

DEPARTMENT OF MINES AND ENERGY

GEOLOGICAL SURVEY

SOUTH AUSTRALIA



REPORT BOOK 92/33

A DIGITAL DATABASE AND PRELIMINARY
PROCESSING OF THE MINES EXPLORATION PTY LTD
INDUCED POLARISATION SURVEYS
MINGARY 1:100 000 MAP
WEST WILLYAMA BLOCK
SOUTH AUSTRALIA

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DME 168/91

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APPENDICES

1. Format of data on diskette

ENCLOSURES

Floppy diskettes of IP data (5 1/4" or 3 1/2").

ATTACHMENT

Tube containing Figures 8, 9, 10, 11, 16 and 17.

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DME 168/91

A Digital Database and Preliminary Processing of the Mines Exploration Pty Ltd Induced Polarisation Surveys, Mingary 1:100 000 Map, West Willyama Block, South Australia

D H TUCKER

As a stimulus to exploration in the Mingary 1:100 000 map area SADME is providing a diskette of survey data and new image processed maps of 1960's frequency domain Induced Polarisation (IP) surveys. This area is considered highly prospective for base metal mineralisation. Methods used to produce the digital data and new maps, and recommendations for further analysis are discussed.

The IP survey lies in the general area from Cockburn to Radium Hill and is the South Australian part of a more extensive dipole-dipole coverage undertaken by Mines Exploration Pty Ltd (MEPL) in the period 1962-1966. Regional cover extends in a swath from east of Broken Hill, to west of Radium Hill. IP surveys were then the prime exploration tool used by MEPL in the search for base metal sulphides in this region.

The IP data have been underused and warrant reinterpretation with modern methods. Hopefully drill testing of targets thus revealed will result. The main reasoning behind this is that at the time when the IP survey work was conducted, the approach based on Canadian experience, was that the quantity termed 'Apparent Metal Factor' was particularly important in selecting drill targets. In the Mingary 1:100 000 area several Apparent Metal Factor IP anomalies were tested and sulphide mineralisation, mainly pyrite, but in some cases copper sulphide, was intersected.

It is now generally accepted that use of Apparent Metal Factor alone can lead to overlooking the more subtle and indirect targets, especially disseminated sulphide targets, and pyrite halos. Thus a reinterpretation of 1960's IP data should also involve the use of the more conventional Apparent Frequency Effect and Apparent Resistivity.

To facilitate reinterpretation by explorers, SADME has captured approximately 600 line kilometres of MEPL's 500 foot dipole-dipole IP data from the original paper pseudosections available on open file. A diskette contains the captured data and the conversions to Apparent Frequency Effect in percent, and Apparent Resistivity in ohm.metres.

To evaluate the quality of the IP data, all was gridded and contour maps and pixel maps were produced. The maps show the general coherence of the IP data and indicate the suitability for conversion and manipulation with modern methods.

New maps derived from Apparent Metal Factor and Apparent Frequency Effect show some significantly different patterns. These results are provocative for exploration and it is evident by inspection of the new maps that only a few IP targets were selected for comprehensive follow up and subsequent drilling.

Further manipulation and analysis of the data is warranted. Correlation with other datasets is required, and field work and drilling to evaluate anomalies revealed is required.

INTRODUCTION

Since June 1991 the South Australian Department of Mines and Energy (SADME) has been compiling geological and geophysical information over the Willyama Block in South Australia with a view to producing data packages to assist explorers in the area (Yates, 1992). The review of exploration by Yates (1992) highlights that the regional IP is one of the most important, and yet largely underused, datasets in the area. The IP method, applied extensively in the 1960's and only poorly tested by drilling, was apparently largely ignored thereafter in the area, in favour of geochemistry and electromagnetic surveys (Figures 1 & 2).

Extensive IP surveys were undertaken by MEPL for Broken Hill South Limited in the period 1962 to 1966. These surveys can be regarded as a regional survey of much of the area of interest, rather in the nature of coverage by regional aeromagnetic surveys. Such extensive, systematic IP surveys of this size are unusual in Australia and can provide an unconventional basis for geological mapping as well as providing targets for drilling.

The IP surveys were conducted on long, widely spaced grid lines from east of Broken Hill to west of Olary in South Australia (Figures 1 & 2). A total of about 2000 kilometres of dipole-dipole surveys were run with a basic dipole spacing of 500 feet (152 metres) on lines 4000 feet apart (1219 metres). Where anomalies were recognised, survey line spacing, and dipole length were closed up. Dipoles used for follow up and more detailed work include:

- 500 feet (152 metres)
- 400 feet (122 metres)
- 300 feet (91 metres)
- 200 feet (61 metres)
- 100 feet (30 metres)

When the IP survey work was conducted by MEPL the popular approach (based on Canadian experience), was that the quantity termed 'Apparent Metal Factor' was

particularly important in selecting drill targets. In the study area several such anomalies were tested and sulphides, mainly pyrite, were intersected. It is now generally accepted that blanket use of Metal Factor can lead to overlooking more subtle targets, especially disseminated sulphide targets.

SADME undertook to digitise some of the IP data and run some preliminary processing of the data to test its general consistency and usefulness for reprocessing. SADME have reviewed the 500 foot dipole IP data available to it in the open file system, which comprises paper plans and pseudo-sections of Apparent Resistivity and Apparent Metal Factor, and have assessed it as warranting reinterpretation.

DISCUSSION OF THE ORIGINAL SURVEYS

Purpose and approach of the IP surveys

The IP surveys were designed to locate large, long strike length bodies of massive base metal sulphides. The surveys were a technical success. Numerous significant anomalies were detected and drill testing identified sulphide bodies, mostly pyrite, beneath the anomalies. At Ballara and Mutooroo Mine significant, though uneconomic, base metal sulphides were intersected (Yates, 1992). Geophysical data from these two localities are discussed in this report.

IP work was followed by RAB drilling and geochemical sampling and if warranted deep drill testing (eg at Ballara - DDHBA1 to 4, Pine Creek - DDHPC1, Eagle Nest - DDHEN1 & 2, McBrides - DDHMC1, Mutooroo Mine - DDHMM4 & 7).

Parameters recorded by the surveys

McPhar frequency domain equipment was used, operating at 0.25 and 2.5Hz to measure voltages and currents appropriate to calculate Apparent Frequency Effect (A.F.E.) and Apparent Resistivity (A.R.). Part of a typical

pseudosection is shown in Figure 3, and a reprocessed version of the same section is shown in Figure 4.

The Apparent Resistivity at the time was recorded in the operationally convenient measurement form of:

$$(A.R./2\pi) \text{ ohm.feet} \dots\dots\dots(1)$$

It was the fashion of the time to convert the A.F.E. to a hybrid quantity named Apparent Metal Factor (A.M.F.). The A.M.F. combines the A.F.E. and A.R./2pi to highlight a conjunction of Apparent Frequency Effect highs and Apparent Resistivity lows - both usually important in the search for massive base metal sulphides.

Apparent Metal Factor was derived from the field data in the following way:

$$A.M.F. = \frac{A.F.E. (\%) \times 1000}{(A.R./2\pi)} \dots\dots\dots(2)$$

Results were recorded to four dipole separations (n=4).

For a separation of four dipole lengths it is considered that the maximum depth of penetration of the IP surveys is about 200 metres.

Open File information available in SADME

Results from the MEPL surveys are available on open file at SADME as pseudosections at a scale of one dipole = one inch (Env 2080). These pseudosections comprise hand drawn and drafted numbers and contours of A.R./2pi in ohm-feet, and A.M.F. None of the original field sheets and operator notes are available.

Example IP results and drill sections

Drill tests undertaken during the MEPL phase of exploration are included in the open file system and two examples are shown here.

Ballara IP Anomaly

The Ballara IP anomaly is about five km northwest of Ballara Homestead and extends over approximately six km of strike length from line 2560S to 2760S (Figure 2).

Results from IP line 2725S are shown in Figure 5. The IP shows a pronounced A.M.F. high anomaly to 1700 units and A.R./2pi low of 5-10 ohm.feet in a background of 30-100 ohm.feet. On conversion this comprises elevated A.F.E. to 9.5% in a background of 1-2%, and AR low of 10-20 ohm.metres in a background of 60-200 ohm.metres. Drilling at Ballara intersected disseminated pyrite and graphite from 149 feet (45.4m) to the bottom of the hole at 753 feet (229.5m), and chalcopyrite near the bottom of the hole.

Mutooroo IP Anomaly

The Mutooroo Mine IP anomaly, is located at the mine of the same name, and extends over a strike length of about three km (Figure 2).

Results of the IP at the Mutooroo Mine on line M35S are shown in Figure 6. On this particular IP line results are relatively subdued. A.M.F.'s were recorded up to 200-750 units in a background of 20-50 units, and an A.R./2pi low of 5-10 ohm.feet in a background of 30-100 ohm.feet. On conversion this comprises elevated A.F.E.'s to 3.9% in a background of 0.5-1% and an A.R. low of 10-20 ohm.metres in a background of 60-200 ohm.metres.

On line M35S drilling intersected considerable copper sulphides at a vertical depth of approximately 900 feet (274 metres), down dip from outcropping prospective rocks.

At Mutooroo, on adjacent lines A.M.F.'s up to 1700 units were recorded and conversion there indicated A.F.E.'s up to 9.5%.

This example serves to show that promising mineralisation does not necessarily require spectacular geophysical results.

Comments on data quality

Inspection of the original IP pseudosections indicates that the data are internally consistent and follow expected patterns of IP data,

e.g. 'pants leg' shaped anomaly character,
A.R./2pi typically in the range 10-100 ohm.feet,
A.R./2pi highs typically in the range 100-1000 ohm.feet,
A.R./2pi lows in the range 5-20 ohm.feet,
layered-earth pattern in some cases where AR/2pi < 20 ohm.feet,
A.M.F. typically in the range 20-60 units, and,
A.M.F. highs typically in the range 200-1000 units.

Inspection of data converted to A.F.E.(%) and A.R. (ohm.metres) indicate numbers in acceptable ranges,

e.g. A.F.E. typically 0.5-2% with anomalies to 5-10%,
A.R. typically in the range 20-200 ohm.metres,
A.R. highs typically in the range 200-2000 ohm.metres, and,
A.R. lows typically in the range 10-40 ohm.metres.

There is evidence of operational problems in that there are numerous gaps in the pseudosection data, indicated by 'T.L' and 'N.R.'. These gaps are mostly at the fourth dipole separation (n=4) and less frequently at smaller separations (n=3). Approximately 15 percent of the n=4 data are missing on some lines.

Inspection of Pixel Map presentations of the A.F.E. shows significant along line striping of the results, indicative of background level shifts between lines. For example see lines 1920S, 2220S and 2540S in Figure 14. The background level on each of these appears lower than in adjacent lines: the difference is approximately 1-2%. These shifts, though a problem, should not prevent recognition of

anomalies in a relative sense along a line, but will produce a problem in an absolute sense if comparing computer models from one line to the next.

With the level problems in mind the data are assessed as suitable for modern processing.

FORMAT OF DIGITAL DATA ON DISC - FIRST RELEASE

Method of data capture and verification

Data capture was done manually. The A.R./2pi and A.M.F. numbers were read from the pseudosections and entered against the survey grid coordinates. The pseudosections used as originals for data capture were photocopies of the 25 year old dyeline prints in SADME's open file system. The numbers on the pseudosections comprise some hand written (faint) and some drafted (bold). A printout of the digitised numbers was compared with the original pseudosection numbers.

Further checking for aberrant data was done by producing verification plots of gridded data for n=1, n=2, n=3, and n=4 for Apparent Resistivity and Apparent Metal Factor.

While corrections were made to files where appropriate, it is possible that some errors are still present. It is recommended that users of the digital data should be mindful of the need to check against the original data for themselves if a doubt arises.

Conversion formulae applied

Apparent Resistivity in units of ohm.feet was converted to units of ohm.metres by means of the following relation.

$$\text{A.R. (ohm.metres)} = (\text{A.R./2pi}) \times 2\pi \times 0.3048 \dots \dots \dots (3)$$

Apparent Metal Factor was converted to Apparent Frequency Effect by means of the following relation.

$$\text{A.F.E.(\%)} = \frac{\text{A.M.F.} \times (\text{A.R.}/2\pi)}{1000} \dots\dots\dots(4)$$

The conversions were made to one significant figure (ie. one number after the decimal point). Thus results calculated with relations (3) and (4) can be used to recalculate (1) and (2).

Individual users of the data can apply their own rounding if required.

Format on disc and data status

The IP data are presently available as ASCII files in a fixed format which was convenient for the process of data capture and appropriate for the experimental nature of the processing. A fixed format was used such that files looked very like the original pseudosection. This format can be readily changed to other formats as required.

The data may still contain a few capture errors and problems where segments of lines were overlapped and joined to make full lines. Some regional lines indicated on the base map were not found in the open file system. When they are found they should be digitised and included in the database. A revision and update of the database is under consideration.

The IP data are located on two diskettes.

Diskette Number 1 contains the raw A.M.F. and A.F.E./2 pi data and the conversions to A.F.E. (%) and A.R. (ohm. metres). Files are as follows:

RADIUM HILL GRID		
0000	.CHN	0040N
.CHN		
0080N	.CHN	0120N
.CHN		
0160N	.CHN	0200N
.CHN		
0240N	.CHN	0280N
.CHN		
0320N	.CHN	

MAIN GRID

1540S	.CHN	1620S
.CHN		
1660S	.CHN	1700S
.CHN		
1780S	.CHN	1805S
.CHN		
1820S	.CHN	182330 .CHN
1860S		.CHN
1895S		.CHN
1900S		.CHN
1920S		.CHN
1940S		.CHN
1980S		.CHN
2020S		.CHN
2060S	.CHN	
2100S	.CHN	2140S
.CHN		2180S
.CHN		2220S
.CHN		
2300S	.CHN	2340S
.CHN		
2380S	.CHN	2420S
.CHN		
2460S	.CHN	2500S
.CHN		
2540S	.CHN	2580S
.CHN		
2660S	.CHN	2700S
.CHN		

Diskette Number 2 contains the Fraser filtered and Mixed Plot filtered data. Files are as follow:

RADIUM HILL GRID

0000	.FLT	0040N .FLT
0080N	.FLT	0120N .FLT
0160N	.FLT	0200N .FLT
0240N	.FLT	0280N .FLT
0320N	.FLT	

MAIN GRID

1540S	.FLT	1620S .FLT
1660S	.FLT	1700S .FLT
1780S	.FLT	1805S .FLT
1820S	.FLT	182330 .FLT
1860S	.FLT	1895S .FLT
1900S	.FLT	1920S .FLT
1940S	.FLT	1980S .FLT

2020S	.FLT	2060S	.FLT
2100S	.FLT	2140S	.FLT
2180S	.FLT	2220S	.FLT
2300S	.FLT	2340S	.FLT
2380S	.FLT	2420S	.FLT
2460S	.FLT	2500S	.FLT
2540S	.FLT	2580S	.FLT
2660S	.FLT	2700S	.FLT

TIEING THE IP GRIDS TO THE AMG SYSTEM

Positioning of the original survey lines

The largest summary map of the MEPL IP grids in the SADME open file system is a 1:60 000 scale paper copy, graduated in feet, and this was used as a basis for Figure 2. This is almost equivalent to two A0 sheets joined end to end. The map appears to be stretched by approximately 1% in the long axis direction; north-northeast to west-southwest. The map indicates the IP lines as perfectly regular and parallel although this is unlikely to reflect the true situation.

It is believed that the method used by MEPL to put in the grid lines was to run on a compass bearing and chain and peg. Careful note was taken by field crews of cultural features, including fence lines and tracks. A reconciliation of these data was then used to correctly position the lines on uncontrolled topographic maps. The final accuracy of this approach is not known.

Establishment of AMG coordinates for IP surveys

A photo-reduced version of the 1:60 000 map of the IP grid, overlain on the modern 1:100 000 scale topographic maps for the region, shows a remarkable degree of correspondence of fences, tracks, mines, and station properties. Based on this correspondence, an AMG metric grid and longitude/latitude system was overlaid on the original map.

Absolute accuracy of positions on the main grid is judged to be approximately +/-150 metres. The relative error of the separation of

any two points is at worst 1%.

Less confidence has been placed on the addition of AMG coordinates to the Radium Hill grid, because there were several serious discrepancies in so called fixed points. Absolute accuracy of positions is judged to be at best approximately +/-300 metres and at worst approximately +/-1200 metres. It is possible that the system of lines shown in Figure 2 should be shifted one whole line separation to the west-southwest.

Accordingly the AMG metric grid was not superimposed on the IP data maps in this report. If a reader of this report can help resolve the problem SADME would be pleased to hear from them. Relative error of the separation of two points is 1%.

Addition of AMG coordinates to the digital data files is possible but has not been performed.

TEST EXAMPLES OF USE OF THE IP DATA

Various pseudosections and several map type presentations were produced as a trial of the general consistency of the IP data on diskette.

Pseudosections and interpretation

The most common presentation of IP data familiar to interpreters is in the form of the vertical sectional plots referred to as pseudosections. These have the advantage that every data point is displayed in close geometric relationship to the position in which it was recorded. An example pseudosection which shows the original and converted data is shown in Figure 4.

With pseudosections an 'anomaly' can be recognised and then assessed for shape and amplitude characteristics. Typically an anomaly is recognised by the 'pants leg' shape in elevated A.F.E. and low A.R.

Data can be interpreted on a line by line basis. The style of presentation in fashion when the IP surveys were undertaken was to

interpret the position of polarisable bodies and represent the subsurface position by bars. IP interpretation maps of the period usually consist only of the bars, graded for quality.

Various methods of inversion can be performed on the data by computer methods to yield the source body parameters including its shape, depth of burial, frequency effect and resistivity.

Filters, maps and image processing

Methods have been developed for presentation of dipole-dipole IP data in contour map form (Fraser, 1981). Fraser's method consists of averaging of data and presentation of a single value at each station. These values can then be gridded and contoured.

The advantage of this approach is that it yields a quantitative regional picture of the IP data and the context of 'anomalies' on single lines can be more readily assessed.

Gridded data are amenable to image processing and this brings new advantages for recognition of patterns useful for geological mapping and for the recognition of subtle features and possible exploration targets.

There are several filters which can readily be applied to IP data and some of these are discussed by Fraser (1981). Three particularly useful filters are:

Simple averaging of $n=1$ numbers,
Fraser filter, and,
Mixed plot.

The Fraser filter averages all numbers in a triangular field window, separation by separation in turn, and places the average value of these averages at the station at the point of the apex of the triangle (Figure 7).

The Mixed Plot takes advantage of the 'pants leg' shape of anomalies and averages all numbers in a trapezoidal shape with a triangular centre removed - in essence a

trapezoid with a Fraser window subtracted (Figure 7).

For the purpose of display of the data in regional format a sophisticated adaption of Fraser's simple averaging approach to $n=1$ data has been used and a 2-D low pass filter, with a wavelength cut-off of 0.2 cycles per data point applied. This approach is more commonly applied in processing aeromagnetic data. As can be seen from the maps the application of the 2-D filter produces a smooth coherent result with minimisation of the 'noise' in the data.

Discussion of test maps

Various maps are included here to illustrate the kind of results which can be expected from the data (Figures 8-19). The maps include overviews of the original data and various derivations. In all of the coloured maps the colour scheme comprises red for high values and blue for low values. An AMG metric grid and latitude/longitude grid have been added to the maps over the original local grid which is in feet for figures 8, 9, 10, 11, 16 and 17.

Apparent Metal Factor contour maps and pixel maps

The A.M.F. for the Main Grid is shown in Figure 8 in unfiltered form and in Figure 9 in a filtered contour map form. The actual A.M.F. range is approximately 30 to 500 units in the unfiltered map. Notice the generally ragged appearance of the unfiltered map, indicative of the wide line spacing and noisy nature of the IP data. Comparison of these maps with Figure 2 shows that the A.M.F. 'highs' are considerably more extensive than the original named anomalies.

The A.M.F. for the Radium Hill Grid is shown in Figure 12.

Apparent Resistivity maps

The A.R./ 2π and the converted A.R. have precisely the same form and differ only by a constant. Examples are included here of a

2-D filtered version of the A.R. for the Main Grid (Figure 11), and a 2-D filtered version of A.R./2pi as a contour map and A.R. as a pixel map for the Radium Hill Grid (Figures 13 & 15).

Apparent Frequency Effect maps

The calculated A.F.E. is shown in Figure 10 for the Main Grid and Figure 14 for the Radium Hill Grid. Both of these have had the 2-D filter applied. Notice that in figure 10 there is evidence of 'along-line-stripping' indicative of significant level differences between the data sets on adjacent lines. This shows there were some calibration problems with the IP equipment at the time of acquisition. It is likely that this could be overcome by application of a leveling technique as is used in airborne data processing.

Fraser filtered and Mixed Plot filtered maps

As discussed above the Fraser filter and the Mixed Plot filter use all of the data, and consequently may be regarded as more representative of the IP data, and more indicative of the IP effect from deeper levels below the surface.

The Fraser filter applied to the Main Grid is shown in Figure 16 and the Mixed Plot in Figure 17. The dots along each IP line indicate the actual dipole positions.

The Fraser filter applied to the Radium Hill Grid is shown in Figure 18 and the Mixed Plot in Figure 19.

These results appear to have a ragged appearance indicative of the noise inherent in the data. However there is a pleasing overall coherence to the patterns.

The results from these two filters appear similar but can be seen to differ in detail.

The along-line-stripping discussed above for the A.F.E. maps is more pronounced in both the Fraser and Mixed Plot maps (than in 2-D filtered A.F.E. maps), indicative of an enhancement at wider separations of the level

differences recorded on adjacent lines.

Careful comparison shows that there are differences in amplitude, and range between the 2-D filtered A.F.E. maps of n=1 data and the Fraser and Mixed Plot maps. This indicates an increase in reliability by use of all the data rather than the n=1 data only.

Of particular importance for exploration is the general sharpening of anomalies and the differences in the position of anomalies when a comparison is made with the original A.M.F. maps.

CONCLUSIONS AND RECOMMENDATIONS

The MEPL, 500 foot dipole-dipole, frequency domain IP data on open file is assessed to be of a quality commensurate with its age. Values plotted on the original pseudosections fall within acceptable ranges. The patterns of values are generally quite coherent. Approximately 15% of data are missing (no reading) at the fourth separation.

Apparent Metal Factor anomalies selected by MEPL for further testing were good choices. However, in the new maps of Apparent Metal Factor there are several other untested anomalies, which warrant investigation.

Apparent Frequency Effect data calculated as part of this evaluation, generally confirm that the Apparent Metal Factor anomalies selected and tested by MEPL were good choices. However the new presentations indicate the presence of a number of good quality Apparent Frequency Effect anomalies which were not evident in the Apparent Metal Factor data and conversely show that a number of Apparent Metal Factor anomalies have only poor Apparent Frequency Effect. This provides provocative new tools and messages with regard to exploration targeting and geological mapping.

Preliminary reprocessing and image processing of the data, give coherent results.

Application of various standard filters (Fraser, Mixed Plot) gives credible results, and a clear indication of regional patterns. However, this approach also shows that in some cases whole lines or parts of lines have a different background level of Apparent Frequency Effect, possibly indicative of recording problems. This should be borne in mind when interpreting the data.

While the reprocessed data presentations provided here can form the basis of reinterpretation it is recommended that IP data warrant being more fully reprocessed to new pseudosections. Further filters and enhancements can be devised beyond those used here for demonstration purposes.

Upgrading of the database by the inclusion of culture and geochemistry traces to accompany the IP where appropriate, and conversion of the grid coordinates to AMG coordinates is recommended. Data files should be converted to other formats suitable for modelling.

ACKNOWLEDGEMENTS

The reprocessing of the digital data portrayed in this report was performed by Pitt Research Pty Ltd for Preview Resources Pty Ltd.

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LOCALITY

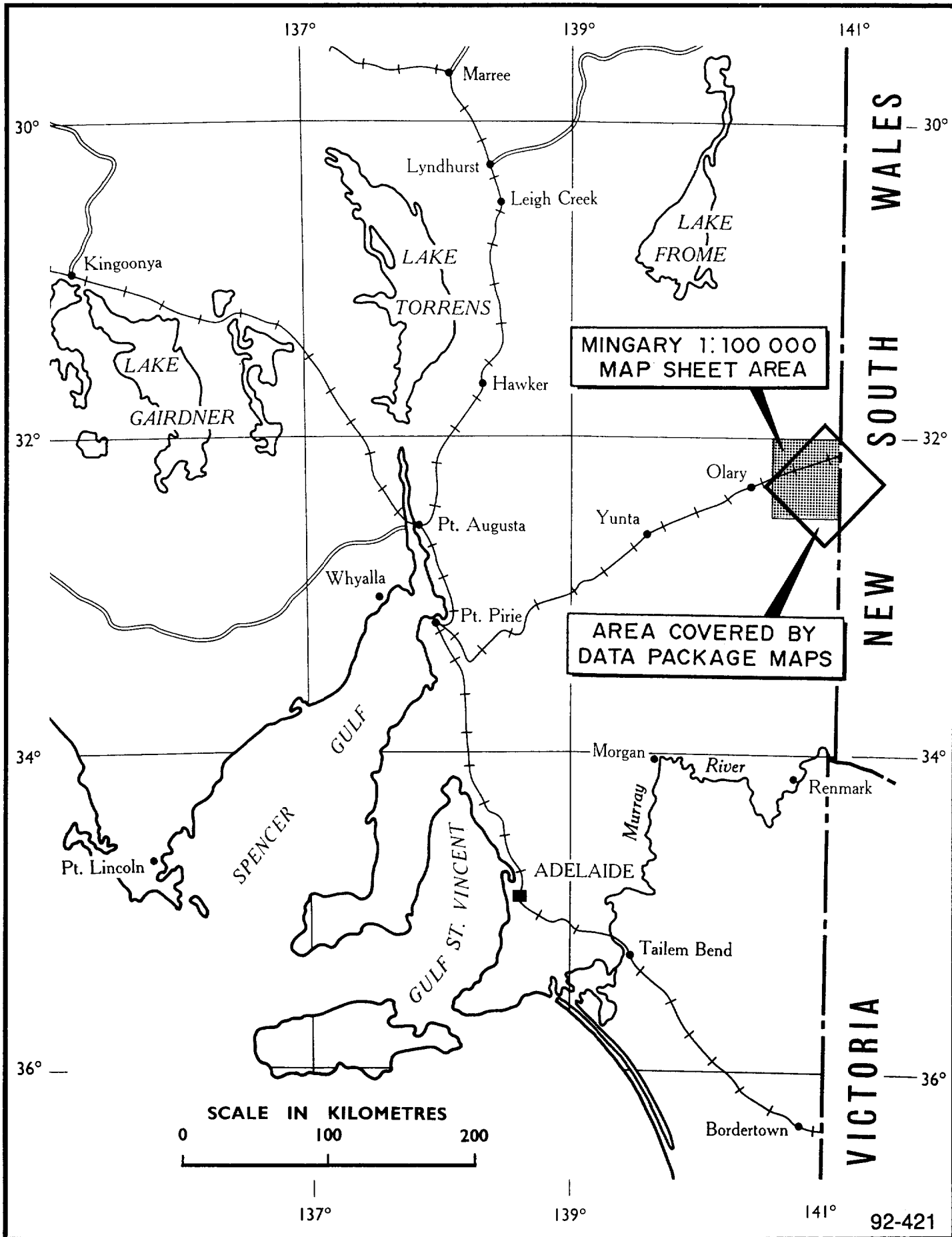
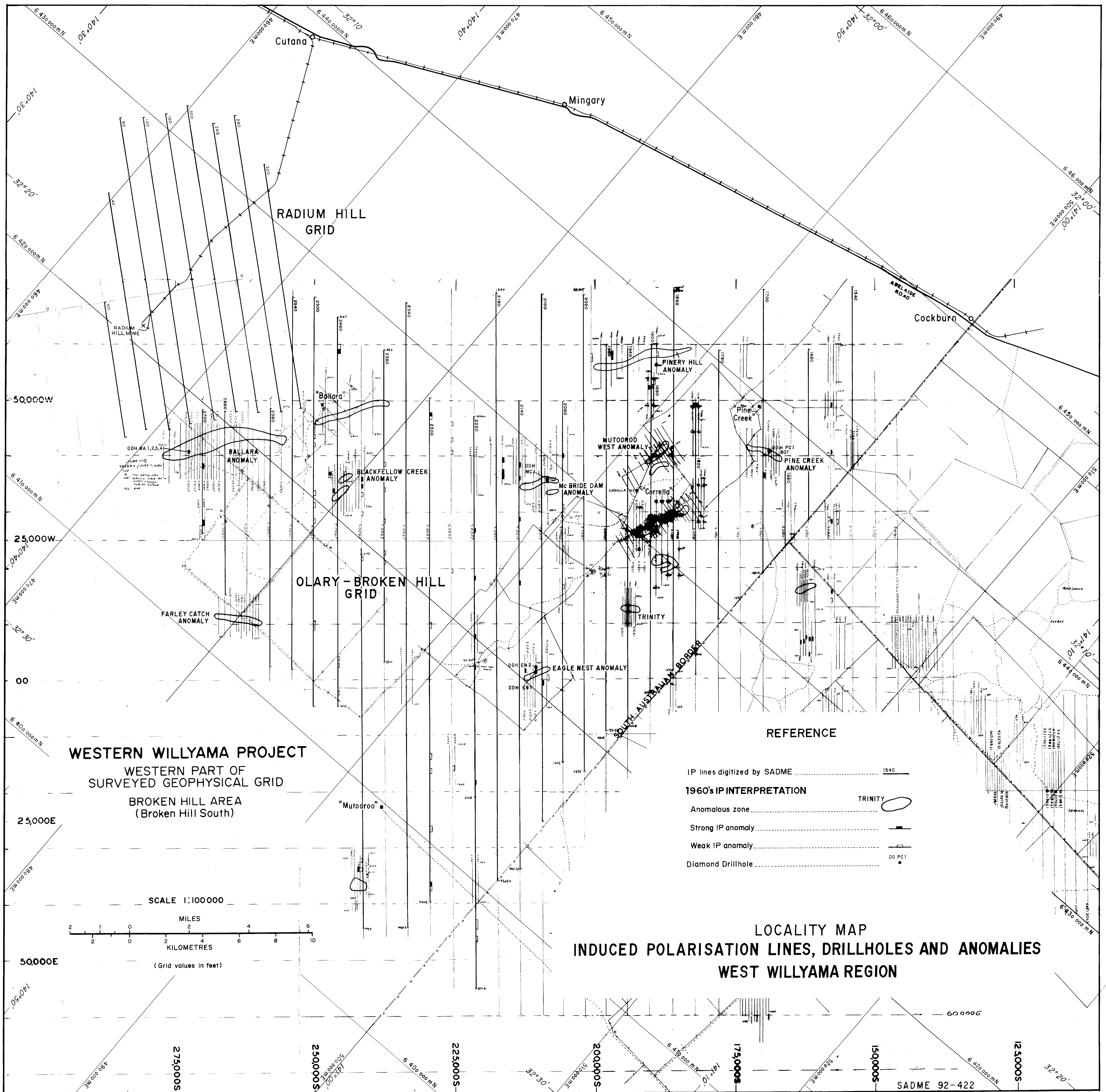


FIGURE 1



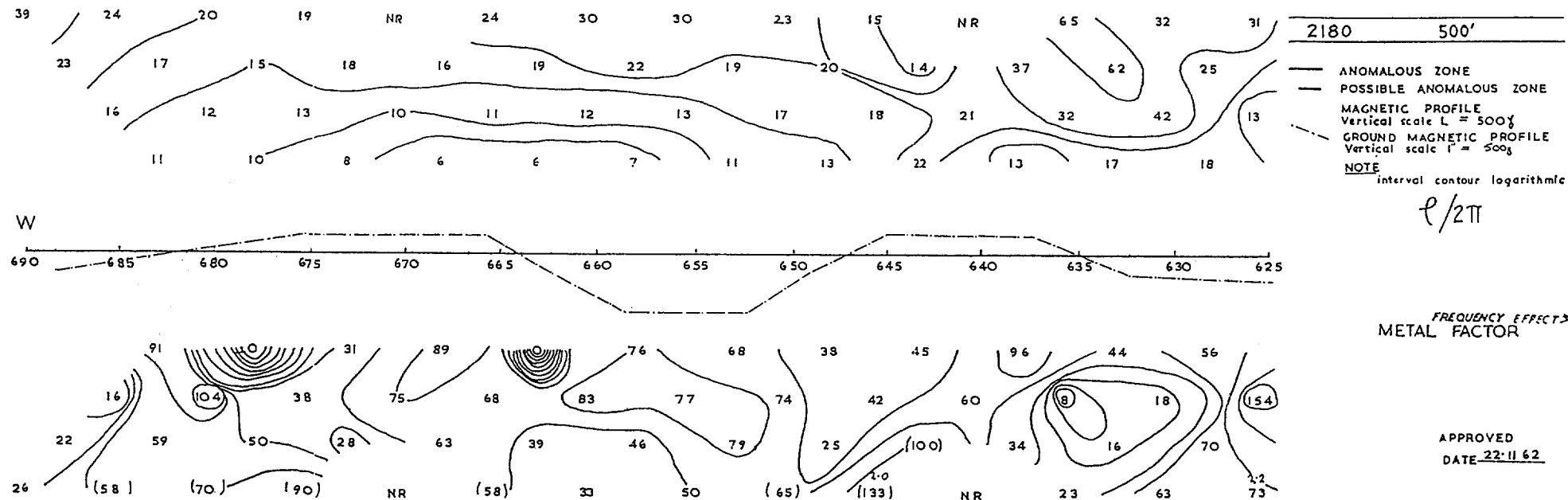


FIGURE 3 : Example of an original 500 foot dipole - dipole Pseudosection showing Apparent Metal Factor and Apparent Resistivity (Line 2180S)

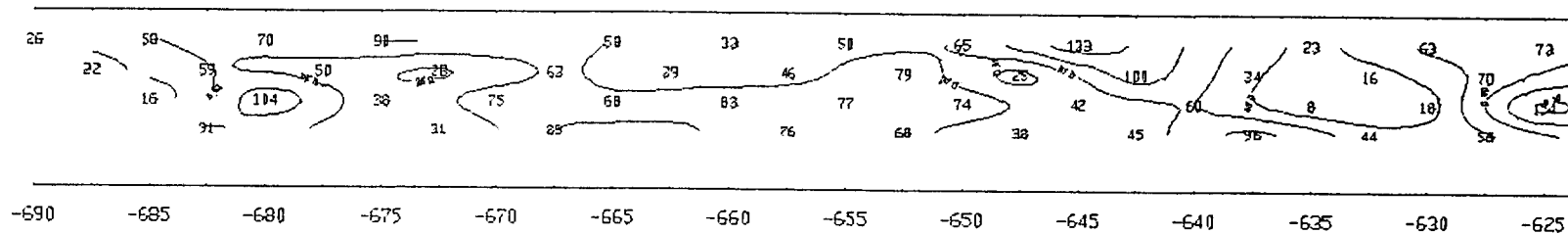


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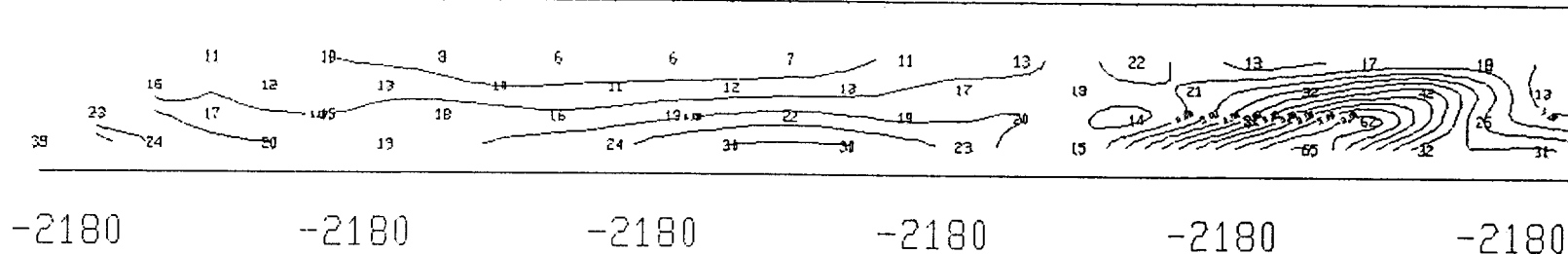
MF
(Metal Factor)

n=4
n=3
n=2
n=1



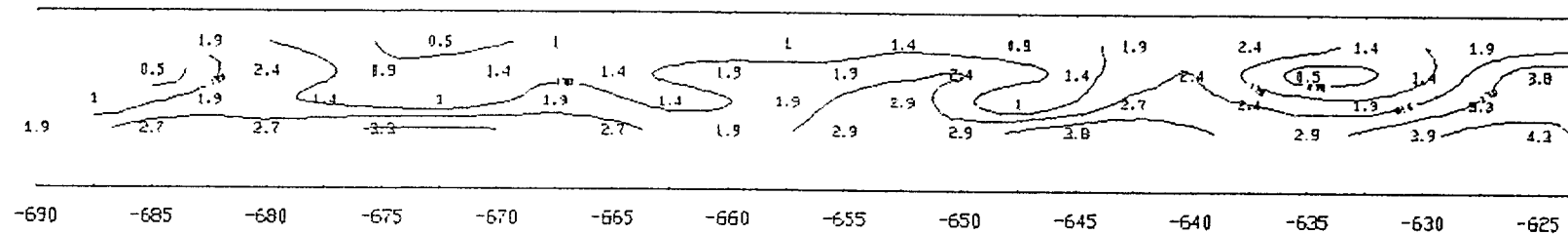
AR(FT)
(Apparent Resistivity,
 $\rho/2\sim$, ohm.feet)

n=1
n=2
n=3
n=4



FE
(Frequency Effect %)

n=1
n=2
n=3
n=4



AR(MT)
(Apparent Resistivity,
ohm.metres)

n=1
n=2
n=3
n=4

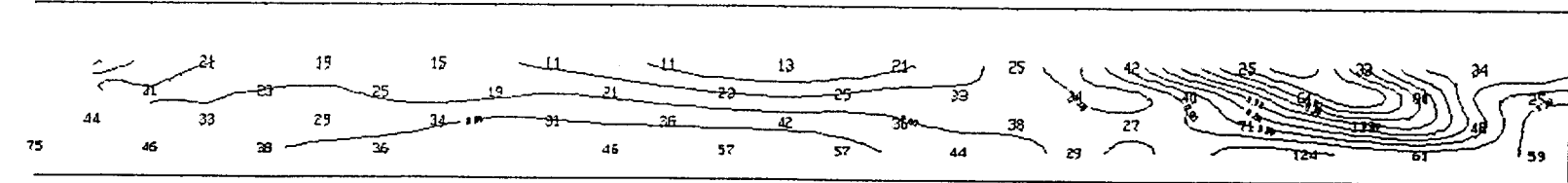
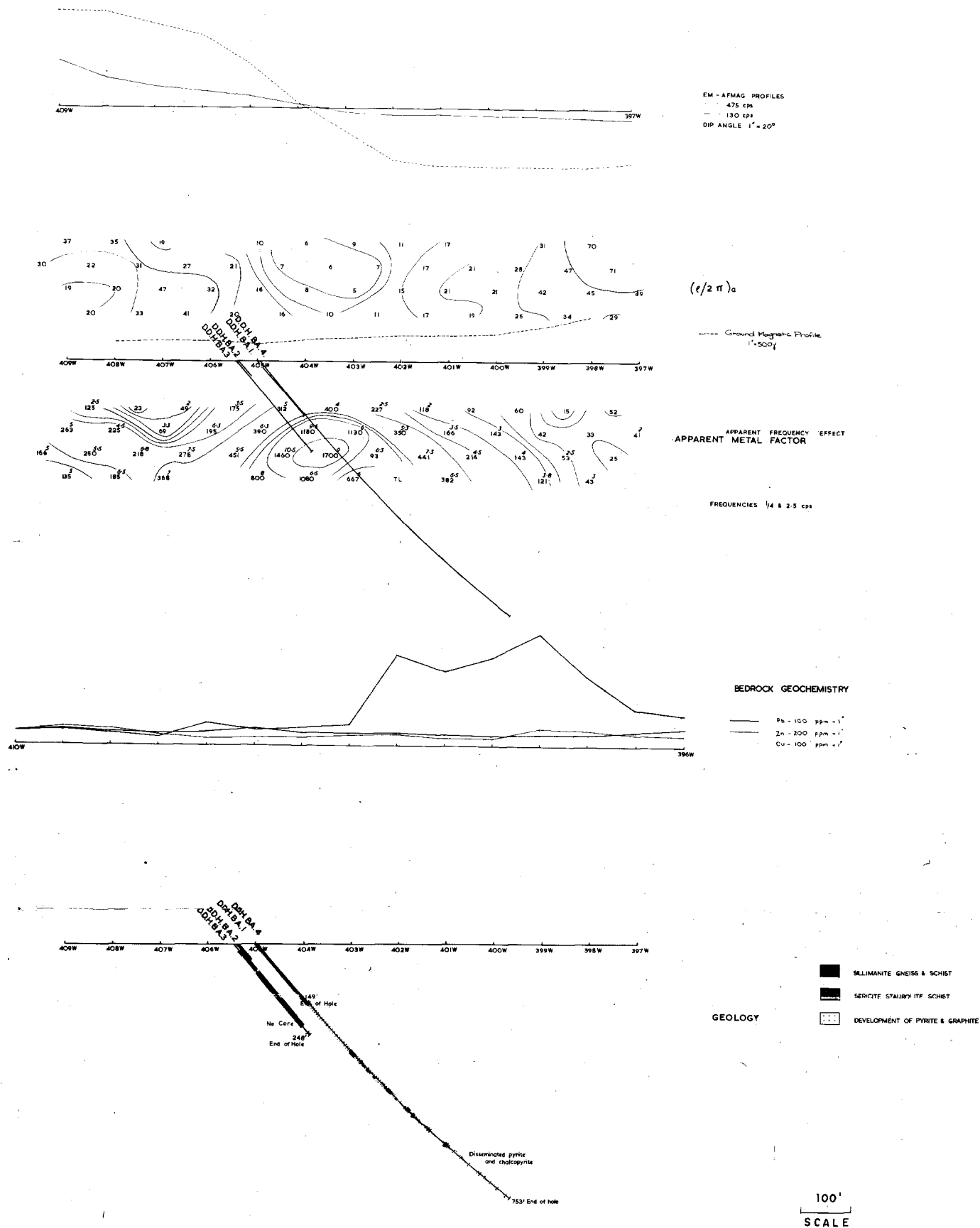


FIGURE 4 : Example of reprocessed Pseudosection showing data transformed to Frequency Effect (%) and Apparent Resistivity in ohm.metres (Line 2180S)

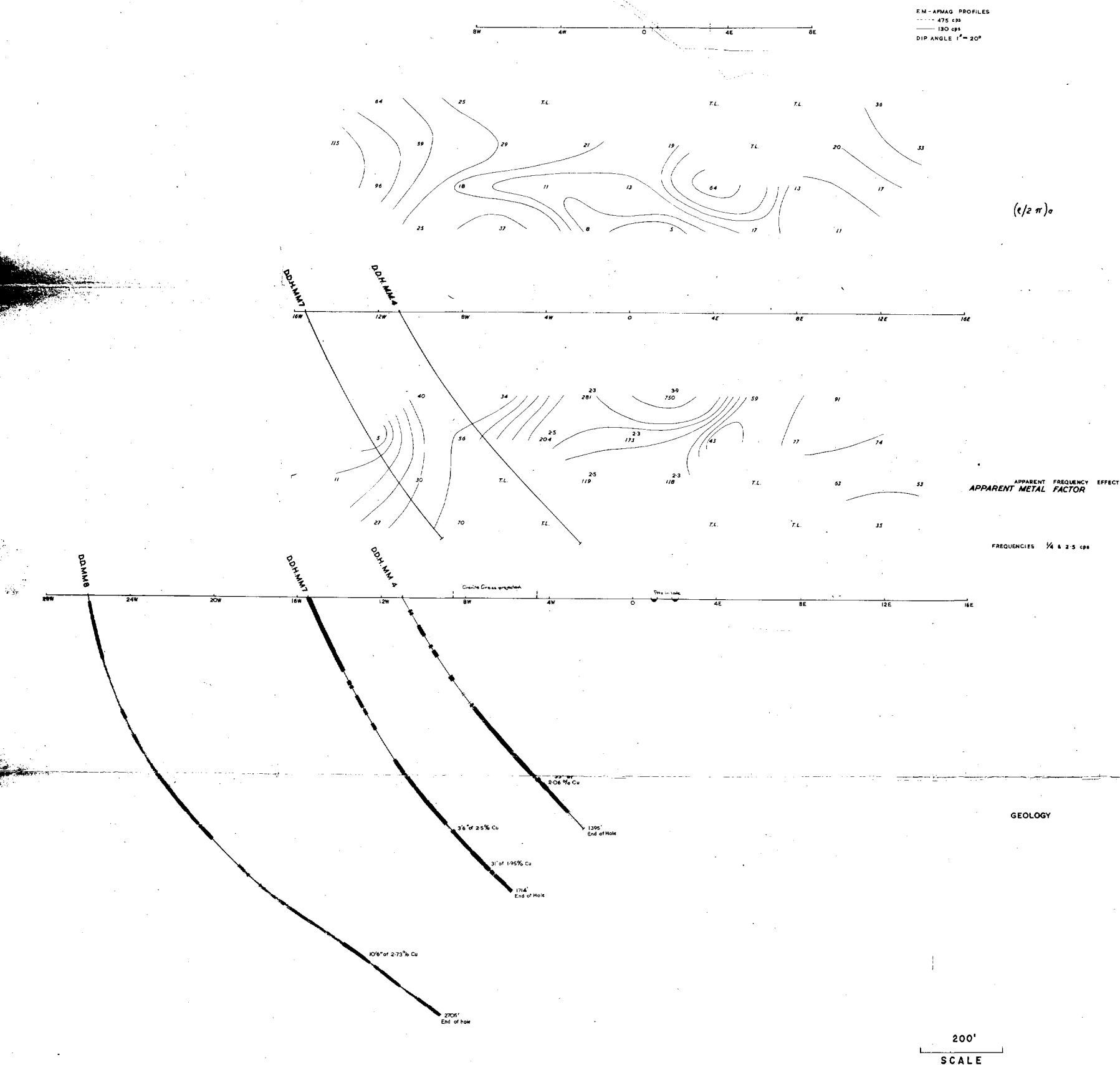


BALLARA I.P. ANOMALY
 CROSS SECTION ON LINE 2725S
 SECTION LOOKING NORTH

ENV 2080 XL - 1

92-425

FIGURE 5 : Ballara IP Anomaly Line 2725S - Pseudosection and drillholes



MUTOOROO MINE IP ANOMALY
 CROSS SECTION ON LINE M35S
 SECTION LOOKING NORTH 13° EAST MAG.
 ENV 2000 (10) -5
 DATE 92-426

FIGURE 6 : Mutooroo Mine IP Anomaly Line M35S - IP Pseudosection and drillholes

FRASER FILTER

Level	Filter Weights			
1	1.00			
2	0.50	0.50		
3	0.33	0.33	0.33	
4	0.25	0.25	0.25	0.25

PSEUDOSECTION INPUT (FREQUENCY EFFECT)

	48000	47500	47000	46500	46000	
1	4.3	5.3	4.3	1.5	1.4	
2	5.3	8.1	7.2	7.2	1.4	2.9
3	3.9	8.2	6.7	10.0	9.6	3.3
4	5.3	n/r	n/r	n/r	n/r	2.4

FILTER OUTPUT - INTERMEDIATE VALUES

	48000	47500	47000	46500	46000	
1	4.3	5.3	4.3	1.5	1.4	
2	6.7	7.6	7.2	4.3	2.2	
3	6.3	8.3	8.8	7.6	6.4	
4	5.3	5.3	n/r	2.4	2.4	

FILTER OUTPUT - FINAL - AVERAGE VALUES (FOR PLOTS AND CONTOURS)

	48000	47500	47000	46500	46000	
1	5.6	6.6	6.6	3.9	3.1	

MIXED PLOT FILTER

Level	Filter Weights			
1	0.5	0.5		
2	0.5		0.5	
3	0.5			0.5
4	0.5			0.5

PSEUDOSECTION INPUT (FREQUENCY EFFECT)

	48000	47500	47000	46500	46000	
1	4.3	5.3	4.3	1.5	1.4	
2	5.3	8.1	7.2	7.2	1.4	2.9
3	3.9	8.2	6.7	10.0	9.6	3.3
4	5.3	n/r	n/r	n/r	n/r	2.4

FILTER OUTPUT - INTERMEDIATE VALUES

	48000	47500	47000	46500	46000	
1		4.8	4.8	2.9	1.4	
2		6.2	7.6	4.3	5.0	
3		7.0	8.9	5.0	10.0	
4		n/r	5.3	2.4	2.4	

FILTER OUTPUT - FINAL - AVERAGE VALUES (FOR PLOTS AND CONTOURS)

	48000	47500	47000	46500	46000	
1		6.0	8.8	3.8	4.7	

FIGURE 7 : Form of Fraser filter and Mixed Plot filter



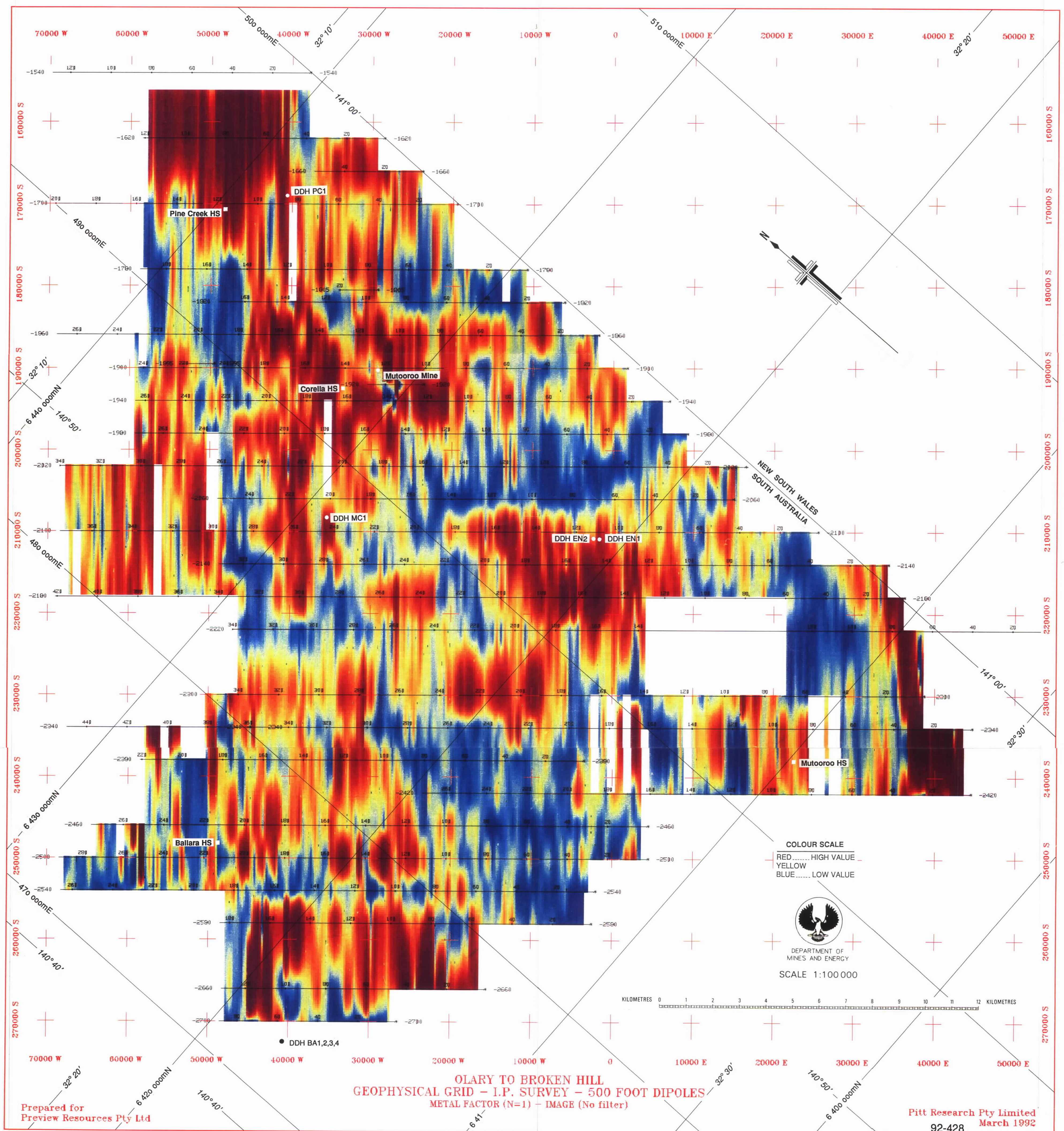


FIGURE 8 : Main Grid - Apparent Metal Factor (n = 1) no filter - Pixel Map

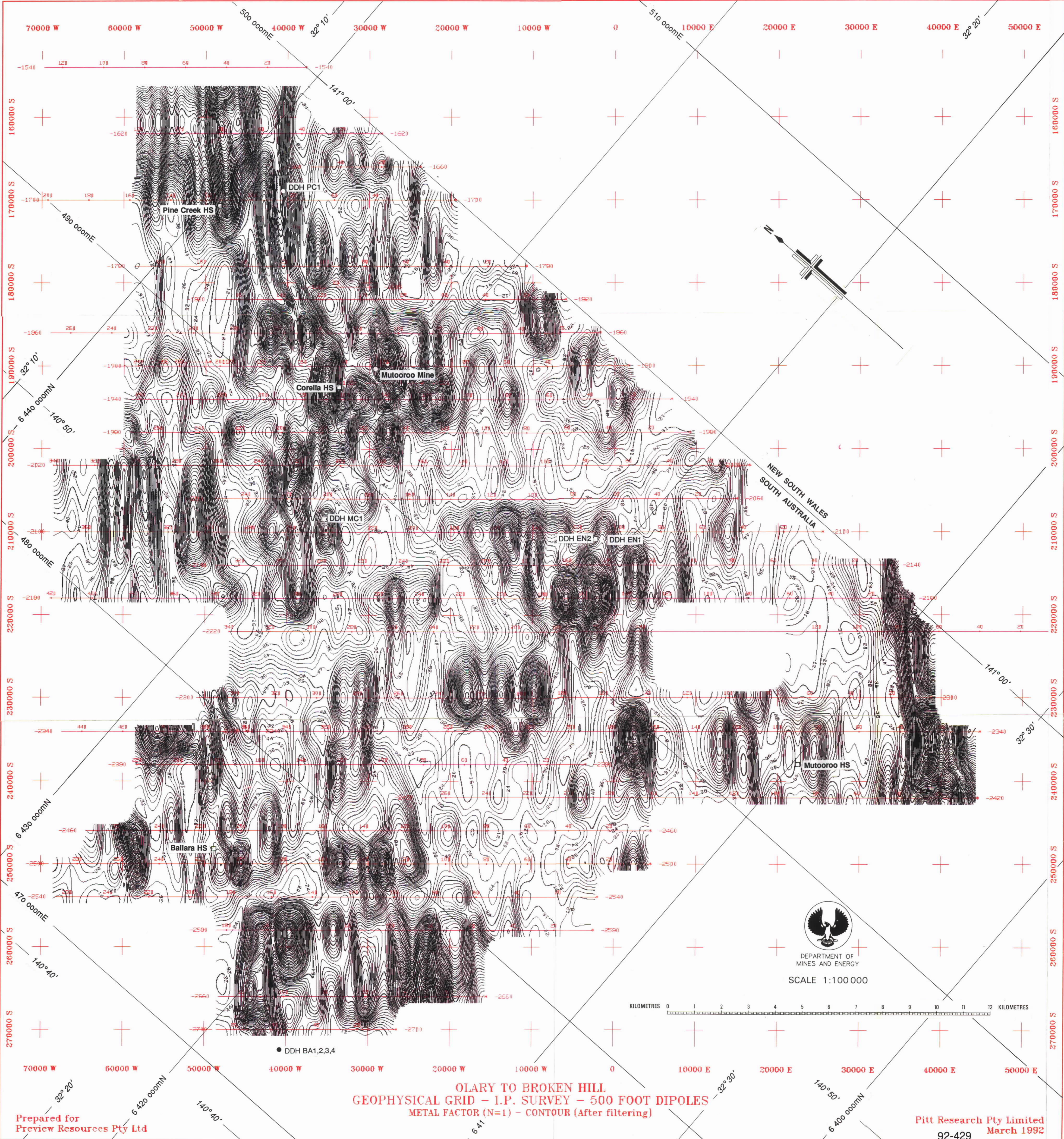


FIGURE 9 : Main Grid - Apparent Metal Factor (n = 1) 2D filter - Contour Map

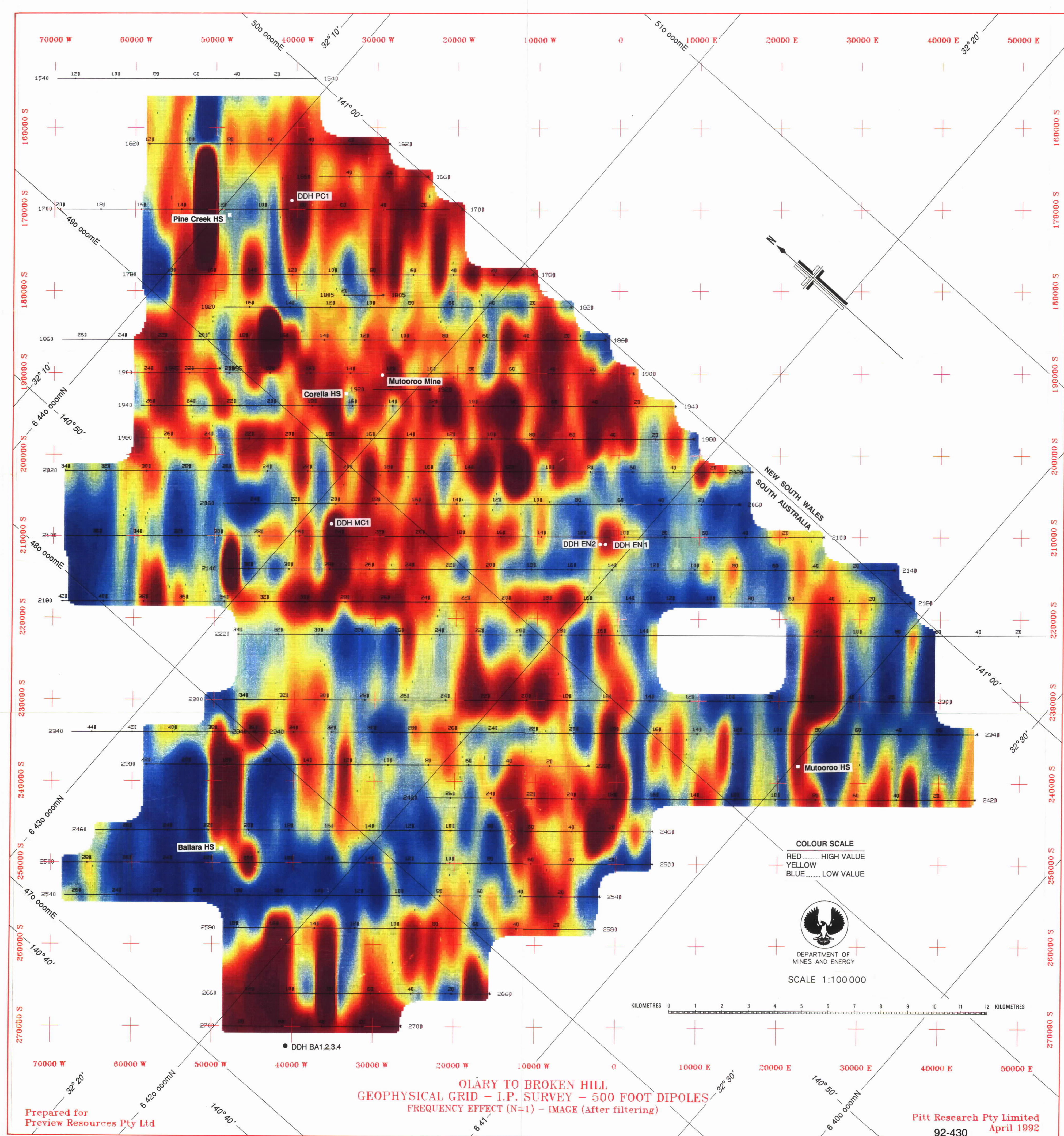
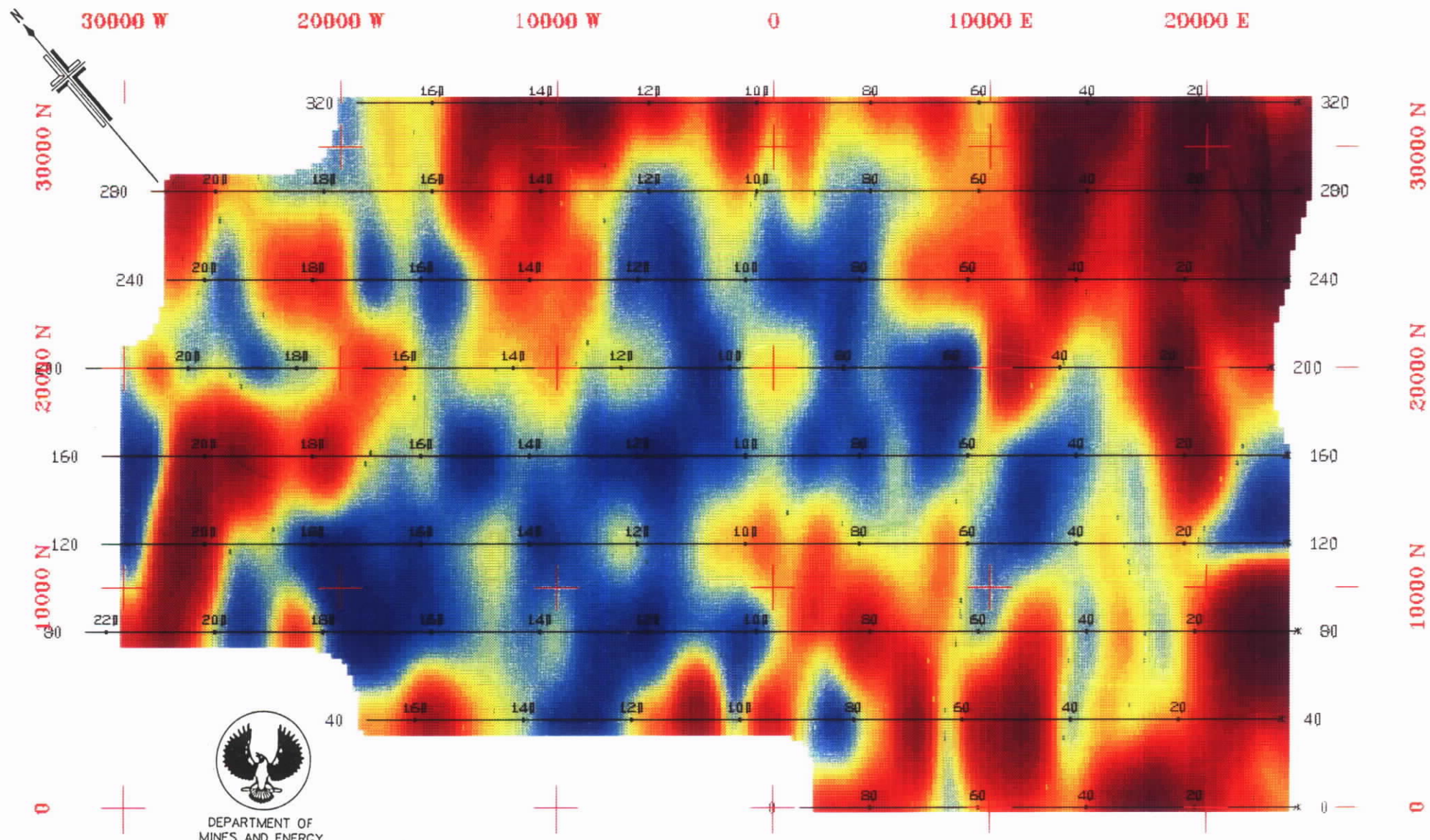


FIGURE 10 : Main Grid - Apparent Frequency Effect % (n = 1) 2D filter - Pixel Map



RADIUM HILL
GEOPHYSICAL GRID - I.P. SURVEY - 500 FOOT DIPOLES
METAL FACTOR (N=1) - IMAGE (After filtering)

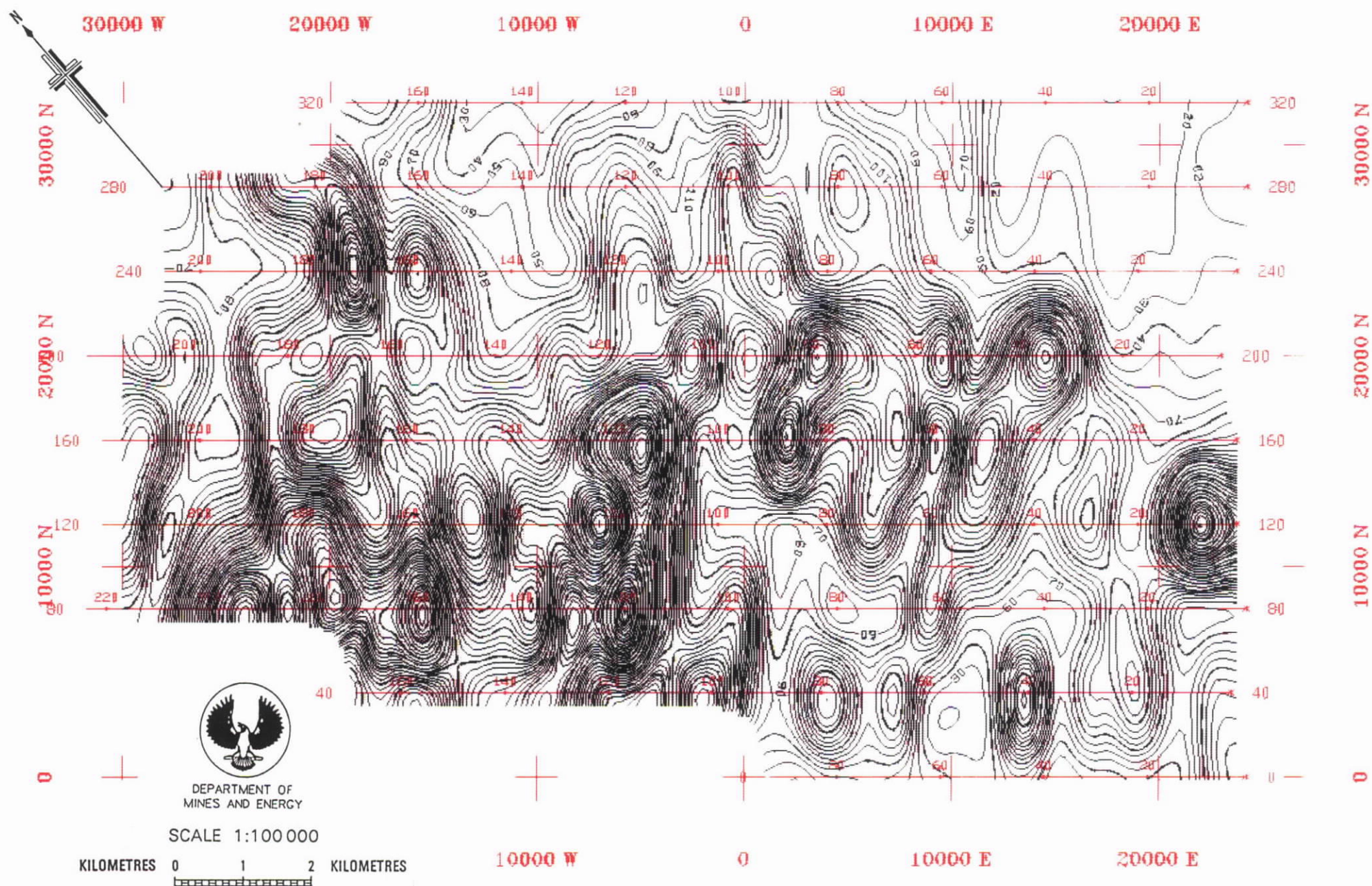
COLOUR SCALE
 RED HIGH VALUE
 YELLOW
 BLUE LOW VALUE

Prepared for
 Preview Resources Pty Ltd

Pitt Research Pty Limited
 March 1992

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FIGURE 12 : Radium Hill Grid - Apparent Metal Factor (n = 1) 2D filter - Pixel Map



RADIUM HILL **GEOPHYSICAL GRID – I.P. SURVEY – 500 FOOT DIPOLES**

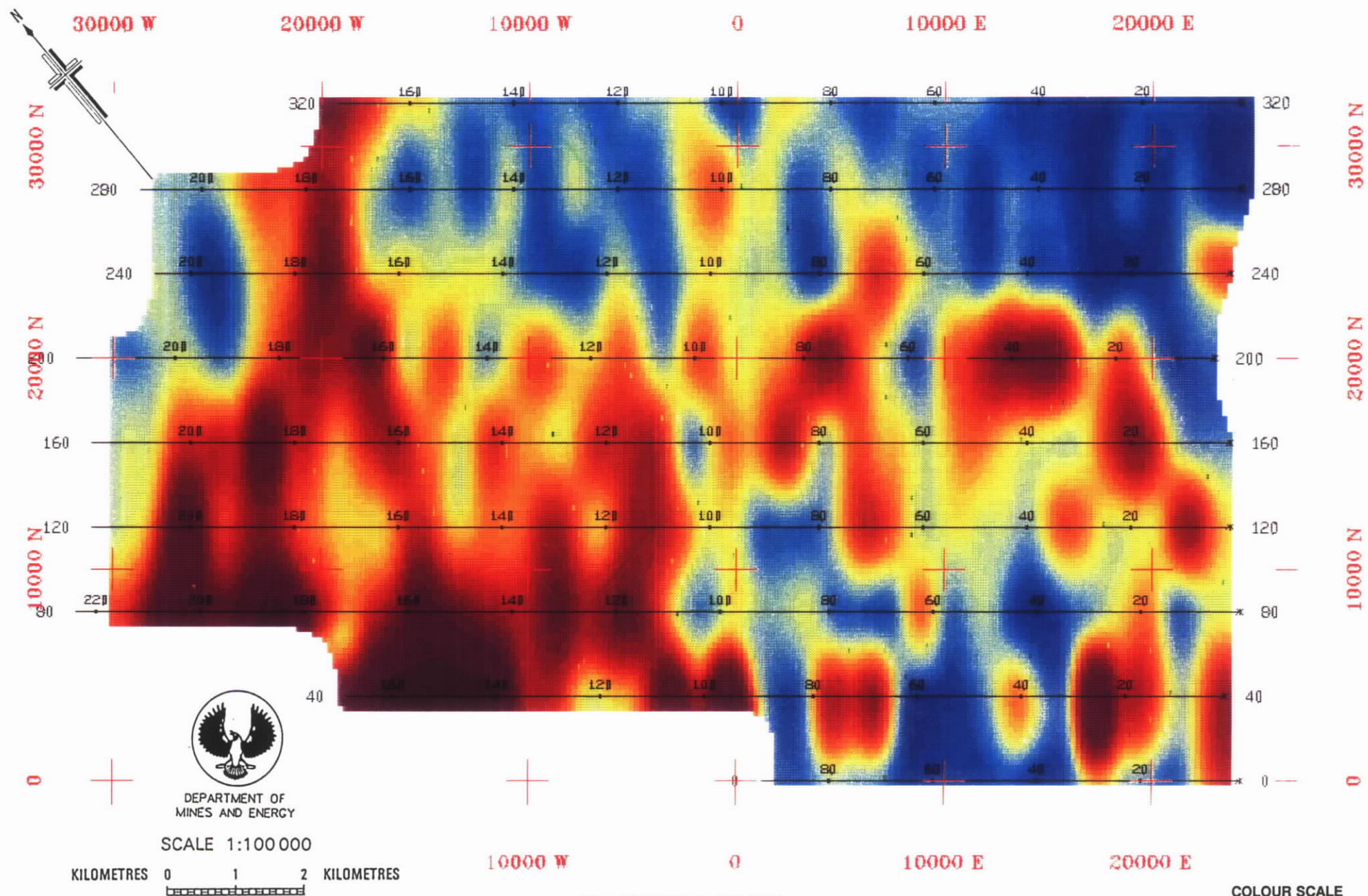
APP. RESIST OHM.FT (N=1) – CONTOUR (After filtering)

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Pitt Research Pty Limited
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FIGURE 13 : Radium Hill Grid - Apparent Resistivity / 2π ohm.feet ($n = 1$) 2D filter - Contour Map



RADIUM HILL
GEOPHYSICAL GRID – I.P. SURVEY – 500 FOOT DIPOLES
FREQUENCY EFFECT (N=1) – IMAGE (After filtering)

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FIGURE 14 : Radium Hill Grid - Apparent Frequency Effect % (n = 1) 2D filter - Pixel Map

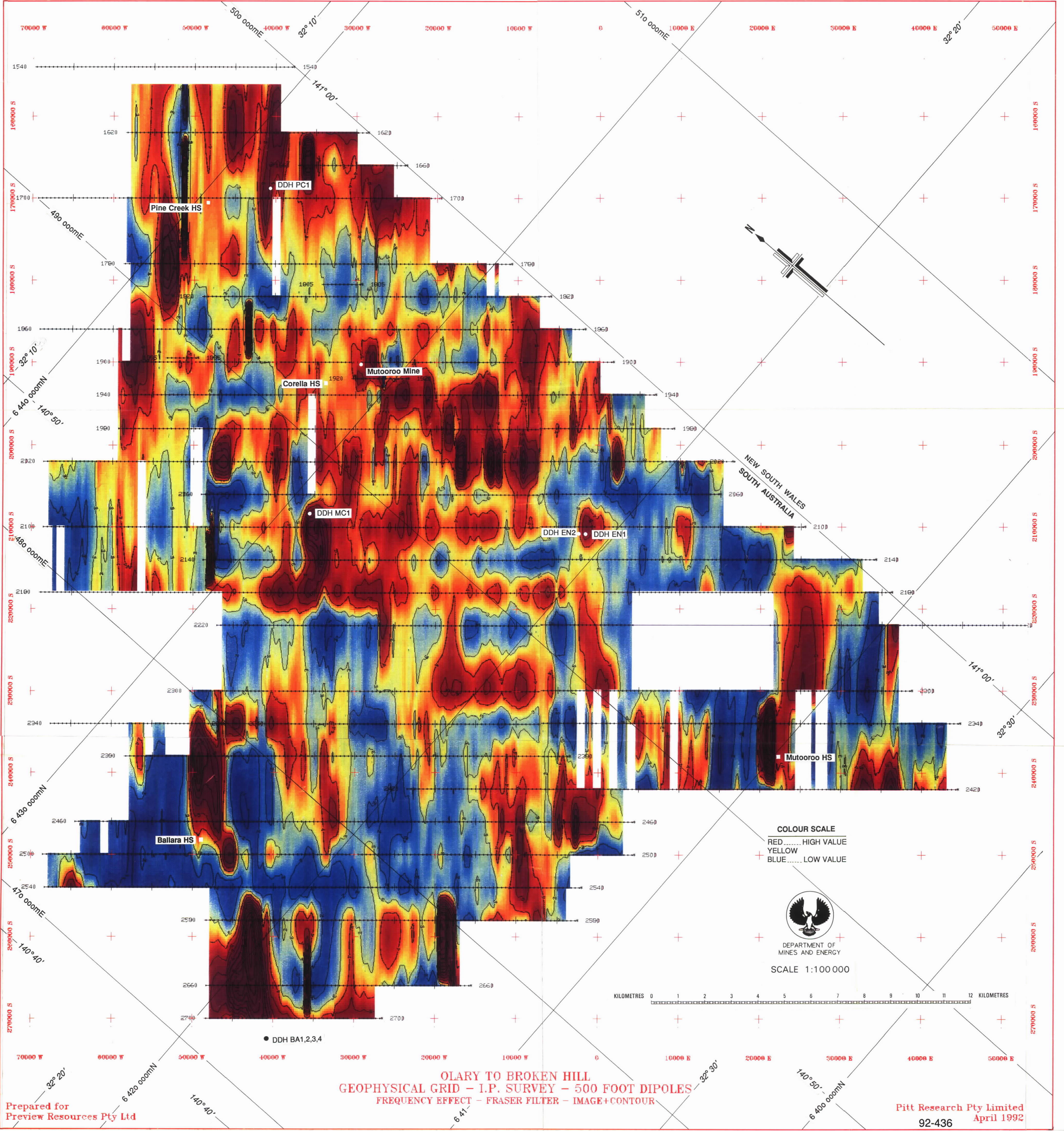


FIGURE 16 : Main Grid - Fraser filter on Apparent Frequency Effect - Pixel Map

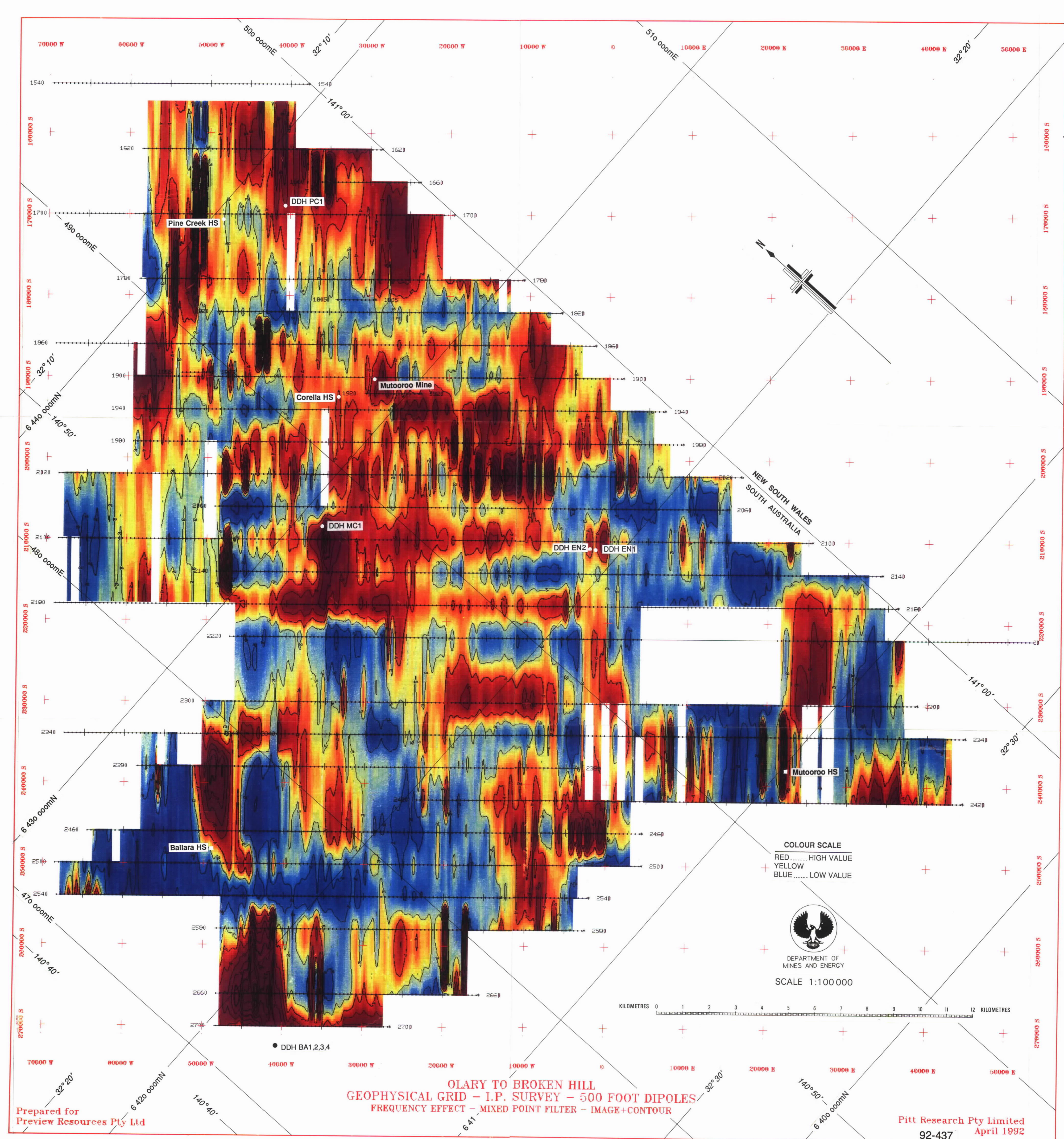
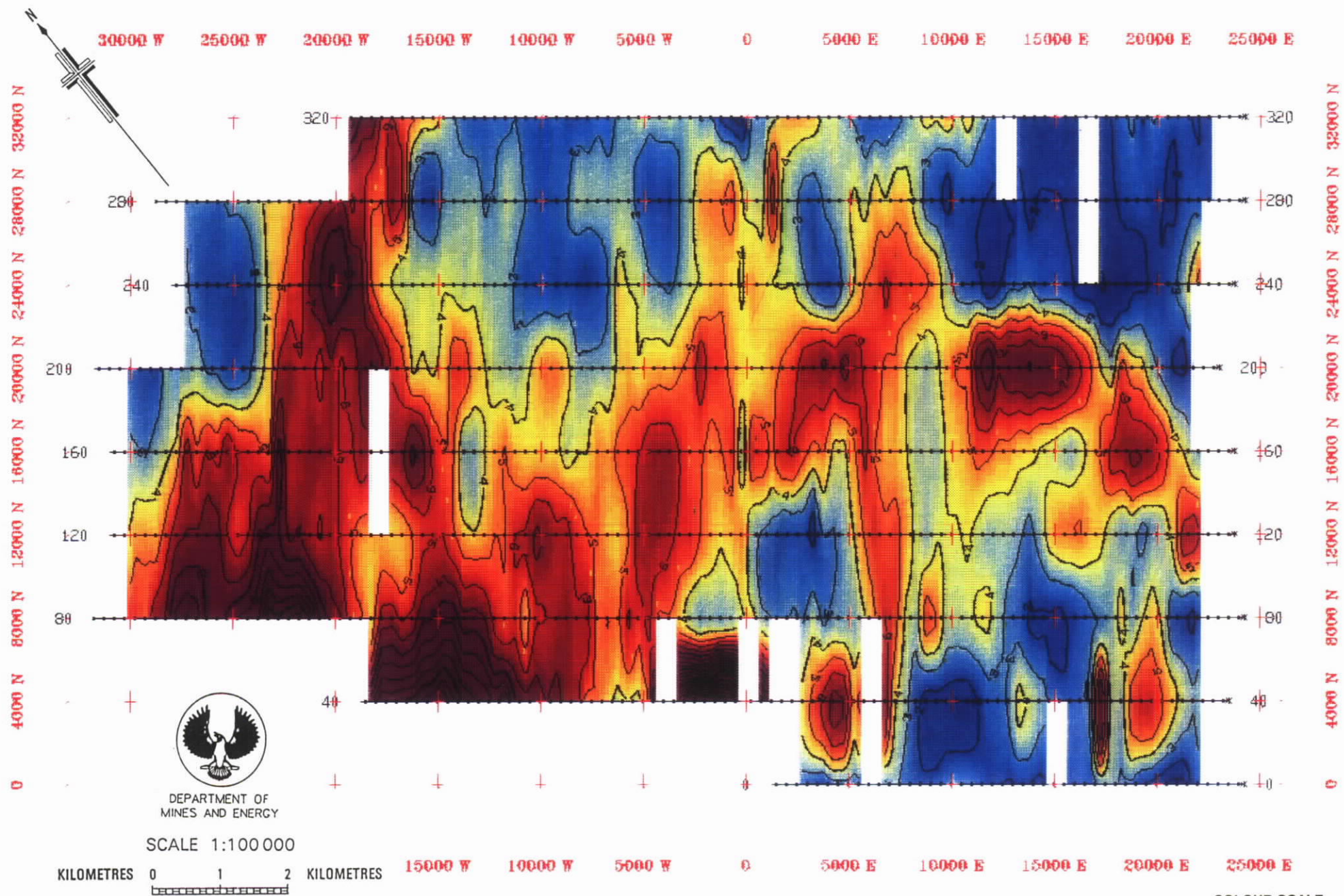


FIGURE 17 : Main Grid - Mixed Plot filter on Apparent Frequency Effect - Pixel Map



RADIUM HILL
GEOPHYSICAL GRID – I.P. SURVEY – 500 FOOT DIPOLES
FREQUENCY EFFECT – FRASER FILTER – IMAGE+CONTOUR

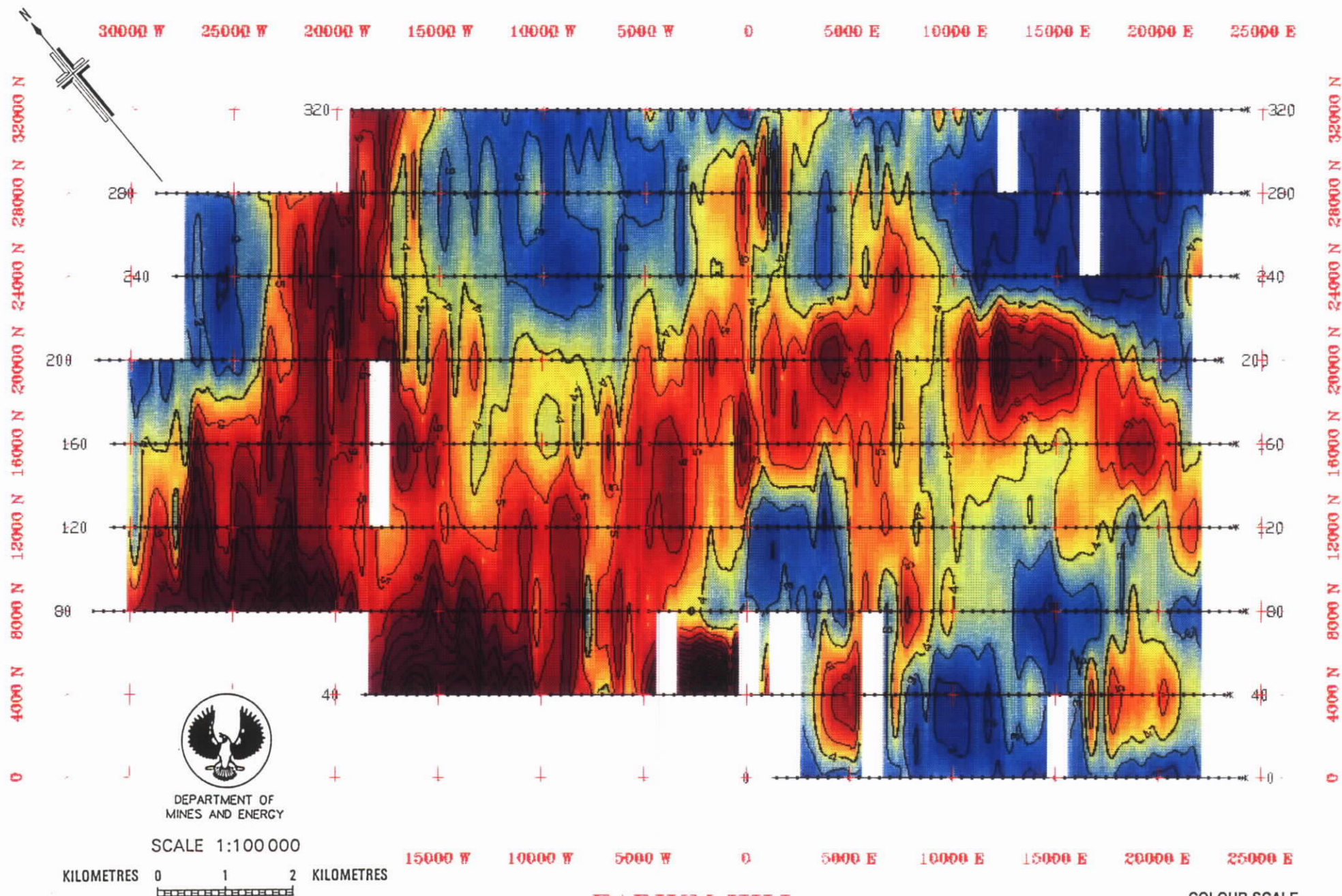
COLOUR SCALE
 RED..... HIGH VALUE
 YELLOW.....
 BLUE..... LOW VALUE

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 April 1992

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FIGURE 18 : Radium Hill Grid - Fraser filter on Apparent Frequency Effect - Pixel Map



RADIUM HILL
GEOPHYSICAL GRID - I.P. SURVEY - 500 FOOT DIPOLES
FREQUENCY EFFECT - MIXED POINT FILTER - IMAGE+CONTOUR

COLOUR SCALE
 RED HIGH VALUE
 YELLOW
 BLUE LOW VALUE

Prepared for
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Pitt Research Pty Limited
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FIGURE 19 : Radium Hill Grid - Mixed Plot filter on Apparent Frequency Effect - Pixel Map

REGIONAL 0000 500 FEET ??-

IP 125E-242.5E LENGTH 11750 FEET

GEOCHEMISTRY nil

ALONG LINE STATIONS INCREASE WEST =-X

TRAVERSES INCREASE SOUTH =-Y

INCREASE EAST =X

*****	*****	*****	***	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	#	N=1	METAL N=2	FACTOR N=3	 N=4	APP. N=1	RESIS N=2	T OHM.FT N=3	 N=4	F N=1	REQ. E N=2	FFECT N=3	 N=4	APP N=1	. RESI N=2	ST OHM N=3	.M # N=4 #
*****	*****	*****	***	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	24250		0#	26				122				6.1				233.5			#
2#	24000		0#		33				175				11.1				335		#
3#	23750		0#	25		21		122		138.0		5.8		5.5		233.5		264.2	#
4#	23500		0#		22		20.0		117	168.0			4.9		6.4		224		321.6#
5#	23250		0#	30		15		118		160.0		6.8		4.6		225.9		306.3	#
6#	23000		0#		19				120				4.4				229.7		#
7#	22750		0#	19		15		133		156.0		4.8		4.5		254.6		298.6	#
8#	22500		0#		19		15.0		138	160.0			5		4.6		264.2		306.3#
9#	22250		0#	33		13		55		163.0		3.5		4.1		105.3		312	#
10#	22000		0#		6		5.0		78	250.0			0.9		2.4		149.3		478.5#
11#	21750		0#	40		2		45		142.0		3.4		0.5		86.1		271.8	#
12#	21500		0#		2		4.0		108	125.0			0.4		1.0		206.7		239.3#
13#	21250		0#	9				34		104.0		0.6				65.1		199.1	#
14#	21000		0#		5		4.0		40	110.0			0.4		0.8		76.6		210.6#
15#	20750		0#	16		4		25		48.0		0.8		0.4		47.9		91.9	#
16#	20500		0#		3		6.0		36	64.0			0.2		0.7		68.9		122.5#
17#	20250		0#	40		10		30		51.0		2.3		1		57.4		97.6	#
18#	20000		0#		16				56				1.7				107.2		#
19#	19750		0#	58		9		26		33.0		2.9		0.6		49.8		63.2	#
20#	19500		0#		25		9.0		20	55.0			1		0.9		38.3		105.3#
21#	19250		0#	41		17		17		35.0		1.3		1.1		32.5		67	#
22#	19000		0#		37		47.0		35	38.0			2.5		3.4		67		72.7#
23#	18750		0#	29		44		38		34.0		2.1		2.9		72.7		65.1	#
24#	18500		0#		61		46.0		41	46.0			4.8		4.1		78.5		88.1#
25#	18250		0#	53		25		17		59.0		1.7		2.8		32.5		112.9	#
26#	18000		0#		42		40.0		24	48.0			1.9		3.7		45.9		91.9#
27#	17750		0#	92		95		26		19.0		4.6		3.5		49.8		36.4	#
28#	17500		0#		90		84.0		21	19.0			3.6		3.1		40.2		36.4#
29#	17250		0#	96		33		20		27.0		3.7		1.7		38.3		51.7	#

*****	*****	*****	***	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	#	N=1	METAL N=2	FACTOR N=3	 N=4	APP. N=1	RESIS N=2	T OHM.FT N=3	 N=4	F N=1	REQ. E N=2	FFECT N=3	 N=4	APP N=1	. RESI N=2	ST OHM N=3	.M # N=4
*****	*****	*****	***	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
30#	17000		0#		21				24				1				45.9		#
31#	16750		0#	40		36		20		36.0		1.5		2.5		38.3		68.9	#
32#	16500		0#		68		60.0		34		35.0		4.4		4.0		65.1		67.0#
33#	16250		0#	72		37		18		35.0		2.5		2.5		34.5		67	#
34#	16000		0#		45		40.0		22		35.0		1.9		2.7		42.1		67.0#
35#	15750		0#	46		35		13		23.0		1.1		1.5		24.9		44	#
36#	15500		0#		112		27.0		16		37.0		3.4		1.9		30.6		70.8#
37#	15250		0#			33		10		33.0				2.1		19.1		63.2	#
38#	15000		0#		48		40.0		25		30.0		2.3		2.3		47.9		57.4#
39#	14750		0#	57		35		14		29.0		1.5		1.9		26.8		55.5	#
40#	14500		0#		45		18.0		20		84.0		1.7		2.9		38.3		160.8#
41#	14250		0#	15		16		13		58.0		0.4		1.8		24.9		111	#
42#	14000		0#		24				34				1.6				65.1		#
43#	13750		0#	20		30		35		51.0		1.3		2.9		67		97.6	#
44#	13500		0#		33		27.0		55		33.0		3.5		1.7		105.3		63.2#
45#	13250		0#	26		6		38		94.0		1.9		1.1		72.7		179.9	#
46#	13000		0#		32		7.0		22		120.0		1.3		1.6		42.1		229.7#
47#	12750		0#	23		30		38		33.0		1.7		1.9		72.7		63.2	#
48#	12500		0#		24		12.0		59		50.0		2.7		1.1		112.9		95.7#
49#	12250		0#	20		20		46		102.0		1.8		3.9		88.1		195.2	#
50#	12000		0#		14				96				2.6				183.8		#
51#	11750		0#	13		9		23		130.0		0.6		2.2		44		248.8	#
52#	11500		0#		20		9.0		41		160.0		1.6		2.8		78.5		306.3#
53#	11250		0#	34		29		35		55.0		2.3		3.1		67		105.3	#
54#	11000		0#		15		26.0		60		65.0		1.7		3.2		114.8		124.4#
55#	10750		0#	24		48		46		62.0		2.1		5.7		88.1		118.7	#
56#	10500		0#		23		23.0		64		83.0		2.8		3.7		122.5		158.9#
57#	10250		0#	18		29		44		92.0		1.5		5.1		84.2		176.1	#
58#	10000		0#		24		15.0		82		110.0		3.8		3.2		157		210.6#
59#	9750		0#	23		10		43		103.0		1.9		2		82.3		197.2	#
60#	9500		0#		24		10.0		56		125.0		2.6		2.4		107.2		239.3#
61#	9250		0#	18		14		58		87.0		2		2.3		111		166.5	#
62#	9000		0#		14				85				2.3				162.7		#
63#	8750		0#	13		6		52		135.0		1.3		1.6		99.5		258.4	#
64#	8500		0#		13		18.0		108		126.0		2.7		4.3		206.7		241.2#

*****	*****	*****	***	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
			#		METAL	FACTOR		APP.	RESIS	T OHM.FT		F	REQ. E	FFECT		APP	. RESI	ST OHM	.M #
No	X	Y	#	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4 #
*****	*****	*****	***	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
65#	8250		0#	3		15		61		106.0		0.4		3		116.8		202.9	#
66#	8000		0#		13		12.0		78		145.0		1.9		3.3		149.3		277.6#
67#	7750		0#	15		28		48		75.0		1.4		4		91.9		143.6	#
68#	7500		0#		13		11.0		87		204.0		2.2		4.3		166.5		390.5#
69#	7250		0#	27		55		52		31.0		2.7		3.3		99.5		59.3	#
70#	7000		0#		21		5.0		97		220.0		3.9		2.1		185.7		421.1#
71#	6750		0#	9		19		55		98.0		0.9		3.6		105.3		187.6	#
72#	6500		0#		16		31.0		63		101.0		1.9		6.0		120.6		193.3#
73#	6250		0#	38		10		55		72.0		4		1.4		105.3		137.8	#
74#	6000		0#		18				71				2.4				135.9		#
75#	5750		0#	10		29		105		34.0		2		1.9		201		65.1	#
76#	5500		0#		27		23.0		51		61.0		2.6		2.7		97.6		116.8#
77#	5250		0#	33		23		33		87.0		2.1		3.8		63.2		166.5	#
78#	5000		0#		18		21.0		63		80.0		2.2		3.2		120.6		153.1#
79#	4750		0#	45		24		27		63.0		2.3		2.9		51.7		120.6	#
80#	4500		0#		52				27				2.7				51.7		#
81#	4250		0#	24		36		70		31.0		3.2		2.1		134		59.3	#
82#	4000		0#		36		28.0		25		48.0		1.7		2.6		47.9		91.9#
83#	3750		0#	27		25		30		32.0		1.6		1.5		57.4		61.3	#
84#	3500		0#		20		20.0		49		55.0		1.9		2.1		93.8		105.3#
85#	3250		0#	36		11		28		81.0		1.9		1.7		53.6		155	#
86#	3000		0#		37				52				3.7				99.5		#
87#	2750		0#	31		21		35		57.0		2.1		2.3		67		109.1	#
88#	2500		0#		36		24.0		36		68.0		2.5		3.1		68.9		130.2#
89#	2250		0#	46		34		35		44.0		3.1		2.9		67		84.2	#
90#	2000		0#		20		31.0		52		36.0		2		2.1		99.5		68.9#
91#	1750		0#	36		13		57		46.0		3.9		1.1		109.1		88.1	#
92#	1500		0#		13		16.0		56		32.0		1.4		1.0		107.2		61.3#
93#	1250		0#			25				40.0				1.9				76.6	#
*****	*****	*****	***	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

NORTH REGIONAL 40N 500 FEET ??-??
 IP 187.5W-235E LENGTH 42250 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST
 TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
			METAL		FACTOR		APP.		RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
1#	23500	4000		18					203				7				388.6		
2#	23250	4000	27			19		110		128		5.7		4.7		210.6		245	
3#	23000	4000		25					18				0.9				34.5		
4#	22750	4000	37			13		94		134		6.7		3.3		179.9		256.5	
5#	22500	4000		15		18		140		102			4		3.5		268		195.2
6#	22250	4000	11			14		135		102		2.8		2.7		258.4		195.2	
7#	22000	4000		13					95				2.4				181.8		
8#	21750	4000	45			13		26		173		2.2		4.3		49.8		331.1	
9#	21500	4000		28		7		37		348			2		4.7		70.8		666.1
10#	21250	4000	54			17		26		127		2.7		4.1		49.8		243.1	
11#	21000	4000		17		19		194		114			6.3		4.1		371.3		218.2
12#	20750	4000	22			35		76		7.7		3.2		0.5		145.5		14.7	
13#	20500	4000		46		39		66		75			5.8		5.6		126.3		143.6
14#	20250	4000	39			33		67		64		5		4		128.2		122.5	
15#	20000	4000		47		44		71		69			6.4		5.8		135.9		132.1
16#	19750	4000	25			43		105		88		5		7.2		201		168.4	
17#	19500	4000		8		15		425		186			6.5		5.3		813.5		356
18#	19250	4000	26			12		124		316		6.2		7.3		237.4		604.9	
19#	19000	4000		10				342					6.5				654.6		
20#	18750	4000	15			24		251		87		7.2		4		480.5		166.5	
21#	18500	4000		34		9		58		190			3.8		3.3		111		363.7
22#	18250	4000	24			12		63		124		2.9		2.8		120.6		237.4	
23#	18000	4000		21		10		108		186			4.3		3.6		206.7		356
24#	17750	4000	19			15		121		144		4.4		4.1		231.6		275.6	
25#	17500	4000		7		14		244		96			3.3		2.6		467.1		183.8
26#	17250	4000	22			10				145		22		2.8				277.6	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
			METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M	
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	17000	4000		37		9		60		170		4.2		2.9		114.8		325.4
28#	16750	4000	13		19		135		73		3.4		2.7		258.4		139.7	
29#	16500	4000		17		26		129		47		4.2		2.3		246.9		90
30#	16250	4000	11		15		126		85		2.7		2.4		241.2		162.7	
31#	16000	4000		16				100				3.1				191.4		
32#	15750	4000	22		12		40		91		1.7		2.1		76.6		174.2	
33#	15500	4000		36		4		36		280		2.5		2.1		68.9		536
34#	15250	4000	33		19		37		117		2.3		4.3		70.8		224	
35#	15000	4000		11		8		139		206		2.9		3.2		266.1		394.3
36#	14750	4000	15		9		60		249		1.7		4.3		114.8		476.6	
37#	14500	4000		19		7		116		236		4.2		3.2		222		451.7
38#	14250	4000	16		11		105		114		3.2		2.4		201		218.2	
39#	14000	4000		10		25		122		82		2.3		3.9		233.5		157
40#	13750	4000	11		18		260		105		5.5		3.6		497.7		201	
41#	13500	4000		37		30		72		47		5.1		2.7		137.8		90
42#	13250	4000	11		12		257		141		5.4		3.2		491.9		269.9	
43#	13000	4000		15				160				4.6				306.3		
44#	12750	4000	15		20		98		71		2.8		2.7		187.6		135.9	
45#	12500	4000		21		16		59		105		2.4		3.2		112.9		201
46#	12250	4000	56		20		25		92		2.7		3.5		47.9		176.1	
47#	12000	4000		37		26		46		54		3.3		2.7		88.1		103.4
48#	11750	4000	39		20		36		55		2.7		2.1		68.9		105.3	
49#	11500	4000		30		15		40		79		2.3		2.3		76.6		151.2
50#	11250	4000	85		21		13		61		2.1		2.5		24.9		116.8	
51#	11000	4000		40		12		25		83		1.9		1.9		47.9		158.9
52#	10750	4000	30		14		20		36		1.1		1		38.3		68.9	
53#	10500	4000		19		15		37		39		1.3		1.1		70.8		74.7
54#	10250	4000	32		22		25		46		1.5		1.9		47.9		88.1	
55#	10000	4000		29				36				2				68.9		
56#	9750	4000	42		19		24		52		1.9		1.9		45.9		99.5	
57#	9500	4000		10		6		40		145		0.8		1.7		76.6		277.6
58#	9250	4000	45		6		20		124		1.7		1.4		38.3		237.4	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
			METAL		FACTOR		APP.		RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	9000	4000		11		5		77		280			1.6		2.7		147.4		536
60#	8750	4000	18		5		33		209		1.1		2		63.2		400.1		
61#	8500	4000		8		6		110		258		1.7		3		210.6		493.8	
62#	8250	4000	7		7		55		130		0.7		1.7		105.3		248.8		
63#	8000	4000		21		8		94		158		3.8		2.4		179.9		302.4	
64#	7750	4000	15		5		92		143		2.6		1.4		176.1		273.7		
65#	7500	4000		8		120		155		35		2.4		8		296.7		67	
66#	7250	4000	7			82		273		40		3.7		6.3		522.6		76.6	
67#	7000	4000		65				55				6.8				105.3			
68#	6750	4000	78		6		65		115		9.7		1.3		124.4		220.1		
69#	6500	4000		40		26		124		115		9.5		5.7		237.4		220.1	
70#	6250	4000			11		99		154				3.2		189.5		294.8		
71#	6000	4000		11		11		159		220		3.3		4.6		304.3		421.1	
72#	5750	4000	43		8		72		236		5.9		3.6		137.8		451.7		
73#	5500	4000		40		4		108		243		8.3		1.9		206.7		465.1	
74#	5250	4000	9		60		150		83		2.6		9.5		287.1		158.9		
75#	5000	4000		9		74		190		66		3.3		9.3		363.7		126.3	
76#	4750	4000	26		6		186		179		9.3		2.1		356		342.6		
77#	4500	4000		34		7		156		152		10.2		2		298.6		290.9	
78#	4250	4000	21		35		167		153		6.7		10.3		319.7		292.9		
79#	4000	4000		15				209				6				400.1			
80#	3750	4000	5		31		283		112		2.7		6.6		541.7		214.4		
81#	3500	4000		17		35		163		195		5.3		13.1		312		373.3	
82#	3250	4000	8		14		111		280		1.7		7.5		212.5		536		
83#	3000	4000		9		20		190		250		3.3		9.6		363.7		478.5	
84#	2750	4000	5		16		165		176		1.6		5.4		315.8		336.9		
85#	2500	4000		12		7		112		228		2.6		3.1		214.4		436.4	
86#	2250	4000			4		56		113				0.9		107.2		216.3		
87#	2000	4000				18		62		168				5.8		118.7		321.6	
88#	1750	4000			3		100		300				1.7		191.4		574.2		
89#	1500	4000		11		7		184		148		3.9		2		352.2		283.3	
90#	1250	4000	35		32		87		138		5.8		8.5		166.5		264.2		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	APP. N=4	RESIS N=1	T OHM. N=2	FT N=3	F N=4	REQ. E N=1	FFECT N=2	APP N=3	. RESI N=4	ST OHM N=1	.M N=2			
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	1000	4000		28				89			4.8				170.4				
92#	750	4000	12		38	85		180		2		13.1	162.7		344.5				
93#	500	4000		17	150	175		167			5.7	47.9	335		319.7				
94#	250	4000			114	140		170				37.1	268		325.4				
95#	0	4000		91	86	146		242			25.4	39.8	279.5		463.2				
96#	-250	4000	81		68	107		190	16.6			24.7	204.8		363.7				
97#	-500	4000		56	115	145		156		15.5		34.3	277.6		298.6				
98#	-750	4000	42		88	210		145	16.9			24.4	402		277.6				
99#	-1000	4000		94	82	213		182		38.3		28.6	407.7		348.4				
100#	-1250	4000	2		151	445		200	1.7			57.8	851.8		382.8				
101#	-1500	4000			156	440		184				54.9	842.2		352.2				
102#	-1750	4000	8			316		473	4.8				604.9		905.4				
103#	-2000	4000		7		378				5.1			723.5						
104#	-2250	4000	13		35	190		371	4.7			24.9	363.7		710.1				
105#	-2500	4000		60	172	192		106		22.1		34.9	367.5		202.9				
106#	-2750	4000	10		298	598		61	11.4			34.8	1144.7		116.8				
107#	-3000	4000		94	92	130		157		23.4		27.6	248.8		300.5				
108#	-3250	4000	107		48	61		274	12.5			25.2	116.8		524.5				
109#	-3500	4000		68	58	143		205		18.6		22.8	273.7		392.4				
110#	-3750	4000			85	155		108				17.6	296.7		206.7				
111#	-4000	4000			73	123		120				16.8	235.4		229.7				
112#	-4250	4000	13			54		139	1.3				103.4		266.1				
113#	-4500	4000				59		200					112.9		382.8				
114#	-4750	4000	26			72		89	3.6				137.8		170.4				
115#	-5000	4000		11		124				2.6			237.4						
116#	-5250	4000	27		15	62		134	3.2			3.8	118.7		256.5				
117#	-5500	4000		29	7	99		270		5.5		3.6	189.5		516.8				
118#	-5750	4000	25		11	73		179	3.5			3.8	139.7		342.6				
119#	-6000	4000		11	15	166		146		3.5		4.2	317.7		279.5				
120#	-6250	4000	22		12	63		132	2.7			3	120.6		252.7				
121#	-6500	4000		46	12	37		190		3.3		4.4	70.8		363.7				
122#	-6750	4000	17		33	63		86	2.1			5.4	120.6		164.6				

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
			METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M	
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	-7000	4000		19		25		189		130		6.9		6.2		361.8		248.8
124#	-7250	4000	12		12		135		212		3.1		4.9		258.4		405.8	
125#	-7500	4000		5		14		288		327		2.8		8.8		551.3		625.9
126#	-7750	4000	4		8		236		420		1.8		6.4		451.7		803.9	
127#	-8000	4000		6				456				5.2				872.8		
128#	-8250	4000	7		6		391		432		5.2		5		748.4		826.9	
129#	-8500	4000		8		7		488		530		7.5		7.1		934.1		1014.5
130#	-8750	4000	8		6		347		580		5.3		6.7		664.2		1110.2	
131#	-9000	4000		5		7		566		578		5.4		7.7		1083.4		1106.4
132#	-9250	4000	7		5		525		642		7		6.1		1004.9		1228.9	
133#	-9500	4000		4		8		750		642		5.7		9.8		1435.6		1228.9
134#	-9750	4000	4		7		445		830		3.4		11.1		851.8		1588.7	
135#	-10000	4000		6		8		619		805		7.1		12.3		1184.9		1540.9
136#	-10250	4000	5		7		528		689		5.1		9.2		1010.7		1318.8	
137#	-10500	4000		7		5		677		810		9.1		7.8		1295.9		1550.5
138#	-10750	4000	9		4		343		830		5.9		6.4		656.6		1588.7	
139#	-11000	4000		8				450				6.9				861.4		
140#	-11250	4000	13		6		382		723		9.5		8.3		731.2		1383.9	
141#	-11500	4000		10		6		410		500		7.8		5.7		784.8		957.1
142#	-11750	4000	17		13		450		320		14.6		8		861.4		612.5	
143#	-12000	4000		22		9		288		664		12.1		11.4		551.3		1271
144#	-12250	4000	19		11		268		559		9.7		11.8		513		1070	
145#	-12500	4000		12		13		428		450		9.8		11.2		819.3		861.4
146#	-12750	4000	10		10		543		460		10.4		8.8		1039.4		880.5	
147#	-13000	4000		16		10		441		448		13.5		8.6		844.1		857.5
148#	-13250	4000	25		18		240		387		11.5		13.3		459.4		740.8	
149#	-13500	4000		33		21		189		220		11.9		8.8		361.8		421.1
150#	-13750	4000	16		48		376		120		11.5		11		719.7		229.7	
151#	-14000	4000		27				266				13.7				509.2		
152#	-14250	4000	21		40		290		162		11.7		12.4		555.1		310.1	
153#	-14500	4000		37		37		192		229		13.6		16.2		367.5		438.3
154#	-14750	4000	34		66		200		127		13		16		382.8		243.1	

[illegible]

NORTH REGIONAL 80S 500 FEET ??-??-?? ENVELOPE 2080
 IP 317.5W-242.5E LENGTH 56000 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST =-X, INCREASE EAST
 TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	24250	8000	32				66				4				126.3			
2#	24000	8000		75				29				4.2				55.5		
3#	23750	8000	100		20		17		90		3.3		3.4		32.5		172.3	
4#	23500	8000		27		47		62		17		3.2		1.5		118.7		32.5
5#	23250	8000	43		115		23		14		1.9		3.1		44		26.8	
6#	23000	8000		25				67				3.2				128.2		
7#	22750	8000	118		42		16		36		3.6		2.9		30.6		68.9	
8#	22500	8000		46		38		40		47		3.5		3.4		76.6		90
9#	22250	8000	158		38		12		48		3.6		3.5		23		91.9	
10#	22000	8000		35		21		20		56		1.3		2.3		38.3		107.2
11#	21750	8000	43		27		14		40		1.2		2.1		26.8		76.6	
12#	21500	8000		25		13		32		102		1.5		2.5		61.3		195.2
13#	21250	8000	105		11		9		89		1.8		1.9		17.2		170.4	
14#	21000	8000		33		10		30		97		1.9		1.9		57.4		185.7
15#	20750	8000	29		58		17		36		0.9		4		32.5		68.9	
16#	20500	8000		104		41		26		37		5.2		2.9		49.8		70.8
17#	20250	8000	34		52		68		31		4.4		3.1		130.2		59.3	
18#	20000	8000		26				85				4.2				162.7		
19#	19750	8000	27		31		120		64		6.2		3.8		229.7		122.5	
20#	19500	8000		24		22		119		72		5.5		3		227.8		137.8
21#	19250	8000	28		26		74		72		4		3.6		141.6		137.8	
22#	19000	8000		31		39		46		61		2.7		4.6		88.1		116.8
23#	18750	8000	10		33		105		76		2		4.8		201		145.5	
24#	18500	8000		13		29		142		62		3.5		3.4		271.8		118.7
25#	18250	8000	13		22		210		106		5.2		4.5		402		202.9	
26#	18000	8000		12		15		180		84		4.1		2.4		344.5		160.8

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	17750	8000	13		11		93		145		2.3		3.1		178		277.6	
28#	17500	8000		18		16		85		165		2.9		5.1		162.7		315.8
29#	17250	8000	14		21		90		105		2.4		4.2		172.3		201	
30#	17000	8000		13				120				3				229.7		
31#	16750	8000	18		11		61		154		2.1		3.2		116.8		294.8	
32#	16500	8000		15		9		91		150		2.6		2.6		174.2		287.1
33#	16250	8000	23		22		65		90		2.9		3.8		124.4		172.3	
34#	16000	8000		28		6		61		127		3.3		1.5		116.8		243.1
35#	15750	8000	29		4		41		97		2.3		0.7		78.5		185.7	
36#	15500	8000		9		6		80		99		1.4		1.1		153.1		189.5
37#	15250	8000	10		17		58		86		1.1		2.8		111		164.6	
38#	15000	8000		25		5		72		80		3.4		0.8		137.8		153.1
39#	14750	8000	10		15		63		72		1.2		2.1		120.6		137.8	
40#	14500	8000		8		22		71		88		1.1		3.7		135.9		168.4
41#	14250	8000	13		6		52		81		1.3		0.9		99.5		155	
42#	14000	8000		7		17		70		113		0.9		3.7		134		216.3
43#	13750	8000	5		30		62		91		0.6		5.2		118.7		174.2	
44#	13500	8000		12		10		65		110		1.5		2.1		124.4		210.6
45#	13250	8000	32		10		34		113		2.1		2.2		65.1		216.3	
46#	13000	8000		26		13		72		128		3.6		3.2		137.8		245
47#	12750	8000	25		10		44		95		2.1		1.8		84.2		181.8	
48#	12500	8000		27		37		75		52		3.9		3.7		143.6		99.5
49#	12250	8000	17		31		90		48		2.9		2.8		172.3		91.9	
50#	12000	8000		32				71				4.3				135.9		
51#	11750	8000	42		21		52		110		4.2		4.4		99.5		210.6	
52#	11500	8000		26		11		94		142		4.7		3		179.9		271.8
53#	11250	8000	20		27		70		134		2.7		6.9		134		256.5	
54#	11000	8000		15		11		115		178		3.3		3.7		220.1		340.7
55#	10750	8000	16		24		62		145		1.9		6.7		118.7		277.6	
56#	10500	8000		13		8		84		280		2.1		4.3		160.8		536
57#	10250	8000	16		12		72		155		2.2		3.6		137.8		296.7	
58#	10000	8000		9		17		155		203		2.7		6.6		296.7		388.6

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	9750	8000	8		11		101		211		1.5		4.4		193.3		403.9	
60#	9500	8000		13		11		165		188		4.1		4		315.8		359.9
61#	9250	8000	13		19		178		150		4.4		5.5		340.7		287.1	
62#	9000	8000		15				176				5.1				336.9		
63#	8750	8000	18		42		240		120		8.3		9.6		459.4		229.7	
64#	8500	8000		14		20		70		59		1.9		2.3		134		112.9
65#	8250	8000	11		32		91		78		1.9		4.8		174.2		149.3	
66#	8000	8000		27		13		75		125		3.9		3.1		143.6		239.3
67#	7750	8000	28		18		46		125		2.5		4.3		88.1		239.3	
68#	7500	8000		15				87		136		2.5				166.5		260.3
69#	7250	8000	16		57		43		95		1.3		10.4		82.3		181.8	
70#	7000	8000		78		15		50		166		7.5		4.8		95.7		317.7
71#	6750	8000	26		19		35				1.7		19		67			
72#	6500	8000		19		12		78		170		2.8		3.9		149.3		325.4
73#	6250	8000	15		37		52		128		1.5		9.1		99.5		245	
74#	6000	8000		18				128				4.4				245		
75#	5750	8000	23		8		67		238		2.9		3.6		128.2		455.6	
76#	5500	8000		40		6		58		224		4.4		2.6		111		428.8
77#	5250	8000	35		19		32		63		2.1		2.3		61.3		120.6	
78#	5000	8000		86		17		37		92		6.1		3		70.8		176.1
79#	4750	8000	16		26		32		53		1		2.6		61.3		101.4	
80#	4500	8000		61		12		54		120		6.3		2.8		103.4		229.7
81#	4250	8000	41		14		34		126		2.7		3.4		65.1		241.2	
82#	4000	8000		15		14		85		153		2.4		4.1		162.7		292.9
83#	3750	8000	39		9		42		106		3.1		1.8		80.4		202.9	
84#	3500	8000		20		17		69		76		2.6		2.5		132.1		145.5
85#	3250	8000	31		31		79		52		4.7		3.1		151.2		99.5	
86#	3000	8000		37				59				4.2				112.9		
87#	2750	8000	9		35		127		69		2.2		4.6		243.1		132.1	
88#	2500	8000		20		17		89		87		3.4		2.8		170.4		166.5
89#	2250	8000	27		9		52		122		2.7		2.1		99.5		233.5	
90#	2000	8000		23		5		81		236		3.6		2.3		155		451.7

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	1750	8000	42		8		42		176		3.4		2.7		80.4		336.9	
92#	1500	8000		9		10		121		162		2.1		3.1		231.6		310.1
93#	1250	8000	21		15		72		114		2.9		3.3		137.8		218.2	
94#	1000	8000		30		3		88		490		5.1		2.8		168.4		937.9
95#	750	8000	22		6		51		187		2.1		2.1		97.6		357.9	
96#	500	8000		17		7		146		230		4.8		3.1		279.5		440.3
97#	250	8000	16		13		211		184		6.5		4.6		403.9		352.2	
98#	0	8000		5				345				3.3				660.4		
99#	-250	8000	8		8		210		271		3.2		4.1		402		518.7	
100#	-500	8000		9		4		198		432		3.4		3.3		379		826.9
101#	-750	8000	8		7		202		330		3.1		4.4		386.7		631.7	
102#	-1000	8000		6		7		144		317		1.7		4.2		275.6		606.8
103#	-1250	8000	6		7		157		375		1.8		5		300.5		717.8	
104#	-1500	8000		9		4		285		273		4.9		2.1		545.5		522.6
105#	-1750	8000	9		7		137		191		2.4		2.6		262.2		365.6	
106#	-2000	8000		14		8		115		305		3.1		4.7		220.1		583.8
107#	-2250	8000	9		10		137		186		2.4		3.6		262.2		356	
108#	-2500	8000		9		5		256		255		4.4		2.4		490		488.1
109#	-2750	8000	12		4		104		421		2.4		3.2		199.1		805.9	
110#	-3000	8000		7				231				3.1				442.2		
111#	-3250	8000	12		8		188		308		4.3		4.7		359.9		589.6	
112#	-3500	8000		6		7		293		409		3.4		5.5		560.8		782.9
113#	-3750	8000	8		7		298		414		4.6		5.5		570.4		792.5	
114#	-4000	8000		4		15		485		297		3.7		8.5		928.4		568.5
115#	-4250	8000	10		7		209		387		4		5.2		400.1		740.8	
116#	-4500	8000		8		5		258		529		4		5.1		493.8		1012.6
117#	-4750	8000	13		6		337		497		8.4		5.7		645.1		951.3	
118#	-5000	8000		4		4		682		592		5.2		4.5		1305.4		1133.2
119#	-5250	8000	4		4		725		917		5.6		7		1387.8		1755.3	
120#	-5500	8000		3		4		983		756		5.6		5.8		1881.6		1447.1
121#	-5750	8000	5		3		925		921		8.9		5.3		1770.6		1762.9	
122#	-6000	8000		5				740				7.1				1416.5		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	-6250	8000	5		4		620		534		5.9		4.1		1186.8		1022.2	
124#	-6500	8000		4		3		457		1010		3.5		5.8		874.8		1933.3
125#	-6750	8000	9		3		346		1005		6		5.8		662.3		1923.7	
126#	-7000	8000		3		5		827		866		4.7		8.3		1583		1657.6
127#	-7250	8000	5		6		428		544		4.1		6.2		819.3		1041.3	
128#	-7500	8000		5		6		386		960		3.7		11		738.9		1837.6
129#	-7750	8000	9		6		415		458		7.1		5.3		794.4		876.7	
130#	-8000	8000		7		9		505		376		6.8		6.5		966.6		719.7
131#	-8250	8000	5		5		611		390		5.8		3.7		1169.5		746.5	
132#	-8500	8000		8		8		420		337		6.4		5.2		803.9		645.1
133#	-8750	8000	10		5		457		450		8.7		4.3		874.8		861.4	
134#	-9000	8000		8				450				6.9				861.4		
135#	-9250	8000	9		7		372		416		6.4		5.6		712.1		796.3	
136#	-9500	8000		8		7		346		579		5.3		7.8		662.3		1108.3
137#	-9750	8000	16		8		158		530		4.8		8.1		302.4		1014.5	
138#	-10000	8000		7		7		308		598		4.1		8		589.6		1144.7
139#	-10250	8000	23		12		141		341		6.2		7.8		269.9		652.7	
140#	-10500	8000		7		8		201		412		2.7		6.3		384.7		788.6
141#	-10750	8000	5		5		290		281		2.8		2.7		555.1		537.9	
142#	-11000	8000		6		18		310		260		3.6		9		593.4		497.7
143#	-11250	8000	15		9		297		230		8.5		4		568.5		440.3	
144#	-11500	8000		8		9		249		325		3.8		5.6		476.6		622.1
145#	-11750	8000	10		6		246		355		4.7		4.1		470.9		679.5	
146#	-12000	8000		8				295				4.5				564.7		
147#	-12250	8000	12		6		232		357		5.3		4.1		444.1		683.3	
148#	-12500	8000		11		13		272		348		5.7		8.7		520.6		666.1
149#	-12750	8000	15		16		234		267		6.7		8.2		447.9		511.1	
150#	-13000	8000		22		12		208		286		8.8		6.6		398.1		547.4
151#	-13250	8000	17		20		224		248		7.3		9.5		428.8		474.7	
152#	-13500	8000		7		8		280		372		3.8		5.7		536		712.1
153#	-13750	8000	12		8		253		455		5.8		7		484.3		870.9	
154#	-14000	8000		11		14		378		415		8		11.1		723.5		794.4

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	-14250	8000	10		13		388		384		7.4		9.6		742.7		735	
156#	-14500	8000		12		14		451		449		10.4		12		863.3		859.5
157#	-14750	8000	14		10		318				8.5		10		608.7			
158#	-15000	8000		7				507				6.8				970.5		
159#	-15250	8000	8		12		588		250		9		5.7		1125.5		478.5	
160#	-15500	8000		9		10		362		315		6.2		6		692.9		603
161#	-15750	8000	6		10		890		396		10.2		7.6		1703.6		758	
162#	-16000	8000		15		5		236		857		6.8		8.2		451.7		1640.4
163#	-16250	8000	14		9		211		457		5.7		7.9		403.9		874.8	
164#	-16500	8000		5		4		582		987		5.6		7.6		1114		1889.3
165#	-16750	8000	6		9		316		440		3.6		7.6		604.9		842.2	
166#	-17000	8000		5		4		710		1180		6.8		9		1359		2258.7
167#	-17250	8000	6		6		575		644		6.6		7.4		1100.6		1232.7	
168#	-17500	8000		6		4		660		875		7.6		6.7		1263.3		1674.9
169#	-17750	8000	9		4		429		990		7.4		7.6		821.2		1895	
170#	-18000	8000		4				760				5.8				1454.7		
171#	-18250	8000	1		5		1220		735		2.3		7		2335.3		1406.9	
172#	-18500	8000		3		6		1380		437		7.9		5		2641.5		836.5
173#	-18750	8000	3		3		910		850		5.2		4.9		1741.9		1627	
174#	-19000	8000		5				560				5.4				1071.9		
175#	-19250	8000	6		6		448		793		5.1		9.1		857.5		1517.9	
176#	-19500	8000		9				447				7.7				855.6		
177#	-19750	8000	5		7		521		688		5		9.2		997.3		1316.9	
178#	-20000	8000		8		7		386		1020		5.9		13.7		738.9		1952.4
179#	-20250	8000	11		8		298		600		6.3		9.2		570.4		1148.5	
180#	-20500	8000		6		24		550		320		6.3		14.7		1052.8		612.5
181#	-20750	8000	7		20		615		312		8.2		11.9		1177.2		597.2	
182#	-21000	8000		9				473				8.1				905.4		
183#	-21250	8000	26		23		148		319		7.4		14		283.3		610.6	
184#	-21500	8000		50		26		181		266		17.3		13.2		346.5		509.2
185#	-21750	8000	30		75		213		110		12.2		15.8		407.7		210.6	
186#	-22000	8000		37		33		179		212		12.7		13.4		342.6		405.8

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM		.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
187#	-22250	8000	42		21		153		299		12.3		12		292.9		572.3		
188#	-22500	8000		29		12		220		566		12.2		13		421.1			1083.4
189#	-22750	8000	17		23		300		363		9.8		16		574.2		694.8		
190#	-23000	8000		10		28		546		268		10.5		14.4		1045.1			513
191#	-23250	8000	11		21		544		339		11.5		13.6		1041.3		648.9		
192#	-23500	8000		16		16		373		458		11.4		14		714			876.7
193#	-23750	8000	10		12		319		532		6.1		12.2		610.6		1018.3		
194#	-24000	8000		6				561				6.4				1073.8			
195#	-24250	8000	6		6		640		655		7.4		7.5		1225.1		1253.8		
196#	-24500	8000		6		14		975		388		11.2		10.4		1866.3			742.7
197#	-24750	8000	10		11		402		635		7.7		13.4		769.5		1215.5		
198#	-25000	8000		15		7		333		666		9.6		8.9		637.4			1274.8
199#	-25250	8000	11		9		337		398		7.1		6.9		645.1		761.8		
200#	-25500	8000		6		12		525		369		6		8.5		1004.9			706.3
201#	-25750	8000	12		7		321		556		7.4		7.4		614.4		1064.3		
202#	-26000	8000		7		9		225		535		3		9.2		430.7			1024.1
203#	-26250	8000	16		10		245		470		7.5		9		469		899.6		
204#	-26500	8000		13		11		292		470		7.3		9.9		558.9			899.6
205#	-26750	8000	18		15		209		326		7.2		9.4		400.1		624		
206#	-27000	8000		18				312				10.7				597.2			
207#	-27250	8000	18		67		281		113		9.7		14.5		537.9		216.3		
208#	-27500	8000		55		42		111		167		11.7		13.4		212.5			319.7
209#	-27750	8000	56		20		86		150		9.2		5.7		164.6		287.1		
210#	-28000	8000		32		14		128		275		7.8		7.4		245			526.4
211#	-28250	8000	49		23		68		150		6.4		6.6		130.2		287.1		
212#	-28500	8000		13		26		163		135		4.1		6.7		312			258.4
213#	-28750	8000	45		26		89		179		7.7		8.9		170.4		342.6		
214#	-29000	8000		9		28		351		167		6		9		671.9			319.7
215#	-29250	8000	10		13		135		250		2.6		6.2		258.4		478.5		
216#	-29500	8000		9		12		150		207		2.6		4.8		287.1			396.2
217#	-29750	8000	27		16		103		122		5.3		3.7		197.2		233.5		
218#	-30000	8000		29				129				7.2				246.9			

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
219#	-30250	8000	78		17		47		204		7		6.6		90		390.5	
220#	-30500	8000		30		11		100		353		5.7		7.4		191.4		675.7
221#	-30750	8000	72		16		39		196		5.4		6		74.7		375.2	
222#	-31000	8000		49		9		82		339		7.7		5.8		157		648.9
223#	-31250	8000	69		21		49		152		6.5		6.1		93.8		290.9	
224#	-31500	8000		27		20		85		176		4.4		6.7		162.7		336.9
225#	-31750	8000			39				105				7.8				201	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

REGIONAL 120N 500 FEET ??-?
 V-237.5E LENGTH 54750 FEET
 GEOCHEMISTRY nil
 NE STATIONS INCREASE WEST
 RSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIST	OHM.F	T	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	23750	12000			37				47				3.3				90	
2#	23500	12000				50		88		30				2.9		168.4		57.4
3#	23250	12000	14		16		91		62		2.4		1.9		174.2		118.7	
4#	23000	12000		14		20		72		76		1.9		2.9		137.8		145.5
5#	22750	12000	5		22		412		93		3.9		3.9		788.6		178	
6#	22500	12000		5		18		414		170		4		5.9		792.5		325.4
7#	22250	12000	6		5		542		647		6.2		6.2		1037.5		1238.5	
8#	22000	12000		5				840				8				1607.9		
9#	21750	12000	8		7		533		560		8.2		7.5		1020.2		1071.9	
10#	21500	12000		9		6		389		364		6.7		4.2		744.6		696.7
11#	21250	12000	12		7		361		261		8.3		3.5		691		499.6	
12#	21000	12000		13		8		262		246		6.5		3.8		501.5		470.9
13#	20750	12000	6		8		283		271		3.3		4.1		541.7		518.7	
14#	20500	12000		10		5		286		812		5.5		7.8		547.4		1554.3
15#	20250	12000	11		3		93	1	230		2		7.1		178		2354.4	
16#	20000	12000		5		3		419		602		4		3.5		802		1152.3
17#	19750	12000	14		4		141		240		3.8		1.8		269.9		459.4	
18#	19500	12000		7		11		110		139		1.5		2.9		210.6		266.1
19#	19250	12000	16		11		108		46		3.3		1		206.7		88.1	
20#	19000	12000		23				64				2.8				122.5		
21#	18750	12000	25		40		79		63		3.8		4.8		151.2		120.6	
22#	18500	12000		15		28		101		62		2.9		3.3		193.3		118.7
23#	18250	12000	21		19		48		108		1.9		3.9		91.9		206.7	
24#	18000	12000		27		14		56		128		2.9		3.4		107.2		245
25#	17750	12000	12		25		128		71		2.9		3.4		245		135.9	
26#	17500	12000		13		18		191		111		4.8		3.8		365.6		212.5

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIST N=2	OHM.F N=3	T N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	17250	12000	16		7		138		303		4.2		4.1		264.2		580	
28#	17000	12000		9		7		264		241		4.5		3.2		505.3		461.3
29#	16750	12000	10		13		204		230		3.9		5.7		390.5		440.3	
30#	16500	12000		12		8		217		290		5		4.4		415.4		555.1
31#	16250	12000	16		11		170		284		5.2		6		325.4		543.6	
32#	16000	12000		13				196				4.9				375.2		
33#	15750	12000	19		10		144		262		5.2		5		275.6		501.5	
34#	15500	12000		9		8		242		329		4.2		5		463.2		629.8
35#	15250	12000	23		7		121		321		5.3		4.3		231.6		614.4	
36#	15000	12000		13		14		193		196		4.8		5.3		369.4		375.2
37#	14750	12000	14		17		129		117		3.5		3.8		246.9		224	
38#	14500	12000		32		12		85		213		5.2		4.9		162.7		407.7
39#	14250	12000	18		13		55		176		1.9		4.4		105.3		336.9	
40#	14000	12000		9		12		131		193		2.3		4.4		250.8		369.4
41#	13750	12000	11		8		94		162		2		2.5		179.9		310.1	
42#	13500	12000		7		7		140		173		1.9		2.3		268		331.1
43#	13250	12000	16		4		110		169		3.4		1.3		210.6		323.5	
44#	13000	12000		16				142				4.3				271.8		
45#	12750	12000	12		10		162		215		3.7		4.1		310.1		411.5	
46#	12500	12000		7		7		285		278		3.8		3.7		545.5		532.1
47#	12250	12000	9		5		160		372		2.8		3.6		306.3		712.1	
48#	12000	12000		8		5		261		297		4		2.8		499.6		568.5
49#	11750	12000	7		7		180		296		2.4		4		344.5		566.6	
50#	11500	12000		6		6		239		305		2.7		3.5		457.5		583.8
51#	11250	12000	7		11		250		231		3.3		4.9		478.5		442.2	
52#	11000	12000		10		8		258		221		4.9		3.4		493.8		423
53#	10750	12000	11		10		199		228		4.2		4.4		380.9		436.4	
54#	10500	12000		11		4		183		350		3.9		2.7		350.3		670
55#	10250	12000	11		10		161		286		3.4		5.5		308.2		547.4	
56#	10000	12000		9				280				4.8				536		
57#	9750	12000	6		8		221		294		2.5		4.5		423		562.8	
58#	9500	12000		11		12		281		144		5.9		3.3		537.9		275.6

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIST N=2	OHM.F N=3	T N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	9250	12000	12		13		150		154		3.4		3.8		287.1		294.8	
60#	9000	12000		21		9		95		223		3.8		3.8		181.8		426.9
61#	8750	12000	17		14		74		103		2.4		2.8		141.6		197.2	
62#	8500	12000		14		8		124		246		3.3		3.8		237.4		470.9
63#	8250	12000	23		8		66		224		2.9		3.4		126.3		428.8	
64#	8000	12000		25		8		113		259		5.4		4		216.3		495.8
65#	7750	12000	28		17		81		144		4.3		4.7		155		275.6	
66#	7500	12000		31		14		97		208		5.8		5.6		185.7		398.1
67#	7250	12000	19		15		158		135		5.7		3.9		302.4		258.4	
68#	7000	12000		12				248				5.7				474.7		
69#	6750	12000	11		12		197		264		4.1		6.1		377.1		505.3	
70#	6500	12000		13		11		260		280		6.5		5.9		497.7		536
71#	6250	12000	19		12		188		276		6.8		6.3		359.9		528.3	
72#	6000	12000		16		10		184		218		5.6		4.2		352.2		417.3
73#	5750	12000	11		13		272		149		5.7		3.7		520.6		285.2	
74#	5500	12000		12		16		207		142		4.8		4.3		396.2		271.8
75#	5250	12000	19		11		118		186		4.3		3.9		225.9		356	
76#	5000	12000		15		10		118		244		3.4		4.7		225.9		467.1
77#	4750	12000	11		7		135		152		2.8		2		258.4		290.9	
78#	4500	12000		8		8		157		289		2.4		4.4		300.5		553.2
79#	4250	12000	19		7		54		310		2		4.2		103.4		593.4	
80#	4000	12000		12				125				2.9				239.3		
81#	3750	12000	20		9		75		148		2.9		2.5		143.6		283.3	
82#	3500	12000		11		25		110		81		2.3		3.9		210.6		155
83#	3250	12000	6		19		84		65		1		2.4		160.8		124.4	
84#	3000	12000		9		16		59		79		1		2.4		112.9		151.2
85#	2750	12000	29		8		52		75		2.9		1.1		99.5		143.6	
86#	2500	12000		29		6		69		127		3.8		1.5		132.1		243.1
87#	2250	12000	22		10		46		124		1.9		2.4		88.1		237.4	
88#	2000	12000		16		8		76		190		2.3		2.9		145.5		363.7
89#	1750	12000	33		10		30		124		1.9		2.4		57.4		237.4	
90#	1500	12000		19		12		53		170		1.9		3.9		101.4		325.4

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIST N=2	OHM.F N=3	T N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	1250	12000	15		13		66		74		1.9		1.8		126.3		141.6	
92#	1000	12000		15				98				2.8				187.6		
93#	750	12000	11		16		89		127		1.9		3.9		170.4		243.1	
94#	500	12000		13		18		133		114		3.3		3.9		254.6		218.2
95#	250	12000	19		12		81		122		2.9		2.8		155		233.5	
96#	0	12000		22		12		90		160		3.8		3.7		172.3		306.3
97#	-250	12000	32		11		71		135		4.3		2.8		135.9		258.4	
98#	-500	12000		25		7		122		258		5.8		3.5		233.5		493.8
99#	-750	12000	22		14		91		148		3.8		4		174.2		283.3	
100#	-1000	12000		19		18		120		217		4.4		7.5		229.7		415.4
101#	-1250	12000	17		10		73		199		2.4		3.8		139.7		380.9	
102#	-1500	12000		17		8		133		355		4.3		5.4		254.6		679.5
103#	-1750	12000	21		11		73		257		2.9		5.4		139.7		491.9	
104#	-2000	12000		15				62				1.8				118.7		
105#	-2250	12000	18		18		128		180		4.4		6.2		245		344.5	
106#	-2500	12000		20		15		147		266		5.6		7.6		281.4		509.2
107#	-2750	12000	23		12		118		190		5.2		4.4		225.9		363.7	
108#	-3000	12000		20				148				5.7				283.3		
109#	-3250	12000	12				226				5.2				432.6			
110#	-3500	12000		13		9		231		317		5.7		5.5		442.2		606.8
111#	-3750	12000	17		8		187		416		6.1		6.4		357.9		796.3	
112#	-4000	12000		12		7		286		477		6.6		6.4		547.4		913
113#	-4250	12000	11		12		300		291		6.3		6.7		574.2		557	
114#	-4500	12000		10		12		365		310		7		7.1		698.7		593.4
115#	-4750	12000	10		10		337		421		6.5		8.1		645.1		805.9	
116#	-5000	12000		11				345				7.3				660.4		
117#	-5250	12000	6		12		632		252		7.3		5.8		1209.7		482.4	
118#	-5500	12000		8		15		407		161		6.2		4.6		779.1		308.2
119#	-5750	12000	11		10		206		265		4.3		5.1		394.3		507.2	
120#	-6000	12000		13		6		148		479		3.7		5.5		283.3		916.9
121#	-6250	12000	18		8		85		333		2.9		5.1		162.7		637.4	
122#	-6500	12000		9		5		201		600		3.5		5.7		384.7		1148.5

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIST N=2	OHM.F N=3	T N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	-6750	12000	14		6		111		396		3		4.5		212.5		758	
124#	-7000	12000		8		6		253		527		3.9		6.1		484.3		1008.8
125#	-7250	12000	19		8		107		355		3.9		5.4		204.8		679.5	
126#	-7500	12000		16		9		156		394		4.8		6.8		298.6		754.2
127#	-7750	12000	14		17		155		181		4.2		5.9		296.7		346.5	
128#	-8000	12000		15				194				5.6				371.3		
129#	-8250	12000	12		9		248		264		5.7		4.5		474.7		505.3	
130#	-8500	12000		9		7		346		278		6		3.7		662.3		532.1
131#	-8750	12000	10		7		409		354		7.8		4.7		782.9		677.6	
132#	-9000	12000		7		8		461		375		6.2		5.7		882.4		717.8
133#	-9250	12000	11		6		240		595		5.1		6.8		459.4		1138.9	
134#	-9500	12000		9		6		400		724		6.9		8.3		765.7		1385.8
135#	-9750	12000	9		8		286		547		4.9		8.4		547.4		1047	
136#	-10000	12000		7		6		490		730		6.6		8.4		937.9		1397.3
137#	-10250	12000	8		8		335		635		5.1		9.7		641.2		1215.5	
138#	-10500	12000		9		7		428		550		7.4		7.4		819.3		1052.8
139#	-10750	12000	4		10		335		383		2.6		7.3		641.2		733.1	
140#	-11000	12000		11				330				6.9				631.7		
141#	-11250	12000	9		8		292		335		5		5.1		558.9		641.2	
142#	-11500	12000		10		11		287		300		5.5		6.3		549.4		574.2
143#	-11750	12000	11		9		186		294		3.9		5.1		356		562.8	
144#	-12000	12000		13		10		205		353		5.1		6.8		392.4		675.7
145#	-12250	12000	18		7		138		273		4.8		3.7		264.2		522.6	
146#	-12500	12000		12		9		188		300		4.3		5.2		359.9		574.2
147#	-12750	12000	16		13		127		200		3.9		5		243.1		382.8	
148#	-13000	12000		13		6		137		468		3.4		5.4		262.2		895.8
149#	-13250	12000	20		8		76		350		2.9		5.4		145.5		670	
150#	-13500	12000		9		7		219		406		3.8		5.4		419.2		777.1
151#	-13750	12000	11		7		139		268		2.9		3.6		266.1		513	
152#	-14000	12000		12				187				4.3				357.9		
153#	-14250	12000	16		12		144		242		4.4		5.6		275.6		463.2	
154#	-14500	12000		16		11		188		284		5.8		6		359.9		543.6

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIST N=2	OHM.F N=3	T N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	-14750	12000	11		13		261		225		5.5		5.6		499.6		430.7	
156#	-15000	12000		11		15		334		267		7		7.7		639.3		511.1
157#	-15250	12000	14		7		218		440		5.8		5.9		417.3		842.2	
158#	-15500	12000		8		8		363		360		5.6		5.5		694.8		689.1
159#	-15750	12000	9		8		343		306		5.9		4.7		656.6		585.7	
160#	-16000	12000		11		10		306		279		6.4		5.3		585.7		534
161#	-16250	12000	7		10		343		290		4.6		5.6		656.6		555.1	
162#	-16500	12000		7		9		306		305		4.1		5.3		585.7		583.8
163#	-16750	12000	8		7		218		328		3.3		4.4		417.3		627.8	
164#	-17000	12000		9				261				4.5				499.6		
165#	-17250	12000	9		5		162		663		2.8		6.3		310.1		1269.1	
166#	-17500	12000		6		4		492		515		5.7		3.9		941.8		985.8
167#	-17750	12000	6		8		289		329		3.3		5		553.2		629.8	
168#	-18000	12000		13		4		211		389		5.3		3		403.9		744.6
169#	-18250	12000	19		8		120		284		4.4		4.3		229.7		543.6	
170#	-18500	12000		12		7		193		417		4.4		5.6		369.4		798.2
171#	-18750	12000	7		6		259		294		3.5		3.4		495.8		562.8	
172#	-19000	12000		7		9		471		327		6.3		5.6		901.6		625.9
173#	-19250	12000	5		5		316		560		3		5.4		604.9		1071.9	
174#	-19500	12000		7		4		436		897		5.8		6.9		834.6		1717
175#	-19750	12000	7		5		270		780		3.6		7.5		516.8		1493	
176#	-20000	12000		6				637				7.3				1219.3		
177#	-20250	12000	5		6		532		650		5.1		7.5		1018.3		1244.2	
178#	-20500	12000		4		6		600		617		4.6		7.1		1148.5		1181
179#	-20750	12000	5		6		386		582		3.7		6.7		738.9		1114	
180#	-21000	12000		7		6		425		807		5.7		9.3		813.5		1544.7
181#	-21250	12000	7		6		294		641		3.9		7.4		562.8		1227	
182#	-21500	12000		7		6		528		625		7.1		7.2		1010.7		1196.3
183#	-21750	12000	8		7		400		553		6.1		7.4		765.7		1058.5	
184#	-22000	12000		11		6		361		717		7.6		8.2		691		1372.4
185#	-22250	12000	9		6		326		509		5.6		5.8		624		974.3	
186#	-22500	12000		7		15		426		275		5.7		7.9		815.4		526.4

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIST N=2	OHM.F N=3	T N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
187#	-22750	12000	11		18		355		254		7.5		8.8		679.5		486.2	
188#	-23000	12000		19				235				8.5				449.8		
189#	-23250	12000	21		11		144		548		5.8		11.5		275.6		1049	
190#	-23500	12000		12		25		398		232		9.1		11.1		761.8		444.1
191#	-23750	12000	14		15		232		367		6.2		10.5		444.1		702.5	
192#	-24000	12000		13		10		270		383		6.7		7.3		516.8		733.1
193#	-24250	12000	16		9		139		305		4.3		5.3		266.1		583.8	
194#	-24500	12000		11		7		175		363		3.7		4.9		335		694.8
195#	-24750	12000	12		12		190		181		4.4		4.2		363.7		346.5	
196#	-25000	12000		11		22		226		196		4.8		8.3		432.6		375.2
197#	-25250	12000	10		15		175		281		3.3		8.1		335		537.9	
198#	-25500	12000		19		14		238		337		8.7		9		455.6		645.1
199#	-25750	12000	29		14		129		297		7.2		8		246.9		568.5	
200#	-26000	12000		23				200				8.8				382.8		
201#	-26250	12000	38		12		144		261		10.5		6		275.6		499.6	
202#	-26500	12000		23		5		209		156		9.2		1.5		400.1		298.6
203#	-26750	12000	47		14		118		142		10.6		3.8		225.9		271.8	
204#	-27000	12000		34		18		87		123		5.7		4.2		166.5		235.4
205#	-27250	12000	54		47		79		81		8.2		7.3		151.2		155	
206#	-27500	12000		66		31		68		154		8.6		9.1		130.2		294.8
207#	-27750	12000	49		37		46		141		4.3		10		88.1		269.9	
208#	-28000	12000		27		34		113		145		5.8		9.4		216.3		277.6
209#	-28250	12000	38		23		46		129		3.3		5.7		88.1		246.9	
210#	-28500	12000		21		14		61		259		2.5		6.9		116.8		495.8
211#	-28750	12000	11		6		133		128		2.8		1.5		254.6		245	
212#	-29000	12000		8				279				4.3				534		
213#	-29250	12000	9		7		227		373		3.9		5		434.5		714	
214#	-29500	12000		6		7		387		517		4.4		6.9		740.8		989.6
215#	-29750	12000	7		5		242		577		3.2		5.5		463.2		1104.5	
216#	-30000	12000		5		6		435		507		4.2		5.8		832.7		970.5
217#	-30250	12000	2		7		1110		368		4.2		4.9		2124.7		704.4	
218#	-30500	12000		3		5		917		507		5.3		4.9		1755.3		970.5

****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	
219#	-30750	12000			3			1	290				7.4				2469.2		
220#	-31000	12000				2			1	330				5.1				2545.8	

NORTH REGIONAL 160N 500 FEET ??-?
 IP 310W-237.5E LENGTH 54750 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST
 TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	METAL FACTOR			APP. RESIST OHM. FT F				REQ. E FFECT				APP . RESI ST OHM .M					
*****	*****	*****	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	*****
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	23750	16000			11				245				5.2					469	
2#	23500	16000		20		8		149		313		5.7		4.8		285.2		599.1	
3#	23250	16000	12	0	15		102		195		2.3		5.6		195.2		373.3		
4#	23000	16000		17		11		148		225		4.8		4.7		283.3		430.7	
5#	22750	16000	14	0	10		90		183		2.4		3.5		172.3		350.3		
6#	22500	16000		12		7		130		184		3		2.5		248.8		352.2	
7#	22250	16000	14	0	7		89		142		2.4		1.9		170.4		271.8		
8#	22000	16000		12				108				2.5				206.7			
9#	21750	16000	11	0	14		88		125		1.9		3.3		168.4		239.3		
10#	21500	16000		18		12		110		212		3.8		4.9		210.6		405.8	
11#	21250	16000	21	0	12		71		209		2.9		4.8		135.9		400.1		
12#	21000	16000		12		13		162		240		3.7		6		310.1		459.4	
13#	20750	16000	17	0	12		90		185		2.9		4.2		172.3		354.1		
14#	20500	16000		22		9		112		288		4.7		5		214.4		551.3	
15#	20250	16000	40	0	18		69		176		5.3		6.1		132.1		336.9		
16#	20000	16000		32		14		109		212		6.7		5.7		208.6		405.8	
17#	19750	16000	54	0	29		69		138		7.1		7.7		132.1		264.2		
18#	19500	16000		33		20		105		162		6.6		6.2		201		310.1	
19#	19250	16000	51	0	27		74		137		7.2		7.1		141.6		262.2		
20#	19000	16000		36				103				7.1				197.2			
21#	18750	16000	32	0	23		110		155		6.7		6.8		210.6		296.7		
22#	18500	16000		22		17		180		220		7.6		7.2		344.5		421.1	
23#	18250	16000	27	0	14		110		273		5.7		7.3		210.6		522.6		
24#	18000	16000		19		12		187		313		6.8		7.2		357.9		599.1	
25#	17750	16000	24	0	12		123		242		5.7		5.6		235.4		463.2		
26#	17500	16000		17		18		180		182		5.9		6.3		344.5		348.4	
27#	17250	16000	12	0	21		165		146		3.8		5.9		315.8		279.5		
28#	17000	16000		17		21		146		140		4.8		5.6		279.5		268	
29#	16750	16000	10	0	18		147		136		2.8		4.7		281.4		260.3		
30#	16500	16000		14		15		156		151		4.2		4.3		298.6		289	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
			METAL	FACTOR		APP.	RESIST	OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M	
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
31#	16250	16000	14	0	8	104		180		2.8		2.8		199.1		344.5		
32#	16000	16000		14			127					3.4				243.1		
33#	15750	16000	21	0	7	60		248		2.4		3.3		114.8		474.7		
34#	15500	16000		11	10		138		235		2.9		4.5		264.2		449.8	
35#	15250	16000	14	0	12	107		150		2.9		3.4		204.8		287.1		
36#	15000	16000		16	11		129		180		4		3.8		246.9		344.5	
37#	14750	16000	14	0	15	122		164		3.3		4.7		233.5		313.9		
38#	14500	16000		10	8		181		228		3.5		3.5		346.5		436.4	
39#	14250	16000	9	0	8	164		254		2.8		3.9		313.9		486.2		
40#	14000	16000		8	7		268		388		4.1		5.2		513		742.7	
41#	13750	16000	13	0	7	133		444		3.3		5.9		254.6		849.9		
42#	13500	16000		10	4		250		686		4.8		5.3		478.5		1313.1	
43#	13250	16000	9	0	6	166		428		2.9		4.9		317.7		819.3		
44#	13000	16000		6			327				3.8				625.9			
45#	12750	16000	10	0	7	227		407		4.3		5.5		434.5		779.1		
46#	12500	16000		8	4		322		513		4.9		3.9		616.4		982	
47#	12250	16000	7	0	7	240		418		3.2		5.6		459.4		800.1		
48#	12000	16000		8	6		370		502		5.7		5.8		708.2		960.9	
49#	11750	16000	8	0	7	305		421		4.7		5.6		583.8		805.9		
50#	11500	16000		9	4		321		678		5.5		5.2		614.4		1297.8	
51#	11250	16000	10	0	6	263		534		5		6.1		503.4		1022.2		
52#	11000	16000		7	6		443		405		5.9		4.7		848		775.2	
53#	10750	16000	9	0	9	240		346		4.1		6		459.4		662.3		
54#	10500	16000		9	11		233		198		4		4.2		446		379	
55#	10250	16000	12	0	13	167		152		3.8		3.8		319.7		290.9		
56#	10000	16000		22			137				5.8				262.2			
57#	9750	16000	25	0	13	81		154		3.9		3.8		155		294.8		
58#	9500	16000		12	7		125		294		2.9		3.9		239.3		562.8	
59#	9250	16000	17	0	8	60		252		2		3.9		114.8		482.4		
60#	9000	16000		19	11		122		242		4.4		5.1		233.5		463.2	
61#	8750	16000	12	0	16	124		126		2.8		3.9		237.4		241.2		
62#	8500	16000		12	10		129		176		3		3.4		246.9		336.9	
63#	8250	16000	12	0	7	146		178		3.4		2.4		279.5		340.7		
64#	8000	16000		8	13		210		153		3.2		3.8		402		292.9	
65#	7750	16000	6	0	9	403		204		4.6		3.5		771.4		390.5		
66#	7500	16000		7	5		375		288		5		2.8		717.8		551.3	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
			METAL	FACTOR		APP.	RESIST	OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M	
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
67#	7250	16000	10	0	7	194		522		3.7		7		371.3		999.2		
68#	7000	16000		9			293					5			560.8			
69#	6750	16000	7	0	7	219		408		2.9		5.5		419.2		781		
70#	6500	16000		7	8	300		395			4	6		574.2		756.1		
71#	6250	16000	8	0	8	226		356		3.5		5.5		432.6		681.4		
72#	6000	16000		17	5	244		438		7.9		4.2		467.1		838.4		
73#	5750	16000	23	0	7	175		370		7.7		5		335		708.2		
74#	5500	16000		10	6	258		500		4.9		5.7		493.8		957.1		
75#	5250	16000	17	0	6	130		470		4.2		5.4		248.8		899.6		
76#	5000	16000		8	6	292		500		4.5		5.7		558.9		957.1		
77#	4750	16000	5	0	7	153		343		1.5		4.6		292.9		656.6		
78#	4500	16000		6	9	203		333			2.3	5.7		388.6		637.4		
79#	4250	16000	5	0	10	161		210		1.5		4		308.2		402		
80#	4000	16000		13			180				4.5			344.5				
81#	3750	16000	13	0	7	179		330		4.5		4.4		342.6		631.7		
82#	3500	16000		8	8	333		419		5.1		6.4		637.4		802		
83#	3250	16000	10	0	6	180		477		3.4		5.5		344.5		913		
84#	3000	16000		8			282	266		4.3				539.8		509.2		
85#	2750	16000	14	0	7	219		345		5.9		4.6		419.2		660.4		
86#	2500	16000		11	7	265		379		5.6		5.1		507.2		725.5		
87#	2250	16000	7	0	6	580		446		7.8		5.1		1110.2		853.7		
88#	2000	16000		5	15	697		148			6.7	4.2		1334.2		283.3		
89#	1750	16000	7	0	8	503		334		6.7		5.1		962.8		639.3		
90#	1500	16000		11	10	250		337		5.3		6.5		478.5		645.1		
91#	1250	16000	7	0	12	188		275		2.5		6.3		359.9		526.4		
92#	1000	16000		15		197				5.7				377.1				
93#	750	16000	13	0	6	155		527		3.9		6.1		296.7		1008.8		
94#	500	16000		7	7	421		405		5.6		5.4		805.9		775.2		
95#	250	16000	16	0	11	155		318		4.7		6.7		296.7		608.7		
96#	0	16000		17	9	146		323		4.8		5.6		279.5		618.3		
97#	-250	16000	14	0	12	122		152		3.3		3.5		233.5		290.9		
98#	-500	16000		12	11	142		159			3.3	3.3		271.8		304.3		
99#	-750	16000	12	0	10	281		147		6.5		2.8		537.9		281.4		
100#	-1000	16000		12	19	377		145		8.7		5.3		721.6		277.6		
101#	-1250	16000	14	0	10	106		339		2.8		6.5		202.9		648.9		
102#	-1500	16000		16	6	140		691			4.3	7.9		268		1322.7		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
			METAL	FACTOR		APP.	RESIST	OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M	
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
103#	-1750	16000	10	0	8	77			340		1.5		5.2		147.4		650.8	
104#	-2000	16000		14				218				5.8				417.3		
105#	-2250	16000	8	0	7	132			361		2		4.8		252.7		691	
106#	-2500	16000		9	5		278			695		4.8		6.7		532.1	1330.3	
107#	-2750	16000	8	0	7	128			578		2		7.7		245		1106.4	
108#	-3000	16000		10	8		352			523		6.7		8		673.8	1001.1	
109#	-3250	16000	11	0	11	209			324		4.4		6.8		400.1		620.2	
110#	-3500	16000		10	4		240			695		4.6		5.3		459.4	1330.3	
111#	-3750	16000	12	0	6	316			550		7.3		6.3		604.9		1052.8	
112#	-4000	16000		8	5		400			730		6.1		7		765.7	1397.3	
113#	-4250	16000	7	0	5	472			750		6.3		7.2		903.5		1435.6	
114#	-4500	16000		4	6		977			692		7.5		7.9		1870.1	1324.6	
115#	-4750	16000	4	0	4	706			907		5.4		6.9		1351.4		1736.1	
116#	-5000	16000		5			652					6.2				1248		
117#	-5250	16000	6	0	7	496			412		5.7		5.5		949.4		788.6	
118#	-5500	16000		6	5		350			711		4		6.8		670	1361	
119#	-5750	16000	7	0	5	373			628		5		6		714		1202.1	
120#	-6000	16000		4	4		810			716		6.2		5.5		1550.5	1370.5	
121#	-6250	16000	5	0	3	546		1	0		5.2		5.7		1045.1		1914.1	
122#	-6500	16000		3	5		743			748		4.3		7.2		1422.2	1431.8	
123#	-6750	16000	7	0	4	454			559		6.1		4.3		869		1070	
124#	-7000	16000		6	4		341			480		3.9		3.7		652.7	918.8	
125#	-7250	16000	10	0	4	298			280		5.7		2.1		570.4		536	
126#	-7500	16000		10	4		290			450		5.6		3.4		555.1	861.4	
127#	-7750	16000	6	0	7	265			493		3		6.6		507.2		943.7	
128#	-8000	16000		5			542					5.2				1037.5		
129#	-8250	16000	5	0	5	319			404		3.1		3.9		610.6		773.3	
130#	-8500	16000		7	3		284			550		3.8		3.2		543.6	1052.8	
131#	-8750	16000	10	0	5	144			395		2.8		3.8		275.6		756.1	
132#	-9000	16000		10	5		218			414		4.2		4		417.3	792.5	
133#	-9250	16000	9	0	8	227			253		3.9		3.9		434.5		484.3	
134#	-9500	16000		9	7		293			328		5		4.4		560.8	627.8	
135#	-9750	16000	19	0	5	107			448		3.9		4.3		204.8		857.5	
136#	-10000	16000		11	8		188			434		4		6.6		359.9	830.7	
137#	-10250	16000	10	0	10	196			220		3.8		4.2		375.2		421.1	
138#	-10500	16000		9	5		244			420		4.2		4		467.1	803.9	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIST	OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
139#	-10750	16000	12	0	5		165		438		3.8		4.2		315.8		838.4	
140#	-11000	16000		7				300					4			574.2		
141#	-11250	16000	10	0	7		246		273		4.7		3.7		470.9		522.6	
142#	-11500	16000		13		6		229		354		5.7		4.1		438.3		677.6
143#	-11750	16000	19	0	8		183		304		6.7		4.7		350.3		581.9	
144#	-12000	16000		10		7		247		285		4.7		3.8		472.8		545.5
145#	-12250	16000	10	0	8		261		248		5		3.8		499.6		474.7	
146#	-12500	16000		8		10		303		248		4.6		4.7		580		474.7
147#	-12750	16000	10	0	7		194		342		3.7		4.6		371.3		654.6	
148#	-13000	16000		5		5		238		509		2.3		4.9		455.6		974.3
149#	-13250	16000	5	0	6		205		357		2		4.1		392.4		683.3	
150#	-13500	16000		3		4		364		567		2.1		4.3		696.7		1085.3
151#	-13750	16000	5	0	3		141		600		1.3		3.4		269.9		1148.5	
152#	-14000	16000		5				297				2.8				568.5		
153#	-14250	16000	7	0	6				448		7		5.1				857.5	
154#	-14500	16000		9		7		254		417		4.4		5.6		486.2		798.2
155#	-14750	16000	7	0	8		231		292		3.1		4.5		442.2		558.9	
156#	-15000	16000		10		10		277		300		5.3		5.7		530.2		574.2
157#	-15250	16000	8	0	12		223		300		3.4		6.9		426.9		574.2	
158#	-15500	16000		12		10		251		460		5.8		8.8		480.5		880.5
159#	-15750	16000	14	0	13		192		391		5.1		9.7		367.5		748.4	
160#	-16000	16000		17		11		321		358		10.4		7.5		614.4		685.3
161#	-16250	16000	23	0	14		174		314		7.7		8.4		333.1		601	
162#	-16500	16000		15		8		220		500		6.3		7.7		421.1		957.1
163#	-16750	16000	11	0	10		263		384		5.5		7.4		503.4		735	
164#	-17000	16000		9				402				6.9				769.5		
165#	-17250	16000	10	0	11		300		361		5.7		7.6		574.2		691	
166#	-17500	16000		12		12		346		254		7.9		5.8		662.3		486.2
167#	-17750	16000			11				244				5.1				467.1	
168#	-18000	16000		17		13		147		236		4.8		5.9		281.4		451.7
169#	-18250	16000	18	0	16		170		158		5.9		4.8		325.4		302.4	
170#	-18500	16000		32		16		174		225		10.7		6.9		333.1		430.7
171#	-18750	16000	17	0	12		135		281		4.4		6.5		258.4		537.9	
172#	-19000	16000		17		19		240		213		7.8		7.7		459.4		407.7
173#	-19250	16000	12	0	16		105		197		2.4		6		201		377.1	
174#	-19500	16000		26		17		96		266		4.8		8.7		183.8		509.2

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
			METAL	FACTOR		APP.	RESIST	OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M	
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
175#	-19750	16000	27	0	29		73		139		3.8		7.7		139.7		266.1	
176#	-20000	16000		24				113				5.2				216.3		
177#	-20250	16000	31	0	27		97		150		5.8		7.8		185.7		287.1	
178#	-20500	16000		26		14		127		253		6.3		6.8		243.1	484.3	
179#	-20750	16000	44	0	15		68		234		5.7		6.7		130.2		447.9	
180#	-21000	16000		29		17		130		202		7.2		6.6		248.8	386.7	
181#	-21250	16000	25	0	28		112		123		5.4		6.6		214.4		235.4	
182#	-21500	16000		45		25		100		141		8.6		6.7		191.4	269.9	
183#	-21750	16000	23	0	36		99		126		4.4		8.7		189.5		241.2	
184#	-22000	16000		24				127		148		5.8				243.1	283.3	
185#	-22250	16000	22	0	14		114		234		4.8		6.3		218.2		447.9	
186#	-22500	16000		13		23		243		153		6		6.7		465.1	292.9	
187#	-22750	16000	22	0	16		414		174		17.4		5.3		792.5		333.1	
188#	-23000	16000		15				98				2.8				187.6		
189#	-23250	16000	30	0	21		82		120		4.7		4.8		157		229.7	
190#	-23500	16000		23		11		108		231		4.8		4.9		206.7	442.2	
191#	-23750	16000	24	0	32		106		102		4.9		6.2		202.9		195.2	
192#	-24000	16000		20		25		111		138		4.2		6.6		212.5	264.2	
193#	-24250	16000	54	0	22		51		161		5.3		6.8		97.6		308.2	
194#	-24500	16000		41		19		80		169		6.3		6.1		153.1	323.5	
195#	-24750	16000	34	0	28		74		97		4.8		5.2		141.6		185.7	
196#	-25000	16000		27		56		94		63		4.9		6.8		179.9	120.6	
197#	-25250	16000	49	0	46		81		65		7.6		5.7		155		124.4	
198#	-25500	16000		63		63		56		72		6.8		8.7		107.2	137.8	
199#	-25750	16000	23	0	65		64		62		2.8		7.7		122.5		118.7	
200#	-26000	16000		46				76				6.7				145.5		
201#	-26250	16000	48	0	14		68		185		6.2		5		130.2		354.1	
202#	-26500	16000		13		22		187		116		4.7		4.9		357.9	222	
203#	-26750	16000	28	0	20		88		135		4.7		5.2		168.4		258.4	
204#	-27000	16000		39		14		77		194		5.7		5.2		147.4	371.3	
205#	-27250	16000	74	0	28		51		125		7.2		6.7		97.6		239.3	
206#	-27500	16000		39		19		97		143		7.2		5.2		185.7	273.7	
207#	-27750	16000	3	0	28		240		125		1.4		6.7		459.4		239.3	
208#	-28000	16000		5		32		321		125		3.1		7.7		614.4	239.3	
209#	-28250	16000	10	0	4		124		434		2.4		3.3		237.4		830.7	
210#	-28500	16000		8		3		212		512		3.2		2.9		405.8	980	

No	X	Y	N=1	N=2	N=3	N=4	APP. N=1	RESIST N=2	OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	APP N=4	. RESI N=1	ST OHM N=2	.M N=3	N=4
211#	-28750	16000	8	0	5		265		266		4.1		2.5		507.2		509.2	
212#	-29000	16000		4				322				2.5			616.4			
213#	-29250	16000	7	0	4		252		291		3.4		2.2		482.4		557	
214#	-29500	16000		7		2		261		408		3.5		1.6	499.6			781
215#	-29750	16000	8	0	5		183		372		2.8		3.6		350.3		712.1	
216#	-30000	16000		6		3		270		546		3.1		3.1	516.8			1045.1
217#	-30250	16000	5	0	5		207		435		2		4.2		396.2		832.7	
218#	-30500	16000		5		4		369		583		3.5		4.5	706.3			1115.9
219#	-30750	16000			6				528				6.1				1010.7	
220#	-31000	16000				5				311				3				595.3

NORTH REGIONAL 200N 500 FEET ??-
 IP 317.5W-230E LENGTH 54750 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST
 TRAV TRAVE RSES INC EASE S OUTH = #NAME?

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	23000	20000				15				181				5.2				346.5
2#	22750	20000			15				154				4.4				294.8	
3#	22500	20000		10		9		168		313		3.2		5.4		321.6		599.1
4#	22250	20000	25		8		64		244		3.1		3.7		122.5		467.1	
5#	22000	20000		10		6		112		331		2.1		3.8		214.4		633.6
6#	21750	20000	26		7		39		172		1.9		2.3		74.7		329.2	
7#	21500	20000		10		10		76		132		1.5		2.5		145.5		252.7
8#	21250	20000	21		11		36		117		1.4		2.5		68.9		224	
9#	21000	20000		4				68				0.5				130.2		
10#	20750	20000	16		7		48		108		1.5		1.4		91.9		206.7	
11#	20500	20000		8		14		93		71		1.4		1.9		178		135.9
12#	20250	20000	16		27		63		65		1.9		3.4		120.6		124.4	
13#	20000	20000		22		30		57		85		2.4		4.9		109.1		162.7
14#	19750	20000	32		25		47		80		2.9		3.8		90		153.1	
15#	19500	20000		20		30		75		91		2.9		5.2		143.6		174.2
16#	19250	20000	45		22		51		91		4.4		3.8		97.6		174.2	
17#	19000	20000		38		20		73		87		5.3		3.3		139.7		166.5
18#	18750	20000	60		33		33		75		3.8		4.7		63.2		143.6	
19#	18500	20000		58		30		39		75		4.3		4.3		74.7		143.6
20#	18250	20000	115		73		39		41		8.6		5.7		74.7		78.5	
21#	18000	20000		40				50				3.8				95.7		
22#	17750	20000	20		26		37		85		1.4		4.2		70.8		162.7	
23#	17500	20000		13		16		75		108		1.9		3.3		143.6		206.7
24#	17250	20000	31		25		48		99		2.8		4.7		91.9		189.5	
25#	17000	20000		23		19		76		148		3.3		5.4		145.5		283.3
26#	16750	20000	34		28		59		117		3.8		6.3		112.9		224	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3		APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3		APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	16500	20000		32		19		102		183		6.2		6.7		195.2		350.3
28#	16250	20000	17		21		151		168		4.9		6.8		289		321.6	
29#	16000	20000		13		20		269		177		6.7		6.8		514.9		338.8
30#	15750	20000	15		10		229		309		6.6		5.9		438.3		591.5	
31#	15500	20000		14		7		297		460		8		6.2		568.5		880.5
32#	15250	20000	20		9		211		471		8.1		8.1		403.9		901.6	
33#	15000	20000		11				392				8.3				750.3		
34#	14750	20000	11		10		392		437		8.3		8.4		750.3		836.5	
35#	14500	20000		10		8		440		445		8.4		6.8		842.2		851.8
36#	14250	20000	12		10		291		433		6.7		8.3		557		828.8	
37#	14000	20000		14		15		302		259		8.1		7.4		578.1		495.8
38#	13750	20000	15		12		246		362		7.1		8.3		470.9		692.9	
39#	13500	20000		14		12		336		392		9		9		643.2		750.3
40#	13250	20000	15		13		222		375		6.4		9.3		424.9		717.8	
41#	13000	20000		15		10		268		429		7.7		8.2		513		821.2
42#	12750	20000	21		11		188		294		7.6		6.2		359.9		562.8	
43#	12500	20000		20		12		204		292		7.8		6.7		390.5		558.9
44#	12250	20000	25		15		150		222		7.2		6.4		287.1		424.9	
45#	12000	20000		21				178				7.2				340.7		
46#	11750	20000	29		22		103		161		5.7		6.8		197.2		308.2	
47#	11500	20000		25		17				212		25		6.9				405.8
48#	11250	20000	29		19		70		157		3.9		5.7		134		300.5	
49#	11000	20000		20		26		102		146		3.9		7.3		195.2		279.5
50#	10750	20000	51		23		54		118		5.3		5.2		103.4		225.9	
51#	10500	20000		37		19		74		130		5.2		4.7		141.6		248.8
52#	10250	20000	37		23		74		86		5.2		3.8		141.6		164.6	
53#	10000	20000		24		19		92		131		4.2		4.8		176.1		250.8
54#	9750	20000	4		20		512		148		3.9		5.7		980		283.3	
55#	9500	20000		12		17		232		166		5.3		5.4		444.1		317.7
56#	9250	20000	6		7		159		283		1.8		3.8		304.3		541.7	
57#	9000	20000		9				212				3.7				405.8		
58#	8750	20000	5		6		138		291		1.3		3.3		264.2		557	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	8500	20000		8		6		210		355		3.2		4.1		402		679.5
60#	8250	20000	6		5		174		286		2		2.7		333.1		547.4	
61#	8000	20000		7		9		290		343		3.9		5.9		555.1		656.6
62#	7750	20000	5		8		217		362		2.1		5.5		415.4		692.9	
63#	7500	20000		7		6		308		485		4.1		5.6		589.6		928.4
64#	7250	20000	9		7		227		410		3.9		5.5		434.5		784.8	
65#	7000	20000		7		7		350		458		4.7		6.1		670		876.7
66#	6750	20000	7		7		204		410		2.7		5.5		390.5		784.8	
67#	6500	20000		12		5		260		556		6		5.3		497.7		1064.3
68#	6250	20000	11		8		207		377		4.4		5.8		396.2		721.6	
69#	6000	20000		9				327				5.6				625.9		
70#	5750	20000	8		7		263		483		4		6.5		503.4		924.5	
71#	5500	20000		7		9		430		441		5.8		7.6		823.1		844.1
72#	5250	20000	8		10		375		364		5.7		7		717.8		696.7	
73#	5000	20000		17		8		263		509		8.6		7.8		503.4		974.3
74#	4750	20000	18		10		217		364		7.5		7		415.4		696.7	
75#	4500	20000		10		9		349		406		6.7		7		668		777.1
76#	4250	20000	15		9		229		379		6.6		6.5		438.3		725.5	
77#	4000	20000		12		8		286		355		6.6		5.4		547.4		679.5
78#	3750	20000	8		9		562		280		8.6		4.8		1075.7		536	
79#	3500	20000		8		10		450		355		6.9		6.8		861.4		679.5
80#	3250	20000	8		8		333		492		5.1		7.5		637.4		941.8	
81#	3000	20000		10				470				9				899.6		
82#	2750	20000	8		6		273		623		4.2		7.2		522.6		1192.5	
83#	2500	20000		5		8		460		618		4.4		9.5		880.5		1182.9
84#	2250	20000	9		7		219		488		3.8		6.5		419.2		934.1	
85#	2000	20000		10		8		279		465		5.3		7.1		534		890.1
86#	1750	20000	13		9		152		297		3.8		5.1		290.9		568.5	
87#	1500	20000		14		9		192		264		5.1		4.5		367.5		505.3
88#	1250	20000	22		12		103		186		4.3		4.3		197.2		356	
89#	1000	20000		15		7		120		328		3.4		4.4		229.7		627.8
90#	750	20000	20		10		87		230		3.3		4.4		166.5		440.3	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3		APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3		APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	500	20000		12		6		166		513		3.8		5.9		317.7		982
92#	250	20000	16		8		78		386		2.4		5.9		149.3		738.9	
93#	0	20000		8				212				3.2				405.8		
94#	-250	20000	17		14		103		166		3.4		4.4		197.2		317.7	
95#	-500	20000		18		11		98		251		3.4		5.3		187.6		480.5
96#	-750	20000	22		19		90		155		3.8		5.6		172.3		296.7	
97#	-1000	20000		20		10		181		256		6.9		4.9		346.5		490
98#	-1250	20000	14		7		184		309		4.9		4.1		352.2		591.5	
99#	-1500	20000		8		7		355		423		5.4		5.7		679.5		809.7
100#	-1750	20000	14		7		183		532		4.9		7.1		350.3		1018.3	
101#	-2000	20000		12		6		305		448		7		5.1		583.8		857.5
102#	-2250	20000	8		11		410		266		6.3		5.6		784.8		509.2	
103#	-2500	20000		10		9		387		361		7.4		6.2		740.8		691
104#	-2750	20000	5		8		278		519		2.7		7.9		532.1		993.4	
105#	-3000	20000		4				473				3.6				905.4		
106#	-3250	20000	5		5		246		644		2.4		6.2		470.9		1232.7	
107#	-3500	20000		5		6		430		637		4.1		7.3		823.1		1219.3
108#	-3750	20000	5		7		207		456		2		6.1		396.2		872.8	
109#	-4000	20000		10		6		235		555		4.5		6.4		449.8		1062.3
110#	-4250	20000	10		8		150		306		2.9		4.7		287.1		585.7	
111#	-4500	20000		13		5		233		431		5.8		4.1		446		825
112#	-4750	20000	14		7		164		351		4.4		4.7		313.9		671.9	
113#	-5000	20000		7		5		301		326		4		3.1		576.2		624
114#	-5250	20000	10		6		240		270		4.6		3.1		459.4		516.8	
115#	-5500	20000		11		7		200		309		4.2		4.1		382.8		591.5
116#	-5750	20000	19		9		162		229		5.9		3.9		310.1		438.3	
117#	-6000	20000		17				159				5.2				304.3		
118#	-6250	20000	14		10		147		175		3.9		3.3		281.4		335	
119#	-6500	20000		9		14		258		229		4.4		6.1		493.8		438.3
120#	-6750	20000	9		9		174		199		3		3.4		333.1		380.9	
121#	-7000	20000		11		5		117		337		2.5		3.2		224		645.1
122#	-7250	20000	26		6		78		203		3.9		2.3		149.3		388.6	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3		APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3		APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	-7500	20000		12		3		130		368		3		2.1		248.8		704.4
124#	-7750	20000	14		6		127		244		3.4		2.8		243.1		467.1	
125#	-8000	20000		9		6		231		303		4		3.5		442.2		580
126#	-8250	20000	8		6		195		278		3		3.2		373.3		532.1	
127#	-8500	20000		8		6		216		313		3.3		3.6		413.5		599.1
128#	-8750	20000	15		7		168		224		4.8		3		321.6		428.8	
129#	-9000	20000		16				183				5.6				350.3		
130#	-9250	20000	17		14		166		180		5.4		4.8		317.7		344.5	
131#	-9500	20000		16		16		177		171		5.4		5.2		338.8		327.3
132#	-9750	20000	23		13		121		189		5.3		4.7		231.6		361.8	
133#	-10000	20000		20		6		139		375		5.3		4.3		266.1		717.8
134#	-10250	20000	23		7		96		310		4.2		4.2		183.8		593.4	
135#	-10500	20000		13		9		224		221		5.6		3.8		428.8		423
136#	-10750	20000	17		7		114		182		3.7		2.4		218.2		348.4	
137#	-11000	20000		13		7		112		201		2.8		2.7		214.4		384.7
138#	-11250	20000	23		13		77		133		3.4		3.3		147.4		254.6	
139#	-11500	20000		17		16		102		124		3.3		3.8		195.2		237.4
140#	-11750	20000	12		22		103		102		2.4		4.3		197.2		195.2	
141#	-12000	20000		14				128				3.4				245		
142#	-12250	20000	20		9		49		286		1.9		4.9		93.8		547.4	
143#	-12500	20000		13		6		159		465		4		5.3		304.3		890.1
144#	-12750	20000	11		10		116		208		2.4		4		222		398.1	
145#	-13000	20000		14		15		162		133		4.3		3.8		310.1		254.6
146#	-13250	20000	19		23		107		108		3.9		4.8		204.8		206.7	
147#	-13500	20000		27		9		74		346		3.8		6		141.6		662.3
148#	-13750	20000	25		12		120		244		5.7		5.6		229.7		467.1	
149#	-14000	20000		8		13		468		225		7.2		5.6		895.8		430.7
150#	-14250	20000	10		8		251		464		4.8		7.1		480.5		888.2	
151#	-14500	20000		10		9		280		321		5.4		5.5		536		614.4
152#	-14750	20000	18		8		142		210		4.9		3.2		271.8		402	
153#	-15000	20000		8				96				1.5				183.8		
154#	-15250	20000	11		15		164		83		3.5		2.4		313.9		158.9	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3		APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3		APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	-15500	20000		16		6		157		234		4.8		2.7		300.5		447.9
156#	-15750	20000	14		6		92		475		2.5		5.5		176.1		909.2	
157#	-16000	20000		5		5		309		807		3		7.7		591.5		1544.7
158#	-16250	20000	7		5		135		550		1.8		5.3		258.4		1052.8	
159#	-16500	20000		9		5		268		707		4.6		6.8		513		1353.3
160#	-16750	20000	26		8		105		334		5.2		5.1		201		639.3	
161#	-17000	20000		17		5		148		286		4.8		2.7		283.3		547.4
162#	-17250	20000	18		27		240		132		8.3		6.8		459.4		252.7	
163#	-17500	20000		13				229				5.7				438.3		
164#	-17750	20000	19		13		259		117		9.4		2.9		495.8		224	
165#	-18000	20000		33				142				9				271.8		
166#	-18250	20000	33		7		115		541		7.3		7.2		220.1		1035.6	
167#	-18500	20000		10		9		479		562		9.2		9.7		916.9		1075.7
168#	-18750	20000	16		10		171		527		5.2		10.1		327.3		1008.8	
169#	-19000	20000		15		12		231		368		6.6		8.5		442.2		704.4
170#	-19250	20000	46		16		65		160		5.7		4.9		124.4		306.3	
171#	-19500	20000		29		12		52		322		2.9		7.4		99.5		616.4
172#	-19750	20000	11		28		278		97		5.9		5.2		532.1		185.7	
173#	-20000	20000		9		56		385		71		6.6		7.6		736.9		135.9
174#	-20250	20000	18		7		222		528		7.6		7.1		424.9		1010.7	
175#	-20500	20000		12		7		343		398		7.9		5.3		656.6		761.8
176#	-20750	20000	15		10		163		288		4.7		5.5		312		551.3	
177#	-21000	20000		22				124				5.2				237.4		
178#	-21250	20000	13		20		291		112		7.2		4.3		557		214.4	
179#	-21500	20000		13		23		271		120		6.7		5.3		518.7		229.7
180#	-21750	20000	11		12		209		300		4.4		6.9		400.1		574.2	
181#	-22000	20000		12		16		270		305		6.2		9.3		516.8		583.8
182#	-22250	20000	16		12		156		300		4.8		6.9		298.6		574.2	
183#	-22500	20000		26		10		216		381		10.7		7.3		413.5		729.3
184#	-22750	20000	16		10		169		289		5.2		5.5		323.5		553.2	
185#	-23000	20000		11		9		237		269		5		4.6		453.7		514.9
186#	-23250	20000	7		11		224		225		3		4.7		428.8		430.7	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3		APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3		APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
187#	-23500	20000		8		16		262		127		4		3.9		501.5		243.1
188#	-23750	20000	10		10		199		157		3.8		3		380.9		300.5	
189#	-24000	20000		14				129				3.5				246.9		
190#	-24250	20000	8		13		130		118		2		2.9		248.8		225.9	
191#	-24500	20000		10		9		127		166		2.4		2.9		243.1		317.7
192#	-24750	20000	11		6		93		205		2		2.4		178		392.4	
193#	-25000	20000		6		6		175		275		2		3.2		335		526.4
194#	-25250	20000	16		5		62		261		1.9		2.5		118.7		499.6	
195#	-25500	20000		9		5		113		291		1.9		2.8		216.3		557
196#	-25750	20000	22		9		78		137		3.3		2.4		149.3		262.2	
197#	-26000	20000		15		10		98		158		2.8		3		187.6		302.4
198#	-26250	20000	13		19		113		105		2.8		3.8		216.3		201	
199#	-26500	20000		13		17		117		88		2.9		2.9		224		168.4
200#	-26750	20000	11		15		186		103		3.9		3		356		197.2	
201#	-27000	20000		14				163				4.4				312		
202#	-27250	20000	10		15		145		129		2.8		3.7		277.6		246.9	
203#	-27500	20000		12		17		122		119		2.8		3.9		233.5		227.8
204#	-27750	20000	10		19		118		120		2.3		4.4		225.9		229.7	
205#	-28000	20000		20		12		126		102		4.8		2.3		241.2		195.2
206#	-28250	20000	44		13		45		117		3.8		2.9		86.1		224	
207#	-28500	20000		14		6		55		206		1.5		2.4		105.3		394.3
208#	-28750	20000	27		9		28		107		1.4		1.8		53.6		204.8	
209#	-29000	20000		13		11		56		297		1.4		6.3		107.2		568.5
210#	-29250	20000	15		6		51		171		1.5		2		97.6		327.3	
211#	-29500	20000		7		7		189		137		2.5		1.8		361.8		262.2
212#	-29750	20000	12		6		107		170		2.5		2		204.8		325.4	
213#	-30000	20000		8				120				1.8				229.7		
214#	-30250	20000	16		9		110		88		3.4		1.5		210.6		168.4	
215#	-30500	20000		13		13		96		58		2.4		1.4		183.8		111
216#	-30750	20000	11		17		116		75		2.4		2.4		222		143.6	
217#	-31000	20000		8		20		119		63		1.8		2.4		227.8		120.6
218#	-31250	20000	16		11		63		118		1.9		2.5		120.6		225.9	

	METAL	FACTOR	APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT	APP	. RESI	ST OHM	.M					
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
219#	-31500	20000		10				77				1.5					147.4	
220#	-31750	20000			8				160			2.5					306.3	

NORTH REGIONAL 240S 500 FEET ??-?
 IP 280W-237.5E LENGTH 51750 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST
 TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIST	OHM.F	T	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	23750	24000			65				58				7.2				111	
2#	23500	24000		67		55		47		68		6		7.2		90		130.2
3#	23250	24000	73		62		41		60		5.7		7.1		78.5		114.8	
4#	23000	24000		62		77		60		55		7.1		8.1		114.8		105.3
5#	22750	24000	83		65		33		62		5.2		7.7		63.2		118.7	
6#	22500	24000		80		69		44		51		6.7		6.7		84.2		97.6
7#	22250	24000	75		99		37		38		5.3		7.2		70.8		72.7	
8#	22000	24000		86				35				5.8				67		
9#	21750	24000	40		61		31		41		2.4		4.8		59.3		78.5	
10#	21500	24000		57		38		35		73		3.8		5.3		67		139.7
11#	21250	24000	66		100		19		25		2.4		4.8		36.4		47.9	
12#	21000	24000		38		29		40		68		2.9		3.8		76.6		130.2
13#	20750	24000	59		33		17		46		1.9		2.9		32.5		88.1	
14#	20500	24000		40		35		25		43		1.9		2.9		47.9		82.3
15#	20250	24000	19		57		26		22		0.9		2.4		49.8		42.1	
16#	20000	24000		44		49		23		26		1.9		2.4		44		49.8
17#	19750	24000	44		42		23		30		1.9		2.4		44		57.4	
18#	19500	24000		30		28		34		44		2		2.4		65.1		84.2
19#	19250	24000	21		24		24		53		1		2.4		45.9		101.4	
20#	19000	24000		28				44				2.4				84.2		
21#	18750	24000	44		13		23		39		1.9		1		44		74.7	
22#	18500	24000		31		13		24		58		1.4		1.4		45.9		111
23#	18250	24000	36		18		14		28		1		1		26.8		53.6	
24#	18000	24000		26		16		19		48		0.9		1.5		36.4		91.9
25#	17750	24000	53		7		14		36		1.4		0.5		26.8		68.9	
26#	17500	24000		8		6		31		172		0.5		2		59.3		329.2

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIST N=2	OHM.F N=3	T N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	17250	24000	27		4		9		68		0.5		0.5		17.2		130.2	
28#	17000	24000		8		4		64		202		1		1.5		122.5		386.7
29#	16750	24000	22		11		23		89		1		1.9		44		170.4	
30#	16500	24000		23		21		44		48		1.9		1.9		84.2		91.9
31#	16250	24000	19		29		27		26		1		1.4		51.7		49.8	
32#	16000	24000		9				22				0.4				42.1		
33#	15750	24000	27		17		53		44		2.7		1.4		101.4		84.2	
34#	15500	24000		9		18		107		69		1.8		2.4		204.8		132.1
35#	15250	24000	19		9		54		176		2		3		103.4		336.9	
36#	15000	24000		7		11		113		190		1.5		4		216.3		363.7
37#	14750	24000	40		15		25		131		1.9		3.8		47.9		250.8	
38#	14500	24000		29		8		35		260		1.9		4		67		497.7
39#	14250	24000	15		12		33		83		0.9		1.9		63.2		158.9	
40#	14000	24000		14		27		88		55		2.4		2.8		168.4		105.3
41#	13750	24000	26		16		58		63		2.9		1.9		111		120.6	
42#	13500	24000		42		50		48		50		3.9		4.8		91.9		95.7
43#	13250	24000	43		38		35		40		2.9		2.9		67		76.6	
44#	13000	24000		48				31				2.8				59.3		
45#	12750	24000	55		41		32		37		3.4		2.9		61.3		70.8	
46#	12500	24000		27		4		46		59		2.4		0.5		88.1		112.9
47#	12250	24000	37		6		27		83		1.9		1		51.7		158.9	
48#	12000	24000		9		15		54		119		0.9		3.4		103.4		227.8
49#	11750	24000	5		16		47		81		0.4		2.5		90		155	
50#	11500	24000		16		17		79		43		2.4		1.4		151.2		82.3
51#	11250	24000	19		24		65		42		2.4		1.9		124.4		80.4	
52#	11000	24000		23		14		43		54		1.9		1.4		82.3		103.4
53#	10750	24000	31		22		57		56		3.4		2.4		109.1		107.2	
54#	10500	24000		9		20		86		75		1.5		2.9		164.6		143.6
55#	10250	24000	24		16		51		126		2.3		3.9		97.6		241.2	
56#	10000	24000		11				94				2				179.9		
57#	9750	24000	22		18		46		110		1.9		3.8		88.1		210.6	
58#	9500	24000		29		23		61		119		3.4		5.2		116.8		227.8

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIST N=2	OHM.F N=3	T N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	9250	24000	23		34		65		67		2.9		4.4		124.4		128.2	
60#	9000	24000		20		46		88		83		3.4		7.3		168.4		158.9
61#	8750	24000	30		26		66		115		3.8		5.7		126.3		220.1	
62#	8500	24000		21		24		105		178		4.2		8.2		201		340.7
63#	8250	24000	24		19		72		182		3.3		6.6		137.8		348.4	
64#	8000	24000		18		16		141		250		4.9		7.7		269.9		478.5
65#	7750	24000	20		13		99		226		3.8		5.6		189.5		432.6	
66#	7500	24000		17		18		172		169		5.6		5.8		329.2		323.5
67#	7250	24000	18		17		140		145		4.8		4.7		268		277.6	
68#	7000	24000		21				131				5.3				250.8		
69#	6750	24000	35		17		114		147		7.6		4.8		218.2		281.4	
70#	6500	24000		21		16		143		200		5.7		6.1		273.7		382.8
71#	6250	24000	16		16		128		213		3.9		6.5		245		407.7	
72#	6000	24000		15		12		199		241		5.7		5.5		380.9		461.3
73#	5750	24000	20		13		111		232		4.2		5.8		212.5		444.1	
74#	5500	24000		21		9		121		324		4.9		5.6		231.6		620.2
75#	5250	24000	18		11		99		181		3.4		3.8		189.5		346.5	
76#	5000	24000		10		10		153		205		2.9		3.9		292.9		392.4
77#	4750	24000	14		8		111		201		3		3.1		212.5		384.7	
78#	4500	24000		7		9		182		192		2.4		3.3		348.4		367.5
79#	4250	24000	9		5		81		204		1.4		2		155		390.5	
80#	4000	24000		9				118				2				225.9		
81#	3750	24000	7		3		67		259		0.9		1.5		128.2		495.8	
82#	3500	24000		6		4		178		431		2		3.3		340.7		825
83#	3250	24000	9		5		88		319		1.5		3.1		168.4		610.6	
84#	3000	24000		8		5		163		434		2.5		4.2		312		830.7
85#	2750	24000	8		6		120		236		1.8		2.7		229.7		451.7	
86#	2500	24000		14		6		161		270		4.3		3.1		308.2		516.8
87#	2250	24000	13		22		155		182		3.9		7.7		296.7		348.4	
88#	2000	24000		9		5		197		240		3.4		2.3		377.1		459.4
89#	1750	24000	7		7		222		286		3		3.8		424.9		547.4	
90#	1500	24000		7		7		347		349		4.6		4.7		664.2		668

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIST N=2	OHM.F N=3	T N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	1250	24000	6		6		268		425		3.1		4.9		513		813.5	
92#	1000	24000		5				367				3.5				702.5		
93#	750	24000	8		5		181		547		2.8		5.2		346.5		1047	
94#	500	24000		8		5		319		600		4.9		5.7		610.6		1148.5
95#	250	24000	8		7		195		368		3		4.9		373.3		704.4	
96#	0	24000		8		10		255		206		3.9		3.9		488.1		394.3
97#	-250	24000	9		7		188		268		3.2		3.6		359.9		513	
98#	-500	24000		10		12		205		165		3.9		3.8		392.4		315.8
99#	-750	24000	12		11		162		203		3.7		4.3		310.1		388.6	
100#	-1000	24000		15		13		170		215		4.9		5.4		325.4		411.5
101#	-1250	24000	14		15		128		185		3.4		5.3		245		354.1	
102#	-1500	24000		24		19		146		159		6.7		5.8		279.5		304.3
103#	-1750	24000	15		16		117		136		3.4		4.2		224		260.3	
104#	-2000	24000		11				115				2.4				220.1		
105#	-2250	24000	12		16		162		155		3.7		4.7		310.1		296.7	
106#	-2500	24000		15		10		149		274		4.3		5.2		285.2		524.5
107#	-2750	24000	20		6		75		291		2.9		3.3		143.6		557	
108#	-3000	24000		11		5		174		458		3.7		4.4		333.1		876.7
109#	-3250	24000	14		7		72		306		1.9		4.1		137.8		585.7	
110#	-3500	24000		9		5		145		411		2.5		3.9		277.6		786.7
111#	-3750	24000	6		9		120		213		1.4		3.7		229.7		407.7	
112#	-4000	24000		10		11		192		235		3.7		4.9		367.5		449.8
113#	-4250	24000	6		3		201		226		2.3		1.3		384.7		432.6	
114#	-4500	24000		7		5		266		228		3.6		2.2		509.2		436.4
115#	-4750	24000	5		4		214		297		2		2.3		409.6		568.5	
116#	-5000	24000		10				260				5				497.7		
117#	-5250	24000	11		6		184		280		3.9		3.2		352.2		536	
118#	-5500	24000		8		6		222		455		3.4		5.2		424.9		870.9
119#	-5750	24000	10		7		147		403		2.8		5.4		281.4		771.4	
120#	-6000	24000		8		4		297		513		4.5		3.9		568.5		982
121#	-6250	24000	11		7		193		408		4.1		5.5		369.4		781	
122#	-6500	24000		6		8		318		261		3.7		4		608.7		499.6

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIST N=2	OHM.F N=3	T N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	-6750	24000	7		10		152		210		2		4		290.9		402	
124#	-7000	24000		6		6		123		326		1.4		3.7		235.4		624
125#	-7250	24000	11		5		70		214		1.5		2		134		409.6	
126#	-7500	24000		8		6		151		247		2.3		2.8		289		472.8
127#	-7750	24000	9		5		83		195		1.4		1.9		158.9		373.3	
128#	-8000	24000		7				111				1.5				212.5		
129#	-8250	24000	22		13		45		98		1.9		2.4		86.1		187.6	
130#	-8500	24000		23		10		43		147		1.9		2.8		82.3		281.4
131#	-8750	24000	39		22		32		69		2.4		2.9		61.3		132.1	
132#	-9000	24000		19		19		67		79		2.4		2.9		128.2		151.2
133#	-9250	24000	11		18		46		82		1		2.8		88.1		157	
134#	-9500	24000		14		14		72		111		1.9		3		137.8		212.5
135#	-9750	24000	27		14		46		105		2.4		2.8		88.1		201	
136#	-10000	24000		13		10		79		131		2		2.5		151.2		250.8
137#	-10250	24000	20		12		62		105		2.4		2.4		118.7		201	
138#	-10500	24000		12		11		101		115		2.3		2.4		193.3		220.1
139#	-10750	24000	19		12		53		122		1.9		2.8		101.4		233.5	
140#	-11000	24000		13				79				2				151.2		
141#	-11250	24000	23		12		75		123		3.3		2.8		143.6		235.4	
142#	-11500	24000		9		18		135		91		2.3		3.1		258.4		174.2
143#	-11750	24000	27		18		74		110		3.8		3.8		141.6		210.6	
144#	-12000	24000		20		9		75		192		2.9		3.3		143.6		367.5
145#	-12250	24000	32		16		54		143		3.3		4.4		103.4		273.7	
146#	-12500	24000		12		8		106		213		2.4		3.3		202.9		407.7
147#	-12750	24000	15		12		97		167		2.8		3.8		185.7		319.7	
148#	-13000	24000		12		12		174		168		4		3.9		333.1		321.6
149#	-13250	24000	28		10		80		184		4.3		3.5		153.1		352.2	
150#	-13500	24000		17		8		90		292		2.9		4.5		172.3		558.9
151#	-13750	24000	14		14		105		148		2.8		4		201		283.3	
152#	-14000	24000		9				193				3.3				369.4		
153#	-14250	24000	11		5		140		380		2.9		3.6		268		727.4	
154#	-14500	24000		6		5		317		509		3.6		4.9		606.8		974.3

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIST N=2	OHM.F N=3	T N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	-14750	24000	10		5		168		461		3.2		4.4		321.6		882.4	
156#	-15000	24000		8		13		286		211		4.4		5.3		547.4		403.9
157#	-15250	24000	8		7		193		300		3		4		369.4		574.2	
158#	-15500	24000		8		6		250		314		3.8		3.6		478.5		601
159#	-15750	24000	8		6		268		300		4.1		3.4		513		574.2	
160#	-16000	24000		6		4		374		286		4.3		2.2		715.9		547.4
161#	-16250	24000	7		5		288		378		3.9		3.6		551.3		723.5	
162#	-16500	24000		6		5		314		387		3.6		3.7		601		740.8
163#	-16750	24000	15		6		114		335		3.3		3.8		218.2		641.2	
164#	-17000	24000		13				151				3.8				289		
165#	-17250	24000	22		4		79		567		3.3		4.3		151.2		1085.3	
166#	-17500	24000		6		3		334		885		3.8		5.1		639.3		1694
167#	-17750	24000	8		4		191		569		2.9		4.4		365.6		1089.1	
168#	-18000	24000		5		5		394		516		3.8		4.9		754.2		987.7
169#	-18250	24000	6		9		288		354		3.3		6.1		551.3		677.6	
170#	-18500	24000		11		14		278		243		5.9		6.5		532.1		465.1
171#	-18750	24000	6		19		627		170		7.2		6.2		1200.2		325.4	
172#	-19000	24000		12		20		346		244		7.9		9.3		662.3		467.1
173#	-19250	24000	11		10		288		496		6.1		9.5		551.3		949.4	
174#	-19500	24000		10		14		452		377		8.7		10.1		865.2		721.6
175#	-19750	24000	13		14		268		357		6.7		9.6		513		683.3	
176#	-20000	24000		19				236				8.6				451.7		
177#	-20250	24000	41		15		109		300		8.6		8.6		208.6		574.2	
178#	-20500	24000		26		13		173		382		8.6		9.5		331.1		731.2
179#	-20750	24000	23		20		130		252		5.7		9.6		248.8		482.4	
180#	-21000	24000		18		17		222		297		7.6		9.7		424.9		568.5
181#	-21250	24000	24		13		103		300		4.7		7.5		197.2		574.2	
182#	-21500	24000		19		11		157		400		5.7		8.4		300.5		765.7
183#	-21750	24000	22		16		80		234		3.4		7.2		153.1		447.9	
184#	-22000	24000		16		13		154		278		4.7		6.9		294.8		532.1
185#	-22250	24000	30		12		83		208		4.8		4.8		158.9		398.1	
186#	-22500	24000		22		16		138		157		5.8		4.8		264.2		300.5

[illegible]

NORTH REGIONAL 0280N 500 FEET ??-??-??

IP 287.5W-242.5E LENGTH 53000 FEET

GEOCHEMISTRY nil

ALONG LINE STATIONS INCREASE WEST =-X,

TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIST	OHM.	FT	F	REQ. E	FFECT		APP.	RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	24250	28000	146				8				2.2				15.3			
2#	24000	28000		80				15				2.3				28.7		
3#	23750	28000	50		16		10		18		1		0.6		19.1		34.5	
4#	23500	28000		95		43		6		23		1.1		1.9		11.5		44
5#	23250	28000	93		26		9		17		1.6		0.8		17.2		32.5	
6#	23000	28000		35				23				1.5				44		
7#	22750	28000	33		38		12		45		0.8		3.3		23		86.1	
8#	22500	28000		52		58		29		45		2.9		5		55.5		86.1
9#	22250	28000	82		52		11		31		1.7		3.1		21.1		59.3	
10#	22000	28000		118				11		4		2.5				21.1		7.7
11#	21750	28000	73		40		26		15		3.6		1.1		49.8		28.7	
12#	21500	28000		43		23		42		13		3.5		0.6		80.4		24.9
13#	21250	28000	53		30		34		33		3.4		1.9		65.1		63.2	
14#	21000	28000		48		33		33		30		3		1.9		63.2		57.4
15#	20750	28000	12		26		16		35		0.4		1.7		30.6		67	
16#	20500	28000		35		40		23		40		1.5		3.1		44		76.6
17#	20250	28000	36		62		14		29		1		3.4		26.8		55.5	
18#	20000	28000		66		17		21		86		2.7		2.8		40.2		164.6
19#	19750	28000	88		16		7		70		1.2		2.1		13.4		134	
20#	19500	28000		40		19		25		67		1.9		2.4		47.9		128.2
21#	19250	28000	87		43		16		25		2.7		2.1		30.6		47.9	
22#	19000	28000		55				20		11		2.1				38.3		21.1
23#	18750	28000	83		246		18		8		2.9		3.8		34.5		15.3	
24#	18500	28000		70				10		14		1.3				19.1		26.8
25#	18250	28000	93		72		14		15		2.5		2.1		26.8		28.7	
26#	18000	28000		60				15				1.7				28.7		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIST	OHM.	FT	F	REQ. E	FFECT		APP.	RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	17750	28000	53		20		15		60		1.5		2.3		28.7		114.8	
28#	17500	28000		50		21		13		57		1.2		2.3		24.9		109.1
29#	17250	28000	26		19		10		37		0.5		1.3		19.1		70.8	
30#	17000	28000		10		14		10		79		0.2		2.1		19.1		151.2
31#	16750	28000			44		10		25				2.1		19.1		47.9	
32#	16500	28000		13		15		32		46		0.8		1.3		61.3		88.1
33#	16250	28000	54		47		24		57		2.5		5.1		45.9		109.1	
34#	16000	28000		10		13		60		46		1.1		1.1		114.8		88.1
35#	15750	28000	16		10		31		51		0.9		1		59.3		97.6	
36#	15500	28000		31		33		32		24		1.9		1.5		61.3		45.9
37#	15250	28000	41		53		39		30		3.1		3		74.7		57.4	
38#	15000	28000		21				39				1.6				74.7		
39#	14750	28000	24		23		45		35		2.1		1.5		86.1		67	
40#	14500	28000		23		18		44		44		1.9		1.5		84.2		84.2
41#	14250	28000	61		34		18		64		2.1		4.2		34.5		122.5	
42#	14000	28000		51		15		31		60		3		1.7		59.3		114.8
43#	13750	28000	26		19		23		32		1.1		1.2		44		61.3	
44#	13500	28000		25		15		32		53		1.5		1.5		61.3		101.4
45#	13250	28000	220		8		10		59		4.2		0.9		19.1		112.9	
46#	13000	28000		71		5		24		41		3.3		0.4		45.9		78.5
47#	12750	28000	115		50		15		18		3.3		1.7		28.7		34.5	
48#	12500	28000		71		32		14		38		1.9		2.3		26.8		72.7
49#	12250	28000	90		26		9		36		1.6		1.8		17.2		68.9	
50#	12000	28000		34				28				1.8				53.6		
51#	11750	28000	17		24		23		41		0.7		1.9		44		78.5	
52#	11500	28000		16		21		57		86		1.7		3.5		109.1		164.6
53#	11250	28000	30		15		23		108		1.3		3.1		44		206.7	
54#	11000	28000		20		38		61		37		2.3		2.7		116.8		70.8
55#	10750	28000	11		27		128		48		2.7		2.5		245		91.9	
56#	10500	28000		19		34		64		38		2.3		2.5		122.5		72.7
57#	10250	28000	33		7		57		60		3.6		0.8		109.1		114.8	
58#	10000	28000		25		4		61		70		2.9		0.5		116.8		134

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3		APP. N=1	RESIST N=2	OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3		N=4	APP. N=1	RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	9750	28000	10		13		63		82		1.2		2			120.6		157	
60#	9500	28000		11		12		110		107		2.3		2.5			210.6		204.8
61#	9250	28000	29		5		49		156		2.7		1.5			93.8		298.6	
62#	9000	28000		16				79				2.4					151.2		
63#	8750	28000	17		12		40		125		1.3		2.9			76.6		239.3	
64#	8500	28000		34		12		68		143		4.4		3.3			130.2		273.7
65#	8250	28000	16		19		56		88		1.7		3.2			107.2		168.4	
66#	8000	28000		31		26		78		84		4.6		4.2			149.3		160.8
67#	7750	28000	23		43		86		72		3.8		5.9			164.6		137.8	
68#	7500	28000		39		47		85		62		6.3		5.6			162.7		118.7
69#	7250	28000	22		23		81		78		3.4		3.4			155		149.3	
70#	7000	28000		22		19		88		135		3.7		4.9			168.4		258.4
71#	6750	28000	7		17		142		163		1.9		5.3			271.8		312	
72#	6500	28000		17		14		142		221		4.6		5.9			271.8		423
73#	6250	28000	17		14		102		200		3.3		5.4			195.2		382.8	
74#	6000	28000		12				169				3.9					323.5		
75#	5750	28000	14		18		88		163		2.4		5.6			168.4		312	
76#	5500	28000		17		9		94		240		3.1		4.1			179.9		459.4
77#	5250	28000	15		12		166		138		4.8		3.2			317.7		264.2	
78#	5000	28000		21		6		107		201		4.3		2.3			204.8		384.7
79#	4750	28000	12		9		147		308		3.4		5.3			281.4		589.6	
80#	4500	28000		8		10		230		201		3.5		3.8			440.3		384.7
81#	4250	28000	8		14		158		158		2.4		4.2			302.4		302.4	
82#	4000	28000		17		8		114		199		3.7		3			218.2		380.9
83#	3750	28000	12		12		86		145		2		3.3			164.6		277.6	
84#	3500	28000		11		6		123		313		2.6		3.6			235.4		599.1
85#	3250	28000	12		6		80		293		1.8		3.4			153.1		560.8	
86#	3000	28000		5				213				2					407.7		
87#	2750	28000	16		4		69		360		2.1		2.8			132.1		689.1	
88#	2500	28000		7		2		188		250		2.5		1			359.9		478.5
89#	2250	28000	9		5		116		97		2		0.9			222		185.7	
90#	2000	28000		12		75		83		52		1.9		7.5			158.9		99.5

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3		APP. N=1	RESIST N=2	OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3		N=4	APP. N=1	RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	1750	28000	8		125		131		32		2		7.7			250.8		61.3	
92#	1500	28000		33		45		78		82		4.9		7.1			149.3		157
93#	1250	28000	45		15		86		178		7.4		5.1			164.6		340.7	
94#	1000	28000		9		7		213		439		3.7		5.9			407.7		840.3
95#	750	28000	6		5		80		590		0.9		5.6			153.1		1129.3	
96#	500	28000		4		12		235		335		1.8		7.7			449.8		641.2
97#	250	28000	14		8		87		178		2.3		2.7			166.5		340.7	
98#	0	28000		36				56				3.9					107.2		
99#	-250	28000	9		15		232		95		4		2.7			444.1		181.8	
100#	-500	28000		9		26		247		93		4.3		4.6			472.8		178
101#	-750	28000	14		11		249		247		6.7		5.2			476.6		472.8	
102#	-1000	28000		21		8		150		250		6		3.8			287.1		478.5
103#	-1250	28000	24		9		87		340		4		5.9			166.5		650.8	
104#	-1500	28000		11		9		202		370		4.3		6.4			386.7		708.2
105#	-1750	28000	21		13		111		244		4.5		6.1			212.5		467.1	
106#	-2000	28000		20		9		143		237		5.5		4.1			273.7		453.7
107#	-2250	28000	20		12		121		188		4.6		4.3			231.6		359.9	
108#	-2500	28000		11		12		192		196		4		4.5			367.5		375.2
109#	-2750	28000	13		8		124		230		3.1		3.5			237.4		440.3	
110#	-3000	28000		13				164				4.1					313.9		
111#	-3250	28000	16		11		89		162		2.7		3.4			170.4		310.1	
112#	-3500	28000		10		6		109		231		2.1		2.7			208.6		442.2
113#	-3750	28000	16		8		72		159		2.2		2.4			137.8		304.3	
114#	-4000	28000		7		6		118		225		1.6		2.6			225.9		430.7
115#	-4250	28000	15		4		79		165		2.3		1.3			151.2		315.8	
116#	-4500	28000		7		2		282		257		3.8		1			539.8		491.9
117#	-4750	28000	3		10		160		173		0.9		3.3			306.3		331.1	
118#	-5000	28000		9		8		128		195		2.2		3			245		373.3
119#	-5250	28000	12		7		86		150		2		2			164.6		287.1	
120#	-5500	28000		12		12		130		208		3		4.8			248.8		398.1
121#	-5750	28000	14		11		115		207		3.1		4.4			220.1		396.2	
122#	-6000	28000		11				213				4.5					407.7		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3		APP. N=4	RESIST N=1	OHM. N=2	FT N=3	F N=4	REQ. E N=1	FFECT N=2		APP. N=3	RESI N=4	ST OHM N=1	.M N=2	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	-6250	28000	6		11		187		176		2.1		3.7		357.9		336.9		
124#	-6500	28000		13		7		157		208		3.9		2.8		300.5		398.1	
125#	-6750	28000	11		11		100		179		2.1		3.8		191.4		342.6		
126#	-7000	28000		15		12		121		175		3.5		4		231.6		335	
127#	-7250	28000	20		37		84		59		3.2		4.2		160.8		112.9		
128#	-7500	28000		17		24		79		94		2.6		4.3		151.2		179.9	
129#	-7750	28000	21		10		81		142		3.3		2.7		155		271.8		
130#	-8000	28000		14		20		138		120		3.7		4.6		264.2		229.7	
131#	-8250	28000	13		11		161		115		4		2.4		308.2		220.1		
132#	-8500	28000		17		13		96		127		3.1		3.2		183.8		243.1	
133#	-8750	28000	22		17		55		116		2.3		3.8		105.3		222		
134#	-9000	28000		19				75				2.7				143.6			
135#	-9250	28000	10		25		53		60		1		2.9		101.4		114.8		
136#	-9500	28000		20		17		54		95		2.1		3.1		103.4		181.8	
137#	-9750	28000	21		26		29		95		1.2		4.7		55.5		181.8		
138#	-10000	28000		19		25		54		73		2		3.5		103.4		139.7	
139#	-10250	28000	35		25		37		47		2.5		2.2		70.8		90		
140#	-10500	28000		10		16		41		74		0.8		2.3		78.5		141.6	
141#	-10750	28000	43		17		49		66		4		2.1		93.8		126.3		
142#	-11000	28000		16		19		75		68		2.3		2.5		143.6		130.2	
143#	-11250	28000	21		17		79		76		3.2		2.5		151.2		145.5		
144#	-11500	28000		21		77		68		52		2.7		7.7		130.2		99.5	
145#	-11750	28000	40		77		49		44		3.8		6.5		93.8		84.2		
146#	-12000	28000		19				33				1.2				63.2			
147#	-12250	28000	12		25		49		76		1.1		3.6		93.8		145.5		
148#	-12500	28000		8		22		98		98		1.5		4.1		187.6		187.6	
149#	-12750	28000	7		11		61		132		0.8		2.8		116.8		252.7		
150#	-13000	28000		22		18		97		144		4.1		5		185.7		275.6	
151#	-13250	28000	45		19		31		126		2.7		4.6		59.3		241.2		
152#	-13500	28000		21		20		63		110		2.5		4.2		120.6		210.6	
153#	-13750	28000	28		29		54		65		2.9		3.6		103.4		124.4		
154#	-14000	28000		24		18		66		124		3		4.3		126.3		237.4	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3		APP. N=1	RESIST N=2	OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3		N=4	APP. N=1	RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	-14250	28000	47		10		33		143		3		2.7			63.2		273.7	
156#	-14500	28000		36		9		58		206		4		3.5			111		394.3
157#	-14750	28000	27		8		64		150		3.3		2.3			122.5		287.1	
158#	-15000	28000		14				86				2.3					164.6		
159#	-15250	28000	21		6		42		186		1.7		2.1			80.4		356	
160#	-15500	28000		6		12		112		163		1.3		3.7			214.4		312
161#	-15750	28000	10		8		78		106		1.5		1.6			149.3		202.9	
162#	-16000	28000		13		8		99		159		2.5		2.4			189.5		304.3
163#	-16250	28000	13		7		71		195		1.8		2.6			135.9		373.3	
164#	-16500	28000		27		9		68		309		3.5		5.3			130.2		591.5
165#	-16750	28000	15		9		99		240		2.8		4.1			189.5		459.4	
166#	-17000	28000		21		13				214		21		5.3					409.6
167#	-17250	28000	22		14		69		209		2.9		5.6			132.1		400.1	
168#	-17500	28000		55		6		68		347		7.2		4			130.2		664.2
169#	-17750	28000	19		22		74		126		2.7		5.3			141.6		241.2	
170#	-18000	28000		17				144				4.7					275.6		
171#	-18250	28000	13		16		122		244		3		7.5			233.5		467.1	
172#	-18500	28000		13		12		254		300		6.3		6.9			486.2		574.2
173#	-18750	28000	16		7		178		331		5.5		4.4			340.7		633.6	
174#	-19000	28000		13		16		260		276		6.5		8.5			497.7		528.3
175#	-19250	28000	10		17		282		214		5.4		7			539.8		409.6	
176#	-19500	28000		11		12		270		240		5.7		5.5			516.8		459.4
177#	-19750	28000	15		10		282		315		8.1		6			539.8		603	
178#	-20000	28000		11		7		378		375		8		5			723.5		717.8
179#	-20250	28000	13		8		272		493		6.8		7.5			520.6		943.7	
180#	-20500	28000		7		11		366		316		4.9		6.7			700.6		604.9
181#	-20750	28000	9		12		256		269		4.4		6.2			490		514.9	
182#	-21000	28000		18				180				6.2					344.5		
183#	-21250	28000	16		10		120		400		3.7		7.7			229.7		765.7	
184#	-21500	28000		7		11		355		350		4.8		7.4			679.5		670
185#	-21750	28000	7		11		425		280		5.7		5.9			813.5		536	
186#	-22000	28000		7		6		368		333		4.9		3.8			704.4		637.4

[illegible]

NORTH REGIONAL 320N 500 FEET ??-??-??
 IP 192.5W-242.5E LENGTH 43500 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST =-X,
 TRAVERSES INCREASE SOUTH =-Y

****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP.	RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1	24250	32000	44				16				1.3				30.6			
2	24000	32000		32				19				1.2				36.4		
3	23750	32000	28		30		18		27		1		1.6		34.5		51.7	
4	23500	32000		39		41		23		32		1.7		2.5		44		61.3
5	23250	32000	4		14		27		28		0.2		0.8		51.7		53.6	
6	23000	32000		6				34				0.4				65.1		
7	22750	32000	30		38		30		32		1.7		2.3		57.4		61.3	
8	22500	32000		28		26		29		35		1.6		1.7		55.5		67
9	22250	32000	25		27		28		30		1.3		1.6		53.6		57.4	
10	22000	32000		19		200		32		20		1.2		7.7		61.3		38.3
11	21750	32000	24		85		25		20		1.1		3.3		47.9		38.3	
12	21500	32000		67		14		15		37		1.9		1		28.7		70.8
13	21250	32000	57		21		14		29		1.5		1.2		26.8		55.5	
14	21000	32000		38		30		21		30		1.5		1.7		40.2		57.4
15	20750	32000	75		55		16		22		2.3		2.3		30.6		42.1	
16	20500	32000		58		178		19		18		2.1		6.1		36.4		34.5
17	20250	32000	90		100		10		16		1.7		3.1		19.1		30.6	
18	20000	32000		177				10				3.4				19.1		
19	19750	32000	195		31		9		16		3.4		0.9		17.2		30.6	
20	19500	32000		31		100		16		15		0.9		2.9		30.6		28.7
21	19250	32000	8		163		12		15		0.2		4.7		23		28.7	
22	19000	32000		100		78		12		20		2.3		3		23		38.3
23	18750	32000	193		87		8		15		3		2.5		15.3		28.7	
24	18500	32000		136		85		17		20		4.4		3.3		32.5		38.3
25	18250	32000	90		107		10		14		1.7		2.9		19.1		26.8	
26	18000	32000		44		81		16		21		1.3		3.3		30.6		40.2

****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP. N=1	RESI N=2	ST OHM N=3	.M N=4
****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27	17750	32000	11		58		9		24		0.2		2.7		17.2		45.9	
28	17500	32000		78		66		14		30		2.1		3.8		26.8		57.4
29	17250	32000	21		74		10		19		0.4		2.7		19.1		36.4	
30	17000	32000		43				14				1.2				26.8		
31	16750	32000	10		27		10		15		0.2		0.8		19.1		28.7	
32	16500	32000				8		12		13				0.2		23		24.9
33	16250	32000	20				10		12		0.4				19.1		23	
34	16000	32000		67				12		19		1.5				23		36.4
35	15750	32000	78				9		21		1.3				17.2		40.2	
36	15500	32000		77				17		34		2.5				32.5		65.1
37	15250	32000	100		7		7		29		1.3		0.4		13.4		55.5	
38	15000	32000		12		20		16		36		0.4		1.4		30.6		68.9
39	14750	32000	123		12		7		42		1.6		1		13.4		80.4	
40	14500	32000		17		104		12		24		0.4		4.8		23		45.9
41	14250	32000	65		13		9		15		1.1		0.4		17.2		28.7	
42	14000	32000		20				15				0.6				28.7		
43	13750	32000	90		14		10		22		1.7		0.6		19.1		42.1	
44	13500	32000		42		6		19		50		1.5		0.6		36.4		95.7
45	13250	32000	35		28		8		47		0.5		2.5		15.3		90	
46	13000	32000		22		28		27		53		1.1		2.8		51.7		101.4
47	12750	32000			40		15		35				2.7		28.7		67	
48	12500	32000				18		22		50				1.7		42.1		95.7
49	12250	32000	57		39		14		35		1.5		2.6		26.8		67	
50	12000	32000		30		26		27		55		1.6		2.7		51.7		105.3
51	11750	32000	45		33		36		51		3.1		3.2		68.9		97.6	
52	11500	32000		28		30		71		84		3.8		4.8		135.9		160.8
53	11250	32000	35		13		45		134		3		3.3		86.1		256.5	
54	11000	32000		25				95				4.5				181.8		
55	10750	32000	24		10		67		90		3.1		1.7		128.2		172.3	
56	10500	32000		6		25		320		111		3.7		5.3		612.5		212.5
57	10250	32000	10		7		62		970		1.2		13		118.7		1856.7	
58	10000	32000		16		23		92		115		2.8		5.1		176.1		220.1

****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP. N=1	RESI N=2	ST OHM N=3	.M N=4
****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59	9750	32000	22		23		93		12		3.9		0.5		178		23	
60	9500	32000		22		26		128		116		5.4		5.8		245		222
61	9250	32000	14		17		93		136		2.5		4.4		178		260.3	
62	9000	32000		27		30		100		129		5.2		7.4		191.4		246.9
63	8750	32000	20		26		80		101		3.1		5		153.1		193.3	
64	8500	32000		29		29		84		80		4.7		4.4		160.8		153.1
65	8250	32000	21		21		63		70		2.5		2.8		120.6		134	
66	8000	32000		33				45				2.8				86.1		
67	7750	32000	44		21		38		62		3.2		2.5		72.7		118.7	
68	7500	32000		31		12		39		170		2.3		3.9		74.7		325.4
69	7250	32000	31		24		29		113		1.7		5.2		55.5		216.3	
70	7000	32000		14		9		83		141		2.2		2.4		158.9		269.9
71	6750	32000	29		14		34		114		1.9		3.1		65.1		218.2	
72	6500	32000		19		18		57		65		2.1		2.2		109.1		124.4
73	6250	32000	19		16		37		44		1.3		1.3		70.8		84.2	
74	6000	32000		18		19		33		62		1.1		2.3		63.2		118.7
75	5750	32000	26		26		43		97		2.1		4.8		82.3		185.7	
76	5500	32000		22		27		67		71		2.8		3.7		128.2		135.9
77	5250	32000	23		7		35		126		1.5		1.7		67		241.2	
78	5000	32000		18				74				2.5				141.6		
79	4750	32000	30		15		44		146		2.5		4.2		84.2		279.5	
80	4500	32000		18		13		84		180		2.9		4.5		160.8		344.5
81	4250	32000	27		21		62		115		3.2		4.6		118.7		220.1	
82	4000	32000		19		18		100		130		3.6		4.5		191.4		248.8
83	3750	32000	13		15		75		128		1.9		3.7		143.6		245	
84	3500	32000		29		17		96		145		5.3		4.7		183.8		277.6
85	3250	32000	21		16		106		120		4.3		3.7		202.9		229.7	
86	3000	32000		23		17		136		137		6		4.5		260.3		262.2
87	2750	32000	18		16		120		160		4.1		4.9		229.7		306.3	
88	2500	32000		19		12		154		200		5.6		4.6		294.8		382.8
89	2250	32000	19		15		97		198		3.5		5.7		185.7		379	
90	2000	32000		24				148				6.8				283.3		

****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP. N=1	RESI N=2	ST OHM N=3	.M N=4
****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91	1750	32000	24		28		96		96		4.4		5.1		183.8		183.8	
92	1500	32000		23		17		71		167		3.1		5.4		135.9		319.7
93	1250	32000	42		11		40		137		3.2		2.9		76.6		262.2	
94	1000	32000		7		22		100		129		1.3		5.4		191.4		246.9
95	750	32000	13		23		55		100		1.4		4.4		105.3		191.4	
96	500	32000		25		27		64		84		3.1		4.3		122.5		160.8
97	250	32000	37		22		19		64		1.3		2.7		36.4		122.5	
98	0	32000		27		27		22		71		1.1		3.7		42.1		135.9
99	-250	32000	7				15		18		0.2				28.7		34.5	
100	-500	32000		6		6		17		90		0.2		1		32.5		172.3
101	-750	32000	25		3		12		92		0.6		0.5		23		176.1	
102	-1000	32000		11				62				1.3				118.7		
103	-1250	32000	29		12		28		68		1.6		1.6		53.6		130.2	
104	-1500	32000		49		9		37		81		3.5		1.4		70.8		155
105	-1750	32000	117		26		17		38		3.8		1.9		32.5		72.7	
106	-2000	32000		79		38		19		52		2.9		3.8		36.4		99.5
107	-2250	32000	19		71		80		28		2.9		3.8		153.1		53.6	
108	-2500	32000		16		105		107		20		3.3		4		204.8		38.3
109	-2750	32000	30		9		86		80		4.9		1.4		164.6		153.1	
110	-3000	32000		24		11		70		159		3.2		3.3		134		304.3
111	-3250	32000	13		10		75		150		1.9		2.9		143.6		287.1	
112	-3500	32000		13		11		152		208		3.8		4.4		290.9		398.1
113	-3750	32000	25		12		68		247		3.3		5.7		130.2		472.8	
114	-4000	32000		17				140				4.6				268		
115	-4250	32000	20		17		66		83		2.5		2.7		126.3		158.9	
116	-4500	32000		40		22		45		100		3.4		4.2		86.1		191.4
117	-4750	32000	33		45		54		31		3.4		2.7		103.4		59.3	
118	-5000	32000		43		42		60		40		4.9		3.2		114.8		76.6
119	-5250	32000	35		20		54		35		3.6		1.3		103.4		67	
120	-5500	32000		31		23		62		105		3.7		4.6		118.7		201
121	-5750	32000	44		25		25		130		2.1		6.2		47.9		248.8	
122	-6000	32000		23		16		60		160		2.6		4.9		114.8		306.3

****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP. N=1	RESI N=2	ST OHM N=3	.M N=4
****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123	-6250	32000	19		16		48		89		1.7		2.7		91.9		170.4	
124	-6500	32000		4		18		56		142		0.4		4.9		107.2		271.8
125	-6750	32000	22		36		29		87		1.2		6		55.5		166.5	
126	-7000	32000		9				60				1				114.8		
127	-7250	32000	35		20		43		46		2.9		1.8		82.3		88.1	
128	-7500	32000		18		30		45		33		1.6		1.9		86.1		63.2
129	-7750	32000	48		35		23		37		2.1		2.5		44		70.8	
130	-8000	32000		61		21		23		66		2.7		2.7		44		126.3
131	-8250	32000	82		33		16		45		2.5		2.8		30.6		86.1	
132	-8500	32000		8		19		48		57		0.7		2.1		91.9		109.1
133	-8750	32000	86		22		14		68		2.3		2.9		26.8		130.2	
134	-9000	32000		29		23		41		21		2.3		0.9		78.5		40.2
135	-9250	32000	111		10		18		50		3.8		1		34.5		95.7	
136	-9500	32000		150		14		12		77		3.4		2.1		23		147.4
137	-9750	32000	22		36		18		36		0.8		2.5		34.5		68.9	
138	-10000	32000		87				15				2.5				28.7		
139	-10250	32000	37		57		30		21		2.1		2.3		57.4		40.2	
140	-10500	32000		17		143		36		21		1.2		5.7		68.9		40.2
141	-10750	32000	33		23		21		35		1.3		1.5		40.2		67	
142	-11000	32000		43		29		33		34		2.7		1.9		63.2		65.1
143	-11250	32000	46		72		35		32		3.1		4.4		67		61.3	
144	-11500	32000		32		23		41		44		2.5		1.9		78.5		84.2
145	-11750	32000	48		25		21		59		1.9		2.8		40.2		112.9	
146	-12000	32000		32		26		37		74		2.3		3.7		70.8		141.6
147	-12250	32000	75		48		24		38		3.4		3.5		45.9		72.7	
148	-12500	32000		17		29		40		52		1.3		2.9		76.6		99.5
149	-12750	32000	41		28		32		43		2.5		2.3		61.3		82.3	
150	-13000	32000		35				34				2.3				65.1		
151	-13250	32000	46		32		24		37		2.1		2.3		45.9		70.8	
152	-13500	32000		6		16		32		108		0.4		3.3		61.3		206.7
153	-13750	32000	83		19		17		95		2.7		3.5		32.5		181.8	
154	-14000	32000		19		8		79		177		2.9		2.7		151.2		338.8

[illegible]

SOUTH REGIONAL 1540S 500 FEET ??-??-??

IP 697.5W-377.5W LENGTH 31000 FEET

GEOCHEMISTRY nil

ALONG LINE STATIONS INCREASE WEST =-X,

TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP.	RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	-37750	-154000	79				19				2.9				36.4			
2#	-38000	-154000		54				28				2.9				53.6		
3#	-38250	-154000	36		38		38		33		2.6		2.4		72.7		63.2	
4#	-38500	-154000		36		25		33		49		2.3		2.3		63.2		93.8
5#	-38750	-154000	54		20		14		50		1.4		1.9		26.8		95.7	
6#	-39000	-154000		26				27				1.3				51.7		
7#	-39250	-154000	22		80		23		25		1		3.8		44		47.9	
8#	-39500	-154000		76		46		23		27		3.3		2.4		44		51.7
9#	-39750	-154000	167		98		12		23		3.8		4.3		23		44	
10#	-40000	-154000		150		70		15		32		4.3		4.3		28.7		61.3
11#	-40250	-154000	58		111		13		21		1.4		4.5		24.9		40.2	
12#	-40500	-154000		79		83		19		30		2.9		4.8		36.4		57.4
13#	-40750	-154000	175		73		10		24		3.3		3.4		19.1		45.9	
14#	-41000	-154000		125		46		16		27		3.8		2.4		30.6		51.7
15#	-41250	-154000	67		66		15		19		1.9		2.4		28.7		36.4	
16#	-41500	-154000		53		97		19		6		1.9		1.1		36.4		11.5
17#	-41750	-154000	54		103		14		17		1.4		3.4		26.8		32.5	
18#	-42000	-154000		100				15				2.9				28.7		
19#	-42250	-154000	99		117		17		15		3.2		3.4		32.5		28.7	
20#	-42500	-154000		76		215		23		60		3.3		24.7		44		114.8
21#	-42750	-154000	50		77		15		26		1.4		3.8		28.7		49.8	
22#	-43000	-154000		75		78		20		32		2.9		4.8		38.3		61.3
23#	-43250	-154000	125		74		10		27		2.4		3.8		19.1		51.7	
24#	-43500	-154000		100		67		15		30		2.9		3.8		28.7		57.4
25#	-43750	-154000	28		125		9		18		0.5		4.3		17.2		34.5	
26#	-44000	-154000		115		158		13		18		2.9		5.4		24.9		34.5

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP.	RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	-44250	-154000	83		78		6		16		1		2.4		11.5		30.6	
28#	-44500	-154000		156		143		8		17		2.4		4.7		15.3		32.5
29#	-44750	-154000	143		215		7		10		1.9		4.1		13.4		19.1	
30#	-45000	-154000		125				10				2.4				19.1		
31#	-45250	-154000	36		275		7		10		0.5		5.3		13.4		19.1	
32#	-45500	-154000		214				7		12		2.9				13.4		23
33#	-45750	-154000	150		285		5		10		1.4		5.5		9.6		19.1	
34#	-46000	-154000		156				8		13		2.4				15.3		24.9
35#	-46250	-154000	350				5		6		3.3				9.6		11.5	
36#	-46500	-154000		470				5		10		4.5				9.6		19.1
37#	-46750	-154000	188		161		4		9		1.4		2.8		7.7		17.2	
38#	-47000	-154000		220		112		8		20		3.4		4.3		15.3		38.3
39#	-47250	-154000	150		83		5		21		1.4		3.3		9.6		40.2	
40#	-47500	-154000		107		108		14		19		2.9		3.9		26.8		36.4
41#	-47750	-154000	72		133		7		15		1		3.8		13.4		28.7	
42#	-48000	-154000		194				9				3.3				17.2		
43#	-48250	-154000	36		266		7		13		0.5		6.6		13.4		24.9	
44#	-48500	-154000		159		173		11		20		3.3		6.6		21.1		38.3
45#	-48750	-154000	115		184		13		19		2.9		6.7		24.9		36.4	
46#	-49000	-154000		103		220		29		18		5.7		7.6		55.5		34.5
47#	-49250	-154000	50		108		15		30		1.4		6.2		28.7		57.4	
48#	-49500	-154000		125		72		18		52		4.3		7.2		34.5		99.5
49#	-49750	-154000	38		90		20		36		1.5		6.2		38.3		68.9	
50#	-50000	-154000		40		140		50		26		3.8		7		95.7		49.8
51#	-50250	-154000	24		50		41		40		1.9		3.8		78.5		76.6	
52#	-50500	-154000		42		89		42		43		3.4		7.3		80.4		82.3
53#	-50750	-154000	50		42		20		48		1.9		3.9		38.3		91.9	
54#	-51000	-154000		67				26				3.3				49.8		
55#	-51250	-154000	59		49		17		36		1.9		3.4		32.5		68.9	
56#	-51500	-154000		83		29		24		52		3.8		2.9		45.9		99.5
57#	-51750	-154000	88		63		17		40		2.9		4.8		32.5		76.6	
58#	-52000	-154000		78		47		29		44		4.3		4		55.5		84.2

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP.	RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	-52250	-154000	67		58		26		32		3.3		3.6		49.8		61.3	
60#	-52500	-154000		71		53		28		58		3.8		5.9		53.6		111
61#	-52750	-154000	125		46		20		54		4.8		4.8		38.3		103.4	
62#	-53000	-154000		57		34		44		66		4.8		4.3		84.2		126.3
63#	-53250	-154000	86		53		26		61		4.3		6.2		49.8		116.8	
64#	-53500	-154000		67		81		45		44		5.8		6.8		86.1		84.2
65#	-53750	-154000	107		88		21		37		4.3		6.2		40.2		70.8	
66#	-54000	-154000		120				23				5.3				44		
67#	-54250	-154000	91		96		22		29		3.8		5.3		42.1		55.5	
68#	-54500	-154000		71		81		35		37		4.8		5.7		67		70.8
69#	-54750	-154000	70		43		25		52		3.3		4.3		47.9		99.5	
70#	-55000	-154000		51		66		44		38		4.3		4.8		84.2		72.7
71#	-55250	-154000	91		57		22		35		3.8		3.8		42.1		67	
72#	-55500	-154000		88		38		20		52		3.4		3.8		38.3		99.5
73#	-55750	-154000	111		67		9		30		1.9		3.8		17.2		57.4	
74#	-56000	-154000		88		28		17		71		2.9		3.8		32.5		135.9
75#	-56250	-154000	91		47		11		43		1.9		3.9		21.1		82.3	
76#	-56500	-154000		55		40		32		56		3.4		4.3		61.3		107.2
77#	-56750	-154000	96		45		13		111		2.4		9.6		24.9		212.5	
78#	-57000	-154000		103				17				3.4				32.5		
79#	-57250	-154000	84		78		15		29		2.4		4.3		28.7		55.5	
80#	-57500	-154000		67		68		26		43		3.3		5.6		49.8		82.3
81#	-57750	-154000	34		44		44		40		2.9		3.4		84.2		76.6	
82#	-58000	-154000		22		74		68		27		2.9		3.8		130.2		51.7
83#	-58250	-154000	33		40		46		50		2.9		3.8		88.1		95.7	
84#	-58500	-154000		44		55		40		41		3.4		4.3		76.6		78.5
85#	-58750	-154000	43		57		29		32		2.4		3.5		55.5		61.3	
86#	-59000	-154000		62		110		36		24		4.3		5.1		68.9		45.9
87#	-59250	-154000	73		56		31		27		4.3		2.9		59.3		51.7	
88#	-59500	-154000		35		36		29		49		1.9		3.4		55.5		93.8
89#	-59750	-154000	104		22		12		57		2.4		2.4		23		109.1	
90#	-60000	-154000		36				28				1.9				53.6		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL	FACTOR	N=2	N=3	N=4	APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT	N=1	N=2	ST OHM	.M
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	-60250	-154000	139		38			9		33		2.4		2.4		17.2		63.2	
92#	-60500	-154000		56		45		18		28		1.9		2.4		34.5		53.6	
93#	-60750	-154000	107		78			7		16		1.4		2.4		13.4		30.6	
94#	-61000	-154000		188		50		8		30		2.9		2.9		15.3		57.4	
95#	-61250	-154000	63		83			8		15		1		2.4		15.3		28.7	
96#	-61500	-154000		83		54		9		28		1.4		2.9		17.2		53.6	
97#	-61750	-154000	88		24			9		31		1.5		1.4		17.2		59.3	
98#	-62000	-154000		57				22		23		2.4				42.1		44	
99#	-62250	-154000	75		83			10		18		1.4		2.9		19.1		34.5	
100#	-62500	-154000		125		61		10		23		2.4		2.7		19.1		44	
101#	-62750	-154000	130		85			10		13		2.5		2.1		19.1		24.9	
102#	-63000	-154000		83				15				2.4				28.7			
103#	-63250	-154000	68		54			11		28		1.4		2.9		21.1		53.6	
104#	-63500	-154000		75		57		20		28		2.9		3.1		38.3		53.6	
105#	-63750	-154000	88		65			9		27		1.5		3.4		17.2		51.7	
106#	-64000	-154000		77		50		13		35		1.9		3.3		24.9		67	
107#	-64250	-154000	46		83			11		18		1		2.9		21.1		34.5	
108#	-64500	-154000		67		96		15		23		1.9		4.2		28.7		44	
109#	-64750	-154000	42		53			12		19		1		1.9		23		36.4	
110#	-65000	-154000		31		54		16		28		0.9		2.9		30.6		53.6	
111#	-65250	-154000	50		31			10		16		1		0.9		19.1		30.6	
112#	-65500	-154000		88		31		17		26		2.9		1.5		32.5		49.8	
113#	-65750	-154000	67		75			11		20		1.4		2.9		21.1		38.3	
114#	-66000	-154000		83				15				2.4				28.7			
115#	-66250	-154000	100		44			10		23		1.9		1.9		19.1		44	
116#	-66500	-154000		66		64		19		28		2.4		3.4		36.4		53.6	
117#	-66750	-154000	96		76			13		23		2.4		3.3		24.9		44	
118#	-67000	-154000		72		122		21		23		2.9		5.4		40.2		44	
119#	-67250	-154000	58		80			13		22		1.4		3.4		24.9		42.1	
120#	-67500	-154000		110		107		16		28		3.4		5.7		30.6		53.6	
121#	-67750	-154000	96		80			13		22		2.4		3.4		24.9		42.1	
122#	-68000	-154000		95		85				26		95		4.2				49.8	

[illegible]

ENVELOPE 208 0 XIX-21

NCREASE EAS⁺ #NAME?

*****						*****		*****		*****		*****		*****		*****																	
#		METAL FACTOR						APP. RESIST		OHM.FT				F		REQ. E		FFECT				APP		. RESI		ST OHM		.M		#			
No	X	Y	#	N=1	N=2	N=3	N=4		N=1	N=2	N=3	N=4		N=1	N=2	N=3	N=4		N=1	N=2	N=3	N=4		N=1	N=2	N=3	N=4		N=1	N=2	N=3	N=4	#
*****						*****		*****		*****		*****		*****		*****		*****		*****		*****		*****		*****		*****		*****		*****	
1#	-28500	-162000#				100.0						40.0										7.7									76.6	#	
2#	-28750	-162000#			64.0							51.0					6.2									97.6					#		
3#	-29000	-162000#		66.0		45.0			53			61.0			6.7							5.3			101.4						116.8	#	
4#	-29250	-162000#	75.0		48.0				30			62.0		4.3			5.7							57.4			118.7				#		
5#	-29500	-162000#		74.0		38.0			37			79.0			5.2							5.7			70.8						151.2	#	
6#	-29750	-162000#	80.0		63.0				25			48.0		3.8			5.8							47.9			91.9				#		
7#	-30000	-162000#		91.0		60.0			33			58.0			5.7							6.7			63.2						111.0	#	
8#	-30250	-162000#	57.0		63.0				35			40.0		3.8			4.8							67			76.6				#		
9#	-30500	-162000#		51.0		180.0			49			36.0			4.8							12.4			93.8						68.9	#	
10#	-30750	-162000#	42.0		80.0				42			44.0		3.4			6.7							80.4			84.2				#		
11#	-31000	-162000#		71.0		53.0			39			61.0			5.3							6.2			74.7						116.8	#	
12#	-31250	-162000#	78.0		48.0				32			57.0		4.8			5.2							61.3			109.1				#		
13#	-31500	-162000#		51.0		69.0			52			40.0			5.1							5.3			99.5						76.6	#	
14#	-31750	-162000#	91.0		71.0				33			39.0		5.7			5.3							63.2			74.7				#		
15#	-32000	-162000#		81.0		45.0			31			60.0			4.8							5.2			59.3						114.8	#	
16#	-32250	-162000#	102.0		52.0				27			53.0		5.3			5.3							51.7			101.4				#		
17#	-32500	-162000#		54.0					51						5.3										97.6						#		
18#	-32750	-162000#	52.0		36.0				48			70.0		4.8			4.8							91.9			134				#		
19#	-33000	-162000#		37.0		28.0			68			108.0			4.8																		

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*****
# METAL FACTOR |
No X Y # N=1 N=2 N=3 N=4 |
*****
27# -35000 -162000# 24.0 31.0|
28# -35250 -162000# 34.0 33.0 |
29# -35500 -162000# 36.0 |
30# -35750 -162000# 73.0 43.0 |
31# -36000 -162000# 45.0 18.0|
32# -36250 -162000# 53.0 24.0 |
33# -36500 -162000# 21.0 13.0|
34# -36750 -162000# 36.0 14.0 |
35# -37000 -162000# 27.0 18.0|
36# -37250 -162000# 26.0 24.0 |
37# -37500 -162000# 17.0 28.0|
38# -37750 -162000# 20.0 19.0 |
39# -38000 -162000# 14.0 15.0|
40# -38250 -162000# 22.0 12.0 |
41# -38500 -162000# 18.0 |
42# -38750 -162000# 15.0 14.0 |
43# -39000 -162000# 11.0 18.0|
44# -39250 -162000# 30.0 17.0 |
45# -39500 -162000# 25.0 119.0|
46# -39750 -162000# 29.0 27.0 |
47# -40000 -162000# 26.0 42.0|
48# -40250 -162000# 32.0 42.0 |
49# -40500 -162000# 49.0 90.0|
50# -40750 -162000# 212.0 64.0 |
51# -41000 -162000# 132.0 27.0|
52# -41250 -162000# 66.0 100.0 |
53# -41500 -162000# 88.0 |
54# -41750 -162000# 204.0 106.0 |
55# -42000 -162000# 135.0 23.0|
56# -42250 -162000# 111.0 80.0 |
57# -42500 -162000# 60.0 235.0|
58# -42750 -162000# 192.0 173.0 |

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*****
APP. RESIST OHM.FT | F REQ. E FFECT | APP . RESI ST OHM .M #
N=1 N=2 N=3 N=4 | N=1 N=2 N=3 N=4 | N=1 N=2 N=3 N=4 #
*****
83 80.0| 3.8 4.7| 158.9 153.1#
51 77.0 | 3.3 4.9 | 97.6 147.4 #
62 | 4.3 | 118.7 #
31 69.0 | 4.3 5.7 | 59.3 132.1 #
45 136.0| 3.9 4.7| 86.1 260.3#
33 95.0 | 3.3 4.4 | 63.2 181.8 #
82 114.0| 3.3 2.8| 157 218.2#
49 109.0 | 3.4 2.9 | 93.8 208.6 #
75 149.0| 3.9 5.1| 143.6 285.2#
76 106.0 | 3.8 4.9 | 145.5 202.9 #
115 87.0| 3.7 4.7| 220.1 166.5#
88 90.0 | 3.4 3.3 | 168.4 172.3 #
87 135.0| 2.3 3.9| 166.5 258.4#
80 142.0 | 3.4 3.3 | 153.1 271.8 #
114 | 3.9 | 218.2 #
117 180.0 | 3.4 4.8 | 224 344.5 #
175 140.0| 3.7 4.8| 335 268.0#
117 114.0 | 6.7 3.7 | 224 218.2 #
92 147.0| 4.4 33.5| 176.1 281.4#
77 120.0 | 4.3 6.2 | 147.4 229.7 #
125 76.0| 6.2 6.1| 239.3 145.5#
55 89.0 | 3.4 7.2 | 105.3 170.4 #
51 90.0| 4.8 15.5| 97.6 172.3#
13 64.0 | 5.3 7.8 | 24.9 122.5 #
17 66.0| 4.3 3.4| 32.5 126.3#
19 20.0 | 2.4 3.8 | 36.4 38.3 #
20 | 3.4 | 38.3 #
11 26.0 | 4.3 5.3 | 21.1 49.8 #
13 55.0| 3.4 2.4| 24.9 105.3#
9 28.0 | 1.9 4.3 | 17.2 53.6 #
20 17.0| 2.3 7.6| 38.3 32.5#
13 13.0 | 4.8 4.3 | 24.9 24.9 #

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METAL FACTOR |
No X Y # N=1 N=2 N=3 N=4 |

59#	-43000	-162000#	175.0			
60#	-43250	-162000#	125.0			
61#	-43500	-162000#	154.0			
62#	-43750	-162000#	135.0			
63#	-44000	-162000#	200.0			
64#	-44250	-162000#	250.0	114.0		
65#	-44500	-162000#	417.0			
66#	-44750	-162000#	179.0	500.0		
67#	-45000	-162000#	375.0	210.0		
68#	-45250	-162000#	500.0	321.0		
69#	-45500	-162000#	400.0			
70#	-45750	-162000#	167.0			
71#	-46000	-162000#	465.0			
72#	-46250	-162000#	432.0			
73#	-46500	-162000#	330.0			
74#	-46750	-162000#	308.0	406.0		
75#	-47000	-162000#	150.0			
76#	-47250	-162000#	306.0	146.0		
77#	-47500	-162000#	231.0			
78#	-47750	-162000#	349.0	350.0		
79#	-48000	-162000#	156.0			
80#	-48250	-162000#	469.0	111.0		
81#	-48500	-162000#	154.0			
82#	-48750	-162000#	243.0	109.0		
83#	-49000	-162000#	219.0	250.0		
84#	-49250	-162000#	359.0	382.0		
85#	-49500	-162000#	141.0			
86#	-49750	-162000#	115.0	225.0		
87#	-50000	-162000#	125.0	172.0		
88#	-50250	-162000#	119.0	50.0		
89#	-50500	-162000#	96.0			
90#	-50750	-162000#	162.0	154.0		

APP. RESIST
N=1 N=2

OHM.FT |
N=3 N=4 |

F
N=1

REQ. E
N=2

FFECT
N=3

|
N=4 |

APP
N=1

. RESI
N=2

ST OHM
N=3

.M #
N=4 #

10			3.3		19.1	#
12	10.0	2.9		23	19.1	#
13			3.8		24.9	#
13	12.0	3.4		24.9	23	#
15	16.0	5.7			28.7	30.6#
7	22.0	3.3	4.8	13.4	42.1	#
9		7.2			17.2	#
7	10.0	2.4	9.6	13.4	19.1	#
8	16.0	5.7		6.4	15.3	30.6#
5	14.0	4.8	8.6	9.6	26.8	#
10			7.7		19.1	#
9		2.9		17.2		#
7			6.2		13.4	#
3		2.5		5.7		#
5			3.2		9.6	#
6	7.0	3.5	5.4	11.5	13.4	#
10	8.0	2.9			19.1	15.3#
5	12.0	2.9	3.4	9.6	23	#
7			3.1		13.4	#
4	9.0	2.7	6	7.7	17.2	#
8			2.4		15.3	#
5	18.0	4.5	3.8	9.6	34.5	#
13	11.0	3.8		24.9		21.1#
7	9.0	3.3	1.9	13.4	17.2	#
6	12.0	2.5		5.7	11.5	23.0#
4	9.0	2.7	6.6	7.7	17.2	#
7	11.0	1.9			13.4	21.1#
9	10.0	2	4.3	17.2	19.1	#
14	16.0	3.3		5.3	26.8	30.6#
6	25.0	1.4	2.4	11.5	47.9	#
13			2.4		24.9	#
8	13.0	2.5	3.8	15.3	24.9	#

```

*****
# METAL FACTOR |
No X Y # N=1 N=2 N=3 N=4 |
*****
91# -51000 -162000# 102.0 139.0|
92# -51250 -162000# 289.0 67.0 |
93# -51500 -162000# 75.0 60.0|
94# -51750 -162000# 109.0 78.0 |
95# -52000 -162000# 83.0 |
96# -52250 -162000# 167.0 29.0 |
97# -52500 -162000# 78.0 35.0|
98# -52750 -162000# 198.0 128.0 |
99# -53000 -162000# 136.0 91.0|
100# -53250 -162000# 202.0 147.0 |
101# -53500 -162000# 125.0 |
102# -53750 -162000# 139.0 107.0 |
103# -54000 -162000# 100.0 |
104# -54250 -162000# 135.0 250.0 |
105# -54500 -162000# 143.0 269.0|
106# -54750 -162000# 167.0 133.0 |
107# -55000 -162000# 150.0 180.0|
108# -55250 -162000# 197.0 132.0 |
109# -55500 -162000# 125.0 92.0|
110# -55750 -162000# 214.0 161.0 |
111# -56000 -162000# 175.0 |
112# -56250 -162000# 175.0 |
113# -56500 -162000# 200.0 |
114# -56750 -162000# 224.0 162.0 |
115# -57000 -162000# 96.0 |
116# -57250 -162000# 86.0 111.0 |
117# -57500 -162000# 76.0 |
118# -57750 -162000# 244.0 173.0 |
119# -58000 -162000# 200.0 |
120# -58250 -162000# 133.0 |
121# -58500 -162000# |
*****

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*****
APP. RESIST OHM.FT | F REQ. E FFECT | APP . RESI ST OHM .M #
N=1 N=2 N=3 N=4 | N=1 N=2 N=3 N=4 | N=1 N=2 N=3 N=4 #
*****
10 18.0| 2 4.8| 19.1 34.5#
5 15.0 | 2.8 1.9 | 9.6 28.7 #
10 21.0| 1.4 2.4| 19.1 40.2#
7 16.0 | 1.5 2.4 | 13.4 30.6 #
12 23.0| 1.9 | 23 44.0#
6 17.0 | 1.9 0.9 | 11.5 32.5 #
10 29.0| 1.5 1.9| 19.1 55.5#
6 16.0 | 2.3 3.9 | 11.5 30.6 #
11 22.0| 2.9 3.8| 21.1 42.1#
6 17.0 | 2.3 4.8 | 11.5 32.5 #
12 | 2.9 | 23 #
7 14.0 | 1.9 2.9 | 13.4 26.8 #
10 14.0| 1.9 | 19.1 26.8#
13 11.0 | 3.4 5.3 | 24.9 21.1 #
14 13.0| 3.8 6.7| 26.8 24.9#
12 15.0 | 3.8 3.8 | 23 28.7 #
15 18.0| 4.3 6.2| 28.7 34.5#
9 17.0 | 3.4 4.3 | 17.2 32.5 #
12 19.0| 2.9 3.3| 23 36.4#
8 14.0 | 3.3 4.3 | 15.3 26.8 #
10 16.0| 3.3 | 19.1 30.6#
9 12.0 | 3 | 17.2 23 #
10 | 3.8 | 19.1 #
8 17.0 | 3.4 5.3 | 15.3 32.5 #
13 22.0| 2.4 | 24.9 42.1#
9 18.0 | 1.5 3.8 | 17.2 34.5 #
13 17.0| 1.9 | 24.9 32.5#
8 13.0 | 3.7 4.3 | 15.3 24.9 #
10 22.0| 3.8 | 19.1 42.1#
17.0 | 4.3 | 32.5 #
30.0| | 57.4#
*****

```


[illegible]

ALONG LINE STATIONS INCREASE WEST =-X, INCREASE EAST

TRAVERSES INCREASE SOUTH = -Y

X,Y,MFN=1,N=2,N=3,N=4,R/2PIN=1,N=2,N=3,N=4

I6,2X,I7,4X,,8F5.1

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	-19500	-170000		36		42		56		59		3.9		4.7		107.2		112.9
2#	-19750	-170000	33		59		46		38		2.9		4.3		88.1		72.7	
3#	-20000	-170000		62				32				3.8				61.3		
4#	-20250	-170000	87		35		26		65		4.3		4.4		49.8		124.4	
5#	-20500	-170000		41		34		55		62		4.3		4		105.3		118.7
6#	-20750	-170000	42		48		54		52		4.3		4.8		103.4		99.5	
7#	-21000	-170000		44		44		51		57		4.3		4.8		97.6		109.1
8#	-21250	-170000	44		41		45		55		3.8		4.3		86.1		105.3	
9#	-21500	-170000		39		49		51		56		3.8		5.3		97.6		107.2
10#	-21750	-170000	47		33		48		53		4.3		3.3		91.9		101.4	
11#	-22000	-170000		41		34		55		59		4.3		3.8		105.3		112.9
12#	-22250	-170000	44		38		40		66		3.4		4.8		76.6		126.3	
13#	-22500	-170000		38		34		53		81		3.9		5.3		101.4		155
14#	-22750	-170000	34		35		51		65		3.3		4.4		97.6		124.4	
15#	-23000	-170000		33				61				3.9				116.8		
16#	-23250	-170000	27		34		83		31		4.3		2		158.9		59.3	
17#	-23500	-170000		34		48		81		57		5.3		5.2		155		109.1
18#	-23750	-170000	35		53		65		57		4.4		5.8		124.4		109.1	
19#	-24000	-170000		52		74		48		44		4.8		6.2		91.9		84.2
20#	-24250	-170000	10		71		63		39		1.2		5.3		120.6		74.7	
21#	-24500	-170000		68		81		48		40		6.2		6.2		91.9		76.6
22#	-24650	-170000	83		69		36		47		5.7		6.2		68.9		90	
23#	-25000	-170000		71		51		39		69		5.3		6.7		74.7		132.1
24#	-25250	-170000	107		66		28		61		5.7		7.7		53.6		116.8	
25#	-25500	-170000		51		65		44		54		4.3		6.7		84.2		103.4
26#	-25750	-170000	64		81		39		40		4.8		6.2		74.7		76.6	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	-26000	-170000		57				35				3.8				67		
28#	-26250	-170000	90		38		25		85		4.3		6.2		47.9		162.7	
29#	-26500	-170000		38		70		72		84		5.2		11.3		137.8		160.8
30#	-26750	-170000	34		76		73		46		4.8		6.7		139.7		88.1	
31#	-27000	-170000		63		40		46		76		5.5		5.8		88.1		145.5
32#	-27250	-170000	125		30		20		83		4.8		4.8		38.3		158.9	
33#	-27500	-170000		64		40		84		69		10.3		5.3		160.8		132.1
34#	-27750	-170000	43		79		69		38		5.7		5.7		132.1		72.7	
35#	-28000	-170000		46		108		60		25		5.3		5.2		114.8		47.9
36#	-28250	-170000	48		66		47		42		4.3		5.3		90		80.4	
37#	-28500	-170000		44		63		34		56		2.9		6.8		65.1		107.2
38#	-28750	-170000	27		76		37		45		1.9		6.5		70.8		86.1	
39#	-29000	-170000		35				50				3.3				95.7		
40#	-29250	-170000	71		33		35		75		4.8		4.7		67		143.6	
41#	-29500	-170000		40		34		57		89		4.4		5.8		109.1		170.4
42#	-29750	-170000	67		36		30		70		3.8		4.8		57.4		134	
43#	-30000	-170000		81		31		31		81		4.8		4.8		59.3		155
44#	-30250	-170000	56		58		36		39		3.9		4.3		68.9		74.7	
45#	-30500	-170000		44		41		46		49		3.9		3.8		88.1		93.8
46#	-30750	-170000	44		43		40		58		3.4		4.8		76.6		111	
47#	-31000	-170000		39		34		58		74		4.3		4.8		111		141.6
48#	-31250	-170000	29		22		51		79		2.8		3.3		97.6		151.2	
49#	-31500	-170000		23		24		77		74		3.4		3.4		147.4		141.6
50#	-31750	-170000	37		21		47		82		3.3		3.3		90		157	
51#	-32000	-170000		31				57				3.4				109.1		
52#	-32250	-170000	42		37		42		67		3.4		4.7		80.4		128.2	
53#	-32500	-170000		33		36		53		63		3.3		4.3		101.4		120.6
54#	-32750	-170000	37		40		47		57		3.3		4.4		90		109.1	
55#	-33000	-170000		44		32		51		78		4.3		4.8		97.6		149.3
56#	-33250	-170000	61		32		37		71		4.3		4.3		70.8		135.9	
57#	-33500	-170000		41		38		49		59		3.8		4.3		93.8		112.9
58#	-33750	-170000	44		49		46		46		3.9		4.3		88.1		88.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	-34000	-170000		40		59		44		43		3.4		4.9		84.2		82.3
60#	-34250	-170000	75		54		30		46		4.3		4.8		57.4		88.1	
61#	-34500	-170000		56		57		36		44		3.9		4.8		68.9		84.2
62#	-34750	-170000	46		66		38		38		3.3		4.8		72.7		72.7	
63#	-35000	-170000		44				45				3.8				86.1		
64#	-35250	-170000	67		35		30		72		3.8		4.8		57.4		137.8	
65#	-35500	-170000		12		38		169		59		3.9		4.3		323.5		112.9
66#	-35750	-170000	22		68		100		44		4.2		5.7		191.4		84.2	
67#	-36000	-170000		78		34		32		73		4.8		4.8		61.3		139.7
68#	-36250	-170000	107		45		21		55		4.3		4.7		40.2		105.3	
69#	-36500	-170000		55		48		41		52		4.3		4.8		78.5		99.5
70#	-36750	-170000	35		63		49		40		3.3		4.8		93.8		76.6	
71#	-37000	-170000		35		61		50		41		3.3		4.8		95.7		78.5
72#	-37250	-170000	53		37		33		54		3.3		3.8		63.2		103.4	
73#	-37500	-170000		54		42		37		60		3.8		4.8		70.8		114.8
74#	-37750	-170000	40		52		38		43		2.9		4.3		72.7		82.3	
75#	-38000	-170000		54				37				3.8				70.8		
76#	-38250	-170000	39		34		39		51		2.9		3.3		74.7		97.6	
77#	-38500	-170000		45		21		39		84		3.4		3.4		74.7		160.8
78#	-38750	-170000	65		18		27		70		3.4		2.4		51.7		134	
79#	-39000	-170000		19		31		53		64		1.9		3.8		101.4		122.5
80#	-39250	-170000	112		34		42		51		9		3.3		80.4		97.6	
81#	-39500	-170000		46		32		43		54		3.8		3.3		82.3		103.4
82#	-39750	-170000	68		41		22		43		2.9		3.4		42.1		82.3	
83#	-40000	-170000		25		41		30		41		1.4		3.2		57.4		78.5
84#	-40250	-170000	83		80		24		28		3.8		4.3		45.9		53.6	
85#	-40500	-170000		67		265		29		20		3.7		10.1		55.5		38.3
86#	-40750	-170000	118		187		17		20		3.8		7.2		32.5		38.3	
87#	-41000	-170000		250				13				6.2				24.9		
88#	-41250	-170000	271		158		12		27		6.2		8.2		23		51.7	
89#	-41500	-170000		116		113		28		33		6.2		7.1		53.6		63.2
90#	-41750	-170000	90		96		25		34		4.3		6.2		47.9		65.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	-42000	-170000		73		101		31		32		4.3		6.2		59.3		61.3
92#	-42250	-170000	26		81		29		31		1.4		4.8		55.5		59.3	
93#	-42500	-170000		55		91		32		30		3.4		5.2		61.3		57.4
94#	-42750	-170000	17		53		30		33		1		3.3		57.4		63.2	
95#	-43000	-170000		29		53		34		38		1.9		3.9		65.1		72.7
96#	-43250	-170000	42		45		24		44		1.9		3.8		45.9		84.2	
97#	-43500	-170000		40		39		38		45		2.9		3.4		72.7		86.1
98#	-43750	-170000	68		43		22		41		2.9		3.4		42.1		78.5	
99#	-44000	-170000		60				29				3.3				55.5		
100#	-44250	-170000	79		56		19		18		2.9		1.9		36.4		34.5	
101#	-44500	-170000		107		115		14		20		2.9		4.4		26.8		38.3
102#	-44750	-170000	83		94		12		16		1.9		2.9		23		30.6	
103#	-45000	-170000		107		57		14		28		2.9		3.1		26.8		53.6
104#	-45250	-170000	100		40		10		25		1.9		1.9		19.1		47.9	
105#	-45500	-170000		48		64		21		22		1.9		2.7		40.2		42.1
106#	-45750	-170000	68		75		11		20		1.4		2.9		21.1		38.3	
107#	-46000	-170000		158		119		11		21		3.3		4.8		21.1		40.2
108#	-46250	-170000	167		167		6		12		1.9		3.8		11.5		23	
109#	-46500	-170000		188				8		9		2.9				15.3		17.2
110#	-46750	-170000	208				6		7		2.4				11.5		13.4	
111#	-47000	-170000		250				6				2.9				11.5		
112#	-47250	-170000	333		234		3		12		1.9		5.4		5.7		23	
113#	-47500	-170000		79				7		12		1.1				13.4		23
114#	-47750	-170000	167		406		6		7		1.9		5.4		11.5		13.4	
115#	-48000	-170000		354		168		5		19		3.4		6.1		9.6		36.4
116#	-48250	-170000	312		107		4		14		2.4		2.9		7.7		26.8	
117#	-48500	-170000		91				11		11		1.9				21.1		21.1
118#	-48750	-170000	89		229		14		9		2.4		3.9		26.8		17.2	
119#	-49000	-170000		154				13		13		3.8				24.9		24.9
120#	-49250	-170000	94		91		8		22		1.4		3.8		15.3		42.1	
121#	-49500	-170000		125				14		15		3.3				26.8		28.7
122#	-49750	-170000	83				18		11		2.9				34.5		21.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	-50000	-170000		150				15				4.3				28.7		
124#	-50250	-170000	125		110		12		25		2.9		5.3		23		47.9	
125#	-50500	-170000		107		65		21		31		4.3		3.9		40.2		59.3
126#	-50750	-170000	83		63		15		20		2.4		2.4		28.7		38.3	
127#	-51000	-170000		80		36		22		49		3.4		3.4		42.1		93.8
128#	-51250	-170000	207		22				47		207		2				90	
129#	-51500	-170000		53		9		14		228		1.4		3.9		26.8		436.4
130#	-51750	-170000	83		21		12		82		1.9		3.3		23		157	
131#	-52000	-170000		25		10		81		27		3.9		0.5		155		51.7
132#	-52250	-170000	19		60		68		29		2.5		3.3		130.2		55.5	
133#	-52500	-170000		58		65		30		41		3.3		5.1		57.4		78.5
134#	-52750	-170000	75		44		20		40		2.9		3.4		38.3		76.6	
135#	-53000	-170000		55				41				4.3				78.5		
136#	-53250	-170000	21		57		85		57		3.4		6.2		162.7		109.1	
137#	-53500	-170000		19		52		158		62		5.7		6.2		302.4		118.7
138#	-53750	-170000	44		19		51		188		4.3		6.8		97.6		359.9	
139#	-54000	-170000		33		16		75		197		4.7		6		143.6		377.1
140#	-54250	-170000	21		27		82		82		3.3		4.2		157		157	
141#	-54500	-170000		10		51		120		39		2.3		3.8		229.7		74.7
142#	-54750	-170000	19		27		81		65		2.9		3.4		155		124.4	
143#	-55000	-170000		37		15		47		130		3.3		3.7		90		248.8
144#	-55250	-170000	47		20		32		99		2.9		3.8		61.3		189.5	
145#	-55500	-170000		33		16		69		187		4.4		5.7		132.1		357.9
146#	-55750	-170000	65		22		31		136		3.9		5.7		59.3		260.3	
147#	-56000	-170000		37				68				4.8				130.2		
148#	-56250	-170000	102		33		22		77		4.3		4.9		42.1		147.4	
149#	-56500	-170000		71		21		28		12		3.8		0.5		53.6		23
150#	-56750	-170000	71		49		28		46		3.8		4.3		53.6		88.1	
151#	-57000	-170000		31		71		56		39		3.3		5.3		107.2		74.7
152#	-57250	-170000	23		42		75		54		3.3		4.3		143.6		103.4	
153#	-57500	-170000		22		36		91		76		3.8		5.2		174.2		145.5
154#	-57750	-170000	20		11		50		137		1.9		2.9		95.7		262.2	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	-58000	-170000		7		6		100		294		1.3		3.4		191.4		562.8
156#	-58250	-170000	13		6		76		238		1.9		2.7		145.5		455.6	
157#	-58500	-170000		5		10		240		154		2.3		2.9		459.4		294.8
158#	-58750	-170000	8		4		124		168		1.9		1.3		237.4		321.6	
159#	-59000	-170000		10				103				2				197.2		
160#	-59250	-170000	5		16		93		76		0.9		2.3		178		145.5	
161#	-59500	-170000		9		21		80		83		1.4		3.3		153.1		158.9
162#	-59750	-170000	6		16		80		94		0.9		2.9		153.1		179.9	
163#	-60000	-170000		6		23		125		76		1.4		3.3		239.3		145.5
164#	-60250	-170000	16		9		47		114		1.4		2		90		218.2	
165#	-60500	-170000		15		12		51		121		1.5		2.8		97.6		231.6
166#	-60750	-170000	21		17		35		60		1.4		2		67		114.8	
167#	-61000	-170000		15		12		33		80		0.9		1.8		63.2		153.1
168#	-61250	-170000	36		27		28		46		1.9		2.4		53.6		88.1	
169#	-61500	-170000		30		25		41		51		2.4		2.4		78.5		97.6
170#	-61750	-170000	36		32		21		47		1.4		2.9		40.2		90	
171#	-62000	-170000		36				28				1.9				53.6		
172#	-62250	-170000	67		28		15		36		1.9		1.9		28.7		68.9	
173#	-62500	-170000		33		26		23		48		1.5		2.4		44		91.9
174#	-62750	-170000	63		30		16		33		1.9		1.9		30.6		63.2	
175#	-63000	-170000		28		12		27		43		1.4		1		51.7		82.3
176#	-63250	-170000	15		20		17		38		0.5		1.5		32.5		72.7	
177#	-63500	-170000		9		16		28		47		0.5		1.4		53.6		90
178#	-63750	-170000	44		14		17		37		1.4		1		32.5		70.8	
179#	-64000	-170000		36		14		28		36		1.9		1		53.6		68.9
180#	-64250	-170000	46		25		22		30		1.9		1.4		42.1		57.4	
181#	-64500	-170000		9		15		28		17		0.5		0.5		53.6		32.5
182#	-64750	-170000	63		14		16		37		1.9		1		30.6		70.8	
183#	-65000	-170000		9				28				0.5				53.6		
184#	-65250	-170000	47		24		16		31		1.4		1.4		30.6		59.3	
185#	-65500	-170000		24		9		21		32		1		0.6		40.2		61.3
186#	-65750	-170000	25		11		10		22		0.5		0.5		19.1		42.1	

[illegible]

SOUTH REGIONAL 1780S 500 FEET ??-??-??

IP 587.5W-107.5W LENGTH 48000 FEET

GEOCHEMISTRY nil

ALONG LINE STATIONS INCREASE WEST =-X,

TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	# Y #	N=1	METAL N=2	FACTOR N=3		APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3		APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	-10750	-178000#	39.0				52				3.9				99.5			
2#	-11000	-178000#		35				71				4.8				135.9		
3#	-11250	-178000#	39.0		27		57		92		4.3		4.8		109.1		176.1	
4#	-11500	-178000#		29		26		69		103		3.8		5.1		132.1		197.2
5#	-11750	-178000#	23.0		34		64		81		2.8		5.3		122.5		155	
6#	-12000	-178000#		22				79				3.3				151.2		
7#	-12250	-178000#	35.0		34		71		89		4.8		5.8		135.9		170.4	
8#	-12500	-178000#		33		25		90		112		5.7		5.4		172.3		214.4
9#	-12750	-178000#	44.0		25		68		120		5.7		5.7		130.2		229.7	
10#	-13000	-178000#		34		19		102		143		6.6		5.2		195.2		273.7
11#	-13250	-178000#			24				125				5.7				239.3	
12#	-13500	-178000#		50		26		111		97		10.6		4.8		212.5		185.7
13#	-13750	-178000#	49.0		31		77		96		7.2		5.7		147.4		183.8	
14#	-14000	-178000#		35		25		72		141		4.8		6.7		137.8		269.9
15#	-14250	-178000#	30.0		22		74		123		4.2		5.2		141.6		235.4	
16#	-14500	-178000#		20		27		140		127		5.4		6.6		268		243.1
17#	-14750	-178000#	18.0		16		99		155		3.4		4.7		189.5		296.7	
18#	-15000	-178000#		18				124				4.3				237.4		
19#	-15250	-178000#	40.0		18		56		97		4.3		3.3		107.2		185.7	
20#	-15500	-178000#		34		10		44		155		2.9		3		84.2		296.7
21#	-15750	-178000#	63.0		17		40		73		4.8		2.4		76.6		139.7	
22#	-16000	-178000#		26		13		67		80		3.3		2		128.2		153.1
23#	-16250	-178000#	38.0		22		46		78		3.3		3.3		88.1		149.3	
24#	-16500	-178000#		20		18		61		109		2.3		3.8		116.8		208.6
25#	-16750	-178000#	42.0		17		44		91		3.5		3		84.2		174.2	
26#	-17000	-178000#		30		23		67		107		3.8		4.7		128.2		204.8

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
		#		METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y # N=1		N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****		*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	-17250	-178000# 17.0			22		76		80		2.5		3.4		145.5		153.1	
28#	-17500	-178000#		20		26		98		78		3.8		3.9		187.6		149.3
29#	-17750	-178000# 32.0			17		62		101		3.8		3.3		118.7		193.3	
30#	-18000	-178000#		21				71				2.9				135.9		
31#	-18250	-178000# 79.0			27		70		74		10.6		3.8		134		141.6	
32#	-18500	-178000#		19		28		79		106		2.9		5.7		151.2		202.9
33#	-18750	-178000# 26.0			24		58		126		2.9		5.8		111		241.2	
34#	-19000	-178000#		30		35		40		100		2.3		6.7		76.6		191.4
35#	-19250	-178000# 20.0			36		98		98		3.8		6.8		187.6		187.6	
36#	-19500	-178000#		34		37		88		75		5.7		5.3		168.4		143.6
37#	-19750	-178000# 35.0			44		64		69		4.3		5.8		122.5		132.1	
38#	-20000	-178000#		32		27		54		113		3.3		5.8		103.4		216.3
39#	-20250	-178000# 26.0			24		48		93		2.4		4.3		91.9		178	
40#	-20500	-178000#		26		20		86		122		4.3		4.7		164.6		233.5
41#	-20750	-178000# 23.0			19		55		117		2.4		4.3		105.3		224	
42#	-21000	-178000#		31				72				4.3				137.8		
43#	-21250	-178000# 19.0			27		41		67		1.5		3.5		78.5		128.2	
44#	-21500	-178000#		73		3.4		31		93		4.3		0.6		59.3		178
45#	-21750	-178000# 56.0			35		40		57		4.3		3.8		76.6		109.1	
46#	-32000	-178000#		7.3		38		69		59		1		4.3		132.1		112.9
47#	-32250	-178000# 19.0			23		80		77		2.9		3.4		153.1		147.4	
48#	-22500	-178000#		7.8		31		97		72		1.4		4.3		185.7		137.8
49#	-22750	-178000# 37.0			13		68		95		4.8		2.4		130.2		181.8	
50#	-23000	-178000#		22		42		67		77		2.8		6.2		128.2		147.4
51#	-23250	-178000# 15.0			40		66		63		1.9		4.8		126.3		120.6	
52#	-23500	-178000#		31		30		72		84		4.3		4.8		137.8		160.8
53#	-23750	-178000# 11.0			15		69		102		1.5		2.9		132.1		195.2	
54#	-24000	-178000#		21				105				4.2				201		
55#	-24250	-178000# 29.0			30		77		91		4.3		5.2		147.4		174.2	
56#	-24500	-178000#		38		37		66		82		4.8		5.8		126.3		157
57#	-24750	-178000# 63.0			39		36		64		4.3		4.8		68.9		122.5	
58#	-25000	-178000#		58		20		41		92		4.6		3.5		78.5		176.1

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
		#		METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y #	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****		*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	-25250	-178000#	36.0		33		42		69		2.9		4.4		80.4		132.1	
60#	-25500	-178000#		24		28		72		89		3.3		4.8		137.8		170.4
61#	-25750	-178000#	73.0		10		41		121		5.7		2.3		78.5		231.6	
62#	-26000	-178000#		38		11		72		118		5.2		2.5		137.8		225.9
63#	-26250	-178000#	41.0		78		43		34		3.4		5.1		82.3		65.1	
64#	-26500	-178000#		95		63		21		44		3.8		5.3		40.2		84.2
65#	-26750	-178000#	83.0		95		21		29		3.3		5.3		40.2		55.5	
66#	-27000	-178000#		62				32				3.8				61.3		
67#	-27250	-178000#	77.0		69		26		47		3.8		6.2		49.8		90	
68#	-27500	-178000#		44		53		42		52		3.5		5.3		80.4		99.5
69#	-27750	-178000#	125.0		40		18		50		4.3		3.8		34.5		95.7	
70#	-28000	-178000#		112				20		48		4.3				38.3		91.9
71#	-28250	-178000#	117.0				17		19		3.8				32.5		36.4	
72#	-28500	-178000#		103		73		17		31		3.4		4.3		32.5		59.3
73#	-28750	-178000#	53.0		58		19		30		1.9		3.3		36.4		57.4	
74#	-29000	-178000#		64		65		35		27		4.3		3.4		67		51.7
75#	-29250	-178000#	45.0		57		28		74		2.4		8.1		53.6		141.6	
76#	-29500	-178000#		58		20		30		25		3.3		1		57.4		47.9
77#	-29750	-178000#	97.0		54		18		23		3.3		2.4		34.5		44	
78#	-30000	-178000#		78				16				2.4				30.6		
79#	-30250	-178000#	83.0		61		15		22		2.4		2.6		28.7		42.1	
80#	-30500	-178000#		65				27		25		3.4				51.7		47.9
81#	-30750	-178000#	168.0		65		12		31		3.9		3.9		23		59.3	
82#	-31000	-178000#		88		2.6		17		38		2.9		0.2		32.5		72.7
83#	-31250	-178000#	125.0		68		10		22		2.4		2.9		19.1		42.1	
84#	-31500	-178000#		83		100		12		21		1.9		4		23		40.2
85#	-31750	-178000#	139.0		45		9		11		2.4		0.9		17.2		21.1	
86#	-32000	-178000#		106		109		8		16		1.6		3.3		15.3		30.6
87#	-32250	-178000#	214.0				7		12		2.9				13.4		23	
88#	-32500	-178000#		75				10		12		1.4				19.1		23
89#	-32750	-178000#	125.0				12		10		2.9				23		19.1	
90#	-33000	-178000#		125				12				2.9				23		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
		#		METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y #	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****		*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	-33250	-178000#	31.0		154		8		14		0.5		4.1		15.3		26.8	
92#	-33500	-178000#		159				11		18		3.3				21.1		34.5
93#	-33750	-178000#	50.0		130		10		15		1		3.7		19.1		28.7	
94#	-34000	-178000#		63		68		16		30		1.9		3.9		30.6		57.4
95#	-34250	-178000#	54.0		36		14		42		1.4		2.9		26.8		80.4	
96#	-34500	-178000#		26				38		14		1.9				72.7		26.8
97#	-34750	-178000#	53.0		204		38		13		3.9		5.1		72.7		24.9	
98#	-35000	-178000#		66				19		18		2.4				36.4		34.5
99#	-35250	-178000#	100.0		74		10		27		1.9		3.8		19.1		51.7	
100#	-35500	-178000#		112		52		18		40		3.9		4		34.5		76.6
101#	-35750	-178000#	60.0		69		21		29		2.4		3.8		40.2		55.5	
102#	-36000	-178000#		37				41				2.9				78.5		
103#	-36250	-178000#	212.0		17		9		60		3.7		2		17.2		114.8	
104#	-36500	-178000#		125		18		16		114		3.8		3.9		30.6		218.2
105#	-36750	-178000#	116.0		47		15		32		3.3		2.9		28.7		61.3	
106#	-37000	-178000#		37		143		27		21		1.9		5.7		51.7		40.2
107#	-37250	-178000#	51.0		63		29		19		2.8		2.3		55.5		36.4	
108#	-37500	-178000#		67		38		26		39		3.3		2.8		49.8		74.7
109#	-37750	-178000#	59.0		30		17		59		1.9		3.4		32.5		112.9	
110#	-38000	-178000#		22		49		45		45		1.9		4.2		86.1		86.1
111#	-38250	-178000#	29.0		46		34		38		1.9		3.3		65.1		72.7	
112#	-38500	-178000#		53				38		43		3.9				72.7		82.3
113#	-38750	-178000#	107.0		36		14		49		2.9		3.4		26.8		93.8	
114#	-39000	-178000#		76				23				3.3				44		
115#	-39250	-178000#	52.0		69		24		39		2.4		5.2		45.9		74.7	
116#	-39500	-178000#		34		43		37		35		2.4		2.9		70.8		67
117#	-39750	-178000#			34		8		51				3.3		15.3		97.6	
118#	-40000	-178000#		31		53		78		30		4.6		3		149.3		57.4
119#	-40250	-178000#	95.0		120		21		15		3.8		3.4		40.2		28.7	
120#	-40500	-178000#		103				17		15		3.4				32.5		28.7
121#	-40750	-178000#	154.0				13		14		3.8				24.9		26.8	
122#	-41000	-178000#		125				12		16		2.9				23		30.6

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	#	N=1	METAL	FACTOR	APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT	APP	. RESI	ST OHM	.M		
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	-41250	-178000#	79.0		69	19		18		2.9		2.4	36.4		34.5			
124#	-41500	-178000#		60		48	29		31		3.3		2.8	55.5		59.3		
125#	-41750	-178000#	53.0		42	14		48		1.4		3.9	26.8		91.9			
126#	-42000	-178000#		67			26				3.3			49.8				
127#	-42250	-178000#	53.0		57	14		28		1.4		3.1	26.8		53.6			
128#	-42500	-178000#		53			19		29		1.9			36.4		55.5		
129#	-42750	-178000#	28.0		71	20		19		1.1		2.6	38.3		36.4			
130#	-43000	-178000#		78			16		11		2.4			30.6		21.1		
131#	-43250	-178000#	50.0		156	15		9		1.4		2.7	28.7		17.2			
132#	-43500	-178000#		75			10		16		1.4			19.1		30.6		
133#	-43750	-178000#	166.0		79	12		19		3.8		2.9	23		36.4			
134#	-44000	-178000#		79		57	19		28		2.9		3.1	36.4		53.6		
135#	-44250	-178000#	53.0		76	19		33		1.9		4.8	36.4		63.2			
136#	-44500	-178000#		58		60	39		48		4.3		5.5	74.7		91.9		
137#	-44750	-178000#	78.0		47	29		59		4.3		5.3	55.5		112.9			
138#	-45000	-178000#		60			46				5.3			88.1				
139#	-45250	-178000#	94.0		40	32		58		5.8		4.4	61.3		111			
140#	-45500	-178000#		50		30	45		59		4.3		3.4	86.1		112.9		
141#	-45750	-178000#	36.0		56	76		40		5.2		4.3	145.5		76.6			
142#	-46000	-178000#		32		36	55		56		3.4		3.9	105.3		107.2		
143#	-46250	-178000#	31.0		24	80		72		4.7		3.3	153.1		137.8			
144#	-46500	-178000#		25		29	100		69		4.8		3.8	191.4		132.1		
145#	-46750	-178000#	17.0		22	117		103		3.8		4.3	224		197.2			
146#	-47000	-178000#		17		13	120		108		3.9		2.7	229.7		206.7		
147#	-47250	-178000#	3.4		9	222		250		1.4		4.3	424.9		478.5			
148#	-47500	-178000#		11		14	198		177		4.2		4.7	379		338.8		
149#	-47750	-178000#	6.0		13	173		137		2		3.4	331.1		262.2			
150#	-48000	-178000#		15			135				3.9			258.4				
151#	-48250	-178000#	14.0		16	105		106		2.8		3.2	201		202.9			
152#	-48500	-178000#		22		34	67		67		2.8		4.4	128.2		128.2		
153#	-48750	-178000#	15.0		28	130		53		3.7		2.8	248.8		101.4			
154#	-49000	-178000#		29		32	79		55		4.4		3.4	151.2		105.3		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
		#		METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y #	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****		*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	-49250	-178000#	38.0		23		53		88		3.9		3.9		101.4		168.4	
156#	-49500	-178000#		24		20		72		112		3.3		4.3		137.8		214.4
157#	-49750	-178000#	24.0		10		62		95		2.8		1.8		118.7		181.8	
158#	-50000	-178000#		19		10		92		179		3.3		3.4		176.1		342.6
159#	-50250	-178000#	38.0		10		39		177		2.8		3.4		74.7		338.8	
160#	-50500	-178000#		26		10		88		248		4.4		4.7		168.4		474.7
161#	-50750	-178000#	41.0		20		55		128		4.3		4.9		105.3		245	
162#	-51000	-178000#		26				87				4.3				166.5		
163#	-51250	-178000#	35.0		74		58		37		3.9		5.2		111		70.8	
164#	-51500	-178000#		83		57		30		44		4.8		4.8		57.4		84.2
165#	-51750	-178000#	47.0		64		37		43		3.3		5.3		70.8		82.3	
166#	-52000	-178000#		40		20		63		111		4.8		4.2		120.6		212.5
167#	-52250	-178000#	22.0		13		101		167		4.3		4.2		193.3		319.7	
168#	-52500	-178000#		11		14		242		161		5.1		4.3		463.2		308.2
169#	-52750	-178000#	41.0		9		67		244		5.3		4.2		128.2		467.1	
170#	-53000	-178000#		45		131		66		216		5.7		54.2		126.3		413.5
171#	-53250	-178000#	52.0		68		53		55		5.3		7.2		101.4		105.3	
172#	-53500	-178000#		61		46		45		97		5.3		8.5		86.1		185.7
173#	-53750	-178000#	19.0		57		78		66		2.8		7.2		149.3		126.3	
174#	-54000	-178000#		16				174				5.3				333.1		
175#	-54250	-178000#	40.0		21		69		129		5.3		5.2		132.1		246.9	
176#	-54500	-178000#		25		12		60		218		2.9		5		114.8		417.3
177#	-54750	-178000#	83.0		20		33		113		5.2		4.3		63.2		216.3	
178#	-55000	-178000#		23		15		66		149		2.9		4.3		126.3		285.2
179#	-55250	-178000#	23.0		17		55		90		2.4		2.9		105.3		172.3	
180#	-55500	-178000#		18		16		85		125		2.9		3.8		162.7		239.3
181#	-55750	-178000#	19.0		11		40		131		1.5		2.8		76.6		250.8	
182#	-56000	-178000#		8		20		66		110		1		4.2		126.3		210.6
183#	-56250	-178000#	7.0		16		67		61		0.9		1.9		128.2		116.8	
184#	-56500	-178000#		13		23		74		66		1.8		2.9		141.6		126.3
185#	-56750	-178000#	10.0		15		12		84		0.2		2.4		23		160.8	
186#	-57000	-178000#		14				72				1.9				137.8		

[illegible]

SOUTH REGIONAL 1805S 500 FEET 18-7-66 ENVELOPE 633
IP 3 45W TO 285W LENGTH 6000 FEET
ALONG LINE STATIONS INCREASE WEST = -X, INCREASE EAST

#NAME?

*****		*****										****		*****		*****		*****		*****		*****		*****	
		#	METAL FACTOR					APP. RESIST			OHM.	FT		F	REQ. E	FFECT		APP.	RESI	ST OHM	.M	#			
No	X	Y #	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4		N=1	N=2	N=3	N=4		N=1	N=2	N=3	N=4	#				
*****	*****	*****										****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****		
1#	-29250	-180500#	36.0	56.0		28.0			36		1.9			3.9		53.6			68.9	#					
2#	-29500	-180500#	36.0	39.0		28.0				45.0			1.9		3.4			53.6		86.1	#				
3#	-29750	-180500#	139.0	50.0		18.0			35		4.8			3.3		34.5			67	#					
4#	-30000	-180500#	67.0	17.0		30.0				45.0			3.8		1.5			57.4		86.1	#				
5#	-30250	-180500#	117.0	37.0		15.0			40		3.4			2.8		28.7			76.6	#					
6#	-30500	-180500#	83.0	29.0		24.0				43.0			3.8		2.4			45.9		82.3	#				
7#	-30750	-180500#	59.0	56.0		17.0			27		1.9			2.9		32.5			51.7	#					
8#	-31000	-180500#	45.0	52.0		22.0				29.0			1.9		2.9			42.1		55.5	#				
9#	-31250	-180500#	53.0	54.0		19.0			23		1.9			2.4		36.4			44	#					
10#	-31500	-180500#	50.0	40.0		25.0				25.0			2.4		1.9			47.9		47.9	#				
11#	-31750	-180500#	48.0	37.0		21.0			27		1.9			1.9		40.2			51.7	#					
12#	-32000	-180500#	45.0	65.0		28.0				23.0			2.4		2.9			53.6		44.0	#				
13#	-32250	-180500#	50.0	54.0		20.0			23		1.9			2.4		38.3			44	#					
14#	-32500	-180500#	60.0	54.0		21.0				37.0			2.4		3.8			40.2		70.8	#				
15#	-32750	-180500#	45.0	37.0		22.0			34		1.9			2.4		42.1			65.1	#					
16#	-33000	-180500#	39.0	28.0		39.0				36.0			2.9		1.9			74.7		68.9	#				
17#	-33250	-180500#	35.0	30.0		29.0			42		1.9			2.4		55.5			80.4	#					
18#	-33500	-180500#	19.0	16.0		40.0				78.0			1.5		2.4			76.6		149.3	#				
19#	-33750	-180500#	47.0	27.0		16.0			85		1.4			4.4		30.6			162.7	#					
20#	-34000	-180500#	23.0	15.0		43.0				113.0			1.9		3.2			82.3		216.3	#				
21#	-34250	-180500#	26.0						68					3.4					130.2	#					
*****	*****	*****										****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****			

SOUTH REGIONAL 1820S 500 FEET 15-11-65

####

IP 490W-52.5W LENGTH 437 500 FEET

ALONG LINE STATIONS INCREASE WEST = -X,

TRAVERSES INCREASE SOUTH = -Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	-6000	-182000		33		11		46		143		2.9		3		88.1		273.7
2#	-6250	-182000	25		16		50		77		2.4		2.4		95.7		147.4	
3#	-6500	-182000		9		22		81		68		1.4		2.9		155		130.2
4#	-6750	-182000	11		12		88		81		1.9		1.9		168.4		155	
5#	-7000	-182000		8		39		100		19		1.5		1.4		191.4		36.4
6#	-7250	-182000	6		53		117		28		1.3		2.8		224		53.6	
7#	-7500	-182000		35		33		43		45		2.9		2.8		82.3		86.1
8#	-7750	-182000	42		19		36		79		2.9		2.9		68.9		151.2	
9#	-8000	-182000		18				84				2.9				160.8		
10#	-8250	-182000	42		9		42		140		3.4		2.4		80.4		268	
11#	-8500	-182000		26		7		67		211		3.3		2.8		128.2		403.9
12#	-8750	-182000	107		16		21		110		4.3		3.4		40.2		210.6	
13#	-9000	-182000		96		11		26		131		4.8		2.8		49.8		250.8
14#	-9250	-182000	70		54		25		28		3.3		2.9		47.9		53.6	
15#	-9500	-182000		58		42		30		54		3.3		4.3		57.4		103.4
16#	-9750	-182000	80		102		25		27		3.8		5.3		47.9		51.7	
17#	-10000	-182000		100		61		25		49		4.8		5.7		47.9		93.8
18#	-10250	-182000	83		61		24		45		3.8		5.3		45.9		86.1	
19#	-10500	-182000		64		35		47		65		5.8		4.4		90		124.4
20#	-10750	-182000	45		48		33		63		2.8		5.8		63.2		120.6	
21#	-11000	-182000		38				53				3.9				101.4		
22#	-11250	-182000	38		47		33		37		2.4		3.3		63.2		70.8	
23#	-11500	-182000		46		59		27		34		2.4		3.8		51.7		65.1
24#	-11750	-182000	19		70		53		25		1.9		3.3		101.4		47.9	
25#	-12000	-182000		9		57		54		35		0.9		3.8		103.4		67
26#	-12250	-182000	7		14		102		87		1.4		2.3		195.2		166.5	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	-12500	-182000		7		18		174		83		2.3		2.9		333.1		158.9
28#	-12750	-182000	11		6		95		172		2		2		181.8		329.2	
29#	-13000	-182000		13		6		93		204		2.3		2.3		178		390.5
30#	-13250	-182000	14		12		90		125		2.4		2.9		172.3		239.3	
31#	-13500	-182000		14		10		109		155		2.9		3		208.6		296.7
32#	-13750	-182000	12		13		82		139		1.9		3.5		157		266.1	
33#	-14000	-182000		7				106				1.4				202.9		
34#	-14250	-182000	9		10		87		128		1.5		2.5		166.5		245	
35#	-14500	-182000		11		10		94		120		2		2.3		179.9		229.7
36#	-14750	-182000	17		8		90		89		2.9		1.4		172.3		170.4	
37#	-15000	-182000		18		12		85		83		2.9		1.9		162.7		158.9
38#	-15250	-182000	12		20		83		84		1.9		3.2		158.9		160.8	
39#	-15500	-182000		22		14		79		105		3.3		2.8		151.2		201
40#	-15750	-182000	18		12		70		104		2.4		2.4		134		199.1	
41#	-16000	-182000		5		15		91		113		0.9		3.2		174.2		216.3
42#	-16250	-182000	6		16		77		108		0.9		3.3		147.4		206.7	
43#	-16500	-182000		16		29		95		70		2.9		3.9		181.8		134
44#	-16750	-182000	13		29		99		68		2.5		3.8		189.5		130.2	
45#	-17000	-182000		25				61				2.9				116.8		
46#	-17250	-182000	30		28		59		71		3.4		3.8		112.9		135.9	
47#	-17500	-182000		24		21		73		60		3.4		2.4		139.7		114.8
48#	-17750	-182000	16		21		78		70		2.4		2.8		149.3		134	
49#	-18000	-182000		25		31		69		13		3.3		0.8		132.1		24.9
50#	-18250	-182000	41		30		37		74		2.9		4.2		70.8		141.6	
51#	-18500	-182000		46		16		38		128		3.3		3.9		72.7		245
52#	-18750	-182000	23		30		22		66		1		3.8		42.1		126.3	
53#	-19000	-182000		41		34		43		81		3.4		5.3		82.3		155
54#	-19250	-182000	45		31		22		56		1.9		3.3		42.1		107.2	
55#	-19500	-182000		31		20		32		33		1.9		1.3		61.3		63.2
56#	-19750	-182000	67		52		26		24		3.3		2.4		49.8		45.9	
57#	-20000	-182000		63				20				2.4				38.3		
58#	-20250	-182000	37		57		31		34		2.2		3.7		59.3		65.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	-20500	-182000		25		49		60		36		2.9		3.4		114.8		68.9
60#	-20750	-182000	38		28		33		71		2.4		3.8		63.2		135.9	
61#	-21000	-182000		14		15		54		34		1.4		1		103.4		65.1
62#	-21250	-182000	23		15		22		67		1		1.9		42.1		128.2	
63#	-21500	-182000		22		9		34		113		1.4		1.9		65.1		216.3
64#	-21750	-182000	25		18		30		57		1.4		2		57.4		109.1	
65#	-22000	-182000		19		11		54		93		2		2		103.4		178
66#	-22250	-182000	31		11		48		90		2.8		1.9		91.9		172.3	
67#	-22500	-182000		9		20		84		51		1.4		2		160.8		97.6
68#	-22750	-182000	27		31		64		48		3.3		2.8		122.5		91.9	
69#	-23000	-182000		29				48				2.7				91.9		
70#	-23250	-182000	17		28		88		54		2.9		2.9		168.4		103.4	
71#	-23500	-182000		13		45		100		50		2.5		4.3		191.4		95.7
72#	-23750	-182000	8		10		160		94		2.5		1.8		306.3		179.9	
73#	-24000	-182000		12		18		148		98		3.4		3.4		283.3		187.6
74#	-24250	-182000	17		7		75		144		2.4		1.9		143.6		275.6	
75#	-24500	-182000		24		15		85		131		3.9		3.8		162.7		250.8
76#	-24750	-182000	18		25		124		91		4.3		4.4		237.4		174.2	
77#	-25000	-182000		16		39		139		82		4.3		6.1		266.1		157
78#	-25250	-182000	13		2		134		79		3.3		0.3		256.5		151.2	
79#	-25500	-182000		26		24		76		85		3.8		3.9		145.5		162.7
80#	-25750	-182000	16		24		78		94		2.4		4.3		149.3		179.9	
81#	-26000	-182000		23				96				4.2				183.8		
82#	-26250	-182000	22		16		57		77		2.4		2.4		109.1		147.4	
83#	-26500	-182000		18		13		57		79		2		2		109.1		151.2
84#	-26750	-182000	28		27		36		64		1.9		3.3		68.9		122.5	
85#	-27000	-182000		15		20		51		77		1.5		2.9		97.6		147.4
86#	-27250	-182000	33		22		45		68		2.8		2.9		86.1		130.2	
87#	-27500	-182000		18		23		70		65		2.4		2.9		134		124.4
88#	-27750	-182000	42		28		36		71		2.9		3.8		68.9		135.9	
89#	-28000	-182000		35		30		50		50		3.3		2.9		95.7		95.7
90#	-28250	-182000	52		46		34		38		3.4		3.3		65.1		72.7	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	-28500	-182000		48		42		31		30		2.8		2.4		59.3		57.4
92#	-28750	-182000	42		67		36		26		2.9		3.3		68.9		49.8	
93#	-29000	-182000		55				32				3.4				61.3		
94#	-29250	-182000	63		33		24		45		2.9		2.8		45.9		86.1	
95#	-29500	-182000		38		24		46		52		3.3		2.4		88.1		99.5
96#	-29750	-182000	67		38		26		46		3.3		3.3		49.8		88.1	
97#	-30000	-182000		43		37		33		41		2.7		2.9		63.2		78.5
98#	-30250	-182000	64		33		20		30		2.5		1.9		38.3		57.4	
99#	-30500	-182000		24		74		21		27		1		3.8		40.2		51.7
100#	-30750	-182000	107		100		21		20		4.3		3.8		40.2		38.3	
101#	-31000	-182000		38		29		26		43		1.9		2.4		49.8		82.3
102#	-31250	-182000	23		13		32		57		1.4		1.4		61.3		109.1	
103#	-31500	-182000		20		27		63		37		2.4		1.9		120.6		70.8
104#	-31750	-182000	26		24		38		42		1.9		1.9		72.7		80.4	
105#	-32000	-182000		32				31				1.9				59.3		
106#	-32250	-182000	104		17		12		58		2.4		1.9		23		111	
107#	-32500	-182000		46		16		27		80		2.4		2.5		51.7		153.1
108#	-32750	-182000	19		45		65		39		2.4		3.4		124.4		74.7	
109#	-33000	-182000		16		25		95		50		2.9		2.4		181.8		95.7
110#	-33250	-182000	25		15		51		113		2.4		3.2		97.6		216.3	
111#	-33500	-182000		26		9		68		111		3.4		1.9		130.2		212.5
112#	-33750	-182000	20		27		86		64		3.3		3.3		164.6		122.5	
113#	-34000	-182000		23		19		88		77		3.9		2.8		168.4		147.4
114#	-34250	-182000	15		16		136		110		3.9		3.4		260.3		210.6	
115#	-34500	-182000		11		17		174		105		3.7		3.4		333.1		201
116#	-34750	-182000	10		10		147		179		2.8		3.4		281.4		342.6	
117#	-35000	-182000		12				170				3.9				325.4		
118#	-35250	-182000	10		16		150		110		2.9		3.4		287.1		210.6	
119#	-35500	-182000		20		19		98		90		3.8		3.3		187.6		172.3
120#	-35750	-182000	15		19		100		92		2.9		3.3		191.4		176.1	
121#	-36000	-182000		11		10		89		124		1.9		2.4		170.4		237.4
122#	-36250	-182000	27		17		55		121		2.8		3.9		105.3		231.6	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	-36500	-182000		22		10		81		154		3.4		2.9		155		294.8
124#	-36750	-182000	32		14		47		111		2.9		3		90		212.5	
125#	-37000	-182000		24		38		62		53		2.8		3.9		118.7		101.4
126#	-37250	-182000	35		53		43		33		2.9		3.3		82.3		63.2	
127#	-37500	-182000		76		84		23		27		3.3		4.3		44		51.7
128#	-37750	-182000	83		95		18		21		2.9		3.8		34.5		40.2	
129#	-38000	-182000		102				22				4.3				42.1		
130#	-38250	-182000	80		68		22		22		3.4		2.9		42.1		42.1	
131#	-38500	-182000		38		62		26		24		1.9		2.8		49.8		45.9
132#	-38750	-182000	114		52		11		29		2.4		2.9		21.1		55.5	
133#	-39000	-182000		125		7		14		35		3.3		0.5		26.8		67
134#	-39250	-182000	167		15		9		17		2.9		0.5		17.2		32.5	
135#	-39500	-182000		68		43		11		23		1.4		1.9		21.1		44
136#	-39750	-182000	17		94		15		16		0.5		2.9		28.7		30.6	
137#	-40000	-182000		24		13		21		20		1		0.5		40.2		38.3
138#	-40250	-182000	26		40		19		25		0.9		1.9		36.4		47.9	
139#	-40500	-182000		31		14		24		18		1.4		0.5		45.9		34.5
140#	-40750	-182000	69		28		18		18		2.4		1		34.5		34.5	
141#	-41000	-182000		67				15				1.9				28.7		
142#	-41250	-182000	77		44		13		17		1.9		1.4		24.9		32.5	
143#	-41500	-182000		63		28		16		18		1.9		1		30.6		34.5
144#	-41750	-182000	25		74		10		17		0.5		2.4		19.1		32.5	
145#	-42000	-182000		58		53		13		33		1.4		3.3		24.9		63.2
146#	-42250	-182000	63		67		8		26		1		3.3		15.3		49.8	
147#	-42500	-182000		107		42		14		48		2.9		3.9		26.8		91.9
148#	-42750	-182000	125		36		12		28		2.9		1.9		23		53.6	
149#	-43000	-182000		50		60		25		21		2.4		2.4		47.9		40.2
150#	-43250	-182000	67		69		15		18		1.9		2.4		28.7		34.5	
151#	-43500	-182000		125				12		25		2.9				23		47.9
152#	-43750	-182000	83		116		18		15		2.9		3.3		34.5		28.7	
153#	-44000	-182000		48				26				2.4				49.8		
154#	-44250	-182000	83				21		12		3.3				40.2		23	

[illegible]

ALONG LINE STATIONS INCREASE WEST =-X, INCREASE EAST =+X

SOUTH REGIONAL 1860S 500 FEET 12-10-62 ENVELOPE ???
 IP W-690 to W-17.5 LENGTH 67 250 FEET
 ALONG LINE STATIONS INCREASE WEST =-X, INCREASE EAST #NAME?

*****	*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****														
		#	METAL FACTOR					APP. RESIST		FT		F	REQ. E	FFECT		APP	. RESI	ST OHM	.M #													
No	X	Y #	N=1	N=2	N=3	N=4		N=1	N=2	N=3	N=4		N=1	N=2	N=3	N=4		N=1	N=2	N=3	N=4	#										
*****	*****	*****																				*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	-1750	-186000#	25.0					50.0					2.4					95.7				#										
2#	-2000	-186000#	27.0					47.0						2.4					90			#										
3#	-2250	-186000#	10.0	27.0				48.0	46				0.9		2.4			91.9		88.1		#										
4#	-2500	-186000#	22.0	32.0				57.0		89.0				2.4		5.5			109.1		170.4	#										
5#	-2750	-186000#	39.0	32.0				32.0	54				2.4		3.3			61.3		103.4		#										
6#	-3000	-186000#	29.0	17.0				34.0		89.0				1.9		2.9			65.1		170.4	#										
7#	-3250	-186000#	70.0	17.0				18.0	59				2.4		1.9			34.5		112.9		#										
8#	-3500	-186000#	22.0	15.0				34.0		68.0				1.4		2.0			65.1		130.2	#										
9#	-3750	-186000#	17.0	32.0				29.0	39				0.9		2.4			55.5		74.7		#										
10#	-4000	-186000#	32.0	38.0				39.0		46.0				2.4		3.3			74.7		88.1	#										
11#	-4250	-186000#	24.0	36.0				21.0	49				1		3.4			40.2		93.8		#										
12#	-4500	-186000#	31.0	37.0				32.0		64.0				1.9		4.5			61.3		122.5	#										
13#	-4750	-186000#	31.0	63.0				40.0	44				2.4		5.3			76.6		84.2		#										
14#	-5000	-186000#	45.0					67.0						5.8				128.2				#										
15#	-5250	-186000#	25.0	46.0				79.0	54				3.8		4.8			151.2		103.4		#										
16#	-5500	-186000#	62.0	28.0				40.0		91.0				4.7		4.9			76.6		174.2	#										
17#	-5750	-186000#	37.0	43.0				54.0	70				3.8		5.8			103.4		134		#										
18#	-6000	-186000#	27.0	25.0				66.0		112.0				3.4		5.4			126.3		214.4	#										
19#	-6250	-186000#	24.0	22.0				68.0	116				3.1		4.9			130.2		222		#										
20#	-6500	-186000#	20.0	35.0				124.0		65.0				4.7		4.4			237.4		124.4	#										
21#	-6750	-186000#	27.0	24.0				82.0	83				4.2		3.8			157		158.9		#										
22#	-7000	-186000#	37.0	70.0				67.0		42.0				4.7		5.6			128.2		80.4	#										
23#	-7250	-186000#	40.0	79.0				57.0	38				4.4		5.7			109.1		72.7		#										
24#	-7500	-186000#	50.0	40.0				40.0		58.0				3.8		4.4			76.6		111.0	#										
25#	-7750	-186000#	64.0	39.0				39.0	70				4.8		5.2			74.7		134		#										
26#	-8000	-186000#	29.0					77.0						4.3				147.4				#										
27#	-8250	-186000#	83.0	23.0				30.0	120				4.8		5.3			57.4		229.7		#										
28#	-8500	-186000#	66.0	22.0				42.0		150.0				5.3		6.3			80.4		287.1	#										

*****	*****	*****							
		#	METAL FACTOR				APP. RESIST		
No	X	Y #	N=1	N=2	N=3	N=4	N=1	N=2	
*****	*****	*****							
189#	-48750	-186000#	9.0		21.0		58.0		
190#	-49000	-186000#		4.0		9.0		63.0	
191#	-49250	-186000#	9.0		4.0		58.0		
192#	-49500	-186000#		11.0		7.0		110.0	
193#	-49750	-186000#	27.0		9.0		56.0		
194#	-50000	-186000#		13.0			75.0		
195#	-50250	-186000#	15.0		15.0		85.0		
196#	-50500	-186000#		18.0		23.0		57.0	
197#	-50750	-186000#	15.0		19.0		66.0		
198#	-51000	-186000#		14.0		16.0		71.0	
199#	-51250	-186000#	33.0		20.0		69.0		
200#	-51500	-186000#		23.0		32.0		86.0	
201#	-51750	-186000#	18.0		21.0		55.0		
202#	-52000	-186000#		12.0		14.0		101.0	
203#	-52250	-186000#	31.0		16.0		25.0		
204#	-52500	-186000#		45.0		16.0		61.0	
205#	-52750	-186000#	50.0		29.0		35.0		
206#	-53000	-186000#		23.0			54.0		
207#	-53250	-186000#	29.0		54.0		68.0		
208#	-53500	-186000#		37.0		46.0		48.0	
209#	-53750	-186000#	48.0		40.0		42.0		
210#	-54000	-186000#		39.0		22.0		51.0	
211#	-54250	-186000#	34.0		17.0		44.0		
212#	-54500	-186000#		12.0		20.0		18.0	
213#	-54750	-186000#	49.0		19.0		46.0		
214#	-55000	-186000#		26.0		9.0		68.0	
215#	-55250	-186000#	60.0		15.0		46.0		
216#	-55500	-186000#		31.0		16.0		88.0	
217#	-55750	-186000#	20.0		24.0		89.0		
218#	-56000	-186000#		24.0			115.0		
219#	-56250	-186000#	20.0		29.0		123.0		
220#	-56500	-186000#		27.0		20.0		131.0	

****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	#	METAL	FACTOR		APP. RESIST								
*****	*****	Y #	N=1	N=2	N=3	N=4	N=1	N=2						
221#	-56750	-186000#	20.0	20.0		128.0								
222#	-57000	-186000#	15.0	18.0		205.0								
223#	-57250	-186000#	17.0	17.0		121.0								
224#	-57500	-186000#	20.0	13.0		151.0								
225#	-57750	-186000#	37.0	26.0		75.0								
226#	-58000	-186000#	41.0	16.0		74.0								
227#	-58250	-186000#	25.0		87.0									
228#	-58500	-186000#	22.0	21.0		136.0								
229#	-58750	-186000#	14.0	17.0		144.0								
230#	-59000	-186000#	13.0		178.0									
231#	-59250	-186000#	12.0	18.0		162.0								
232#	-59500	-186000#	11.0	8.0		204.0								
233#	-59750	-186000#	22.0	9.0		11.0								
234#	-60000	-186000#	14.0	11.0		204.0								
235#	-60250	-186000#	11.0	18.0		197.0								
236#	-60500	-186000#	15.0	10.0		167.0								
237#	-60750	-186000#	23.0	9.0		121.0								
238#	-61000	-186000#	9.0	8.0		240.0								
239#	-61250	-186000#	13.0	6.0		232.0								
240#	-61500	-186000#	8.0	6.0		254.0								
241#	-61750	-186000#	12.0	8.0		126.0								
242#	-62000	-186000#	9.0		165.0									
243#	-62250	-186000#	12.0	8.0		127.0								
244#	-62500	-186000#	8.0	7.0		340.0								
245#	-62750	-186000#	18.0	7.0		140.0								
246#	-63000	-186000#	16.0	5.0		181.0								
247#	-63250	-186000#	16.0	7.0										
248#	-63500	-186000#	10.0	16.0		127.0								
249#	-63750	-186000#	6.0	15.0		225.0								
250#	-64000	-186000#	10.0	17.0		204.0								
251#	-64250	-186000#	12.0	10.0		161.0								
252#	-64500	-186000#	18.0	7.0		251.0								

****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
OHM.	FT		F	REQ. E	FFECT		APP	. RESI	ST OHM	.M	#			
N=3	N=4		N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	#			
178		4.9			6.8		245		340.7		#			
	200.0			5.9		6.9		392.4		382.8	#			
230		3.9			7.5		231.6		440.3		#			
	225.0			5.8		5.6		289		430.7	#			
154		5.3			7.7		143.6		294.8		#			
	191.0			5.8		5.8		141.6		365.6	#			
121					5.8		166.5		231.6		#			
	155.0			5.7		6.2		260.3		296.7	#			
171		3.9			5.6		275.6		327.3		#			
				4.4				340.7		#				
184		3.7			6.3		310.1		352.2		#			
	250.0			4.3		3.8		390.5		478.5	#			
290		0.5			5		21.1		555.1		#			
	206.0			5.5		4.3		390.5		394.3	#			
155		4.1			5.3		377.1		296.7		#			
	240.0			4.8		4.6		319.7		459.4	#			
276		5.3			4.8		231.6		528.3		#			
	272.0			4.1		4.2		459.4		520.6	#			
234		5.8			2.7		444.1		447.9		#			
	254.0			3.9		2.9		486.2		486.2	#			
325		2.9			5		241.2		622.1		#			
				2.8				315.8		#				
416		2.9			6.4		243.1		796.3		#			
	458.0			5.2		6.1		650.8		876.7	#			
396		4.8			5.3		268		758		#			
	265.0			5.5		2.5		346.5		507.2	#			
139		16			1.9				266.1		#			
	128.0			2.4		3.9		243.1		245.0	#			
116		2.6			3.3		430.7		222		#			
	181.0			3.9		5.9		390.5		346.5	#			
304		3.7			5.8		308.2		581.9		#			
	440.0			8.6		5.9		480.5		842.2	#			

SOUTH REGIONAL 1895S 500 FEET ??-
IP 535W-495W LENGTH 4000 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST
TRAVERSES INCREASE SOUTH =-Y

[illegible]

SOUTH REGIONAL 3-8-62 ENVELOPE 2080XX-41
 IP W-592.5 LENGTH 61000 FEET
 ALONG LINE STAVE ST = -X, INCREASE EAST = +X

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	# Y #	METAL N=1	FACTOR N=2	N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	1750	-190000#	36				48				3.3				91.9			
2#	1500	-190000#		23				23				1				44		
3#	1250	-190000#	23		19		66		107		2.9		3.9		126.3		204.8	
4#	1000	-190000#		26		102		76		206		3.8		40.2		145.5		394.3
5#	750	-190000#	39		22		64		116		4.8		4.9		122.5		222	
6#	500	-190000#		21				94				3.8				179.9		
7#	250	-190000#	33		23		60		88		3.8		3.9		114.8		168.4	
8#	0	-190000#		30		49		66		67		3.8		6.3		126.3		128.2
9#	-250	-190000#	68		26		37		76		4.8		3.8		70.8		145.5	
10#	-500	-190000#		39		14		45		147		3.4		3.9		86.1		281.4
11#	-750	-190000#	72		40		28		44		3.9		3.4		53.6		84.2	
12#	-1000	-190000#		32		33		54		54		3.3		3.4		103.4		103.4
13#	-1250	-190000#	65		61		42		33		5.2		3.9		80.4		63.2	
14#	-1500	-190000#		46		73		38		31		3.3		4.3		72.7		59.3
15#	-1750	-190000#	56		30		27		59		2.9		3.4		51.7		112.9	
16#	-2000	-190000#		36		24		42		52		2.9		2.4		80.4		99.5
17#	-2250	-190000#	32		37		31		41		1.9		2.9		59.3		78.5	
18#	-2500	-190000#		29				34				1.9				65.1		
19#	-2750	-190000#	60		45		29		39		3.3		3.4		55.5		74.7	
20#	-3000	-190000#		38		30		33		42		2.4		2.4		63.2		80.4
21#	-3250	-190000#	89		45		28		33		4.8		2.8		53.6		63.2	
22#	-3500	-190000#		44		26		34		57		2.9		2.8		65.1		109.1
23#	-3750	-190000#	92		28		18		62		3.2		3.3		34.5		118.7	
24#	-4000	-190000#		44		21		34		72		2.9		2.9		65.1		137.8
25#	-4250	-190000#	113		42		22		42		4.8		3.4		42.1		80.4	
26#	-4500	-190000#		40		45		31		50		2.4		4.3		59.3		95.7
27#	-4750	-190000#	48		47		31		37		2.8		3.3		59.3		70.8	
28#	-5000	-190000#		40		47		38		37		2.9		3.3		72.7		70.8

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	# Y #	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
29#	-5250	-190000#	49		58		53		39		5		4.3		101.4		74.7	
30#	-5500	-190000#		42				60				4.8				114.8		
31#	-5750	-190000#	29		27		53		83		2.9		4.3		101.4		158.9	
32#	-6000	-190000#		32		14		79		125		4.8		3.3		151.2		239.3
33#	-6250	-190000#	21		16		71		127		2.9		3.9		135.9		243.1	
34#	-6500	-190000#		14		10		127		153		3.4		2.9		243.1		292.9
35#	-6750	-190000#	25		16		91		156		4.4		4.8		174.2		298.6	
36#	-7000	-190000#		21		16		109		124		4.4		3.8		208.6		237.4
37#	-7250	-190000#	26		22		76		90		3.8		3.8		145.5		172.3	
38#	-7500	-190000#		33		25		73		96		4.6		4.6		139.7		183.8
39#	-7750	-190000#	28		16		100		169		5.4		5.2		191.4		323.5	
40#	-8000	-190000#		25		26		129		95		6.2		4.7		246.9		181.8
41#	-8250	-190000#	11		17		208		161		4.4		5.2		398.1		308.2	
42#	-8500	-190000#		11				332				7				635.5		
43#	-8750	-190000#	12		7		232		495		5.3		6.6		444.1		947.5	
44#	-9000	-190000#		8		5		363		470		5.6		4.5		694.8		899.6
45#	-9250	-190000#	17		3		192		985		6.2		5.7		367.5		1885.4	
46#	-9500	-190000#		11		8		240		388		5.1		5.9		459.4		742.7
47#	-9750	-190000#	13		11		175		270		4.4		5.7		335		516.8	
48#	-10000	-190000#		11		12		200		208		4.2		4.8		382.8		398.1
49#	-10250	-190000#	9		17		187		150		3.2		4.9		357.9		287.1	
50#	-10500	-190000#		8		20		174		125		2.7		4.8		333.1		239.3
51#	-10750	-190000#	36		10		70		258		4.8		4.9		134		493.8	
52#	-11000	-190000#		18		10		128		206		4.4		3.9		245		394.3
53#	-11250	-190000#	26		11		78		118		3.9		2.5		149.3		225.9	
54#	-11500	-190000#		32				87				5.3				166.5		
55#	-11750	-190000#	26		32		69		71		3.4		4.3		132.1		135.9	
56#	-12000	-190000#		31		26		56		88		3.3		4.4		107.2		168.4
57#	-12250	-190000#	32		25		39		71		2.4		3.4		74.7		135.9	
58#	-12500	-190000#		26		37		58		61		2.9		4.3		111		116.8
59#	-12750	-190000#	29		31		43		57		2.4		3.4		82.3		109.1	
60#	-13000	-190000#		19		26		54		76		2		3.8		103.4		145.5

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	# Y #	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
61#	-13250	-190000#	46		16		22		77		1.9		2.4		42.1		147.4	
62#	-13500	-190000#		43		16		35		113		2.9		3.5		67		216.3
63#	-13750	-190000#	65		33		31		53		3.9		3.3		59.3		101.4	
64#	-14000	-190000#		38		37		52		68		3.8		4.8		99.5		130.2
65#	-14250	-190000#	50		27		35		46		3.3		2.4		67		88.1	
66#	-14500	-190000#		30				50				2.9				95.7		
67#	-14750	-190000#	70		19		36		65		4.8		2.4		68.9		124.4	
68#	-15000	-190000#		14		9		55		118		1.5		2		105.3		225.9
69#	-15250	-190000#	24		13		42		113		1.9		2.8		80.4		216.3	
70#	-15500	-190000#				14				110				2.9				210.6
71#	-15750	-190000#	8		14		87		111		1.3		3		166.5		212.5	
72#	-16000	-190000#		10		5		96		122		1.8		1.2		183.8		233.5
73#	-16250	-190000#	14		20		71		75		1.9		2.9		135.9		143.6	
74#	-16500	-190000#		11		61		94		37		2		4.3		179.9		70.8
75#	-16750	-190000#	15		25		65		68		1.9		3.3		124.4		130.2	
76#	-17000	-190000#		28		15		53		101		2.8		2.9		101.4		193.3
77#	-17250	-190000#	24		16		42		93		1.9		2.8		80.4		178	
78#	-17500	-190000#		17				76				2.5				145.5		
79#	-17750	-190000#	29		16		52		78		2.9		2.4		99.5		149.3	
80#	-18000	-190000#		18		17		55		68		1.9		2.2		105.3		130.2
81#	-18250	-190000#	89		25		28		51		4.8		2.4		53.6		97.6	
82#	-18500	-190000#		52		37		29		47		2.9		3.3		55.5		90
83#	-18750	-190000#	60		37		29		34		3.3		2.4		55.5		65.1	
84#	-19000	-190000#		56		33		36		38		3.9		2.4		68.9		72.7
85#	-19250	-190000#	45		29		22		51		1.9		2.8		42.1		97.6	
86#	-19500	-190000#		27		46		37		55		1.9		4.8		70.8		105.3
87#	-19750	-190000#	83		23		21		43		3.3		1.9		40.2		82.3	
88#	-20000	-190000#		63		35		28		50		3.4		3.3		53.6		95.7
89#	-20250	-190000#	84		44		18		34		2.9		2.9		34.5		65.1	
90#	-20500	-190000#		42				24				1.9				45.9		
91#	-20750	-190000#	88		74		17		27		2.9		3.8		32.5		51.7	
92#	-21000	-190000#		91		44		22		46		3.8		3.9		42.1		88.1

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	# Y #	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
93#	-21250	-190000#	100		31		20		40		3.8		2.4		38.3		76.6	
94#	-21500	-190000#		57		59		35		34		3.8		3.8		67		65.1
95#	-21750	-190000#	34		65		51		31		3.3		3.9		97.6		59.3	
96#	-22000	-190000#		77		52		39		34		5.7		3.4		74.7		65.1
97#	-22250	-190000#	37		50		27		45		1.9		4.3		51.7		86.1	
98#	-22500	-190000#		81		93		31		27		4.8		4.8		59.3		51.7
99#	-22750	-190000#	45		102		41		22		3.5		4.3		78.5		42.1	
100#	-23000	-190000#		69				29		25		3.8				55.5		47.9
101#	-23250	-190000#	38		57		26		35		1.9		3.8		49.8		67	
102#	-23500	-190000#		81				28				4.3				53.6		
103#	-23750	-190000#	83		53		24		38		3.8		3.9		45.9		72.7	
104#	-24000	-190000#		49				36		29		3.4				68.9		55.5
105#	-24250	-190000#	125		69		18		29		4.3		3.8		34.5		55.5	
106#	-24500	-190000#		56		21		18		34		1.9		1.4		34.5		65.1
107#	-24750	-190000#	65		48		16		22		2		2		30.6		42.1	
108#	-25000	-190000#		36		31		21		24		1.4		1.4		40.2		45.9
109#	-25250	-190000#	107		10		14		25		2.9		0.5		26.8		47.9	
110#	-25500	-190000#		89		31		20		35		3.4		2.1		38.3		67
111#	-25750	-190000#	75		63		10		32		1.4		3.9		19.1		61.3	
112#	-26000	-190000#		56		25		18		49		1.9		2.3		34.5		93.8
113#	-26250	-190000#	204		33		11		30		4.3		1.9		21.1		57.4	
114#	-26500	-190000#		52				24				2.4				45.9		
115#	-26750	-190000#	113		65		11		23		2.4		2.9		21.1		44	
116#	-27000	-190000#		89				14		11		2.4				26.8		21.1
117#	-27250	-190000#	89		236		14		7		2.4		3.2		26.8		13.4	
118#	-27500	-190000#		665		115		6		26		7.6		5.7		11.5		49.8
119#	-27750	-190000#	900		145		5		24		8.6		6.7		9.6		45.9	
120#	-28000	-190000#		220		100		17		30		7.2		5.7		32.5		57.4
121#	-28250	-190000#	406		100		8		25		6.2		4.8		15.3		47.9	
122#	-28500	-190000#		272		63		11		40		5.7		4.8		21.1		76.6
123#	-28750	-190000#	56		66		36		38		3.9		4.8		68.9		72.7	
124#	-29000	-190000#				194				17				6.3				32.5

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	# Y #	METAL N=1	FACTOR N=2	APP. N=3	RESIS N=4	T OHM. N=1	FT N=2	F N=3	REQ. E N=4	FFECT N=1	APP N=2	. RESI N=3	ST OHM N=4	.M N=1	.M N=2	.M N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
125#	-29250	-190000#	30		69		50		40		2.9		5.3		95.7		76.6	
126#	-29500	-190000#		30				58				3.3			111			
127#	-29750	-190000#	65		19		27		119		3.4		4.3		51.7		227.8	
128#	-30000	-190000#		38		31		66		73		4.8		4.3		126.3		139.7
129#	-30250	-190000#	18		54		128		42		4.4		4.3		245		80.4	
130#	-30500	-190000#		26		54		68		42		3.4		4.3		130.2		80.4
131#	-30750	-190000#	50		21		35		70		3.3		2.8		67		134	
132#	-31000	-190000#		89		23		31		97		5.3		4.3		59.3		185.7
133#	-31250	-190000#	52		32		29		55		2.9		3.4		55.5		105.3	
134#	-31500	-190000#		19		56		54		36		2		3.9		103.4		68.9
135#	-31750	-190000#	63		15		28		101		3.4		2.9		53.6		193.3	
136#	-32000	-190000#		26		19		57		80		2.8		2.9		109.1		153.1
137#	-32250	-190000#	66		36		34		49		4.3		3.4		65.1		93.8	
138#	-32500	-190000#		52				34				3.4				65.1		
139#	-32750	-190000#	67		58		30		30		3.8		3.3		57.4		57.4	
140#	-33000	-190000#		41		57		43		28		3.4		3.1		82.3		53.6
141#	-33250	-190000#	50		53		30		33		2.9		3.3		57.4		63.2	
142#	-33500	-190000#		34		83		37		30		2.4		4.8		70.8		57.4
143#	-33750	-190000#	73		43		24		35		3.4		2.9		45.9		67	
144#	-34000	-190000#		120		45		21		28		4.8		2.4		40.2		53.6
145#	-34250	-190000#	154		74		13		17		3.8		2.4		24.9		32.5	
146#	-34500	-190000#		187		69		15		29		5.4		3.8		28.7		55.5
147#	-34750	-190000#	304		119		8		21		4.7		4.8		15.3		40.2	
148#	-35000	-190000#		107		38		14		39		2.9		2.8		26.8		74.7
149#	-35250	-190000#	167		102		9		27		2.9		5.3		17.2		51.7	
150#	-35500	-190000#		105				19				3.8				36.4		
151#	-35750	-190000#	250		83		10		24		4.8		3.8		19.1		45.9	
152#	-36000	-190000#		109		107		15		14		3.1		2.9		28.7		26.8
153#	-36250	-190000#	116		306		15		9		3.3		5.3		28.7		17.2	
154#	-36500	-190000#		125				12		15		2.9				23		28.7
155#	-36750	-190000#	125		107		14		14		3.3		2.9		26.8		26.8	
156#	-37000	-190000#		71				21		16		2.9				40.2		30.6

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	# Y #	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
157#	-37250	-190000#	80		94		25		24		3.8		4.3		47.9		45.9	
158#	-37500	-190000#		53		46		33		42		3.3		3.7		63.2		80.4
159#	-37750	-190000#	133		52		15		58		3.8		5.8		28.7		111	
160#	-38000	-190000#		98		50		28		45		5.3		4.3		53.6		86.1
161#	-38250	-190000#	125		95		20		21		4.8		3.8		38.3		40.2	
162#	-38500	-190000#		117				17				3.8				32.5		
163#	-38750	-190000#	115		71		26		28		5.7		3.8		49.8		53.6	
164#	-39000	-190000#		66		102		38		19		4.8		3.7		72.7		36.4
165#	-39250	-190000#	89		67		28		26		4.8		3.3		53.6		49.8	
166#	-39500	-190000#		96		73		26		24		4.8		3.4		49.8		45.9
167#	-39750	-190000#	167		106		15		26		4.8		5.3		28.7		49.8	
168#	-40000	-190000#		103		70		17		26		3.4		3.5		32.5		49.8
169#	-40250	-190000#	40		72		31		21		2.4		2.9		59.3		40.2	
170#	-40500	-190000#		30		108		50		23		2.9		4.8		95.7		44
171#	-40750	-190000#	45		20		28		62		2.4		2.4		53.6		118.7	
172#	-41000	-190000#		37		25		40		71		2.8		3.4		76.6		135.9
173#	-41250	-190000#	55		37		27		47		2.8		3.3		51.7		90	
174#	-41500	-190000#		43				35				2.9				67		
175#	-41750	-190000#	80		34		25		37		3.8		2.4		47.9		70.8	
176#	-42000	-190000#		55		32		27		47		2.8		2.9		51.7		90
177#	-42250	-190000#	88		29		17		37		2.9		2.1		32.5		70.8	
178#	-42500	-190000#		48		25		26		50		2.4		2.4		49.8		95.7
179#	-42750	-190000#	88		39		17		38		2.9		2.8		32.5		72.7	
180#	-43000	-190000#		56		28		27		67		2.9		3.6		51.7		128.2
181#	-43250	-190000#	67		25		15		50		1.9		2.4		28.7		95.7	
182#	-43500	-190000#		81		54		31		37		4.8		3.8		59.3		70.8
183#	-43750	-190000#	31		84		24		24		1.4		3.9		45.9		45.9	
184#	-44000	-190000#		71		59		21		42		2.9		4.7		40.2		80.4
185#	-44250	-190000#	140		59		16		38		4.3		4.3		30.6		72.7	
186#	-44500	-190000#		49				36				3.4				68.9		
187#	-44750	-190000#	60		94		42		24		4.8		4.3		80.4		45.9	
188#	-45000	-190000#		81		45		31		36		4.8		3.1		59.3		68.9

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	# Y #	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
189#	-45250	-190000#	127		37		19		47		4.6		3.3		36.4		90	
190#	-45500	-190000#		78		63		32		28		4.8		3.4		61.3		53.6
191#	-45750	-190000#	68		54		48		42		6.2		4.3		91.9		80.4	
192#	-46000	-190000#		25		40		71		44		3.4		3.4		135.9		84.2
193#	-46250	-190000#	20		24		50		83		1.9		3.8		95.7		158.9	
194#	-46500	-190000#		21		15		60		178		2.4		5.1		114.8		340.7
195#	-46750	-190000#	27		8		46		151		2.4		2.3		88.1		289	
196#	-47000	-190000#		9		6		133		203		2.3		2.3		254.6		388.6
197#	-47250	-190000#	14		6		91		208		2.4		2.4		174.2		398.1	
198#	-47500	-190000#		7				153				2.1				292.9		
199#	-47750	-190000#	14		5		72		188		1.9		1.8		137.8		359.9	
200#	-48000	-190000#		14		2		103		101		2.8		0.4		197.2		193.3
201#	-48250	-190000#	15		22		82		57		2.4		2.4		157		109.1	
202#	-48500	-190000#		26		118		58		106		2.9		23.9		111		202.9
203#	-48750	-190000#	31		6		40		121		2.4		1.4		76.6		231.6	
204#	-49000	-190000#		12		7		106		163		2.4		2.2		202.9		312
205#	-49250	-190000#	4		7		71		141		0.5		1.9		135.9		269.9	
206#	-49500	-190000#		17		9		115		136		3.7		2.3		220.1		260.3
207#	-49750	-190000#	32		21		70		117		4.3		4.7		134		224	
208#	-50000	-190000#		26		13		68		158		3.4		3.9		130.2		302.4
209#	-50250	-190000#	29		26		77		95		4.3		4.7		147.4		181.8	
210#	-50500	-190000#		20				126				4.8				241.2		
211#	-50750	-190000#	31		21		88		105		5.2		4.2		168.4		201	
212#	-51000	-190000#		40		12		75		121		5.7		2.8		143.6		231.6
213#	-51250	-190000#	43		32		47		63		3.9		3.9		90		120.6	
214#	-51500	-190000#		54		26		46		88		4.8		4.4		88.1		168.4
215#	-51750	-190000#	80		35		25		72		3.8		4.8		47.9		137.8	
216#	-52000	-190000#		206		68		12		33		4.7		4.3		23		63.2
217#	-52250	-190000#	30		79		42		35		2.4		5.3		80.4		67	
218#	-52500	-190000#		32		46		39		40		2.4		3.5		74.7		76.6
219#	-52750	-190000#	55		44		32		46		3.4		3.9		61.3		88.1	
220#	-53000	-190000#		30		23		41		77		2.4		3.4		78.5		147.4

[illegible]

ENVELOPE 208 0 XX-53

CREASE EAST #NAME?

*****		*****		*****		*****		*****		*****	
APP. RESIST	OHM.FT	F	REQ. E	FFECT		APP.	RESI	ST OHM	.M	#	
N=1 N=2	N=3 N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	#	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
	22.0				4.8					42.1#	
	19.0			3.8				36.4		#	
17	21.0		3.8		5.3		32.5			40.2#	
16	19.0	4.8		4.8		30.6		36.4		#	
18	23.0		3.8		5.3		34.5			44.0#	
19	23.0	4.3		3.3		36.4		44		#	
24	23.0		4.8		4.3		45.9			44.0#	
19	25.0	2.9		1.9		36.4		47.9		#	
21			3.8				40.2			#	
25	39.0	3.8		3.8		47.9		74.7		#	
45	2.7		2.4				86.1			5.2#	
32	4.7	1.4		6.7		61.3		9		#	
4.6	18.0		9.1		6.2		8.8			34.5#	
4.4	15.0	8.1		6.7		8.4		28.7		#	
12	36.0		6.7		4.8		23			68.9#	
36	27.0	3.4		5.7		68.9		51.7		#	
68	26.0		3.8		2.9		130.2			49.8#	
41	56.0	4.3		4.3		78.5		107.2		#	
53	52.0		3.3		4.8		101.4			99.5#	
105	41.0	3.4		5.7		201		78.5		#	
102			4.9				195.2			#	
70	125.0	3.9		4.3		134		239.3		#	
108	93.0		4.3		5.7		206.7			178.0#	
53	93.0	4.4		4.3		101.4		178		#	
44	130.0		6.2		5.7		84.2			248.8#	
28	66.0	4.8		7.1		53.6		126.3		#	

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**** *****
# METAL FACTOR |
No X Y # N=1 N=2 N=3 N=4 |
**** *****
27# -30000 -192000# 54.0 49.0|
28# -30250 -192000# 69.0 |
29# -30500 -192000# 36.0|
**** *****

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***** ***** ***** ***** ***** ***** ***** ***** ***** *****
APP. RESIST OHM.FT | F REQ. E FFECT | APP. RESI ST OHM .M #
N=1 N=2 N=3 N=4 | N=1 N=2 N=3 N=4 | N=1 N=2 N=3 N=4 #
***** ***** ***** ***** ***** ***** ***** ***** *****
46 72.0| 4.8 6.8| 88.1 137.8#
51.0 | 6.7 | 97.6 #
76.0| 5.2| 145.5#
***** ***** ***** ***** ***** ***** ***** ***** *****

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SOUTH REGIONAL 1940S 500 FEET ??-
 IP 592.5W-70E LENGTH 66250 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST
 TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	7000	-194000				6				204				2.3				390.5
2#	6750	-194000			7				250				3.3				478.5	
3#	6500	-194000		11		5		286		200		6		1.9		547.4		382.8
4#	6250	-194000	14		6		127		236		3.4		2.7		243.1		451.7	
5#	6000	-194000		18		9		127		207		4.4		3.6		243.1		396.2
6#	5750	-194000	12		13		123		120		2.8		3		235.4		229.7	
7#	5500	-194000		11		5		110		115		2.3		1.1		210.6		220.1
8#	5250	-194000	8		16		164		110		2.5		3.4		313.9		210.6	
9#	5000	-194000		6				174				2				333.1		
10#	4750	-194000	16		7		109		142		3.3		1.9		208.6		271.8	
11#	4500	-194000		18		5		83		212		2.9		2		158.9		405.8
12#	4250	-194000	25		15		59		121		2.8		3.5		112.9		231.6	
13#	4000	-194000		19		11		80		136		2.9		2.9		153.1		260.3
14#	3750	-194000	17		20		58		86		1.9		3.3		111		164.6	
15#	3500	-194000		8		20		62		63		0.9		2.4		118.7		120.6
16#	3250	-194000	48		35		42		43		3.9		2.9		80.4		82.3	
17#	3000	-194000		39		36		32		35		2.4		2.4		61.3		67
18#	2750	-194000	37		35		41		29		2.9		1.9		78.5		55.5	
19#	2500	-194000		25		9		40		33		1.9		0.6		76.6		63.2
20#	2250	-194000	46		11		43		46		3.8		1		82.3		88.1	
21#	2000	-194000		10				50				1				95.7		
22#	1750	-194000	30		13		25		56		1.4		1.4		47.9		107.2	
23#	1500	-194000		29		21		34		84		1.9		3.4		65.1		160.8
24#	1250	-194000	96		29		26		52		4.8		2.9		49.8		99.5	
25#	1000	-194000		51		52		39		72		3.8		7.2		74.7		137.8
26#	750	-194000	77		47		26		58		3.8		5.2		49.8		111	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	500	-194000		75		32		40		47		5.7		2.9		76.6		90
28#	250	-194000	148		56		27		36		7.6		3.9		51.7		68.9	
29#	0	-194000		81		18		28		55		4.3		1.9		53.6		105.3
30#	-250	-194000	72		38		28		46		3.9		3.3		53.6		88.1	
31#	-500	-194000		60		33		50		46		5.7		2.9		95.7		88.1
32#	-750	-194000	44		36		45		69		3.8		4.8		86.1		132.1	
33#	-1000	-194000		41				55				4.3				105.3		
34#	-1250	-194000	64		17		35		87		4.3		2.8		67		166.5	
35#	-1500	-194000		18		16		55		113		1.9		3.5		105.3		216.3
36#	-1750	-194000	83		16		45		77		7.1		2.4		86.1		147.4	
37#	-2000	-194000		22		29		81		70		3.4		3.9		155		134
38#	-2250	-194000	75		35		40		87		5.7		5.8		76.6		166.5	
39#	-2500	-194000		28		32		54		62		2.9		3.8		103.4		118.7
40#	-2750	-194000	16		35		62		43		1.9		2.9		118.7		82.3	
41#	-3000	-194000		48		12		47		83		4.3		1.9		90		158.9
42#	-3250	-194000	109		16		32		93		6.7		2.8		61.3		178	
43#	-3500	-194000		36		12		63		125		4.3		2.9		120.6		239.3
44#	-3750	-194000	78		10		32		98		4.8		1.9		61.3		187.6	
45#	-4000	-194000		17				58				1.9				111		
46#	-4250	-194000	67		53		30		38		3.8		3.9		57.4		72.7	
47#	-4500	-194000		47		42		32		53		2.9		4.3		61.3		101.4
48#	-4750	-194000	57		29		35		43		3.8		2.4		67		82.3	
49#	-5000	-194000		15		25		30		67		0.9		3.2		57.4		128.2
50#	-5250	-194000	70		21		30		70		4		2.8		57.4		134	
51#	-5500	-194000		26		25		48		70		2.4		3.3		91.9		134
52#	-5750	-194000	40		34		31		52		2.4		3.4		59.3		99.5	
53#	-6000	-194000		46		32		38		63		3.3		3.9		72.7		120.6
54#	-6250	-194000	34		39		37		45		2.4		3.4		70.8		86.1	
55#	-6500	-194000		39		23		51		66		3.8		2.9		97.6		126.3
56#	-6750	-194000	54		30		42		75		4.3		4.3		80.4		143.6	
57#	-7000	-194000		21				71				2.9				135.9		
58#	-7250	-194000	40		11		56		134		4.3		2.8		107.2		256.5	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP.	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	-7500	-194000		87		34		20		59		3.3		3.8		38.3		112.9
60#	-7750	-194000	39		26		71		86		5.3		4.3		135.9		164.6	
61#	-8000	-194000		54		15		60		120		6.2		3.4		114.8		229.7
62#	-8250	-194000	87		21		43		94		7.2		3.8		82.3		179.9	
63#	-8500	-194000				15		65		172				4.9		124.4		329.2
64#	-8750	-194000	32		16		62		153		3.8		4.7		118.7		292.9	
65#	-9000	-194000		20		13		102		200		3.9		5		195.2		382.8
66#	-9250	-194000	38		12		59		143		4.3		3.3		112.9		273.7	
67#	-9500	-194000		16		24		95		95		2.9		4.4		181.8		181.8
68#	-9750	-194000	26		36		85		69		4.2		4.8		162.7		132.1	
69#	-10000	-194000		22				57				2.4				109.1		
70#	-10250	-194000	18		17		82		89		2.8		2.9		157		170.4	
71#	-10500	-194000		16		53		140		30		4.3		3		268		57.4
72#	-10750	-194000	15		40		82		63		2.4		4.8		157		120.6	
73#	-11000	-194000		63		24		40		62		4.8		2.8		76.6		118.7
74#	-11250	-194000	73		30		31		50		4.3		2.9		59.3		95.7	
75#	-11500	-194000		45		10		39		200		3.4		3.8		74.7		382.8
76#	-11750	-194000			12		26		125				2.9		49.8		239.3	
77#	-12000	-194000		22		5		90		240		3.8		2.3		172.3		459.4
78#	-12250	-194000	92		9		30		160		5.3		2.8		57.4		306.3	
79#	-12500	-194000		42		32		48		70		3.9		4.3		91.9		134
80#	-12750	-194000	108		87		34		26		7		4.3		65.1		49.8	
81#	-13000	-194000		167				18				5.8				34.5		
82#	-13250	-194000	91		308		44		13		7.7		7.7		84.2		24.9	
83#	-13500	-194000		92		125		38		30		6.7		7.2		72.7		57.4
84#	-13750	-194000	90		19		50		105		8.6		3.8		95.7		201	
85#	-14000	-194000		14		18		167		112		4.5		3.9		319.7		214.4
86#	-14250	-194000	22		16		92		183		3.9		5.6		176.1		350.3	
87#	-14500	-194000		35		6		106		240		7.1		2.8		202.9		459.4
88#	-14750	-194000	76		17		46		144		6.7		4.7		88.1		275.6	
89#	-15000	-194000		34		20		74		128		4.8		4.9		141.6		245
90#	-15250	-194000	37		36		102		163		7.2		11.2		195.2		312	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	APP. N=4	RESIS N=1	T OHM. N=2	FT N=3	F N=4	REQ. E N=1	FFECT N=2	APP N=3	. RESI N=4	ST OHM N=1	.M N=2			
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	-15500	-194000		33		38		84		52		5.3		3.8		160.8			99.5
92#	-15750	-194000	23		19		83		78		3.7		2.8		158.9		149.3		
93#	-16000	-194000		36				70				4.8				134			
94#	-16250	-194000	44		17		57		89		4.8		2.9		109.1		170.4		
95#	-16500	-194000		37		15		81		148		5.7		4.2		155			283.3
96#	-16750	-194000	44		14		57		141		4.8		3.8		109.1		269.9		
97#	-17000	-194000		23		37		119		135		5.2		9.6		227.8			258.4
98#	-17250	-194000	49		18		46		113		4.3		3.9		88.1		216.3		
99#	-17500	-194000				9		52		230				4		99.5			440.3
100#	-17750	-194000	63		14		24		106		2.9		2.8		45.9		202.9		
101#	-18000	-194000		41		44		61		40		4.8		3.4		116.8			76.6
102#	-18250	-194000	26		77		77		26		3.8		3.8		147.4		49.8		
103#	-18500	-194000		78		103		32		29		4.8		5.7		61.3			55.5
104#	-18750	-194000	91		66		11		38		1.9		4.8		21.1		72.7		
105#	-19000	-194000		91				16				2.8				30.6			
106#	-19250	-194000	125		61		20		37		4.8		4.3		38.3		70.8		
107#	-19500	-194000		9		36		54		56		0.9		3.9		103.4			107.2
108#	-19750	-194000	57		20		35		90		3.8		3.4		67		172.3		
109#	-20000	-194000		30		59		50		34		2.9		3.8		95.7			65.1
110#	-20250	-194000	44		117		57		17		4.8		3.8		109.1		32.5		
111#	-20500	-194000		107		106		21		23		4.3		4.7		40.2			44
112#	-20750	-194000	238		110		21		25		9.6		5.3		40.2		47.9		
113#	-21000	-194000		105		66		31		34		6.2		4.3		59.3			65.1
114#	-21250	-194000	210		58		25		43		10		4.8		47.9		82.3		
115#	-21500	-194000		50		81		40		37		3.8		5.7		76.6			70.8
116#	-21750	-194000	161		74		14		37		4.3		5.2		26.8		70.8		
117#	-22000	-194000		135				13				3.4				24.9			
118#	-22250	-194000	161		190		9.3		17		2.9		6.2		17.8		32.5		
119#	-22500	-194000		210		98		13		20		5.2		3.8		24.9			38.3
120#	-22750	-194000	148		156		13.5		16		3.8		4.8		25.8		30.6		
121#	-23000	-194000		109				16				3.3				30.6			
122#	-23250	-194000	234		115		8.5		26		3.8		5.7		16.3		49.8		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	-23500	-194000		212		132		16.5		19		6.7		4.8		31.6		36.4
124#	-23750	-194000	270		236		13		12.7		6.7		5.7		24.9		24.3	
125#	-24000	-194000		333		260		12		13.5		7.6		6.7		23		25.8
126#	-24250	-194000	154		256		13		11.7		3.8		5.7		24.9		22.4	
127#	-24500	-194000		346		104		13		24		8.6		4.8		24.9		45.9
128#	-24750	-194000	125		173		16		26		3.8		8.6		30.6		49.8	
129#	-25000	-194000		103				34				6.7				65.1		
130#	-25250	-194000	28		52		16		49		0.9		4.9		30.6		93.8	
131#	-25500	-194000		159		60		22		50		6.7		5.7		42.1		95.7
132#	-25750	-194000	166		180		15		25		4.8		8.6		28.7		47.9	
133#	-26000	-194000		147		59		17		23		4.8		2.6		32.5		44
134#	-26250	-194000	125		115		22		17		5.3		3.7		42.1		32.5	
135#	-26500	-194000		65		61		27		22		3.4		2.6		51.7		42.1
136#	-26750	-194000	88		86		34		35		5.7		5.8		65.1		67	
137#	-27000	-194000		56		45		49		66		5.3		5.7		93.8		126.3
138#	-27250	-194000	72		29		45		94		6.2		5.2		86.1		179.9	
139#	-27500	-194000		22		33		101		53		4.3		3.3		193.3		101.4
140#	-27750	-194000	20		22		89		58		3.4		2.4		170.4		111	
141#	-28000	-194000		31				56				3.3				107.2		
142#	-28250	-194000	21		19		47		66		1.9		2.4		90		126.3	
143#	-28500	-194000		29		32		61		55		3.4		3.4		116.8		105.3
144#	-26750	-194000	6		47		78		53		0.9		4.8		149.3		101.4	
145#	-29000	-194000		18		25		72		60		2.5		2.9		137.8		114.8
146#	-29250	-194000	15		19		33		92		0.9		3.3		63.2		176.1	
147#	-29500	-194000		40		17		44		136		3.4		4.4		84.2		260.3
148#	-29750	-194000	46		26		43		68		3.8		3.4		82.3		130.2	
149#	-30000	-194000		29		34		69		66		3.8		4.3		132.1		126.3
150#	-30250	-194000	40		23		57		65		4.4		2.9		109.1		124.4	
151#	-30500	-194000		46		32		49		54		4.3		3.3		93.8		103.4
152#	-30750	-194000	78		49		32		41		4.8		3.8		61.3		78.5	
153#	-31000	-194000		74				27				3.8				51.7		
154#	-31250	-194000	94		72		24		28		4.3		3.9		45.9		53.6	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	-31500	-194000		59		90		30		26		3.4		4.5		57.4		49.8
156#	-31750	-194000	58		86		26		29		2.9		4.8		49.8		55.5	
157#	-32000	-194000		74		27		27		55		3.8		2.8		51.7		105.3
158#	-32250	-194000	97		43		18		52		3.3		4.3		34.5		99.5	
159#	-32500	-194000		47		86		37		38		3.3		6.3		70.8		72.7
160#	-32750	-194000	64		89		19.5		28		2.4		4.8		37.3		53.6	
161#	-33000	-194000		160		112		17.2		15.7		5.3		3.4		32.9		30.1
162#	-33250	-194000	48		158		21		14.2		1.9		4.3		40.2		27.2	
163#	-33500	-194000		125				18		15		4.3				34.5		28.7
164#	-33750	-194000	57		145		22		19		2.4		5.3		42.1		36.4	
165#	-34000	-194000		52				29				2.9				55.5		
166#	-34250	-194000	119		45		10.5		39		2.4		3.4		20.1		74.7	
167#	-34500	-194000		140		27		16		37		4.3		1.9		30.6		70.8
168#	-34750	-194000	234		112		9.6		15.5		4.3		3.3		18.4		29.7	
169#	-35000	-194000		234				9.6		6		4.3				18.4		11.5
170#	-35250	-194000	285		88		7.9		17		4.3		2.9		15.1		32.5	
171#	-35500	-194000		136		68		14.7		14.7		3.8		1.9		28.1		28.1
172#	-35750	-194000	113		77		13.3		13		2.9		1.9		25.5		24.9	
173#	-36000	-194000		166		160		12		15		3.8		4.6		23		28.7
174#	-36250	-194000	204		102		9.8		14.7		3.8		2.9		18.8		28.1	
175#	-36500	-194000		103		93		34		16.2		6.7		2.9		65.1		31
176#	-36750	-194000	66				19		15.6		2.4				36.4		29.9	
177#	-37000	-194000		74				27				3.8				51.7		
178#	-37250	-194000	139		88		18		34		4.8		5.7		34.5		65.1	
179#	-27500	-194000		45		53		28		38		2.4		3.9		53.6		72.7
180#	-37750	-194000	58		74		26		34		2.9		4.8		49.8		65.1	
181#	-38000	-194000		29				35		20		1.9				67		38.3
182#	-38250	-194000	64		29		35		24		4.3		1.3		67		45.9	
183#	-38500	-194000		58				26		25		2.9				49.8		47.9
184#	-38750	-194000	125		59		20		34		4.8		3.8		38.3		65.1	
185#	-39000	-194000		54		41		28		43		2.9		3.4		53.6		82.3
186#	-39250	-194000	31		51		24		39		1.4		3.8		45.9		74.7	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
187#	-39500	-194000		43		36		35		39		2.9		2.7		67		74.7
188#	-39750	-194000	80		35		25		36		3.8		2.4		47.9		68.9	
189#	-40000	-194000		87				23				3.8				44		
190#	-40250	-194000	46		72		22		28		1.9		3.9		42.1		53.6	
191#	-40500	-194000		45		34		28		32		2.4		2.1		53.6		61.3
192#	-40750	-194000	108		33		23		30		4.8		1.9		44		57.4	
193#	-41000	-194000		29		25		35		40		1.9		1.9		67		76.6
194#	-41250	-194000	94		12		24		42		4.3		1		45.9		80.4	
195#	-41500	-194000		23		28		33		36		1.5		1.9		63.2		68.9
196#	-41750	-194000	29		52		26		29		1.4		2.9		49.8		55.5	
197#	-42000	-194000		65		46		23		44		2.9		3.9		44		84.2
198#	-42250	-194000	56		54		18		37		1.9		3.8		34.5		70.8	
199#	-42500	-194000		40		19		31		39		2.4		1.4		59.3		74.7
200#	-42750	-194000	49		35		20.6		36		1.9		2.4		39.4		68.9	
201#	-43000	-194000		46				27				2.4				51.7		
202#	-43250	-194000	53		36		19		36		1.9		2.5		36.4		68.9	
203#	-43500	-194000		36		33		28		46		1.9		2.9		53.6		88.1
204#	-43750	-194000	40		33		25		38		1.9		2.4		47.9		72.7	
205#	-44000	-194000		37		26		41		39		2.9		1.9		78.5		74.7
206#	-44250	-194000	36		24		28		42		1.9		1.9		53.6		80.4	
207#	-44500	-194000		22		16		34		62		1.4		1.9		65.1		118.7
208#	-44750	-194000	36		24		35		53		2.4		2.4		67		101.4	
209#	-45000	-194000		12		12		63		83		1.4		1.9		120.6		158.9
210#	-45250	-194000	10		22		50		91		1		3.8		95.7		174.2	
211#	-45500	-194000		24		24		62		72		2.8		3.3		118.7		137.8
212#	-45750	-194000	31		18		32		56		1.9		1.9		61.3		107.2	
213#	-46000	-194000		28				36				1.9				68.9		
214#	-46250	-194000	22		24		56		53		2.4		2.4		107.2		101.4	
215#	-46500	-194000		10.6		16		86		46		1.7		1.4		164.6		88.1
216#	-46750	-194000	3.3		12.3		150		81		0.9		1.9		287.1		155	
217#	-47000	-194000		7		24		180		62		2.4		2.8		344.5		118.7
218#	-47250	-194000	32		6		62		173		3.8		2		118.7		331.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP.	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
219#	-47500	-194000		20		3.7		75		474		2.9		3.4		143.6		907.3
220#	-47750	-194000	19		4.3		39		231		1.4		1.9		74.7		442.2	
221#	-48000	-194000		11.5		13		152		149		3.3		3.7		290.9		285.2
222#	-48250	-194000	32		16		62		110		3.8		3.4		118.7		210.6	
223#	-48500	-194000		23		17		54		102		2.4		3.3		103.4		195.2
224#	-48750	-194000	86		39		29		58		4.8		4.3		55.5		111	
225#	-49000	-194000		41				43				3.4				82.3		
226#	-49250	-194000	42		31		60		56		4.8		3.3		114.8		107.2	
227#	-49500	-194000		23		9		89		138		3.9		2.4		170.4		264.2
228#	-49750	-194000	73		10.3		31		218		4.3		4.3		59.3		417.3	
229#	-50000	-194000		29		6		77		227		4.3		2.6		147.4		434.5
230#	-50250	-194000	49		21		41		84		3.8		3.4		78.5		160.8	
231#	-50500	-194000		24		19		44		79		2		2.9		84.2		151.2
232#	-50750	-194000	19		42		53		48		1.9		3.9		101.4		91.9	
233#	-51000	-194000		26		42		53		48		2.6		3.9		101.4		91.9
234#	-51250	-194000	13		15		59		68		1.5		2		112.9		130.2	
235#	-51500	-194000		16		35		79		43		2.4		2.9		151.2		82.3
236#	-51750	-194000	16		22		63		56		1.9		2.4		120.6		107.2	
237#	-52000	-194000		28				44				2.4				84.2		
238#	-52250	-194000	60		50		25		35		2.9		3.3		47.9		67	
239#	-52500	-194000		52		27		24		47		2.4		2.4		45.9		90
240#	-52750	-194000	50		30		20		33		1.9		1.9		38.3		63.2	
241#	-53000	-194000		48		29		31		35		2.8		1.9		59.3		67
242#	-53250	-194000	40		44		25		34		1.9		2.9		47.9		65.1	
243#	-53500	-194000		39		38		26		60		1.9		4.4		49.8		114.8
244#	-53750	-194000	109		51		18.4		39		3.8		3.8		35.2		74.7	
245#	-54000	-194000		58		44		26		45		2.9		3.8		49.8		86.1
246#	-54250	-194000	42		73		42		31		3.4		4.3		80.4		59.3	
247#	-54500	-194000		31		54		49		28		2.9		2.9		93.8		53.6
248#	-54750	-194000	53		53		38		47		3.9		4.8		72.7		90	
249#	-55000	-194000		38				39				2.8				74.7		
250#	-55250	-194000	55		40		39		30		4.1		2.3		74.7		57.4	

[illegible]

SOUTH REGIONAL 1980S 500 FEET ??-
 IP 592.5W-92.5E LENGTH 68500 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST
 TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	9250	-198000	6				187				2.1				357.9			
2#	9000	-198000		7				206				2.8				394.3		
3#	8750	-198000	4		6		130		246		1		2.8		248.8		470.9	
4#	8500	-198000		7		5		200		300		2.7		2.9		382.8		574.2
5#	8250	-198000	12		6		126		279		2.9		3.2		241.2		534	
6#	8000	-198000		8				223				3.4				426.9		
7#	7750	-198000	16		9		133		253		4.1		4.4		254.6		484.3	
8#	7500	-198000		11		6		163		344		3.4		4		312		658.5
9#	7250	-198000	14		9		112		242		3		4.2		214.4		463.2	
10#	7000	-198000		9		7		194		292		3.3		3.9		371.3		558.9
11#	6750	-198000	19		7		169		248		6.1		3.3		323.5		474.7	
12#	6500	-198000		8		10		249		162		3.8		3.1		476.6		310.1
13#	6250	-198000	10		4		160		16		3.1		0.1		306.3		30.6	
14#	6000	-198000		14		7		118		195		3.2		2.6		225.9		373.3
15#	5750	-198000	21		9		82		150		3.3		2.6		157		287.1	
16#	5500	-198000		17		10		109		165		3.5		3.2		208.6		315.8
17#	5250	-198000	15		12		102		131		2.9		3		195.2		250.8	
18#	5000	-198000		14				111				3				212.5		
19#	4750	-198000	4		8		43		193		0.3		3		82.3		369.4	
20#	4500	-198000		19		9		93		256		3.4		4.4		178		490
21#	4250	-198000	23		15		79		130		3.5		3.7		151.2		248.8	
22#	4000	-198000		7		10		121		185		1.6		3.5		231.6		354.1
23#	3750	-198000	24		9		28		183		1.3		3.2		53.6		350.3	
24#	3500	-198000		19		17		119		111		4.3		3.6		227.8		212.5
25#	3250	-198000	10		12		150		85		2.9		2		287.1		162.7	
26#	3000	-198000		20		23		75		76		2.9		3.3		143.6		145.5

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	2750	-198000	13		16		82		87		2		2.7		157		166.5	
28#	2500	-198000		22		15		87		106		3.7		3		166.5		202.9
29#	2250	-198000	13		17		97		115		2.4		3.7		185.7		220.1	
30#	2000	-198000		12				135				3.1				258.4		
31#	1750	-198000	27		7		62		270		3.2		3.6		118.7		516.8	
32#	1500	-198000		18		10		137		165		4.7		3.2		262.2		315.8
33#	1250	-198000	51		17		83		100		8.1		3.3		158.9		191.4	
34#	1000	-198000		10		9		57		97		1.1		1.7		109.1		185.7
35#	750	-198000	31		15		51		79		3		2.3		97.6		151.2	
36#	500	-198000		12		23		68		90		1.6		4		130.2		172.3
37#	250	-198000	24		18		64		82		2.9		2.8		122.5		157	
38#	0	-198000		18		18		100		96		3.4		3.3		191.4		183.8
39#	-250	-198000	68		21		34		120		4.4		4.8		65.1		229.7	
40#	-500	-198000		36		11		45		140		3.1		2.9		86.1		268
41#	-750	-198000	59		35		29		55		3.3		3.7		55.5		105.3	
42#	-1000	-198000		42				43				3.5				82.3		
43#	-1250	-198000	96		25		27		57		5		2.7		51.7		109.1	
44#	-1500	-198000		43		18		44		102		3.6		3.5		84.2		195.2
45#	-1750	-198000	42		32		33		82		2.7		5		63.2		157	
46#	-2000	-198000		26		15		73		161		3.6		4.6		139.7		308.2
47#	-2250	-198000	49		17		41		140		3.8		4.6		78.5		268	
48#	-2500	-198000		20		17		111		133		4.2		4.3		212.5		254.6
49#	-2750	-198000	22		16		90		105		3.8		3.2		172.3		201	
50#	-3000	-198000		25		12		101		165		4.8		3.8		193.3		315.8
51#	-3250	-198000	54		19		127		101		13.1		3.7		243.1		193.3	
52#	-3500	-198000		15		15		158		135		4.5		3.9		302.4		258.4
53#	-3750	-198000	13		11		103		218		2.6		4.6		197.2		417.3	
54#	-4000	-198000		10				183				3.5				350.3		
55#	-4250	-198000	26		6		65		290		3.2		3.3		124.4		555.1	
56#	-4500	-198000		13		7		123		282		3.1		3.8		235.4		539.8
57#	-4750	-198000	23		20		73		128		3.2		4.9		139.7		245	
58#	-5000	-198000		21		19		96		122		3.9		4.4		183.8		233.5

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	-5250	-198000	26		27		70		85		3.5		4.4		134		162.7	
60#	-5500	-198000		32		20		76		136		4.7		5.2		145.5		260.3
61#	-5750	-198000	33		13		48		130		3		3.2		91.9		248.8	
62#	-6000	-198000		17		10		94		205		3.1		3.9		179.9		392.4
63#	-6250	-198000	32		9		69		160		4.2		2.8		132.1		306.3	
64#	-6500	-198000		13		11		125		175		3.1		3.7		239.3		335
65#	-6750	-198000	22		17		87		47		3.7		1.5		166.5		90	
66#	-7000	-198000		19				108				3.9				206.7		
67#	-7250	-198000	18		13		113		156		3.9		3.9		216.3		298.6	
68#	-7500	-198000		11		19		188		156		4		5.7		359.9		298.6
69#	-7750	-198000	11		12		184		210		3.9		4.8		352.2		402	
70#	-8000	-198000		10		16		247		187		4.7		5.7		472.8		357.9
71#	-8250	-198000	12		12		180		210		4.1		4.8		344.5		402	
72#	-8500	-198000		7		8		232		298		3.1		4.6		444.1		570.4
73#	-8750	-198000	7		7		230		250		3.1		3.3		440.3		478.5	
74#	-9000	-198000		13		11		206		208		5.1		4.4		394.3		398.1
75#	-9250	-198000	27		7		130		310		6.7		4.2		248.8		593.4	
76#	-9500	-198000		15		7		208		260		6		3.5		398.1		497.7
77#	-9750	-198000	22		7		123		195		5.2		2.6		235.4		373.3	
78#	-10000	-198000		15				132				3.8				252.7		
79#	-10250	-198000	21		15		90		151		3.6		4.3		172.3		289	
80#	-10500	-198000		27		10		107		270		5.5		5.2		204.8		516.8
81#	-10750	-198000	18		15		90		206		3.1		5.9		172.3		394.3	
82#	-11000	-198000		13		20		190		134		4.7		5.1		363.7		256.5
83#	-11250	-198000	20		13		65		142		2.5		3.5		124.4		271.8	
84#	-11500	-198000		23		39		62		57		2.7		4.3		118.7		109.1
85#	-11750	-198000	22		11		63		26		2.7		0.5		120.6		49.8	
86#	-12000	-198000		56		55		33		46		3.5		4.8		63.2		88.1
87#	-12250	-198000	44		49		39		57		3.3		5.3		74.7		109.1	
88#	-12500	-198000		26		29		74		112		3.7		6.2		141.6		214.4
89#	-12750	-198000	25		15		67		157		3.2		4.5		128.2		300.5	
90#	-13000	-198000		26				81				4				155		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	-13250	-198000	68		26		41		121		5.3		6		78.5		231.6	
92#	-13500	-198000		49		9		53		230		5		4		101.4		440.3
93#	-13750	-198000	44		25		62		104		5.2		5		118.7		199.1	
94#	-14000	-198000		26		49		103		51		5.1		4.8		197.2		97.6
95#	-14250	-198000	28		47		90		51		4.8		4.6		172.3		97.6	
96#	-14500	-198000		34		166		56		14		3.6		4.4		107.2		26.8
97#	-14750	-198000	46		74		52		34		4.6		4.8		99.5		65.1	
98#	-15000	-198000				22				92				3.9				176.1
99#	-15250	-198000	15				116				3.3				222			
100#	-15500	-198000		8		13		279		117		4.3		2.9		534		224
101#	-15750	-198000	15		10		98		271		2.8		5.2		187.6		518.7	
102#	-16000	-198000		22				108				4.5				206.7		
103#	-16250	-198000	44		59		57		85		4.8		9.6		109.1		162.7	
104#	-16500	-198000		104		15		48		185		9.6		5.3		91.9		354.1
105#	-16750	-198000	29		19		70		98		3.9		3.6		134		187.6	
106#	-17000	-198000		14		31		151		83		4		4.9		289		158.9
107#	-17250	-198000	25		12		95		148		4.5		3.4		181.8		283.3	
108#	-17500	-198000		20		29		87		80		3.3		4.4		166.5		153.1
109#	-17750	-198000	10		11		87		54		1.7		1.1		166.5		103.4	
110#	-18000	-198000		28		18		46		87		2.5		3		88.1		166.5
111#	-18250	-198000	19		78		74		78		2.7		11.6		141.6		149.3	
112#	-18500	-198000		124		25		124		60		29.4		2.9		237.4		114.8
113#	-18750	-198000	36		23		37		117		2.5		5.2		70.8		224	
114#	-19000	-198000		46				37				3.3				70.8		
115#	-19250	-198000	60		19		38		78		4.4		2.8		72.7		149.3	
116#	-19500	-198000		28		25		60		90		3.2		4.3		114.8		172.3
117#	-19750	-198000	52		39		50		65		5		4.9		95.7		124.4	
118#	-20000	-198000		61		25		61		83		7.1		4		116.8		158.9
119#	-20250	-198000	52		25		31		91		3.1		4.4		59.3		174.2	
120#	-20500	-198000		39		80		49		44		3.7		6.7		93.8		84.2
121#	-20750	-198000	17		148		52		25		1.7		7.1		99.5		47.9	
122#	-21000	-198000		47		90		34		39		3.1		6.7		65.1		74.7

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	-21250	-198000	77		45		22		56		3.2		4.8		42.1		107.2	
124#	-21500	-198000		50		44		48		59		4.6		5		91.9		112.9
125#	-21750	-198000	36		51		44		45		3		4.4		84.2		86.1	
126#	-22000	-198000		31				48				2.8				91.9		
127#	-22250	-198000	74		32		23		44		3.3		2.7		44		84.2	
128#	-22500	-198000		77		52		22		44		3.2		4.4		42.1		84.2
129#	-22750	-198000	43		78		37		23		3		3.4		70.8		44	
130#	-23000	-198000		34		32		41		44		2.7		2.7		78.5		84.2
131#	-23250	-198000	96		22		27		79		5		3.3		51.7		151.2	
132#	-23500	-198000		13		16		62		86		1.5		2.6		118.7		164.6
133#	-23750	-198000	28		6		53		70		2.8		0.8		101.4		134	
134#	-24000	-198000		26		16		66		85		3.3		2.6		126.3		162.7
135#	-24250	-198000	55		33		38		72		4		4.5		72.7		137.8	
136#	-24500	-198000		35				46		56		3.1				88.1		107.2
137#	-24750	-198000	28		69		74		38		4		5		141.6		72.7	
138#	-25000	-198000		30				64				3.7				122.5		
139#	-25250	-198000	30		18		54		87		3.1		3		103.4		166.5	
140#	-25500	-198000		31		14		72		117		4.3		3.1		137.8		224
141#	-25750	-198000	34		20		47		96		3.1		3.7		90		183.8	
142#	-26000	-198000		20		61		70		26		2.7		3		134		49.8
143#	-26250	-198000	18				68		22		2.3				130.2		42.1	
144#	-26500	-198000		220		68		17		44		7.2		5.7		32.5		84.2
145#	-26750	-198000	95		200		19		31		3.5		11.9		36.4		59.3	
146#	-27000	-198000		53				38		33		3.9				72.7		63.2
147#	-27250	-198000	147		51		21		35		5.9		3.4		40.2		67	
148#	-27500	-198000		88		26		24		57		4		2.8		45.9		109.1
149#	-27750	-198000	290		41		7		41		3.9		3.2		13.4		78.5	
150#	-28000	-198000		91				12				2.1				23		
151#	-28250	-198000	95		105		21		20		3.8		4		40.2		38.3	
152#	-28500	-198000		31		180		35		18		2.1		6.2		67		34.5
153#	-28750	-198000	88		48		16		31		2.7		2.8		30.6		59.3	
154#	-29000	-198000		100		106		18		21		3.4		4.3		34.5		40.2

*****	*****	*****	*****	METAL	FACTOR	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	-29250	-198000	72		200		18		17		2.5		6.5		34.5		32.5		
156#	-29500	-198000		72				21		26		2.9				40.2		49.8	
157#	-29750	-198000	70		69		20		32		2.7		4.2		38.3		61.3		
158#	-30000	-198000		52		33		35		84		3.5		5.3		67		160.8	
159#	-30250	-198000	84		8		19		185		3.1		2.8		36.4		354.1		
160#	-30500	-198000		28		27		61		68		3.3		3.5		116.8		130.2	
161#	-30750	-198000	44		61		34		43		2.9		5		65.1		82.3		
162#	-31000	-198000		46				26				2.3				49.8			
163#	-31250	-198000	34		264		44		14		2.9		7.1		84.2		26.8		
164#	-31500	-198000		48				28		19		2.6				53.6		36.4	
165#	-31750	-198000	52		65		31		31		3.1		3.9		59.3		59.3		
166#	-32000	-198000		30		57		50		35		2.9		3.8		95.7		67	
167#	-32250	-198000	90		26		17		65		2.9		3.2		32.5		124.4		
168#	-32500	-198000		88		21		25		86		4.2		3.5		47.9		164.6	
169#	-32750	-198000	196		44		14		46		5.3		3.9		26.8		88.1		
170#	-33000	-198000		147		33		17		43		4.8		2.7		32.5		82.3	
171#	-33250	-198000	193		126		14		19		5.2		4.6		26.8		36.4		
172#	-33500	-198000		150				15		18		4.3				28.7		34.5	
173#	-33750	-198000	108		163		14		19		2.9		5.9		26.8		36.4		
174#	-34000	-198000		153				15				4.4				28.7			
175#	-34250	-198000	106				16				3.2				30.6				
176#	-34500	-198000																	
177#	-34750	-198000																	
178#	-35000	-198000								29								55.5	
179#	-35250	-198000			45				29				2.5				55.5		
180#	-35500	-198000		95		52		19		31		3.5		3.1		36.4		59.3	
181#	-35750	-198000	70		74		20		23		2.7		3.3		38.3		44		
182#	-36000	-198000		82		84		27		19		4.2		3.1		51.7		36.4	
183#	-36250	-198000	59		70		24		23		2.7		3.1		45.9		44		
184#	-36500	-198000		90		50		20		24		3.4		2.3		38.3		45.9	
185#	-36750	-198000	50		90		18		20		1.7		3.4		34.5		38.3		
186#	-37000	-198000		116				18				4				34.5			

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
187#	-37250	-198000	150		82		12		28		3.4		4.4		23		53.6	
188#	-37500	-198000		95		104		21		24		3.8		4.8		40.2		45.9
189#	-37750	-198000	85		147		13		17		2.1		4.8		24.9		32.5	
190#	-38000	-198000		140		71		10		34		2.7		4.6		19.1		65.1
191#	-38250	-198000	108		84		12		19		2.5		3.1		23		36.4	
192#	-38500	-198000		119		80		21		30		4.8		4.6		40.2		57.4
193#	-38750	-198000	67		103		24		30		3.1		5.9		45.9		57.4	
194#	-39000	-198000		41		101		37		24		2.9		4.6		70.8		45.9
195#	-39250	-198000	142		53		19		30		5.2		3		36.4		57.4	
196#	-39500	-198000		95		97		18		51		3.3		9.5		34.5		97.6
197#	-39750	-198000	132		93		19		30		4.8		5.3		36.4		57.4	
198#	-40000	-198000		61				38				4.4				72.7		
199#	-40250	-198000	58		54		31		43		3.4		4.4		59.3		82.3	
200#	-40500	-198000		40		46		40		52		3.1		4.6		76.6		99.5
201#	-40750	-198000	63		46		19		48		2.3		4.2		36.4		91.9	
202#	-41000	-198000		88		54		25		48		4.2		5		47.9		91.9
203#	-41250	-198000	44		68		27		28		2.3		3.6		51.7		53.6	
204#	-41500	-198000		44		82		27		22		2.3		3.5		51.7		42.1
205#	-41750	-198000	135		104		20		23		5.2		4.6		38.3		44	
206#	-42000	-198000		69				19		17		2.5				36.4		32.5
207#	-42250	-198000	92		114		25		14		4.4		3.1		47.9		26.8	
208#	-42500	-198000		73				29		24		4.1				55.5		45.9
209#	-42750	-198000	115		77		20		31		4.4		4.6		38.3		59.3	
210#	-43000	-198000		60				35				4				67		
211#	-43250	-198000	65		51		23		45		2.9		4.4		44		86.1	
212#	-43500	-198000		44		31		32		59		2.7		3.5		61.3		112.9
213#	-43750	-198000	110		44		20		45		4.2		3.8		38.3		86.1	
214#	-44000	-198000		42		62		31		26		2.5		3.1		59.3		49.8
215#	-44250	-198000	82		44		33		39		5.2		3.3		63.2		74.7	
216#	-44500	-198000		40		38		53		34		4.1		2.5		101.4		65.1
217#	-44750	-198000	62		44		37		48		4.4		4		70.8		91.9	
218#	-45000	-198000		39		59		39		59		2.9		6.7		74.7		112.9

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
219#	-45250	-198000	87		50		30		50		5		4.8		57.4		95.7	
220#	-45500	-198000		52		46		42		65		4.2		5.7		80.4		124.4
221#	-45750	-198000	90		36		23		56		4		3.9		44		107.2	
222#	-46000	-198000		64				33				4				63.2		
223#	-46250	-198000	96		62		25		34		4.6		4		47.9		65.1	
224#	-46500	-198000		47		35		32		49		2.9		3.3		61.3		93.8
225#	-46750	-198000	115		44		27		50		5.9		4.2		51.7		95.7	
226#	-47000	-198000		32		24		50		66		3.1		3		95.7		126.3
227#	-47250	-198000	33		21		48		72		3		2.9		91.9		137.8	
228#	-47500	-198000		27		18		70		78		3.6		2.7		134		149.3
229#	-47750	-198000	30		16		42		81		2.4		2.5		80.4		155	
230#	-48000	-198000		29		16		43		89		2.4		2.7		82.3		170.4
231#	-48250	-198000	26		17		38		44		1.9		1.4		72.7		84.2	
232#	-48500	-198000		12		5		43		54		1		0.5		82.3		103.4
233#	-48750	-198000	31		10		32		51		1.9		1		61.3		97.6	
234#	-49000	-198000		12				43				1				82.3		
235#	-49250	-198000	9		15		28		33		0.5		0.9		53.6		63.2	
236#	-49500	-198000		48		13		42		77		3.9		1.9		80.4		147.4
237#	-49750	-198000	23		27		32		55		1.4		2.8		61.3		105.3	
238#	-50000	-198000		27		14		47		110		2.4		2.9		90		210.6
239#	-50250	-198000	16		16		31		94		0.9		2.9		59.3		179.9	
240#	-50500	-198000		14		19		73		104		2		3.8		139.7		199.1
241#	-50750	-198000	68		17		37		89		4.8		2.9		70.8		170.4	
242#	-51000	-198000		35		32		58		63		3.9		3.9		111		120.6
243#	-51250	-198000	39		21		51		48		3.8		1.9		97.6		91.9	
244#	-51500	-198000		58		52		43		28		4.8		2.8		82.3		53.6
245#	-51750	-198000	31		58		65		26		3.9		2.9		124.4		49.8	
246#	-52000	-198000		32				49				3				93.8		
247#	-52250	-198000	56		70		36		32		3.9		4.3		68.9		61.3	
248#	-52500	-198000		93		24		27		84		4.8		3.9		51.7		160.8
249#	-52750	-198000	53		20		19		74		1.9		2.8		36.4		141.6	
250#	-53000	-198000		28		32		53		62		2.8		3.8		101.4		118.7

[illegible]

SOUTH REGIONAL 2020S 500 FEET ??-
 IP W-165E LENGTH FEET
 GEOCHEMISTRY
 ALONG LINE STATIONS INCREASE WEST
 TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	16500	-202000				27				100				5.2				191.4
2#	16750	-202000			45				56				4.8				107.2	
3#	16000	-202000		43		20		58		86		4.8		3.3		111		164.6
4#	15750	-202000	66		28		34		89		4.3		4.8		65.1		170.4	
5#	15500	-202000		36		27		58		73		4		3.8		111		139.7
6#	15250	-202000	13		49		41		51		1		4.8		78.5		97.6	
7#	15500	-202000		44		22		40		81		3.4		3.4		76.6		155
8#	14750	-202000	103		29		17		69		3.4		3.8		32.5		132.1	
9#	14500	-202000		56				31				3.3				59.3		
10#	14250	-202000	26		47		49		43		2.4		3.9		93.8		82.3	
11#	14000	-202000		22		49		67		41		2.8		3.8		128.2		78.5
12#	13750	-202000	30		21		33		70		1.9		2.8		63.2		134	
13#	13500	-202000		33		30		38		76		2.4		4.4		72.7		145.5
14#	13250	-202000	37		44		34		45		2.4		3.8		65.1		86.1	
15#	13000	-202000		50		44		40		51		3.8		4.3		76.6		97.6
16#	12750	-202000	143		63		21		48		5.7		5.8		40.2		91.9	
17#	12500	-202000		83		43		30		47		4.8		3.9		57.4		90
18#	12250	-202000	100		73		25		31		4.8		4.3		47.9		59.3	
19#	12000	-202000		62		59		28		38		3.3		4.3		53.6		72.7
20#	11750	-202000	48		51		21		34		1.9		3.3		40.2		65.1	
21#	11500	-202000		52				29				2.9				55.5		
22#	11250	-202000	62		36		20		35		2.4		2.4		38.3		67	
23#	11000	-202000		34		37		29		41		1.9		2.9		55.5		78.5
24#	10750	-202000	62		27		16		37		1.9		1.9		30.6		70.8	
25#	10500	-202000		31		25		24		40		1.4		1.9		45.9		76.6
26#	10250	-202000	76		36		99		28		14.4		1.9		189.5		53.6	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	10000	-202000		36		13		21		55		1.4		1.4		40.2		105.3
28#	9750	-202000	53		37		14		41		1.4		2.9		26.8		78.5	
29#	9500	-202000		39		28		32		29		2.4		1.6		61.3		55.5
30#	9250	-202000	66		76		19		23		2.4		3.3		36.4		44	
31#	9000	-202000		100		35		15		43		2.9		2.9		28.7		82.3
32#	8750	-202000	83		50		12		30		1.9		2.9		23		57.4	
33#	8500	-202000		65				23				2.9				44		
34#	8250	-202000	46		30		27		50		2.4		2.9		51.7		95.7	
35#	8000	-202000		31		29		56		61		3.3		3.4		107.2		116.8
36#	7750	-202000	63		19		24		79		2.9		2.9		45.9		151.2	
37#	7500	-202000		33		24		38		82		2.4		3.8		72.7		157
38#	7250	-202000	44		33		34		45		2.9		2.8		65.1		86.1	
39#	7000	-202000		24		24		53		74		2.4		3.4		101.4		141.6
40#	6750	-202000	27		20		47		98		2.4		3.8		90		187.6	
41#	6500	-202000		20		36		100		69		3.8		4.8		191.4		132.1
42#	6250	-202000	30		27		50		82		2.9		4.2		95.7		157	
43#	6000	-202000		29		27		51		73		2.8		3.8		97.6		139.7
44#	5750	-202000	60		36		25		49		2.9		3.4		47.9		93.8	
45#	5500	-202000		57				22				2.4				42.1		
46#	5250	-202000	27		37		37		34		1.9		2.4		70.8		65.1	
47#	5000	-202000		22		17		46		88		1.9		2.9		88.1		168.4
48#	4750	-202000	30		13		25		96		1.4		2.4		47.9		183.8	
49#	4500	-202000		20		19		75		103		2.9		3.7		143.6		197.2
50#	4250	-202000	29		25		51		60		2.8		2.9		97.6		114.8	
51#	4000	-202000		25		19		50		92		2.4		3.3		95.7		176.1
52#	3750	-202000	32		23		39		85		2.4		3.7		74.7		162.7	
53#	3500	-202000		19		27		80		66		2.9		3.4		153.1		126.3
54#	3250	-202000	11		22		93		69		2		2.9		178		132.1	
55#	3000	-202000		10		18		99		99		1.9		3.4		189.5		189.5
56#	2750	-202000	20		11		76		161		2.9		3.4		145.5		308.2	
57#	2500	-202000		67				149				19.1				285.2		
58#	2250	-202000	7		4		179		440		2.4		3.4		342.6		842.2	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	2000	-202000		39		9.5		384		184		28.7		3.3		735		352.2
60#	1750	-202000	25		9.3		20		108		1		1.9		38.3		206.7	
61#	1500	-202000		7		2.9		107		258		1.4		1.4		204.8		493.8
62#	1250	-202000	9.7		4.3		77		174		1.4		1.4		147.4		333.1	
63#	1000	-202000		8.8		4.9		143		205		2.4		1.9		273.7		392.4
64#	750	-202000	11		6.5		109		192		2.3		2.4		208.6		367.5	
65#	500	-202000		7.2		5		173		250		2.4		2.4		331.1		478.5
66#	250	-202000	4.5		4.4		111		226		1		1.9		212.5		432.6	
67#	0	-202000		14		6.5		184		192		4.9		2.4		352.2		367.5
68#	-250	-202000	7.5		4.5		167		169		2.4		1.5		319.7		323.5	
69#	-500	-202000		11				159				3.3				304.3		
70#	-750	-202000	15		9.5		130		177		3.7		3.2		248.8		338.8	
71#	-1000	-202000		7.6		7.9		165		190		2.4		2.9		315.8		363.7
72#	-1250	-202000	14		6.8		87		183		2.3		2.4		166.5		350.3	
73#	-1500	-202000		9.8		4.5		127		224		2.4		1.9		243.1		428.8
74#	-1750	-202000	17		5.8		74		174		2.4		1.9		141.6		333.1	
75#	-2000	-202000		4.4		4.1		113		246		1		1.9		216.3		470.9
76#	-2250	-202000	9		7.3		83		172		1.4		2.4		158.9		329.2	
77#	-2500	-202000		7		7.5		142		200		1.9		2.9		271.8		382.8
78#	-2750	-202000	5.9		19		127		167		1.4		6.1		243.1		319.7	
79#	-3000	-202000		10		8.7		149		172		2.9		2.9		285.2		329.2
80#	-3250	-202000	2.3		20		111		150		0.5		5.7		212.5		287.1	
81#	-3500	-202000		11				113				2.4				216.3		
82#	-3750	-202000	26		15		97		132		4.8		3.8		185.7		252.7	
83#	-4000	-202000		2		10		121		146		0.5		2.8		231.6		279.5
84#	-4250	-202000	13		7		94		144		2.3		1.9		179.9		275.6	
85#	-4500	-202000		12		19		130		116		3		4.2		248.8		222
86#	-4750	-202000	18		10		98		122		3.4		2.3		187.6		233.5	
87#	-5000	-202000		14		9.2		104		163		2.8		2.9		199.1		312
88#	-5250	-202000	31		8.2		90		152		5.3		2.4		172.3		290.9	
89#	-5500	-202000		9.4		9.7		133		155		2.4		2.9		254.6		296.7
90#	-5750	-202000	16		13		78		139		2.4		3.5		149.3		266.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	-6000	-202000		23		5.4		87		278		3.8		2.9		166.5		532.1
92#	-6250	-202000	30		9.6		67		183		3.8		3.4		128.2		350.3	
93#	-6500	-202000		11				132				2.8				252.7		
94#	-6750	-202000	16		16		153		159		4.7		4.9		292.9		304.3	
95#	-7000	-202000		6.8		11		220		135		2.9		2.8		421.1		258.4
96#	-7250	-202000	8.6		2.5		262		195		4.3		0.9		501.5		373.3	
97#	-7500	-202000		11		7.4		207		204		4.4		2.9		396.2		390.5
98#	-7750	-202000	5.3		9.8		570		205		5.8		3.8		1091.1		392.4	
99#	-8000	-202000		6.1		8		408		252		4.8		3.9		781		482.4
100#	-8250	-202000	7.3		6.9		304		328		4.2		4.3		581.9		627.8	
101#	-8500	-202000		7.8		74		258		272		3.9		38.5		493.8		520.6
102#	-8750	-202000	2.8		13		177		192		0.9		4.8		338.8		367.5	
103#	-9000	-202000		19		24		108		313		3.9		14.4		206.7		599.1
104#	-9250	-202000	21		12		70		169		2.8		3.9		134		323.5	
105#	-9500	-202000		24				103				4.7				197.2		
106#	-9750	-202000	8.4		11		61		158		1		3.3		116.8		302.4	
107#	-10000	-202000		19		58		92		217		3.3		24.1		176.1		415.4
108#	-10250	-202000	18		17		95		130		3.3		4.2		181.8		248.8	
109#	-10500	-202000		15		13		114		130		3.3		3.2		218.2		248.8
110#	-10750	-202000	25		13		90		119		4.3		3		172.3		227.8	
111#	-11000	-202000		21		17		105		102		4.2		3.3		201		195.2
112#	-11250	-202000	36		21		77		108		5.3		4.3		147.4		206.7	
113#	-11500	-202000		24		15		95		137		4.4		3.9		181.8		262.2
114#	-11750	-202000	19		15		80		145		2.9		4.2		153.1		277.6	
115#	-12000	-202000		9.9		22		152		150		2.9		6.3		290.9		287.1
116#	-12250	-202000	99		14		127		177		24.1		4.7		243.1		338.8	
117#	-12500	-202000		12				164				3.8				313.9		
118#	-12750	-202000	8.5		7.7		118		294		1.9		4.3		225.9		562.8	
119#	-13000	-202000		8		8		250		282		3.8		4.3		478.5		539.8
120#	-13250	-202000	77		82		162		244		23.9		38.3		310.1		467.1	
121#	-13500	-202000		8.2		10		183		202		2.9		3.9		350.3		386.7
122#	-13750	-202000	10		7.7		144		162		2.8		2.4		275.6		310.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	-14000	-202000		16		14		140		108		4.3		2.9		268		206.7
124#	-14250	-202000	12		12		126		104		2.9		2.4		241.2		199.1	
125#	-14500	-202000		19		15		103		167		3.7		4.8		197.2		319.7
126#	-14750	-202000	15		11		115		175		3.3		3.7		220.1		335	
127#	-15000	-202000		23		12		175		314		7.7		7.2		335		601
128#	-15250	-202000	15		12		117		302		3.4		6.9		224		578.1	
129#	-15500	-202000		12				214				4.9				409.6		
130#	-15750	-202000	27		15		94		145		4.9		4.2		179.9		277.6	
131#	-16000	-202000		31		6		64		195		3.8		2.2		122.5		373.3
132#	-16250	-202000	43		15		82		132		6.7		3.8		157		252.7	
133#	-16500	-202000		18		14		171		230		5.9		6.2		327.3		440.3
134#	-16750	-202000	16		14		232		275		7.1		7.4		444.1		526.4	
135#	-17000	-202000		89		20		365		230		62.2		8.8		698.7		440.3
136#	-17250	-202000	23		7.9		118		317		5.2		4.8		225.9		606.8	
137#	-17500	-202000		28		14		118		175		6.3		4.7		225.9		335
138#	-17750	-202000	17		19		132		77		4.3		2.8		252.7		147.4	
139#	-18000	-202000		13		19		93		107		2.3		3.9		178		204.8
140#	-18250	-202000	39		12		71		142		5.3		3.3		135.9		271.8	
141#	-18500	-202000		16				123				3.8				235.4		
142#	-18750	-202000	19		17		79		135		2.9		4.4		151.2		258.4	
143#	-19000	-202000		23		16		96		138		4.2		4.2		183.8		264.2
144#	-19250	-202000	56		18		36		111		3.9		3.8		68.9		212.5	
145#	-19500	-202000		43		31		52		80		4.3		4.7		99.5		153.1
146#	-19750	-202000	25		66		61		38		2.9		4.8		116.8		72.7	
147#	-20000	-202000		33		20		38		61		2.4		2.3		72.7		116.8
148#	-20250	-202000	38		21		26		73		1.9		2.9		49.8		139.7	
149#	-20500	-202000		87		14		43		157		7.2		4.2		82.3		300.5
150#	-20750	-202000	80		19		22		93		3.4		3.4		42.1		178	
151#	-21000	-202000		5.4		13		46		133		0.5		3.3		88.1		254.6
152#	-21250	-202000	17		14		30		70		1		1.9		57.4		134	
153#	-21500	-202000		22				46				1.9				88.1		
154#	-21750	-202000	25		6.6		30		76		1.4		1		57.4		145.5	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	-22000	-202000		17		10		59		96		1.9		1.8		112.9		183.8
156#	-22250	-202000	18		12		82		81		2.8		1.9		157		155	
157#	-22500	-202000		13		24		135		85		3.4		3.9		258.4		162.7
158#	-22750	-202000	7.3		69		138		146		1.9		19.3		264.2		279.5	
159#	-23000	-202000		5.8		54		173		42		1.9		4.3		331.1		80.4
160#	-23250	-202000	9		37		194		54		3.3		3.8		371.3		103.4	
161#	-23500	-202000		7		19		72		92		1		3.3		137.8		176.1
162#	-23750	-202000	52		23		43		122		4.3		5.4		82.3		233.5	
163#	-24000	-202000		19		33		93		120		3.4		7.6		178		229.7
164#	-24250	-202000			22		61		163				6.9		116.8		312	
165#	-24500	-202000		28				71				3.8				135.9		
166#	-24750	-202000	92		17		19		148		3.3		4.8		36.4		283.3	
167#	-25000	-202000		75		12		39		212		5.6		4.9		74.7		405.8
168#	-25250	-202000	34		44		59		57		3.8		4.8		112.9		109.1	
169#	-25500	-202000		21				97		50		3.9				185.7		95.7
170#	-25750	-202000	23		6		64		83		2.8		1		122.5		158.9	
171#	-26000	-202000		7.6		23		66		65		1		2.9		126.3		124.4
172#	-26250	-202000	6.5		81		77		55		1		8.5		147.4		105.3	
173#	-26500	-202000		15		8.5		83		118		2.4		1.9		158.9		225.9
174#	-26750	-202000			5.4		71		185				1.9		135.9		354.1	
175#	-27000	-202000		4.3		4.9		174		153		1.4		1.4		333.1		292.9
176#	-27250	-202000	75				101		176		14.5				193.3		336.9	
177#	-27500	-202000		8				125				1.9				239.3		
178#	-27750	-202000	19		24		53		94		1.9		4.3		101.4		179.9	
179#	-28000	-202000		41		18		37		136		2.9		4.7		70.8		260.3
180#	-28250	-202000	83		26		30		57		4.8		2.8		57.4		109.1	
181#	-28500	-202000		39		13		51		76		3.8		1.9		97.6		145.5
182#	-28750	-202000	59		28		34		71		3.8		3.8		65.1		135.9	
183#	-29000	-202000		26		17		57		145		2.8		4.7		109.1		277.6
184#	-29250	-202000	26		15		39		132		1.9		3.8		74.7		252.7	
185#	-29500	-202000		36		27		97		122		6.7		6.3		185.7		233.5
186#	-29750	-202000	13		39		112		83		2.8		6.2		214.4		158.9	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
187#	-30000	-202000		32		72		102		45		6.2		6.2		195.2		86.1
188#	-30250	-202000	40		55		75		55		5.7		5.8		143.6		105.3	
189#	-30500	-202000		60				46				5.3				88.1		
190#	-30750	-202000	58		42		43		42		4.8		3.4		82.3		80.4	
191#	-31000	-202000		38		48		46		42		3.3		3.9		88.1		80.4
192#	-31250	-202000	66		30		66		51		8.3		2.9		126.3		97.6	
193#	-31500	-202000		37		43		37		70		2.6		5.8		70.8		134
194#	-31750	-202000	44		51		23		59		1.9		5.8		44		112.9	
195#	-32000	-202000		38		62		33		60		2.4		7.1		63.2		114.8
196#	-32250	-202000	68		86		22		35		2.9		5.8		42.1		67	
197#	-32500	-202000		63		48		28		43		3.4		4		53.6		82.3
198#	-32750	-202000	100		64		15		39		2.9		4.8		28.7		74.7	
199#	-33000	-202000		87		68		23		44		3.8		5.7		44		84.2
200#	-33250	-202000	60		80		25		28		2.9		4.3		47.9		53.6	
201#	-33500	-202000		64				35				4.3				67		
202#	-33750	-202000	50		52		25		53		2.4		5.3		47.9		101.4	
203#	-34000	-202000		68		44		37		62		4.8		5.2		70.8		118.7
204#	-34250	-202000	96		67		26		45		4.8		5.8		49.8		86.1	
205#	-34500	-202000		86		69		35		51		5.8		6.7		67		97.6
206#	-34750	-202000	90		75		25		40		4.3		5.7		47.9		76.6	
207#	-35000	-202000				47		30		53				4.8		57.4		101.4
208#	-35250	-202000			50		28		45				4.3		53.6		86.1	
209#	-35500	-202000						49		57						93.8		109.1
210#	-35750	-202000					42		70						80.4		134	
211#	-36000	-202000		19				65				2.4				124.4		
212#	-36250	-202000					61		34						116.8		65.1	
213#	-36500	-202000		6.7				38				0.5				72.7		
214#	-36750	-202000	75		31		20		40		2.9		2.4		38.3		76.6	
215#	-37000	-202000						27								51.7		
216#	-37250	-202000	19		7.8		26		32		0.9		0.5		49.8		61.3	
217#	-37500	-202000		55				34				3.6				65.1		
218#	-37750	-202000	100				10				1.9				19.1			

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
219#	-38000	-202000		125				14				3.3				26.8		
220#	-38250	-202000	146				12				3.4				23			
221#	-38500	-202000		250				10				4.8				19.1		
222#	-38750	-202000	278				9		9		4.8				17.2		17.2	
223#	-39000	-202000		125				16				3.8				30.6		
224#	-39250	-202000	125					16	13		3.8				30.6		24.9	
225#	-39500	-202000		232				14				6.2				26.8		
226#	-39750	-202000	227		136		18		22		7.8		5.7		34.5		42.1	
227#	-40000	-202000		197				19				7.2				36.4		
228#	-40250	-202000	13				19		24		0.5				36.4		45.9	
229#	-40500	-202000		192				13				4.8				24.9		
230#	-40750	-202000	200		89		10		28		3.8		4.8		19.1		53.6	
231#	-41000	-202000		95				21				3.8				40.2		
232#	-41250	-202000	88		70		17		25		2.9		3.3		32.5		47.9	
233#	-41500	-202000		73		100		24		25		3.4		4.8		45.9		47.9
234#	-41750	-202000	91		87		11		26		1.9		4.3		21.1		49.8	
235#	-42000	-202000		89		68		14		37		2.4		4.8		26.8		70.8
236#	-42250	-202000	79		100		19		20		2.9		3.8		36.4		38.3	
237#	-42500	-202000		52				29				2.9				55.5		
238#	-42750	-202000	23		83		22		36		1		5.7		42.1		68.9	
239#	-43000	-202000				56		29		45				4.8		55.5		86.1
240#	-43250	-202000	68		42		22		36		2.9		2.9		42.1		68.9	
241#	-43500	-202000		32		47		31		37		1.9		3.3		59.3		70.8
242#	-43750	-202000	37		42		27		43		1.9		3.5		51.7		82.3	
243#	-44000	-202000		32		45		47		45		2.9		3.9		90		86.1
244#	-44250	-202000	37		46		34		38		2.4		3.3		65.1		72.7	
245#	-44500	-202000		23		37		43		67		1.9		4.7		82.3		128.2
246#	-44750	-202000	59		33		30		60		3.4		3.8		57.4		114.8	
247#	-45000	-202000		17		43		43		88		1.4		7.2		82.3		168.4
248#	-45250	-202000	81		20		31		75		4.8		2.9		59.3		143.6	
249#	-45500	-202000		13				57				1.4				109.1		
250#	-45750	-202000	12		25		60		61		1.4		2.9		114.8		116.8	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP. N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
251#	-46000	-202000		17		90		58		51		1.9		8.8		111		97.6
252#	-46250	-202000	31		30		48		50		2.8		2.9		91.9		95.7	
253#	-46500	-202000		39		78		51		411		3.8		61.4		97.6		786.7
254#	-46750	-202000	74		7.3		34		449		4.8		6.3		65.1		859.5	
255#	-47000	-202000		11		37		156		68		3.3		4.8		298.6		130.2
256#	-47250	-202000	18		37		84		75		2.9		5.3		160.8		143.6	
257#	-47500	-202000		23		30		161		67		7.1		3.8		308.2		128.2
258#	-47750	-202000	16		5.5		47		227		1.4		2.4		90		434.5	
259#	-48000	-202000		53		11		91		234		9.2		4.9		174.2		447.9
260#	-48250	-202000	18		15		28		101		1		2.9		53.6		193.3	
261#	-48500	-202000		25				40				1.9				76.6		
262#	-48750	-202000	29				35		52		1.9				67		99.5	
263#	-49000	-202000				11		46		47				1		88.1		90
264#	-49250	-202000			26		29		39				1.9		55.5		74.7	
265#	-49500	-202000				18		24		68				2.3		45.9		130.2
266#	-49750	-202000			19		13		39				1.4		24.9		74.7	
267#	-50000	-202000		57		28		22		45		2.4		2.4		42.1		86.1
268#	-50250	-202000	44		28		17		27		1.4		1.4		32.5		51.7	
269#	-50500	-202000		45		24		22		53		1.9		2.4		42.1		101.4
270#	-50750	-202000	100		26		10		48		1.9		2.4		19.1		91.9	
271#	-51000	-202000		60		49		25		5		2.9		0.5		47.9		9.6
272#	-51250	-202000	103		61		17		33		3.4		3.9		32.5		63.2	
273#	-51500	-202000		74				27				3.8				51.7		
274#	-51750	-202000	107		56		14		27		2.9		2.9		26.8		51.7	
275#	-52000	-202000		117		83		17		27		3.8		4.3		32.5		51.7
276#	-52250	-202000	74		132		17		17		2.4		4.3		32.5		32.5	
277#	-52500	-202000		97		55		18		32		3.3		3.4		34.5		61.3
278#	-52750	-202000	83		58		13		30		2.1		3.3		24.9		57.4	
279#	-53000	-202000		62		60		24		29		2.8		3.3		45.9		55.5
280#	-53250	-202000	42		111		24		18		1.9		3.8		45.9		34.5	
281#	-53500	-202000		66		75		19		30		2.4		4.3		36.4		57.4
282#	-53750	-202000	100		43		10		35		1.9		2.9		19.1		67	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
283#	-54000	-202000		60		24		21		63		2.4		2.9		40.2		120.6
284#	-54250	-202000	74		40		17		44		2.4		3.4		32.5		84.2	
285#	-54500	-202000		46				44				3.9				84.2		
286#	-54750	-202000	47		40		16		50		1.4		3.8		30.6		95.7	
287#	-55000	-202000		65		34		23		74		2.9		4.8		44		141.6
288#	-55250	-202000	50		56		15		34		1.4		3.6		28.7		65.1	
289#	-55500	-202000		65		44		27		46		3.4		3.9		51.7		88.1
290#	-55750	-202000	70		49		18		46		2.4		4.3		34.5		88.1	
291#	-56000	-202000		49		40		36		57		3.4		4.4		68.9		109.1
292#	-56250	-202000	125		40		16		50		3.8		3.8		30.6		95.7	
293#	-56500	-202000		87		60		26		46		4.3		5.3		49.8		88.1
294#	-56750	-202000	63		87		16		26		1.9		4.3		30.6		49.8	
295#	-57000	-202000		75		64		20		35		2.9		4.3		38.3		67
296#	-57250	-202000	167		50		12		30		3.8		2.9		23		57.4	
297#	-57500	-202000		76				23				3.3				44		
298#	-57750	-202000	167		51		12		44		3.8		4.3		23		84.2	
299#	-58000	-202000		87		41		26		45		4.3		3.5		49.8		86.1
300#	-58250	-202000	117		78		15		29		3.4		4.3		28.7		55.5	
301#	-58500	-202000		94		42		16		42		2.9		3.4		30.6		80.4
302#	-58750	-202000	117		60		17		25		3.8		2.9		32.5		47.9	
303#	-59000	-202000		80		50		25		35		3.8		3.3		47.9		67
304#	-59250	-202000	60		61		25		37		2.9		4.3		47.9		70.8	
305#	-59500	-202000		53		44		38		46		3.9		3.9		72.7		88.1
306#	-59750	-202000	63		41		20		56		2.4		4.4		38.3		107.2	
307#	-60000	-202000		52		51		34		39		3.4		3.8		65.1		74.7
308#	-60250	-202000	44		60		34		25		2.9		2.9		65.1		47.9	
309#	-60500	-202000		87				26				4.3				49.8		
310#	-60750	-202000	97		39		18		32		3.3		2.4		34.5		61.3	
311#	-61000	-202000		55		56		27		36		2.8		3.9		51.7		68.9
312#	-61250	-202000	94		78		16		32		2.9		4.8		30.6		61.3	
313#	-61500	-202000		76		37		23		54		3.3		3.8		44		103.4
314#	-61750	-202000	154		69		13		40		3.8		5.3		24.9		76.6	

[illegible]

SOUTH REGIONAL 2060S 500 FEET ??-
 IP 490W-150E LENGTH 64000 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST
 TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	15000	-206000				12				61				1.4				116.8
2#	14750	-206000			13				39				1				74.7	
3#	14500	-206000		26		38		29		13		1.4		0.9		55.5		24.9
4#	14250	-206000	23		27		33		37		1.5		1.9		63.2		70.8	
5#	14000	-206000		5		44		55		17		0.5		1.4		105.3		32.5
6#	13750	-206000	15		46		49		27		1.4		2.4		93.8		51.7	
7#	13500	-206000		26		26		29		39		1.4		1.9		55.5		74.7
8#	13250	-206000	40		10		19		48		1.5		0.9		36.4		91.9	
9#	13000	-206000		12				42				1				80.4		
10#	12750	-206000	27		6		28		89		1.4		1		53.6		170.4	
11#	12500	-206000		4		9		58		58		0.4		1		111		111
12#	12250	-206000	12		14		21		54		0.5		1.4		40.2		103.4	
13#	12000	-206000		11		13		23		78		0.5		1.9		44		149.3
14#	11750	-206000	12		38		21		33		0.5		2.4		40.2		63.2	
15#	11500	-206000		27		12		37		61		1.9		1.4		70.8		116.8
16#	11250	-206000	45		11		28		70		2.4		1.5		53.6		134	
17#	11000	-206000		16		18		62		70		1.9		2.4		118.7		134
18#	10750	-206000	37		22		27		70		1.9		2.9		51.7		134	
19#	10500	-206000		30		12		33		104		1.9		2.4		63.2		199.1
20#	10250	-206000	22		22		34		56		1.4		2.4		65.1		107.2	
21#	10000	-206000		21				60				2.4				114.8		
22#	9750	-206000	15		22		66		56		1.9		2.4		126.3		107.2	
23#	9500	-206000		15		14		57		72		1.6		1.9		109.1		137.8
24#	9250	-206000	42		8		42		157		3.4		2.4		80.4		300.5	
25#	9000	-206000		25		15		60		66		2.9		1.9		114.8		126.3
26#	8750	-206000	13		36		77		48		1.9		3.3		147.4		91.9	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	8500	-206000		27		43		65		35		3.4		2.9		124.4		67
28#	8250	-206000	16		31		61		48		1.9		2.8		116.8		91.9	
29#	8000	-206000		27		20		47		76		2.4		2.9		90		145.5
30#	7750	-206000	36		16		28		80		1.9		2.5		53.6		153.1	
31#	7500	-206000		17		15		58		102		1.9		2.9		111		195.2
32#	7250	-206000	66		17		19		89		2.4		2.9		36.4		170.4	
33#	7000	-206000		34				37				2.4				70.8		
34#	6750	-206000	48		28		21		36		1.9		1.9		40.2		68.9	
35#	6500	-206000		21		31		24		41		1		2.4		45.9		78.5
36#	6250	-206000	46		36		22		28		1.9		1.9		42.1		53.6	
37#	6000	-206000		31		33		32		46		1.9		2.9		61.3		88.1
38#	5750	-206000	44		27		23		56		1.9		2.9		44		107.2	
39#	5500	-206000		31		32		49		39		2.9		2.4		93.8		74.7
40#	5250	-206000	31		36		24		35		1.4		2.4		45.9		67	
41#	5000	-206000		54		43		23		35		2.4		2.9		44		67
42#	4750	-206000	83		30		12		25		1.9		1.4		23		47.9	
43#	4500	-206000		36		12		14		85		1		2		26.8		162.7
44#	4250	-206000	15		26		17		40		0.5		2		32.5		76.6	
45#	4000	-206000		14				53				1.4				101.4		
46#	3750	-206000	66		12		19		84		2.4		1.9		36.4		160.8	
47#	3500	-206000		19		14		40		35		1.5		0.9		76.6		67
48#	3250	-206000	22		56		23		18		1		1.9		44		34.5	
49#	3000	-206000		38		11		13		22		0.9		0.5		24.9		42.1
50#	2750	-206000	26		42		19		18		0.9		1.4		36.4		34.5	
51#	2500	-206000		20		29		38		26		1.5		1.4		72.7		49.8
52#	2250	-206000	62		12		20		63		2.4		1.4		38.3		120.6	
53#	2000	-206000		23		125		43		10		1.9		2.4		82.3		19.1
54#	1750	-206000	54		14		14		71		1.4		1.9		26.8		135.9	
55#	1500	-206000		42		11		24		114		1.9		2.4		45.9		218.2
56#	1250	-206000	50		26		15		38		1.4		1.9		28.7		72.7	
57#	1000	-206000		34				29				1.9				55.5		
58#	750	-206000	44		25		23		30		1.9		1.4		44		57.4	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	500	-206000		38		42		26		30		1.9		2.4		49.8		57.4
60#	250	-206000	50		36		30		28		2.9		1.9		57.4		53.6	
61#	0	-206000		33		32		38		39		2.4		2.4		72.7		74.7
62#	-250	-206000	28		23		44		55		2.4		2.4		84.2		105.3	
63#	-500	-206000		10		11		73		92		1.4		1.9		139.7		176.1
64#	-750	-206000	21		9		48		140		1.9		2.4		91.9		268	
65#	-1000	-206000		17		8		101		166		3.3		2.5		193.3		317.7
66#	-1250	-206000	30		11		41		140		2.4		2.9		78.5		268	
67#	-1500	-206000		27		13		66		139		3.4		3.5		126.3		266.1
68#	-1750	-206000	12		22		65		79		1.5		3.3		124.4		151.2	
69#	-2000	-206000		16				80				2.5				153.1		
70#	-2250	-206000	17		14		75		90		2.4		2.4		143.6		172.3	
71#	-2500	-206000		13		13		94		115		2.3		2.9		179.9		220.1
72#	-2750	-206000	20		9		62		136		2.4		2.3		118.7		260.3	
73#	-3000	-206000		16		10		96		152		2.9		2.9		183.8		290.9
74#	-3250	-206000	28		10		54		124		2.9		2.4		103.4		237.4	
75#	-3500	-206000		18		9		71		137		2.4		2.4		135.9		262.2
76#	-3750	-206000	16		14		63		88		1.9		2.4		120.6		168.4	
77#	-4000	-206000		18		13		69		139		2.4		3.5		132.1		266.1
78#	-4250	-206000	12		13		63		117		1.4		2.9		120.6		224	
79#	-4500	-206000		13		8		112		147		2.8		2.3		214.4		281.4
80#	-4750	-206000	13		9		76		156		1.9		2.7		145.5		298.6	
81#	-5000	-206000		9				113				1.9				216.3		
82#	-5250	-206000	10		6		79		122		1.5		1.4		151.2		233.5	
83#	-5500	-206000		8		6		90		117		1.4		1.3		172.3		224
84#	-5750	-206000	12		8		108		98		2.5		1.5		206.7		187.6	
85#	-6000	-206000		9		15		117		112		2		3.2		224		214.4
86#	-6250	-206000	5		10		94		153		0.9		2.9		179.9		292.9	
87#	-6500	-206000		11		10		131		167		2.8		3.2		250.8		319.7
88#	-6750	-206000	14		14		92		165		2.5		4.4		176.1		315.8	
89#	-7000	-206000		9		10		136		203		2.3		3.9		260.3		388.6
90#	-7250	-206000	11		9		88		174		1.9		3		168.4		333.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	-7500	-206000		11		9		137		221		2.9		3.8		262.2		423
92#	-7750	-206000	9		13		109		175		1.9		4.4		208.6		335	
93#	-8000	-206000		9				164				2.8				313.9		
94#	-8250	-206000	9		10		139		198		2.4		3.8		266.1		379	
95#	-8500	-206000		11		12		184		190		3.9		4.4		352.2		363.7
96#	-8750	-206000	10		14		153		173		2.9		4.6		292.9		331.1	
97#	-9000	-206000		17		19		150		117		4.9		4.3		287.1		224
98#	-9250	-206000	15		28		115		108		3.3		5.8		220.1		206.7	
99#	-9500	-206000		26		22		86		127		4.3		5.3		164.6		243.1
100#	-9750	-206000	33		24		53		103		3.3		4.7		101.4		197.2	
101#	-10000	-206000		24		28		72		88		3.3		4.7		137.8		168.4
102#	-10250	-206000	26		36		58		69		2.9		4.8		111		132.1	
103#	-10500	-206000		37		21		55		118		3.9		4.7		105.3		225.9
104#	-10750	-206000	24		27		52		93		2.4		4.8		99.5		178	
105#	-11000	-206000		23				77				3.4				147.4		
106#	-11250	-206000	18		24		57		82		2		3.8		109.1		157	
107#	-11500	-206000		31		22		65		93		3.9		3.9		124.4		178
108#	-11750	-206000	24		23		62		86		2.8		3.8		118.7		164.6	
109#	-12000	-206000		21		19		85		105		3.4		3.8		162.7		201
110#	-12250	-206000	12		18		108		100		2.5		3.4		206.7		191.4	
111#	-12500	-206000		13		15		136		115		3.4		3.3		260.3		220.1
112#	-12750	-206000	19		18		78		110		2.8		3.8		149.3		210.6	
113#	-13000	-206000		22		15		67		117		2.8		3.4		128.2		224
114#	-13250	-206000	29		22		51		80		2.8		3.4		97.6		153.1	
115#	-13500	-206000		24		15		63		117		2.9		3.4		120.6		224
116#	-13750	-206000	27		14		55		105		2.8		2.8		105.3		201	
117#	-14000	-206000		17				88				2.9				168.4		
118#	-14250	-206000	21		11		71		109		2.9		2.3		135.9		208.6	
119#	-14500	-206000		18		5		95		268		3.3		2.6		181.8		513
120#	-14750	-206000	15		5		61		240		1.8		2.3		116.8		459.4	
121#	-15000	-206000		6		13		200		160		2.3		4		382.8		306.3
122#	-15250	-206000	7		16		115		142		1.5		4.3		220.1		271.8	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	-15500	-206000		15		14		103		160		3		4.3		197.2		306.3
124#	-15750	-206000	33		16		53		142		3.3		4.3		101.4		271.8	
125#	-16000	-206000		25		14		80		162		3.8		4.3		153.1		310.1
126#	-16250	-206000	14		16		122		107		3.3		3.3		233.5		204.8	
127#	-16500	-206000		12		16		183		109		4.2		3.3		350.3		208.6
128#	-16750	-206000	20		8		75		207		2.9		3.2		143.6		396.2	
129#	-17000	-206000		15				98				2.8				187.6		
130#	-17250	-206000	16		17		125		90		3.8		2.9		239.3		172.3	
131#	-17500	-206000		14		10		124		155		3.3		3		237.4		296.7
132#	-17750	-206000	9		11		136		230		2.3		4.8		260.3		440.3	
133#	-18000	-206000		5		7		286		266		2.7		3.6		547.4		509.2
134#	-18250	-206000	9		4		170		314		2.9		2.4		325.4		601	
135#	-18500	-206000		5		5		210		408		2		3.9		402		781
136#	-18750	-206000	8		6		99		271		1.5		3.1		189.5		518.7	
137#	-19000	-206000		8		4		130		322		2		2.5		248.8		616.4
138#	-19250	-206000	10		8		144		151		2.8		2.3		275.6		289	
139#	-19500	-206000		9		11		174		159		3		3.3		333.1		304.3
140#	-19750	-206000	13		11		114		174		2.8		3.7		218.2		333.1	
141#	-20000	-206000		11				139				2.9				266.1		
142#	-20250	-206000	17		11		116		163		3.8		3.4		222		312	
143#	-20500	-206000		15		6		170		214		4.9		2.5		325.4		409.6
144#	-20750	-206000	15		10		115		226		3.3		4.3		220.1		432.6	
145#	-21000	-206000		11		4		175		334		3.7		2.6		335		639.3
146#	-21250	-206000	8		7		193		259		3		3.5		369.4		495.8	
147#	-21500	-206000		4		17		291		150		2.2		4.9		557		287.1
148#	-21750	-206000	2		11		214		163		0.8		3.4		409.6		312	
149#	-22000	-206000		14		17		147		136		3.9		4.4		281.4		260.3
150#	-22250	-206000	14		11		105		133		2.8		2.8		201		254.6	
151#	-22500	-206000		21		18		106		128		4.3		4.4		202.9		245
152#	-22750	-206000	22		22		91		115		3.8		4.8		174.2		220.1	
153#	-23000	-206000		26				104				5.2				199.1		
154#	-23250	-206000	56		17		45		150		4.8		4.9		86.1		287.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	-23500	-206000		54		9		60		236		6.2		4.1		114.8		451.7
156#	-23750	-206000	38		23		65		107		4.7		4.7		124.4		204.8	
157#	-24000	-206000		25		20		111		136		5.3		5.2		212.5		260.3
158#	-24250	-206000	26		15		87		152		4.3		4.4		166.5		290.9	
159#	-24500	-206000		15		21		134		107		3.8		4.3		256.5		204.8
160#	-24750	-206000	4		26		280		103		2.1		5.1		536		197.2	
161#	-25000	-206000		11		46		189		49		4		4.3		361.8		93.8
162#	-25250	-206000	13		14		196		88		4.9		2.4		375.2		168.4	
163#	-25500	-206000		21		22		95		103		3.8		4.3		181.8		197.2
164#	-25750	-206000	33		10		53		125		3.3		2.4		101.4		239.3	
165#	-26000	-206000		14				89				2.4				170.4		
166#	-26250	-206000	29		19		51		108		2.8		3.9		97.6		206.7	
167#	-26500	-206000		20		21		75		108		2.9		4.3		143.6		206.7
168#	-26750	-206000	52		24		29		74		2.9		3.4		55.5		141.6	
169#	-27000	-206000		50		17		35		119		3.3		3.9		67		227.8
170#	-27250	-206000	38		33		33		53		2.4		3.3		63.2		101.4	
171#	-27500	-206000		29		31		51		64		2.8		3.8		97.6		122.5
172#	-27750	-206000	40		29		44		61		3.4		3.4		84.2		116.8	
173#	-28000	-206000		29		47		60		32		3.3		2.9		114.8		61.3
174#	-28250	-206000	35		46		50		33		3.3		2.9		95.7		63.2	
175#	-28500	-206000		55		43		32		29		3.4		2.4		61.3		55.5
176#	-28750	-206000	31		70		57		25		3.4		3.3		109.1		47.9	
177#	-29000	-206000		38			46					3.3				88.1		
178#	-29250	-206000	48		41		31		49		2.8		3.8		59.3		93.8	
179#	-29500	-206000		49		28		41		71		3.8		3.8		78.5		135.9
180#	-29750	-206000	92		36		19		62		3.3		4.3		36.4		118.7	
181#	-30000	-206000		60		44		29		68		3.3		5.7		55.5		130.2
182#	-30250	-206000	70		83		25		32		3.3		5.1		47.9		61.3	
183#	-30500	-206000		78		86		32		35		4.8		5.8		61.3		67
184#	-30750	-206000	118		100		19		35		4.3		6.7		36.4		67	
185#	-31000	-206000		106		88		26		34		5.3		5.7		49.8		65.1
186#	-31250	-206000	63		130		36		25		4.3		6.2		68.9		47.9	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP.	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
187#	-31500	-206000		58		88		39		37		4.3		6.2		74.7		70.8
188#	-31750	-206000	100		40		25		56		4.8		4.3		47.9		107.2	
189#	-32000	-206000		43				41				3.4				78.5		
190#	-32250	-206000	50		61		35		37		3.3		4.3		67		70.8	
191#	-32500	-206000		70		37		32		54		4.3		3.8		61.3		103.4
192#	-32750	-206000	70		54		25		42		3.3		4.3		47.9		80.4	
193#	-33000	-206000		53		29		33		68		3.3		3.8		63.2		130.2
194#	-33250	-206000	56		32		27		54		2.9		3.3		51.7		103.4	
195#	-33500	-206000		30		32		50		71		2.9		4.3		95.7		135.9
196#	-33750	-206000	56		24		27		72		2.9		3.3		51.7		137.8	
197#	-34000	-206000		36		56		48		36		3.3		3.9		91.9		68.9
198#	-34250	-206000	44		90		46		25		3.9		4.3		88.1		47.9	
199#	-34500	-206000		59		72		34		31		3.8		4.3		65.1		59.3
200#	-34750	-206000	52		41		29		43		2.9		3.4		55.5		82.3	
201#	-35000	-206000		21				48				1.9				91.9		
202#	-35250	-206000	52		16		29		76		2.9		2.3		55.5		145.5	
203#	-35500	-206000		25		21		59		84		2.8		3.4		112.9		160.8
204#	-35750	-206000	50		25		25		70		2.4		3.3		47.9		134	
205#	-36000	-206000		33		10		30		98		1.9		1.9		57.4		187.6
206#	-36250	-206000	38		33		26		38		1.9		2.4		49.8		72.7	
207#	-36500	-206000		29		26		34		48		1.9		2.4		65.1		91.9
208#	-36750	-206000	34		20		29		49		1.9		1.9		55.5		93.8	
209#	-37000	-206000		12		14		42		52		1		1.4		80.4		99.5
210#	-37250	-206000	40		9		25		53		1.9		0.9		47.9		101.4	
211#	-37500	-206000		35		26		36		38		2.4		1.9		68.9		72.7
212#	-37750	-206000	50		28		25		27		2.4		1.4		47.9		51.7	
213#	-38000	-206000		44				23				1.9				44		
214#	-38250	-206000	83		28		15		62		2.4		3.3		28.7		118.7	
215#	-38500	-206000		31		25		48		80		2.8		3.8		91.9		153.1
216#	-38750	-206000	75		31		20		64		2.9		3.8		38.3		122.5	
217#	-39000	-206000		66		125		34		22		4.3		5.3		65.1		42.1
218#	-39250	-206000	94		204		16		11		2.9		4.3		30.6		21.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP.	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
219#	-39500	-206000		250		133		5		15		2.4		3.8		9.6		28.7
220#	-39750	-206000	225		200		10		8		4.3		3.1		19.1		15.3	
221#	-40000	-206000		150		143		15		14		4.3		3.8		28.7		26.8
222#	-40250	-206000	118		98		7		28		1.6		5.3		13.4		53.6	
223#	-40500	-206000		53		67		33		41		3.3		5.3		63.2		78.5
224#	-40750	-206000	68		72		11		48		1.4		6.6		21.1		91.9	
225#	-41000	-206000		54				14				1.4				26.8		
226#	-41250	-206000	115		39		13		19		2.9		1.4		24.9		36.4	
227#	-41500	-206000		66		63		19		16		2.4		1.9		36.4		30.6
228#	-41750	-206000	50		83		20		18		1.9		2.9		38.3		34.5	
229#	-42000	-206000		42		31		24		32		1.9		1.9		45.9		61.3
230#	-42250	-206000	36		27		28		46		1.9		2.4		53.6		88.1	
231#	-42500	-206000		29		19		52		53		2.9		1.9		99.5		101.4
232#	-42750	-206000	47		20		32		63		2.9		2.4		61.3		120.6	
233#	-43000	-206000		21		21		47		71		1.9		2.9		90		135.9
234#	-43250	-206000	36		27		28		56		1.9		2.9		53.6		107.2	
235#	-43500	-206000		34		16		37		63		2.4		1.9		70.8		120.6
236#	-43750	-206000	22		29		34		43		1.4		2.4		65.1		82.3	
237#	-44000	-206000		10				51				1				97.6		
238#	-44250	-206000	33		10		23		51		1.5		1		44		97.6	
239#	-44500	-206000		8		14		32		54		0.5		1.4		61.3		103.4
240#	-44750	-206000	25		20		20		38		1		1.5		38.3		72.7	
241#	-45000	-206000		36		9		28		54		1.9		0.9		53.6		103.4
242#	-45250	-206000	28		18		18		41		1		1.4		34.5		78.5	
243#	-45500	-206000		17		11		30		66		1		1.4		57.4		126.3
244#	-45750	-206000	17		11		15		47		0.5		1		28.7		90	
245#	-46000	-206000		9		15		27		49		0.5		1.4		51.7		93.8
246#	-46250	-206000	18		18		14		28		0.5		1		26.8		53.6	
247#	-46500	-206000		47		23		16		43		1.4		1.9		30.6		82.3
248#	-46750	-206000	23		19		11		27		0.5		1		21.1		51.7	
249#	-47000	-206000		22				23				1				44		
250#	-47250	-206000	22		9		23		28		1		0.5		44		53.6	

[illegible]

SOUTH REGIONAL 2100S 500 FEET ??-??-??

IP 685W-255E LENGTH 94000 FEET

GEOCHEMISTRY nil

ALONG LINE STATIONS INCREASE WEST =-X,

TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	25500	-210000				28				63				3.4				120.6
2#	25250	-210000			44				40				3.4				76.6	
3#	25000	-210000		24		27		62		74		2.8		3.8		118.7		141.6
4#	24750	-210000	39		19		32		117		2.4		4.3		61.3		224	
5#	24500	-210000		29		16		68		159		3.8		4.9		130.2		304.3
6#	24250	-210000	26		10		58		167		2.9		3.2		111		319.7	
7#	24000	-210000		18		217		110		108		3.8		44.9		210.6		206.7
8#	23750	-210000	20		17		74		118		2.8		3.8		141.6		225.9	
9#	23500	-210000		24				83				3.8				158.9		
10#	23250	-210000	16		21		91		84		2.8		3.4		174.2		160.8	
11#	23000	-210000		21		14		97		140		3.9		3.8		185.7		268
12#	22750	-210000	19		9		65		175		2.4		3		124.4		335	
13#	22500	-210000		11		16		139		126		2.9		3.9		266.1		241.2
14#	22250	-210000	17		17		89		104		2.9		3.4		170.4		199.1	
15#	22000	-210000		23		19		76		117		3.3		4.3		145.5		224
16#	21750	-210000	35		19		50		93		3.3		3.4		95.7		178	
17#	21500	-210000		22		31		68		82		2.9		4.9		130.2		157
18#	21250	-210000	20		30		63		66		2.4		3.8		120.6		126.3	
19#	21000	-210000		32		31		54		90		3.3		5.3		103.4		172.3
20#	20750	-210000	26		24		58		94		2.9		4.3		111		179.9	
21#	20500	-210000		19				90				3.3				172.3		
22#	20250	-210000	31		24		56		114		3.3		5.2		107.2		218.2	
23#	20000	-210000		17		20		90		127		2.9		4.9		172.3		243.1
24#	19750	-210000	43		16		46		107		3.8		3.3		88.1		204.8	
25#	19500	-210000		28		25		62		70		3.3		3.3		118.7		134
26#	19250	-210000	32		40		47		44		2.9		3.4		90		84.2	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	19000	-210000		43		26		41		76		3.4		3.8		78.5		145.5
28#	18750	-210000	60		25		25		81		2.9		3.9		47.9		155	
29#	18500	-210000		19		23		66		98		2.4		4.3		126.3		187.6
30#	18250	-210000	23		16		54		94		2.4		2.9		103.4		179.9	
31#	18000	-210000		11		26		89		68		1.9		3.4		170.4		130.2
32#	17750	-210000	32		21		31		71		1.9		2.9		59.3		135.9	
33#	17500	-210000		46				27				2.4				51.7		
34#	17250	-210000	59		22		17		69		1.9		2.9		32.5		132.1	
35#	17000	-210000		27		23		56		76		2.9		3.3		107.2		145.5
36#	16750	-210000	42		25		30		69		2.4		3.3		57.4		132.1	
37#	16500	-210000		27		13		47		60		2.4		1.5		90		114.8
38#	16250	-210000	44		22		17		46		1.4		1.9		32.5		88.1	
39#	16000	-210000		66		21		19		47		2.4		1.9		36.4		90
40#	15750	-210000	45		26		22		19		1.9		0.9		42.1		36.4	
41#	15500	-210000		27		139		28		19		1.4		5.1		53.6		36.4
42#	15250	-210000	31		53		16		28		0.9		2.8		30.6		53.6	
43#	15000	-210000		50		36		20		42		1.9		2.9		38.3		80.4
44#	14750	-210000	62		45		12		33		1.4		2.8		23		63.2	
45#	14500	-210000		45				22				1.9				42.1		
46#	14250	-210000	96		71		13		28		2.4		3.8		24.9		53.6	
47#	14000	-210000		73		59		20		32		2.8		3.6		38.3		61.3
48#	13750	-210000	83		75		12		24		1.9		3.4		23		45.9	
49#	13500	-210000		74		28		17		29		2.4		1.6		32.5		55.5
50#	13250	-210000	83		60		15		21		2.4		2.4		28.7		40.2	
51#	13000	-210000		63		20		20		64		2.4		2.5		38.3		122.5
52#	12750	-210000	58		24		13		62		1.4		2.8		24.9		118.7	
53#	12500	-210000		29		20		43		61		2.4		2.3		82.3		116.8
54#	12250	-210000	40		43		25		47		1.9		3.9		47.9		90	
55#	12000	-210000		55		23		32		66		3.4		2.9		61.3		126.3
56#	11750	-210000	60		34		21		51		2.4		3.3		40.2		97.6	
57#	11500	-210000		35				43				2.9				82.3		
58#	11250	-210000	8		33		63		46		1		2.9		120.6		88.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	11000	-210000		12		41		84		49		1.9		3.8		160.8		93.8
60#	10750	-210000	18		15		56		100		1.9		2.9		107.2		191.4	
61#	10500	-210000		26		74		77		166		3.8		23.5		147.4		317.7
62#	10250	-210000	28		7		47		135		2.5		1.8		90		258.4	
63#	10000	-210000		20		9		98		225		3.8		3.9		187.6		430.7
64#	9750	-210000	18		11		69		181		2.4		3.8		132.1		346.5	
65#	9500	-210000		15		17		133		86		3.8		2.8		254.6		164.6
66#	9250	-210000	17		15		73		69		2.4		2		139.7		132.1	
67#	9000	-210000		31		48		49		47		2.9		4.3		93.8		90
68#	8750	-210000	24		66		42		38		1.9		4.8		80.4		72.7	
69#	8500	-210000		36				42				2.9				80.4		
70#	8250	-210000	53		16		33		80		3.3		2.5		63.2		153.1	
71#	8000	-210000		19		17		79		74		2.9		2.4		151.2		141.6
72#	7750	-210000	29		12		17		85		0.9		2		32.5		162.7	
73#	7500	-210000		42		14		24		94		1.9		2.5		45.9		179.9
74#	7250	-210000	71		55		21		27		2.9		2.8		40.2		51.7	
75#	7000	-210000		46		44		27		37		2.4		3.1		51.7		70.8
76#	6750	-210000	83		56		21		31		3.3		3.3		40.2		59.3	
77#	6500	-210000		40		40		31		31		2.4		2.4		59.3		59.3
78#	6250	-210000	37		42		20		42		1.4		3.4		38.3		80.4	
79#	6000	-210000		34		16		22		94		1.4		2.9		42.1		179.9
80#	5750	-210000	38		19		13		54		0.9		2		24.9		103.4	
81#	5500	-210000		43				35				2.9				67		
82#	5250	-210000	54		65		23		23		2.4		2.9		44		44	
83#	5000	-210000		92		50		18		30		3.2		2.9		34.5		57.4
84#	4750	-210000	59		48		17		26		1.9		2.4		32.5		49.8	
85#	4500	-210000		37		26		27		39		1.9		1.9		51.7		74.7
86#	4250	-210000	33		30		23		42		1.5		2.4		44		80.4	
87#	4000	-210000		28		16		45		95		2.4		2.9		86.1		181.8
88#	3750	-210000	42		11		18		110		1.4		2.3		34.5		210.6	
89#	3500	-210000		25		64		49		31		2.3		3.8		93.8		59.3
90#	3250	-210000	28		42		36		30		1.9		2.4		68.9		57.4	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	3000	-210000		58		30		26		50		2.9		2.9		49.8		95.7
92#	2750	-210000	63		30		24		42		2.9		2.4		45.9		80.4	
93#	2500	-210000		42				42				3.4				80.4		
94#	2250	-210000	44		24		40		62		3.4		2.8		76.6		118.7	
95#	2000	-210000		18		10		71		128		2.4		2.5		135.9		245
96#	1750	-210000	57		11		22		161		2.4		3.4		42.1		308.2	
97#	1500	-210000		27		10		56		169		2.9		3.2		107.2		323.5
98#	1250	-210000	33		23		46		64		2.9		2.8		88.1		122.5	
99#	1000	-210000		28		282		71		14		3.8		7.6		135.9		26.8
100#	750	-210000	15		139		67		18		1.9		4.8		128.2		34.5	
101#	500	-210000		113		104		20		24		4.3		4.8		38.3		45.9
102#	250	-210000	78		67		29		30		4.3		3.8		55.5		57.4	
103#	0	-210000		25		50		51		50		2.4		4.8		97.6		95.7
104#	-250	-210000	40		19		44		91		3.4		3.3		84.2		174.2	
105#	-500	-210000		28				80				4.3				153.1		
106#	-750	-210000	105		9		19		218		3.8		3.8		36.4		417.3	
107#	-1000	-210000		45		19		50		168		4.3		6.1		95.7		321.6
108#	-1250	-210000	86		82		29		43		4.8		6.7		55.5		82.3	
109#	-1500	-210000		100		181		30		21		5.7		7.3		57.4		40.2
110#	-1750	-210000	147		230		22		16		6.2		7		42.1		30.6	
111#	-2000	-210000		172				16		12		5.3				30.6		23
112#	-2250	-210000	50		169		35		13		3.3		4.2		67		24.9	
113#	-2500	-210000		52		125		34		20		3.4		4.8		65.1		38.3
114#	-2750	-210000	52		38		24		53		2.4		3.9		45.9		101.4	
115#	-3000	-210000		31		24		41		62		2.4		2.8		78.5		118.7
116#	-3250	-210000	50		29		20		51		1.9		2.8		38.3		97.6	
117#	-3500	-210000		52				29				2.9				55.5		
118#	-3750	-210000	67		43		15		35		1.9		2.9		28.7		67	
119#	-4000	-210000		53		29		19		43		1.9		2.4		36.4		82.3
120#	-4250	-210000	62		30		12		25		1.4		1.4		23		47.9	
121#	-4500	-210000		26		46		19		38		0.9		3.3		36.4		72.7
122#	-4750	-210000	23		50		11		30		0.5		2.9		21.1		57.4	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	-5000	-210000		60		56		21		42		2.4		4.5		40.2		80.4
124#	-5250	-210000	71		55		14		32		1.9		3.4		26.8		61.3	
125#	-5500	-210000		70		71		25		29		3.3		3.9		47.9		55.5
126#	-5750	-210000	50		70		15		25		1.4		3.3		28.7		47.9	
127#	-6000	-210000		103		83		17		27		3.4		4.3		32.5		51.7
128#	-6250	-210000	136		125		11		22		2.9		5.3		21.1		42.1	
129#	-6500	-210000		103				17				3.4				32.5		
130#	-6750	-210000	88		54		17		23		2.9		2.4		32.5		44	
131#	-7000	-210000		84		78		24		29		3.9		4.3		45.9		55.5
132#	-7250	-210000	53		57		14		35		1.4		3.8		26.8		67	
133#	-7500	-210000		65		102		23		32		2.9		6.2		44		61.3
134#	-7750	-210000	83		98		12		23		1.9		4.3		23		44	
135#	-8000	-210000		188		86		12		31		4.3		5.1		23		59.3
136#	-8250	-210000	115		131		13		21		2.9		5.3		24.9		40.2	
137#	-8500	-210000		65		83		23		27		2.9		4.3		44		51.7
138#	-8750	-210000	50		65		20		31		1.9		3.9		38.3		59.3	
139#	-9000	-210000		80		155		28		19		4.3		5.6		53.6		36.4
140#	-9250	-210000	97		132		18		18		3.3		4.5		34.5		34.5	
141#	-9500	-210000		188				12				4.3				23		
142#	-9750	-210000	188		173		12		17		4.3		5.6		23		32.5	
143#	-10000	-210000		118				19		18		4.3				36.4		34.5
144#	-10250	-210000	79		137		19		20		2.9		5.2		36.4		38.3	
145#	-10500	-210000		91		118		22		19		3.8		4.3		42.1		36.4
146#	-10750	-210000	125		91		10		22		2.4		3.8		19.1		42.1	
147#	-11000	-210000		125		81		12		31		2.9		4.8		23		59.3
148#	-11250	-210000	38		125		13		18		0.9		4.3		24.9		34.5	
149#	-11500	-210000		50		102		20		20		1.9		3.9		38.3		38.3
150#	-11750	-210000	100		68		15		22		2.9		2.9		28.7		42.1	
151#	-12000	-210000		97		36		18		63		3.3		4.3		34.5		120.6
152#	-12250	-210000	175		80		10		25		3.3		3.8		19.1		47.9	
153#	-12500	-210000		143				14				3.8				26.8		
154#	-12750	-210000	125		125		14		18		3.3		4.3		26.8		34.5	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	-13000	-210000		132		202		19		19		4.8		7.3		36.4		36.4
156#	-13250	-210000	225		132		10		19		4.3		4.8		19.1		36.4	
157#	-13500	-210000		227		134		11		25		4.8		6.4		21.1		47.9
158#	-13750	-210000	135		172		13		16		3.4		5.3		24.9		30.6	
159#	-14000	-210000		131		59		21		34		5.3		3.8		40.2		65.1
160#	-14250	-210000	139		56		18		45		4.8		4.8		34.5		86.1	
161#	-14500	-210000		54		102		42		20		4.3		3.9		80.4		38.3
162#	-14750	-210000	56		131		36		21		3.9		5.3		68.9		40.2	
163#	-15000	-210000		107		105		21		31		4.3		6.2		40.2		59.3
164#	-15250	-210000	118		64		17		35		3.8		4.3		32.5		67	
165#	-15500	-210000		70				36				4.8				68.9		
166#	-15750	-210000	14		96		69		34		1.8		6.2		132.1		65.1	
167#	-16000	-210000		28		68		62		44		3.3		5.7		118.7		84.2
168#	-16250	-210000	132		24		19		85		4.8		3.9		36.4		162.7	
169#	-16500	-210000		92		29		30		105		5.3		5.8		57.4		201
170#	-16750	-210000	77		79		26		35		3.8		5.3		49.8		67	
171#	-17000	-210000		71		70		35		37		4.8		5		67		70.8
172#	-17250	-210000	94		54		24		37		4.3		3.8		45.9		70.8	
173#	-17500	-210000		56		39		29		51		3.1		3.8		55.5		97.6
174#	-17750	-210000	80		38		22		40		3.4		2.9		42.1		76.6	
175#	-18000	-210000		61		46		33		60		3.9		5.3		63.2		114.8
176#	-18250	-210000	45		43		33		52		2.8		4.3		63.2		99.5	
177#	-18500	-210000		25				60				2.9				114.8		
178#	-18750	-210000	45		52		39		48		3.4		4.8		74.7		91.9	
179#	-19000	-210000		39		35		32		86		2.4		5.8		61.3		164.6
180#	-19250	-210000	48		25		26		61		2.4		2.9		49.8		116.8	
181#	-19500	-210000		31		37		56		68		3.3		4.8		107.2		130.2
182#	-19750	-210000	53		37		38		68		3.9		4.8		72.7		130.2	
183#	-20000	-210000		40		27		56		93		4.3		4.8		107.2		178
184#	-20250	-210000	76		26		33		87		4.8		4.3		63.2		166.5	
185#	-20500	-210000		42		16		59		144		4.7		4.4		112.9		275.6
186#	-20750	-210000	44		22		51		103		4.3		4.3		97.6		197.2	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
187#	-21000	-210000		19		20		117		99		4.3		3.8		224		189.5
188#	-21250	-210000	25		24		71		105		3.4		4.8		135.9		201	
189#	-21500	-210000		25				79				3.8				151.2		
190#	-21750	-210000	24		16		73		138		3.4		4.2		139.7		264.2	
191#	-22000	-210000		20		16		26		138		1		4.2		49.8		264.2
192#	-22250	-210000	16		18		153		127		4.7		4.4		292.9		243.1	
193#	-22500	-210000		14		27		157		102		4.2		5.3		300.5		195.2
194#	-22750	-210000	18		21		124		120		4.3		4.8		237.4		229.7	
195#	-23000	-210000		26		16		95		143		4.7		4.4		181.8		273.7
196#	-23250	-210000	25		23		110		110		5.3		4.8		210.6		210.6	
197#	-23500	-210000		17		20		165		179		5.4		6.9		315.8		342.6
198#	-23750	-210000	17		13		102		252		3.3		6.3		195.2		482.4	
199#	-24000	-210000		10		15		218		202		4.2		5.8		417.3		386.7
200#	-24250	-210000	13		13		170		194		4.2		4.8		325.4		371.3	
201#	-24500	-210000		15				179				5.1				342.6		
202#	-24750	-210000	17		36		115		76		3.7		5.2		220.1		145.5	
203#	-25000	-210000		32		79		55		61		3.4		9.2		105.3		116.8
204#	-25250	-210000	32		55		62		50		3.8		5.3		118.7		95.7	
205#	-25500	-210000		35		36		65		77		4.4		5.3		124.4		147.4
206#	-25750	-210000	47		23		53		110		4.8		4.8		101.4		210.6	
207#	-26000	-210000		25		21		91		130		4.4		5.2		174.2		248.8
208#	-26250	-210000	54		23		42		111		4.3		4.9		80.4		212.5	
209#	-26500	-210000		36		9		48		278		3.3		4.8		91.9		532.1
210#	-26750	-210000	41		20		37		127		2.9		4.9		70.8		243.1	
211#	-27000	-210000		20		47		112		59		4.3		5.3		214.4		112.9
212#	-27250	-210000	30		45		76		55		4.4		4.7		145.5		105.3	
213#	-27500	-210000		45				44				3.8				84.2		
214#	-27750	-210000	27		30		44		75		2.3		4.3		84.2		143.6	
215#	-28000	-210000		43		27		75		113		6.2		5.8		143.6		216.3
216#	-28250	-210000	34		19		74		121		4.8		4.4		141.6		231.6	
217#	-28500	-210000		18		23		142		119		4.9		5.2		271.8		227.8
218#	-28750	-210000	38		16		60		159		4.4		4.9		114.8		304.3	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	APP. N=4	RESIS N=1	T OHM. N=2	FT N=3	F N=4	REQ. E N=1	FFECT N=2	N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
219#	-29000	-210000		30		15		76		136		4.4		3.9		145.5		260.3
220#	-29250	-210000	26		38		77	66		3.8		4.8		147.4		126.3		
221#	-29500	-210000		19		42		80		59		2.9		4.7		153.1		112.9
222#	-29750	-210000	26		24		86	82		4.3		3.8		164.6		157		
223#	-30000	-210000		23		14		87		125		3.8		3.3		166.5		239.3
224#	-30250	-210000	38		12		60	141		4.4		3.2		114.8		269.9		
225#	-30500	-210000		19				93				3.4				178		
226#	-30750	-210000	27		26		64	77		3.3		3.8		122.5		147.4		
227#	-31000	-210000		38		15		52		185		3.8		5.3		99.5		354.1
228#	-31250	-210000	59		24		34	113		3.8		5.2		65.1		216.3		
229#	-31500	-210000		36		19		69		117		4.8		4.3		132.1		224
230#	-31750	-210000	36		29		63	79		4.3		4.4		120.6		151.2		
231#	-32000	-210000		24		51		83		54		3.8		5.3		158.9		103.4
232#	-32250	-210000	35		39		65	64		4.4		4.8		124.4		122.5		
233#	-32500	-210000		37		56		54		54		3.8		5.8		103.4		103.4
234#	-32750	-210000	13		37		156	48		3.9		3.4		298.6		91.9		
235#	-33000	-210000		19		44		161		57		5.9		4.8		308.2		109.1
236#	-33250	-210000	31		113		80	20		4.7		4.3		153.1		38.3		
237#	-33500	-210000		21				121				4.9				231.6		
238#	-33750	-210000	33		30		60	119		3.8		6.8		114.8		227.8		
239#	-34000	-210000		45		54		66		111		5.7		11.5		126.3		212.5
240#	-34250	-210000	40		88		50	65		3.8		10.9		95.7		124.4		
241#	-34500	-210000		91		61		55		86		9.6		10		105.3		164.6
242#	-34750	-210000	137		76		44	72		11.5		10.5		84.2		137.8		
243#	-35000	-210000		104		46		60		92		11.9		8.1		114.8		176.1
244#	-35250	-210000	128		57		37	84		9.1		9.2		70.8		160.8		
245#	-35500	-210000		108		43		46		99		9.5		8.1		88.1		189.5
246#	-35750	-210000	154		98		34	56		10		10.5		65.1		107.2		
247#	-36000	-210000		94		114		46		46		8.3		10		88.1		88.1
248#	-36250	-210000	25		125		49	40		2.3		9.6		93.8		76.6		
249#	-36500	-210000		31				49				2.9				93.8		
250#	-36750	-210000	33		24		30	53		1.9		2.4		57.4		101.4		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
251#	-37000	-210000		19		30		39		59		1.4		3.4		74.7		112.9
252#	-37250	-210000	48		40		26		44		2.4		3.4		49.8		84.2	
253#	-37500	-210000		48		59		31		34		2.8		3.8		59.3		65.1
254#	-37750	-210000	66		45		19		50		2.4		4.3		36.4		95.7	
255#	-38000	-210000		81		45		31		50		4.8		4.3		59.3		95.7
256#	-38250	-210000	156		61		16		33		4.8		3.9		30.6		63.2	
257#	-38500	-210000		107		50		21		30		4.3		2.9		40.2		57.4
258#	-38750	-210000	132		132		19		19		4.8		4.8		36.4		36.4	
259#	-39000	-210000		107		21		21		18		4.3		0.7		40.2		34.5
260#	-39250	-210000	103		125		17		20		3.4		4.8		32.5		38.3	
261#	-39500	-210000		80				22				3.4				42.1		
262#	-39750	-210000	125		68		16		37		3.8		4.8		30.6		70.8	
263#	-40000	-210000		80		51		28		39		4.3		3.8		53.6		74.7
264#	-40250	-210000	62		48		20		31		2.4		2.8		38.3		59.3	
265#	-40500	-210000		76		82		23		29		3.3		4.6		44		55.5
266#	-40750	-210000	58		143		13		21		1.4		5.7		24.9		40.2	
267#	-41000	-210000		150		126		15		23		4.3		5.5		28.7		44
268#	-41250	-210000	97		133		18		17		3.3		4.3		34.5		32.5	
269#	-41500	-210000		87		64		23		35		3.8		4.3		44		67
270#	-41750	-210000	133		36		15		49		3.8		3.4		28.7		93.8	
271#	-42000	-210000		49		37		36		54		3.4		3.8		68.9		103.4
272#	-42250	-210000	103		41		17		43		3.4		3.4		32.5		82.3	
273#	-42500	-210000		104				24				4.8				45.9		
274#	-42750	-210000	92		54		19		37		3.3		3.8		36.4		70.8	
275#	-43000	-210000		43		50		35		50		2.9		4.8		67		95.7
276#	-43250	-210000	65		43		27		52		3.4		4.3		51.7		99.5	
277#	-43500	-210000		28		46		53		38		2.8		3.3		101.4		72.7
278#	-43750	-210000	50		40		40		44		3.8		3.4		76.6		84.2	
279#	-44000	-210000		68		20		33		61		4.3		2.3		63.2		116.8
280#	-44250	-210000	56		27		27		47		2.9		2.4		51.7		90	
281#	-44500	-210000		28		24		44		82		2.4		3.8		84.2		157
282#	-44750	-210000	63		22		28		79		3.4		3.3		53.6		151.2	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
283#	-45000	-210000		33		10		60		146		3.8		2.8		114.8		279.5
284#	-45250	-210000	30		14		41		121		2.4		3.2		78.5		231.6	
285#	-45500	-210000		27				82				4.2				157		
286#	-45750	-210000	14		35		52		65		1.4		4.4		99.5		124.4	
287#	-46000	-210000		15		20		49		86		1.4		3.3		93.8		164.6
288#	-46250	-210000	43		25		47		69		3.9		3.3		90		132.1	
289#	-46500	-210000				23				44				1.9				84.2
290#	-46750	-210000	18		20		68		51		2.3		2		130.2		97.6	
291#	-47000	-210000		40		27		50		100		3.8		5.2		95.7		191.4
292#	-47250	-210000			14				105				2.8				201	
293#	-47500	-210000		35		15		43		100		2.9		2.9		82.3		191.4
294#	-47750	-210000	29		34		26		44		1.4		2.9		49.8		84.2	
295#	-48000	-210000		31		38		32		39		1.9		2.8		61.3		74.7
296#	-48250	-210000	105		35		19		29		3.8		1.9		36.4		55.5	
297#	-48500	-210000		75				20				2.9				38.3		
298#	-48750	-210000	57		65		22		23		2.4		2.9		42.1		44	
299#	-49000	-210000		55		95		32		22		3.4		4		61.3		42.1
300#	-49250	-210000	31		51		16		34		0.9		3.3		30.6		65.1	
301#	-49500	-210000		83		42		21		48		3.3		3.9		40.2		91.9
302#	-49750	-210000	110		55		9		32		1.9		3.4		17.2		61.3	
303#	-50000	-210000		88		46		17		44		2.9		3.9		32.5		84.2
304#	-50250	-210000	161		87		9		23		2.8		3.8		17.2		44	
305#	-50500	-210000		125		133		16		18		3.8		4.6		30.6		34.5
306#	-50750	-210000	87		158		9		12		1.5		3.6		17.2		23	
307#	-51000	-210000		156		70		6		30		1.8		4		11.5		57.4
308#	-51250	-210000	164		94		6		16		1.9		2.9		11.5		30.6	
309#	-51500	-210000		125				12				2.9				23		
310#	-51750	-210000	150		147		10		17		2.9		4.8		19.1		32.5	
311#	-52000	-210000		107		171		14		17		2.9		5.6		26.8		32.5
312#	-52520	-210000	122		60		8		30		1.9		3.4		15.3		57.4	
313#	-52500	-210000		125		53		10		30		2.4		3		19.1		57.4
314#	-52750	-210000	71		60		14		21		1.9		2.4		26.8		40.2	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
315#	-53000	-210000		30		114		33		22		1.9		4.8		63.2		42.1
316#	-53250	-210000	67		26		15		39		1.9		1.9		28.7		74.7	
317#	-53500	-210000		48		40		21		37		1.9		2.8		40.2		70.8
318#	-53750	-210000	17		48		15		21		0.5		1.9		28.7		40.2	
319#	-54000	-210000		36		156		14		18		1		5.4		26.8		34.5
320#	-54250	-210000	28		93		18		13		1		2.3		34.5		24.9	
321#	-54500	-210000		25				20				1				38.3		
322#	-54750	-210000	62		37		12		41		1.4		2.9		23		78.5	
323#	-55000	-210000		27		36		28		55		1.4		3.8		53.6		105.3
324#	-55250	-210000	33		33		15		38		0.9		2.4		28.7		72.7	
325#	-55500	-210000		33		40		23		50		1.5		3.8		44		95.7
326#	-55750	-210000	52		60		10		29		1		3.3		19.1		55.5	
327#	-56000	-210000		125		55		14		32		3.3		3.4		26.8		61.3
328#	-56250	-210000			118				17				3.8				32.5	
329#	-56500	-210000		100		136		20		18		3.8		4.7		38.3		34.5
330#	-56750	-210000	125		107		12		21		2.9		4.3		23		40.2	
331#	-57000	-210000		109		123		16		19		3.3		4.5		30.6		36.4
332#	-57250	-210000	150		117		10		15		2.9		3.4		19.1		28.7	
333#	-57500	-210000		159				11				3.3				21.1		
334#	-57750	-210000	107		65		7		27		1.4		3.4		13.4		51.7	
335#	-58000	-210000		79		54		19		42		2.9		4.3		36.4		80.4
336#	-58250	-210000	75		56		10		31		1.4		3.3		19.1		59.3	
337#	-58500	-210000		63				24		37		2.9				45.9		70.8
338#	-58750	-210000	134		96		13		26		3.3		4.8		24.9		49.8	
339#	-59000	-210000		109		110		16		25		3.3		5.3		30.6		47.9
340#	-59250	-210000	125		161		18		18		4.3		5.5		34.5		34.5	
341#	-59500	-210000		79		168		19		14		2.9		4.5		36.4		26.8
342#	-59750	-210000	40		111		19		18		1.5		3.8		36.4		34.5	
343#	-60000	-210000		66		66		19		38		2.4		4.8		36.4		72.7
344#	-60250	-210000	21		46		12		38		0.5		3.3		23		72.7	
345#	-60500	-210000		65				27				3.4				51.7		
346#	-60750	-210000	88		35		17		36		2.9		2.4		32.5		68.9	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
347#	-61000	-210000		56		44		27		40		2.9		3.4		51.7		76.6
348#	-61250	-210000	100		61		15		33		2.9		3.9		28.7		63.2	
349#	-61500	-210000		83		22		21		78		3.3		3.3		40.2		149.3
350#	-61750	-210000	88		28		17		54		2.9		2.9		32.5		103.4	
351#	-62000	-210000		32		25		55		60		3.4		2.9		105.3		114.8
352#	-62250	-210000	50		17		25		72		2.4		2.3		47.9		137.8	
353#	-62500	-210000		24		29		41		52		1.9		2.9		78.5		99.5
354#	-62750	-210000	50		44		20		34		1.9		2.9		38.3		65.1	
355#	-63000	-210000		36		72		21		25		1.4		3.4		40.2		47.9
356#	-63250	-210000	10		83		26		18		0.5		2.9		49.8		34.5	
357#	-63500	-210000		26				29				1.4				55.5		
358#	-63750	-210000	48		29		21		34		1.9		1.9		40.2		65.1	
359#	-64000	-210000		27		10		28		76		1.4		1.5		53.6		145.5
360#	-64250	-210000	21		4		12		66		0.5		0.5		23		126.3	
361#	-64500	-210000		8		28		33		71		0.5		3.8		63.2		135.9
362#	-64750	-210000	63		38		12		39		1.4		2.8		23		74.7	
363#	-65000	-210000		47		20		16		61		1.4		2.3		30.6		116.8
364#	-65250	-210000	50		37		10		27		1		1.9		19.1		51.7	
365#	-65500	-210000		53		35		19		20		1.9		1.3		36.4		38.3
366#	-65750	-210000	37		78		20		16		1.4		2.4		38.3		30.6	
367#	-66000	-210000		34		131		22		16		1.4		4		42.1		30.6
368#	-66250	-210000	18		31		14		24		0.5		1.4		26.8		45.9	
369#	-66500	-210000		28				18				1				34.5		
370#	-66750	-210000	44		68		17		22		1.4		2.9		32.5		42.1	
371#	-67000	-210000		21		58		24		26		1		2.9		45.9		49.8
372#	-67250	-210000	50		25		10		30		1		1.4		19.1		57.4	
373#	-67500	-210000		47		16		16		46		1.4		1.4		30.6		88.1
374#	-67750	-210000	30		29		8		26		0.5		1.4		15.3		49.8	
375#	-68000	-210000		29		81		17		21		0.9		3.3		32.5		40.2
376#	-68250	-210000			27				15				0.8				28.7	
377#	-68500	-210000				43				14				1.2				26.8
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

SOUTH REGIONAL 2140S 500 FEET ??-??-??

IP 487.5W-342.5E LENGTH 83000 FEET

GEOCHEMISTRY nil

ALONG LINE STATIONS INCREASE WEST =-X,

TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	OHM.FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M #
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=2	N=3	N=4	N=1	N=2	N=3	N=4 #
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	34250	-214000	187				4							7.7			#
2#	34000	-214000		104				11			2.2				21.1		#
3#	33750	-214000	107		68		7		11			1.4		13.4		21.1	#
4#	33500	-214000		194				9			3.3				17.2		#
5#	33250	-214000	50				15		7					28.7		13.4	#
6#	33000	-214000		58				13			1.4				24.9		#
7#	32750	-214000	29		79		17		19			2.9		32.5		36.4	#
8#	32500	-214000		56				27			2.9				51.7		#
9#	32250	-214000	96		44		13		34			2.9		24.9		65.1	#
10#	32000	-214000		79		45		19		45	2.9		3.9		36.4		86.1#
11#	31750	-214000	45		54		11		28			2.9		21.1		53.6	#
12#	31500	-214000		62				20		37	2.4				38.3		70.8#
13#	31250	-214000	42		52		12		29			2.9		23		55.5	#
14#	31000	-214000		33				23			1.5				44		#
15#	30750	-214000	68		31		11		32			1.9		21.1		61.3	#
16#	30500	-214000		38		27		20		55	1.5		2.8		38.3		105.3#
17#	30250	-214000	91		45		11		33			2.8		21.1		63.2	#
18#	30000	-214000		45		35		22		43	1.9		2.9		42.1		82.3#
19#	29750	-214000	47		43		16		35			2.9		30.6		67	#
20#	29500	-214000		45		26		28		39	2.4		1.9		53.6		74.7#
21#	29250	-214000	66		38		19		33			2.4		36.4		63.2	#
22#	29000	-214000		21		30		24		42	1		2.4		45.9		80.4#
23#	28750	-214000	57		22		22		34			1.4		42.1		65.1	#
24#	28500	-214000		39		15		32		68	2.4		2		61.3		130.2#
25#	28250	-214000	60		21		21		72			2.9		40.2		137.8	#
26#	28000	-214000		17				60			2				114.8		#

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	OHM.FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M #
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=2	N=3	N=4	N=1	N=2	N=3	N=4 #
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	27750	-214000	42		24		36		52			2.4		68.9		99.5	#
28#	27500	-214000		34		15		29		114	1.9		3.3		55.5		218.2#
29#	27250	-214000	38		23		26		65			2.9		49.8		124.4	#
30#	27000	-214000		8		16		65		80	1		2.5		124.4		153.1#
31#	26750	-214000	31		13		64		78			1.9		122.5		149.3	#
32#	26500	-214000		11		37		91		41	1.9		2.9		174.2		78.5#
33#	26250	-214000	33		26		61		58			2.9		116.8		111	#
34#	26000	-214000		20		17		50		60	1.9		2		95.7		114.8#
35#	25750	-214000	26		11		58		47			1		111		90	#
36#	25500	-214000		8		11		62		110	0.9		2.3		118.7		210.6#
37#	25250	-214000	24		6		53		160			1.8		101.4		306.3	#
38#	25000	-214000		10				154			2.9				294.8		#
39#	24750	-214000	18		6		56		210			2.4		107.2		402	#
40#	24500	-214000		11		9		90		167	1.9		2.9		172.3		319.7#
41#	24250	-214000	15		17		84		74			2.4		160.8		141.6	#
42#	24000	-214000		19		12		77		83	2.8		1.9		147.4		158.9#
43#	23750	-214000	14		12		105		80			1.8		201		153.1	#
44#	23500	-214000		14		15		122		101	3.3		2.9		233.5		193.3#
45#	23250	-214000	12		11		142		162			3.4		271.8		310.1	#
46#	23000	-214000		7		10		172		177	2.3		3.4		329.2		338.8#
47#	22750	-214000	11		8		141		183			2.8		269.9		350.3	#
48#	22500	-214000		13		9		130		205	3.2		3.5		248.8		392.4#
49#	22250	-214000	18		10		116		150			2.9		222		287.1	#
50#	22000	-214000		7				144			1.9				275.6		#
51#	21750	-214000	9		17		167		104			3.4		319.7		199.1	#
52#	21500	-214000		9				114		75	2				218.2		143.6#
53#	21250	-214000	17		15		75		83			2.4		143.6		158.9	#
54#	21000	-214000		15				66		68	1.9				126.3		130.2#
55#	20750	-214000	17		22		44		57			2.4		84.2		109.1	#
56#	20500	-214000		6		11		45		68	0.5		1.4		86.1		130.2#
57#	20250	-214000	36		14		35		53			1.4		67		101.4	#
58#	20000	-214000		32		3		39		84	2.4		0.5		74.7		160.8#

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	OHM.FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M #	
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=2	N=3	N=4	N=1	N=2	N=3	N=4 #	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
59#	19750	-214000	13				20		66					38.3		126.3	#	
60#	19500	-214000		6				40		69	0.5				76.6		132.1#	
61#	19250	-214000	54		22		23		45			1.9		44		86.1	#	
62#	19000	-214000		46				27			2.4				51.7		#	
63#	18750	-214000	26		20		19		50			1.9		36.4		95.7	#	
64#	18500	-214000		30				42		54	2.4				80.4		103.4#	
65#	18250	-214000	43		15		29		51			1.5		55.5		97.6	#	
66#	18000	-214000		33		18		46		42	2.9		1.4		88.1		80.4#	
67#	17750	-214000	38		19		33		40			1.5		63.2		76.6	#	
68#	17500	-214000		21		17		35		44	1.4		1.4		67		84.2#	
69#	17250	-214000	16		19		31		40			1.5		59.3		76.6	#	
70#	17000	-214000		18		12		42		80	1.4		1.8		80.4		153.1#	
71#	16750	-214000	48		8		21		87			1.3		40.2		166.5	#	
72#	16500	-214000		5		4		48		71	0.5		0.5		91.9		135.9#	
73#	16250	-214000	62		17		20		44			1.4		38.3		84.2	#	
74#	16000	-214000		36				21			1.4				40.2		#	
75#	15750	-214000	42		22		12		34			1.4		23		65.1	#	
76#	15500	-214000		21		25		24		40	1		1.9		45.9		76.6#	
77#	15250	-214000	26		23		29		33			1.5		55.5		63.2	#	
78#	15000	-214000		16		52		46		34	1.4		3.4		88.1		65.1#	
79#	14750	-214000	40		16		69		48			1.5		132.1		91.9	#	
80#	14500	-214000		40		9		25		80	1.9		1.4		47.9		153.1#	
81#	14250	-214000	79		17		19		43			1.4		36.4		82.3	#	
82#	14000	-214000		34		25		37		70	2.4		3.3		70.8		134.0#	
83#	13750	-214000	43		24		35		62			2.8		67		118.7	#	
84#	13500	-214000		31		16		56		79	3.3		2.4		107.2		151.2#	
85#	13250	-214000	41		28		43		72			3.9		82.3		137.8	#	
86#	13000	-214000		14				52			1.4				99.5		#	
87#	12750	-214000	36		11		35		143			3		67		273.7	#	
88#	12500	-214000		27		20		56		37	2.9		1.4		107.2		70.8#	
89#	12250	-214000	24		40		41		31			2.4		78.5		59.3	#	
90#	12000	-214000		48		11		26		111	2.4		2.3		49.8		212.5#	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	OHM.FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M	#
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=2	N=3	N=4	N=1	N=2	N=3	N=4	#
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	11750	-214000	52		17		24		103			3.4		45.9		197.2		#
92#	11500	-214000		12		2		81		313	1.9		1.2		155		599.1#	
93#	11250	-214000	43		9		41		260			4.5		78.5		497.7		#
94#	11000	-214000		14		6		142		289	3.8		3.3		271.8		553.2#	
95#	10750	-214000	29		11		85		184			3.9		162.7		352.2		#
96#	10500	-214000		27		25		55		99	2.8		4.7		105.3		189.5#	
97#	10250	-214000	11		78		87		32			4.8		166.5		61.3		#
98#	10000	-214000		16				64			2				122.5		#	
99#	9750	-214000	14		36		91		35			2.4		174.2		67		#
100#	9500	-214000		16		25		61		61	1.9		2.9		116.8		116.8#	
101#	9250	-214000	26		11		38		118			2.5		72.7		225.9		#
102#	9000	-214000		18		12		85		205	2.9		4.7		162.7		392.4#	
103#	8750	-214000	37		13		27		172			4.3		51.7		329.2		#
104#	8500	-214000		21		13		71		193	2.9		4.8		135.9		369.4#	
105#	8250	-214000	62		16		16		91			2.8		30.6		174.2		#
106#	8000	-214000		45		28		28		72	2.4		3.9		53.6		137.8#	
107#	7750	-214000	83		54		21		23			2.4		40.2		44		#
108#	7500	-214000		50		28		20		54	1.9		2.9		38.3		103.4#	
109#	7250	-214000	91		30		11		50			2.9		21.1		95.7		#
110#	7000	-214000		41				31			2.4				59.3		#	
111#	6750	-214000	73		33		17		38			2.4		32.5		72.7		#
112#	6500	-214000		70		24		25		62	3.3		2.8		47.9		118.7#	
113#	6250	-214000	79		30		19		33			1.9		36.4		63.2		#
114#	6000	-214000		83		36		18		14	2.9		1		34.5		26.8#	
115#	5750	-214000	45		62		28		8			0.9		53.6		15.3		#
116#	5500	-214000		36				14		12	1				26.8		23.0#	
117#	5250	-214000	71		42		7		24			1.9		13.4		45.9		#
118#	5000	-214000		107		24		14		51	2.9		2.3		26.8		97.6#	
119#	4750	-214000	67		36		15		35			2.4		28.7		67		#
120#	4500	-214000		31		94		48		16	2.8		2.9		91.9		30.6#	
121#	4250	-214000	100		58		15		26			2.9		28.7		49.8		#
122#	4000	-214000		111				9			1.9				17.2		#	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	OHM.FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M #	
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=2	N=3	N=4	N=1	N=2	N=3	N=4 #	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
123#	3750	-214000	63		117		8		15			3.4		15.3		28.7	#	
124#	3500	-214000		117		88		15		17	3.4		2.9		28.7		32.5#	
125#	3250	-214000	83		79		12		19			2.9		23		36.4	#	
126#	3000	-214000		88		52		17		29	2.9		2.9		32.5		55.5#	
127#	2750	-214000	300		71		5		28			3.8		9.6		53.6	#	
128#	2500	-214000		83		62		9		40	1.4		4.7		17.2		76.6#	
129#	2250	-214000	94		77		8		13			1.9		15.3		24.9	#	
130#	2000	-214000		96		87		13		20	2.4		3.3		24.9		38.3#	
131#	1750	-214000	156		43		8		23			1.9		15.3		44	#	
132#	1500	-214000		70		52		18		29	2.4		2.9		34.5		55.5#	
133#	1250	-214000	50		43		20		23			1.9		38.3		44	#	
134#	1000	-214000		31				32			1.9				61.3		#	
135#	750	-214000	68		50		22		20			1.9		42.1		38.3	#	
136#	500	-214000		74		97		17		18	2.4		3.3		32.5		34.5#	
137#	250	-214000	78		83		16		18			2.9		30.6		34.5	#	
138#	0	-214000		87		87		20		268	3.3		44.6		38.3		513.0#	
139#	-250	-214000	107		55		14		32			3.4		26.8		61.3	#	
140#	-500	-214000		33		112		30		20	1.9		4.3		57.4		38.3#	
141#	-750	-214000	89		84		14		21			3.4		26.8		40.2	#	
142#	-1000	-214000		167		59		12		34	3.8		3.8		23		65.1#	
143#	-1250	-214000	143		83		7		18			2.9		13.4		34.5	#	
144#	-1500	-214000		134		111		13		18	3.3		3.8		24.9		34.5#	
145#	-1750	-214000	107		154		14		13			3.8		26.8		24.9	#	
146#	-2000	-214000		73				17			2.4				32.5		#	
147#	-2250	-214000	139		95		9		21			3.8		17.2		40.2	#	
148#	-2500	-214000		125		79		12		19	2.9		2.9		23		36.4#	
149#	-2750	-214000	175		167		10		12			3.8		19.1		23	#	
150#	-3000	-214000		167		114		12		11	3.8		2.4		23		21.1#	
151#	-3250	-214000	188		58		8		13			1.4		15.3		24.9	#	
152#	-3500	-214000		175		150		10		15	3.3		4.3		19.1		28.7#	
153#	-3750	-214000	157		187		8		12			4.3		15.3		23	#	
154#	-4000	-214000		125		111		8		18	1.9		3.8		15.3		34.5#	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	OHM.FT N=3	F N=4	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M # N=4 #	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
155#	-4250	-214000	55		111		9		18			3.8		17.2		34.5	#	
156#	-4500	-214000		116		74		15		17	3.3		2.4		28.7		32.5#	
157#	-4750	-214000	114		125		11		14			3.3		21.1		26.8	#	
158#	-5000	-214000		91				11			1.9				21.1		#	
159#	-5250	-214000	125		83		10		12			1.9		19.1		23	#	
160#	-5500	-214000		115		100		13		10	2.9		1.9		24.9		19.1#	
161#	-5750	-214000	42		77		12		13			1.9		23		24.9	#	
162#	-6000	-214000		33		44		15		17	0.9		1.4		28.7		32.5#	
163#	-6250	-214000	100		62		10		16			1.9		19.1		30.6	#	
164#	-6500	-214000		96		37		13		20	2.4		1.4		24.9		38.3#	
165#	-6750	-214000	75		69		10		18			2.4		19.1		34.5	#	
166#	-7000	-214000		53		31		14		24	1.4		1.4		26.8		45.9#	
167#	-7250	-214000	94		37		8		20			1.4		15.3		38.3	#	
168#	-7500	-214000		62		27		12		27	1.4		1.4		23		51.7#	
169#	-7750	-214000	179		29		7		17			0.9		13.4		32.5	#	
170#	-8000	-214000		91				11			1.9				21.1		#	
171#	-8250	-214000	75		63		10		16			1.9		19.1		30.6	#	
172#	-8500	-214000		78				16		10	2.4				30.6		19.1#	
173#	-8750	-214000	64		113		11		11			2.4		21.1		21.1	#	
174#	-9000	-214000		100		38		10		13	1.9		0.9		19.1		24.9#	
175#	-9250	-214000	167		77		6		13			1.9		11.5		24.9	#	
176#	-9500	-214000		50		32		10		31	1		1.9		19.1		59.3#	
177#	-9750	-214000	179		46		7		27			2.4		13.4		51.7	#	
178#	-10000	-214000		79		68		22		22	3.3		2.9		42.1		42.1#	
179#	-10250	-214000	125		62		10		20			2.4		19.1		38.3	#	
180#	-10500	-214000		125		83		10		18	2.4		2.9		19.1		34.5#	
181#	-10750	-214000	125		150		6		10			2.9		11.5		19.1	#	
182#	-11000	-214000		125				8			1.9				15.3		#	
183#	-11250	-214000	83		194		12		9			3.3		23		17.2	#	
184#	-11500	-214000		56		75		18		10	1.9		1.4		34.5		19.1#	
185#	-11750	-214000	91		54		11		23			2.4		21.1		44	#	
186#	-12000	-214000		109		37		16		47	3.3		3.3		30.6		90.0#	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	OHM.FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M	#
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=2	N=3	N=4	N=1	N=2	N=3	N=4	#
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
187#	-12250	-214000	125		52		8		34			3.4		15.3		65.1		#
188#	-12500	-214000		56		25		18		70	1.9		3.3		34.5		134.0#	
189#	-12750	-214000	139		24		9		41			1.9		17.2		78.5		#
190#	-13000	-214000		48		26		21		29	1.9		1.4		40.2		55.5#	
191#	-13250	-214000	42				12		15					23		28.7		#
192#	-13500	-214000		104		64		12		39	2.4		4.8		23		74.7#	
193#	-13750	-214000	69		67		18		30			3.8		34.5		57.4		#
194#	-14000	-214000		44				46			3.9				88.1		#	
195#	-14250	-214000	18		25		56		30			1.4		107.2		57.4		#
196#	-14500	-214000		17				44		16	1.4				84.2		30.6#	
197#	-14750	-214000	50		17		20		30			1		38.3		57.4		#
198#	-15000	-214000		83		33		15		30	2.4		1.9		28.7		57.4#	
199#	-15250	-214000	45		133		39		15			3.8		74.7		28.7		#
200#	-15500	-214000		38				46		17	3.3				88.1		32.5#	
201#	-15750	-214000	71		28		28		62			3.3		53.6		118.7		#
202#	-16000	-214000		47		3		32		379	2.9		2.2		61.3		725.5#	
203#	-16250	-214000	92		7		19		224			3		36.4		428.8		#
204#	-16500	-214000		15		11		120		161	3.4		3.4		229.7		308.2#	
205#	-16750	-214000	30		21		58		96			3.9		111		183.8		#
206#	-17000	-214000		32				63			3.9				120.6		#	
207#	-17250	-214000	30		83		67		21			3.3		128.2		40.2		#
208#	-17500	-214000		39		25		26		79	1.9		3.8		49.8		151.2#	
209#	-17750	-214000	27		12		64		105			2.4		122.5		201		#
210#	-18000	-214000		5		25		337		79	3.2		3.8		645.1		151.2#	
211#	-18250	-214000	15		8		98		270			4.1		187.6		516.8		#
212#	-18500	-214000		19		5		40		391	1.5		3.7		76.6		748.4#	
213#	-18750	-214000	29		14		26		146			3.9		49.8		279.5		#
214#	-19000	-214000		26		14		39		180	1.9		4.8		74.7		344.5#	
215#	-19250	-214000	8		17		92		45			1.5		176.1		86.1		#
216#	-19500	-214000		7		9		109		54	1.5		0.9		208.6		103.4#	
217#	-19750	-214000	14		6		53		132			1.5		101.4		252.7		#
218#	-20000	-214000		10				73			1.4				139.7		#	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	OHM.FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M #
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=2	N=3	N=4	N=1	N=2	N=3	N=4 #
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
219#	-20250	-214000	21		10		59		97			1.9		112.9		185.7	#
220#	-20500	-214000		11		14		88		104	1.9		2.8		168.4		199.1#
221#	-20750	-214000	20		12		63		105			2.4		120.6		201	#
222#	-21000	-214000		20		80		88		58	3.4		8.9		168.4		111.0#
223#	-21250	-214000	19		23		79		54			2.4		151.2		103.4	#
224#	-21500	-214000		32		24		55		82	3.4		3.8		105.3		157.0#
225#	-21750	-214000	49		18		36		85			2.9		68.9		162.7	#
226#	-22000	-214000		29		20		60		86	3.3		3.3		114.8		164.6#
227#	-22250	-214000	43		26		35		66			3.3		67		126.3	#
228#	-22500	-214000		36		22		42		71	2.9		3		80.4		135.9#
229#	-22750	-214000	43		32		23		55			3.4		44		105.3	#
230#	-23000	-214000		48				31			2.8				59.3		#
231#	-23250	-214000	41		40		37		56			4.3		70.8		107.2	#
232#	-23500	-214000		27		17		73		74	3.8		2.4		139.7		141.6#
233#	-23750	-214000	50		14		40		111			3		76.6		212.5	#
234#	-24000	-214000		29		23		68		85	3.8		3.7		130.2		162.7#
235#	-24250	-214000	36		36		48		55			3.8		91.9		105.3	#
236#	-24500	-214000		37		34		41		74	2.9		4.8		78.5		141.6#
237#	-24750	-214000	49		25		41		60			2.9		78.5		114.8	#
238#	-25000	-214000		36		27		70		92	4.8		4.8		134		176.1#
239#	-25250	-214000	41		21		49		120			4.8		93.8		229.7	#
240#	-25500	-214000		18		30		99		84	3.4		4.8		189.5		160.8#
241#	-25750	-214000	39		31		58		81			4.8		111		155	#
242#	-26000	-214000		41				55			4.3				105.3		#
243#	-26250	-214000	36		52		56		48			4.8		107.2		91.9	#
244#	-26500	-214000		37		30		54		83	3.8		4.8		103.4		158.9#
245#	-26750	-214000	38		26		53		97			4.8		101.4		185.7	#
246#	-27000	-214000		19		36		116		69	4.2		4.8		222		132.1#
247#	-27250	-214000	24		25		62		90			4.3		118.7		172.3	#
248#	-27500	-214000		33		10		45		217	2.8		4.2		86.1		415.4#
249#	-27750	-214000	40		12		31		125			2.9		59.3		239.3	#
250#	-28000	-214000		12		17		103		150	2.4		4.9		197.2		287.1#

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	OHM.FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M	#
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=2	N=3	N=4	N=1	N=2	N=3	N=4	#
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
251#	-28250	-214000	5		16		96		128			3.9		183.8		245		#
252#	-28500	-214000		14		16		142		126	3.8		3.9		271.8		241.2#	
253#	-28750	-214000	58		13		43		157			3.9		82.3		300.5		#
254#	-29000	-214000		28				54			2.9				103.4		#	
255#	-29250	-214000	21		27		82		65			3.4		157		124.4		#
256#	-29500	-214000		15		23		101		75	2.9		3.3		193.3		143.6#	
257#	-29750	-214000	18		12		110		127			2.9		210.6		243.1		#
258#	-30000	-214000		15		17		145		119	4.2		3.9		277.6		227.8#	
259#	-30250	-214000	19		17		80		147			4.8		153.1		281.4		#
260#	-30500	-214000		20		31		99		112	3.8		6.6		189.5		214.4#	
261#	-30750	-214000	19		32		79		87			5.3		151.2		166.5		#
262#	-31000	-214000		35		22		79		104	5.3		4.4		151.2		199.1#	
263#	-31250	-214000	33		27		53		103			5.3		101.4		197.2		#
264#	-31500	-214000		24		15		68		152	3.1		4.4		130.2		290.9#	
265#	-31750	-214000	47		13		48		140			3.5		91.9		268		#
266#	-32000	-214000		21				96			3.9				183.8		#	
267#	-32250	-214000	29		18		52		84			2.9		99.5		160.8		#
268#	-32500	-214000		30		19		42		162	2.4		5.9		80.4		310.1#	
269#	-32750	-214000	47		19		32		93			3.4		61.3		178		#
270#	-33000	-214000		15		35		66		114	1.9		7.6		126.3		218.2#	
271#	-33250	-214000	35		37		43		82			5.8		82.3		157		#
272#	-33500	-214000		35		60		58		100	3.9		11.5		111		191.4#	
273#	-33750	-214000	77		74		39		78			11		74.7		149.3		#
274#	-34000	-214000		85		70		50		78	8.1		10.5		95.7		149.3#	
275#	-34250	-214000	93		61		54		57			6.7		103.4		109.1		#
276#	-34500	-214000		45		31		77		97	6.6		5.8		147.4		185.7#	
277#	-34750	-214000	25		36		91		132			9.1		174.2		252.7		#
278#	-35000	-214000		19				148			5.4				283.3		#	
279#	-35250	-214000	17		37		132		95			6.7		252.7		181.8		#
280#	-35500	-214000		42		50		71		60	5.7		5.7		135.9		114.8#	
281#	-35750	-214000	68		61		44		49			5.7		84.2		93.8		#
282#	-36000	-214000		88		79		4		8	0.7		1.2		7.7		15.3#	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	OHM.FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M #	
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=2	N=3	N=4	N=1	N=2	N=3	N=4 #	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
283#	-36250	-214000	50		148		30		27			7.6		57.4		51.7	#	
284#	-36500	-214000		31				32			1.9				61.3		#	
285#	-36750	-214000	29				17		45					32.5		86.1	#	
286#	-37000	-214000		37		26		27		87	1.9		4.3		51.7		166.5#	
287#	-37250	-214000	68		13		11		57			1.4		21.1		109.1	#	
288#	-37500	-214000		30		26		25		67	1.4		3.3		47.9		128.2#	
289#	-37750	-214000	107		42		14		30			2.4		26.8		57.4	#	
290#	-38000	-214000		141				16			4.3				30.6		#	
291#	-38250	-214000	134		232		15		14			6.2		28.7		26.8	#	
292#	-38500	-214000		215		109		14		16	5.8		3.3		26.8		30.6#	
293#	-38750	-214000	102		167		17		18			5.8		32.5		34.5	#	
294#	-39000	-214000		110		59		25		38	5.3		4.3		47.9		72.7#	
295#	-39250	-214000	72		48		21		52			4.8		40.2		99.5	#	
296#	-39500	-214000		25		34		50		51	2.4		3.3		95.7		97.6#	
297#	-39750	-214000	95		25		21		51			2.4		40.2		97.6	#	
298#	-40000	-214000		40		22		25		58	1.9		2.4		47.9		111.0#	
299#	-40250	-214000	103		47		17		32			2.9		32.5		61.3	#	
300#	-40500	-214000		58		52		29		29	3.2		2.9		55.5		55.5#	
301#	-40750	-214000	29		58		35		26			2.9		67		49.8	#	
302#	-41000	-214000		31				40			2.4				76.6		#	
303#	-41250	-214000	48		29		31		43			2.4		59.3		82.3	#	
304#	-41500	-214000		33		33		38		61	2.4		3.9		72.7		116.8#	
305#	-41750	-214000	50		27		20		56			2.9		38.3		107.2	#	
306#	-42000	-214000		21		18		36		69	1.4		2.4		68.9		132.1#	
307#	-42250	-214000	17		30		30		50			2.9		57.4		95.7	#	
308#	-42500	-214000		36		11		42		111	2.9		2.3		80.4		212.5#	
309#	-42750	-214000	19		13		40		93			2.3		76.6		178	#	
310#	-43000	-214000		14		17		91		119	2.4		3.9		174.2		227.8#	
311#	-43250	-214000	14		11		69		117			2.5		132.1		224	#	
312#	-43500	-214000		12		12		108		83	2.5		1.9		206.7		158.9#	
313#	-43750	-214000	17		18		75		85			2.9		143.6		162.7	#	
314#	-44000	-214000		23				66			2.9				126.3		#	

[illegible]

SOUTH REGIONAL 2180S 500 FEET 22-
 IP 690W-362.5E LENGTH 105250 FEET
 GEOCHEMISTRY NIL
 ALONG LINE STATIONS INCREASE WEST
 TRAVERSES INCREASE SOUTH = -Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	36250	-218000	480				2.1				1.9				4			
2#	36000	-218000		274				5.3				2.8				10.1		
3#	35750	-218000	220				3.4		7.5		1.4				6.5		14.4	
4#	35500	-218000		173				5.5		7.5		1.8				10.5		14.4
5#	35250	-218000	159				4.4		5.6		1.3				8.4		10.7	
6#	35000	-218000		399				4.9				3.7				9.4		
7#	34750	-218000	216				5.8		4.9		2.4				11.1		9.4	
8#	34500	-218000		189				6.6		9		2.4				12.6		17.2
9#	34250	-218000	238		133		4.2		12		1.9		3.1		8		23	
10#	34000	-218000		142		64		8.8		21		2.4		2.6		16.8		40.2
11#	33750	-218000	116		70		4.3		15		1		2		8.2		28.7	
12#	33500	-218000		85		53		8.8		31		1.4		3.1		16.8		59.3
13#	33250	-218000	17		66		45		19		1.5		2.4		86.1		36.4	
14#	33000	-218000		125		98		12		24		2.9		4.5		23		45.9
15#	32750	-218000	79		109		19		16		2.9		3.3		36.4		30.6	
16#	32500	-218000		72		54		28		27		3.9		2.8		53.6		51.7
17#	32250	-218000	66		33		19		53		2.4		3.3		36.4		101.4	
18#	32000	-218000		36				43				3				82.3		
19#	31750	-218000	31		51		32		44		1.9		4.3		61.3		84.2	
20#	31500	-218000		39		74		39		34		2.9		4.8		74.7		65.1
21#	31250	-218000	60		51		29		34		3.3		3.3		55.5		65.1	
22#	31000	-218000		77		58		29		39		4.3		4.3		55.5		74.7
23#	30750	-218000	73		74		24		34		3.4		4.8		45.9		65.1	
24#	30500	-218000		50		60		35		42		3.3		4.8		67		80.4
25#	30250	-218000	60		33		25		45		2.9		2.8		47.9		86.1	
26#	30000	-218000		46		51		38		44		3.3		4.3		72.7		84.2

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	29750	-218000	53		35		33		36		3.3		2.4		63.2		68.9	
28#	29500	-218000		45		31		33		57		2.8		3.4		63.2		109.1
29#	29250	-218000	45		28		28		53		2.4		2.8		53.6		101.4	
30#	29000	-218000		31				56				3.3				107.2		
31#	28750	-218000	26		25		48		89		2.4		4.3		91.9		170.4	
32#	28500	-218000		23		26		88		87		3.9		4.3		168.4		166.5
33#	28250	-218000	32		21		54		93		3.3		3.7		103.4		178	
34#	28000	-218000		25		23		60		96		2.9		4.2		114.8		183.8
35#	27750	-218000	15		28		81		71		2.3		3.8		155		135.9	
36#	27500	-218000		19		33		90		68		3.3		4.3		172.3		130.2
37#	27250	-218000	24		24		82		95		3.8		4.4		157		181.8	
38#	27000	-218000		25		15		91		135		4.4		3.9		174.2		258.4
39#	26750	-218000	25		18		69		142		3.3		4.9		132.1		271.8	
40#	26500	-218000		19		13		118		167		4.3		4.2		225.9		319.7
41#	26250	-218000	14		15		141		152		3.8		4.4		269.9		290.9	
42#	26000	-218000		19				147				5.3				281.4		
43#	25750	-218000	14		9		129		250		3.5		4.3		246.9		478.5	
44#	25500	-218000		18		14		140		198		4.8		5.3		268		379
45#	25250	-218000	13		14		150		175		3.7		4.7		287.1		335	
46#	25000	-218000		14		26		200		106		5.4		5.3		382.8		202.9
47#	24750	-218000	14		21		157		131		4.2		5.3		300.5		250.8	
48#	24500	-218000		20		20		126		127		4.8		4.9		241.2		243.1
49#	24250	-218000	19		19		105		134		3.8		4.9		201		256.5	
50#	24000	-218000		21		20		109		140		4.4		5.4		208.6		268
51#	23750	-218000	13		18		99		126		2.5		4.3		189.5		241.2	
52#	23500	-218000		20		14		126		179		4.8		4.8		241.2		342.6
53#	23250	-218000	24		12		63		185		2.9		4.2		120.6		354.1	
54#	23000	-218000		20				110				4.2				210.6		
55#	22750	-218000	21		13		70		155		2.8		3.9		134		296.7	
56#	22500	-218000		14		18		121		137		3.2		4.7		231.6		262.2
57#	22250	-218000	34		16		52		122		3.4		3.7		99.5		233.5	
58#	22000	-218000		23		16		66		150		2.9		4.6		126.3		287.1

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	21750	-218000	38		17		40		101		2.9		3.3		76.6		193.3	
60#	21500	-218000		29		16		79		129		4.4		4		151.2		246.9
61#	21250	-218000	24		15		53		118		2.4		3.4		101.4		225.9	
62#	21000	-218000		19		15		93		151		3.4		4.3		178		289
63#	20750	-218000	21		11		47		140		1.9		2.9		90		268	
64#	20500	-218000		15		12		82		120		2.4		2.8		157		229.7
65#	20250	-218000	20		19		50		79		1.9		2.9		95.7		151.2	
66#	20000	-218000		16				62				1.9				118.7		
67#	19750	-218000	24		19		42		54		1.9		2		80.4		103.4	
68#	19500	-218000		17		13		44		77		1.4		1.9		84.2		147.4
69#	19250	-218000	19		20		26		64		0.9		2.5		49.8		122.5	
70#	19000	-218000		17		19		44		94		1.4		3.4		84.2		179.9
71#	18750	-218000	71		6		21		74		2.9		0.8		40.2		141.6	
72#	18500	-218000		29		11		43		88		2.4		1.9		82.3		168.4
73#	18250	-218000	31		20		24		61		1.4		2.3		45.9		116.8	
74#	18000	-218000		15		17		49		44		1.4		1.4		93.8		84.2
75#	17750	-218000	36		32		35		39		2.4		2.4		67		74.7	
76#	17500	-218000		33		44		38		33		2.4		2.8		72.7		63.2
77#	17250	-218000	38		43		33		35		2.4		2.9		63.2		67	
78#	17000	-218000		22				34				1.4				65.1		
79#	16750	-218000	46		16		22		61		1.9		1.9		42.1		116.8	
80#	16500	-218000		17		14		44		89		1.4		2.4		84.2		170.4
81#	16250	-218000	44		18		23		69		1.9		2.4		44		132.1	
82#	16000	-218000		19		12		40		103		1.5		2.4		76.6		197.2
83#	15750	-218000	37		20		27		61		1.9		2.3		51.7		116.8	
84#	15500	-218000		17		11		45		91		1.5		1.9		86.1		174.2
85#	15250	-218000	26		14		48		70		2.4		1.9		91.9		134	
86#	15000	-218000		15		16		85		76		2.4		2.3		162.7		145.5
87#	14750	-218000	11		13		93		98		2		2.4		178		187.6	
88#	14500	-218000		16		11		97		153		3		3.2		185.7		292.9
89#	14250	-218000	17		11		74		157		2.4		3.3		141.6		300.5	
90#	14000	-218000		16				123				3.8				235.4		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M	
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	13750	-218000	16		17		96		102		2.9		3.3		183.8		195.2		
92#	13500	-218000		26		25		86		112		4.3		5.4		164.6		214.4	
93#	13250	-218000	36		25		42		110		2.9		5.3		80.4		210.6		
94#	13000	-218000		27		17		64		132		3.3		4.3		122.5		252.7	
95#	12750	-218000	26		33		57		85		2.8		5.4		109.1		162.7		
96#	12500	-218000		17		22		86		115		2.8		4.8		164.6		220.1	
97#	12250	-218000	17		19		58		48		1.9		1.7		111		91.9		
98#	12000	-218000		7		21		76		121		1		4.9		145.5		231.6	
99#	11750	-218000	5		2		56		83		0.5		0.3		107.2		158.9		
100#	11500	-218000		8		13		65		94		1		2.3		124.4		179.9	
101#	11250	-218000	19		6		40		79		1.5		0.9		76.6		151.2		
102#	11000	-218000		5				53				0.5				101.4			
103#	10750	-218000	13		19		39		52		1		1.9		74.7		99.5		
104#	10500	-218000		17		16		43		48		1.4		1.5		82.3		91.9	
105#	10250	-218000	17		23		29		44		0.9		1.9		55.5		84.2		
106#	10000	-218000		35		30		36		42		2.4		2.4		68.9		80.4	
107#	9750	-218000	31		26		24		39		1.4		1.9		45.9		74.7		
108#	9500	-218000		22		25		34		59		1.4		2.8		65.1		112.9	
109#	9250	-218000	37		18		14		55		1		1.9		26.8		105.3		
110#	9000	-218000		30		17		25		72		1.4		2.3		47.9		137.8	
111#	8750	-218000	19		22		13		34		0.5		1.4		24.9		65.1		
112#	8500	-218000		36		53		21		33		1.4		3.3		40.2		63.2	
113#	8250	-218000	100		71		10		21		1.9		2.9		19.1		40.2		
114#	8000	-218000		114				11				2.4				21.1			
115#	7750	-218000	109		110		10		11		2.1		2.3		19.1		21.1		
116#	7500	-218000		51		116		10		16		1		3.6		19.1		30.6	
117#	7250	-218000	81		63		9		16		1.4		1.9		17.2		30.6		
118#	7000	-218000		63		73		16		20		1.9		2.8		30.6		38.3	
119#	6750	-218000	86		66		9		19		1.5		2.4		17.2		36.4		
120#	6500	-218000		62		43		12		35		1.4		2.9		23		67	
121#	6250	-218000	134		78		6		16		1.5		2.4		11.5		30.6		
122#	6000	-218000		83		245		12		10		1.9		4.7		23		19.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	5750	-218000	80		104		9		12		1.4		2.4		17.2		23	
124#	5500	-218000		91		97		11		16		1.9		3		21.1		30.6
125#	5250	-218000	85		62		9		16		1.5		1.9		17.2		30.6	
126#	5000	-218000		107				14				2.9				26.8		
127#	4750	-218000	54		132		14		11		1.4		2.8		26.8		21.1	
128#	4500	-218000		58		42		13		30		1.4		2.4		24.9		57.4
129#	4250	-218000	49		28		5		34		0.5		1.8		9.6		65.1	
130#	4000	-218000		47		69		16		24		1.4		3.2		30.6		45.9
131#	3750	-218000	45		104		11		12		0.9		2.4		21.1		23	
132#	3500	-218000		68		136		11		15		1.4		3.9		21.1		28.7
133#	3250	-218000	154		89		7		14		2.1		2.4		13.4		26.8	
134#	3000	-218000		113		66		11		16		2.4		2		21.1		30.6
135#	2750	-218000	59		116		19		12		2.1		2.7		36.4		23	
136#	2500	-218000		60				25		14		2.9				47.9		26.8
137#	2250	-218000	155		68		8		33		2.4		4.3		15.3		63.2	
138#	2000	-218000		200				10				3.8				19.1		
139#	1750	-218000	118		65		9		27		2		3.4		17.2		51.7	
140#	1500	-218000		60		63		21		24		2.4		2.9		40.2		45.9
141#	1250	-218000	36		87		14		20		1		3.3		26.8		38.3	
142#	1000	-218000		74				17		15		2.4				32.5		28.7
143#	750	-218000	100		135		10		14		1.9		3.6		19.1		26.8	
144#	500	-218000		167				12		15		3.8				23		28.7
145#	250	-218000	89		164		14		14		2.4		4.4		26.8		26.8	
146#	0	-218000		79		100		19		18		2.9		3.4		36.4		34.5
147#	-250	-218000	125		83		10		27		2.4		4.3		19.1		51.7	
148#	-500	-218000		109		85		16		23		3.3		3.7		30.6		44
149#	-750	-218000	154		117		7		15		2.1		3.4		13.4		28.7	
150#	-1000	-218000		218				7				2.9				13.4		
151#	-1250	-218000	280		276		5		9		2.7		4.8		9.6		17.2	
152#	-1500	-218000		300				6		15		3.4				11.5		28.7
153#	-1750	-218000	334		218		5		11		3.2		4.6		9.6		21.1	
154#	-2000	-218000		260				9		16		4.5				17.2		30.6

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	-2250	-218000	366		208		4		13		2.8		5.2		7.7		24.9	
156#	-2500	-218000		283				6		11		3.3				11.5		21.1
157#	-2750	-218000	222				5		7		2.1				9.6		13.4	
158#	-3000	-218000		490				5		10		4.7				9.6		19.1
159#	-3250	-218000	278				5		7		2.7				9.6		13.4	
160#	-3500	-218000		152				8		16		2.3				15.3		30.6
161#	-3750	-218000	104		113		10		19		2		4.1		19.1		36.4	
162#	-4000	-218000		76				23				3.3				44		
163#	-4250	-218000	100		220		15		12		2.9		5.1		28.7		23	
164#	-4500	-218000		240				9		11		4.1				17.2		21.1
165#	-4750	-218000	330		420		8		9		5.1		7.2		15.3		17.2	
166#	-5000	-218000		23				8		16		0.4				15.3		30.6
167#	-5250	-218000	125		125		12		16		2.9		3.8		23		30.6	
168#	-5500	-218000		87				23		13		3.8				44		24.9
169#	-5750	-218000	278		60		10		21		5.3		2.4		19.1		40.2	
170#	-6000	-218000		320		64		9		26		5.5		3.2		17.2		49.8
171#	-6250	-218000	416		204		8		14		6.4		5.5		15.3		26.8	
172#	-6500	-218000		295		197		11		19		6.2		7.2		21.1		36.4
173#	-6750	-218000	118		109		19		15		4.3		3.1		36.4		28.7	
174#	-7000	-218000		102				27				5.3				51.7		
175#	-7250	-218000	125		74		18		34		4.3		4.8		34.5		65.1	
176#	-7500	-218000		76		78		23		30		3.3		4.5		44		57.4
177#	-7750	-218000	125		78		16		29		3.8		4.3		30.6		55.5	
178#	-8000	-218000		76		148		23		22		3.3		6.2		44		42.1
179#	-8250	-218000	88		105		17		19		2.9		3.8		32.5		36.4	
180#	-8500	-218000		154		123		13		20		3.8		4.7		24.9		38.3
181#	-8750	-218000	150		117		15		15		4.3		3.4		28.7		28.7	
182#	-9000	-218000		140		70		16		32		4.3		4.3		30.6		61.3
183#	-9250	-218000	140		68		16		33		4.3		4.3		30.6		63.2	
184#	-9500	-218000		51		52		39		53		3.8		5.3		74.7		101.4
185#	-9750	-218000	125		36		16		62		3.8		4.3		30.6		118.7	
186#	-10000	-218000		53				33				3.3				63.2		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
187#	-10250	-218000	79		80		19		25		2.9		3.8		36.4		47.9	
188#	-10500	-218000		103		29		17		34		3.4		1.9		32.5		65.1
189#	-10750	-218000	95		94		21		24		3.8		4.3		40.2		45.9	
190#	-11000	-218000		33		41		38		27		2.4		2.1		72.7		51.7
191#	-11250	-218000	54		35		42		43		4.3		2.9		80.4		82.3	
192#	-11500	-218000		42		45		53		45		4.3		3.9		101.4		86.1
193#	-11750	-218000	52		42		29		60		2.9		4.8		55.5		114.8	
194#	-12000	-218000		63		61		36		41		4.3		4.8		68.9		78.5
195#	-12250	-218000	58		98		43		23		4.8		4.3		82.3		44	
196#	-12500	-218000		69		63		29		40		3.8		4.8		55.5		76.6
197#	-12750	-218000	78		40		29		50		4.3		3.8		55.5		95.7	
198#	-13000	-218000		31				57				3.4				109.1		
199#	-13250	-218000	42		41		42		55		3.4		4.3		80.4		105.3	
200#	-13500	-218000		56		29		40		78		4.3		4.3		76.6		149.3
201#	-13750	-218000	83		39		21		64		3.3		4.8		40.2		122.5	
202#	-14000	-218000		49		37		36		76		3.4		5.4		68.9		145.5
203#	-14250	-218000	34		41		37		43		2.4		3.4		70.8		82.3	
204#	-14500	-218000		28		57		53		35		2.8		3.8		101.4		67
205#	-14750	-218000	53		51		33		44		3.3		4.3		63.2		84.2	
206#	-15000	-218000		67		39		30		58		3.8		4.3		57.4		111
207#	-15250	-218000	46		63		33		40		2.9		4.8		63.2		76.6	
208#	-15500	-218000		43		60		47		40		3.9		4.6		90		76.6
209#	-15750	-218000	51		43		39		52		3.8		4.3		74.7		99.5	
210#	-16000	-218000		32				54				3.3				103.4		
211#	-16250	-218000	36		12		35		202		2.4		4.6		67		386.7	
212#	-16500	-218000		14		17		146		161		3.9		5.2		279.5		308.2
213#	-16750	-218000	8		20		184		125		2.8		4.8		352.2		239.3	
214#	-17000	-218000		10		39		173		58		3.3		4.3		331.1		111
215#	-17250	-218000	24		25		73		79		3.4		3.8		139.7		151.2	
216#	-17500	-218000		56		21		36		105		3.9		4.2		68.9		201
217#	-17750	-218000	25		37		80		54		3.8		3.8		153.1		103.4	
218#	-18000	-218000		12		27		143		92		3.3		4.8		273.7		176.1

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
219#	-18250	-218000	13		9		119		248		3		4.3		227.8		474.7	
220#	-18500	-218000		8		8		282		316		4.3		4.8		539.8		604.9
221#	-18750	-218000	32		6		63		36		3.9		0.4		120.6		68.9	
222#	-19000	-218000		16				110				3.4				210.6		
223#	-19250	-218000	20		47		76		48		2.9		4.3		145.5		91.9	
224#	-19500	-218000		71		34		35		74		4.8		4.8		67		141.6
225#	-19750	-218000	37		43		47		58		3.3		4.8		90		111	
226#	-20000	-218000		29		13		69		168		3.8		4.2		132.1		321.6
227#	-20250	-218000	37		11		54		214		3.8		4.5		103.4		409.6	
228#	-20500	-218000		14		32		163		63		4.4		3.9		312		120.6
229#	-20750	-218000	13		49		113		51		2.8		4.8		216.3		97.6	
230#	-21000	-218000		26		38		39		66		1.9		4.8		74.7		126.3
231#	-21250	-218000	18		49		55		41		1.9		3.8		105.3		78.5	
232#	-21500	-218000		39		46		51		54		3.8		4.8		97.6		103.4
233#	-21750	-218000	22		23		57		75		2.4		3.3		109.1		143.6	
234#	-22000	-218000		13				98				2.4				187.6		
235#	-22250	-218000	117		11		15		135		3.4		2.8		28.7		258.4	
236#	-22500	-218000		76		14		23		126		3.3		3.4		44		241.2
237#	-22750	-218000	92		88		19		20		3.3		3.4		36.4		38.3	
238#	-23000	-218000		105		70		19		32		3.8		4.3		36.4		61.3
239#	-23250	-218000	83		63		21		32		3.3		3.9		40.2		61.3	
240#	-23500	-218000		70		73		32		31		4.3		4.3		61.3		59.3
241#	-23750	-218000	87		78		23		32		3.8		4.8		44		61.3	
242#	-24000	-218000		90		61		25		40		4.3		4.7		47.9		76.6
243#	-24250	-218000	92		76		19		33		3.3		4.8		36.4		63.2	
244#	-24500	-218000		109		44		23		48		4.8		4		44		91.9
245#	-24750	-218000	75		74		30		34		4.3		4.8		57.4		65.1	
246#	-25000	-218000		52				43				4.3				82.3		
247#	-25250	-218000	67		48		26		42		3.3		3.9		49.8		80.4	
248#	-25500	-218000		54		40		28		56		2.9		4.3		53.6		107.2
249#	-25750	-218000	88		59		20		38		3.4		4.3		38.3		72.7	
250#	-26000	-218000		69		77		29		30		3.8		4.4		55.5		57.4

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
251#	-26250	-218000	60		114		25		24		2.9		5.2		47.9		45.9	
252#	-26500	-218000		91		110		22		29		3.8		6.1		42.1		55.5
253#	-26750	-218000	200		102		15		27		5.7		5.3		28.7		51.7	
254#	-27000	-218000		136		76		22		46		5.7		6.7		42.1		88.1
255#	-27250	-218000	92		58		30		39		5.3		4.3		57.4		74.7	
256#	-27500	-218000		46		106		60		32		5.3		6.5		114.8		61.3
257#	-27750	-218000	71		60		35		50		4.8		5.7		67		95.7	
258#	-28000	-218000		86				32				5.3				61.3		
259#	-28250	-218000	77		69		26		47		3.8		6.2		49.8		90	
260#	-28500	-218000		64		55		43		59		5.3		6.2		82.3		112.9
261#	-28750	-218000	72		52		38		58		5.2		5.8		72.7		111	
262#	-29000	-218000		42		39		59		70		4.7		5.2		112.9		134
263#	-29250	-218000	64		42		35		77		4.3		6.2		67		147.4	
264#	-29500	-218000		49		54		51		56		4.8		5.8		97.6		107.2
265#	-29750	-218000	61		86		41		38		4.8		6.3		78.5		72.7	
266#	-30000	-218000		79		52		35		58		5.3		5.8		67		111
267#	-30250	-218000	69		35		36		57		4.8		3.8		68.9		109.1	
268#	-30500	-218000		25		30		59		83		2.8		4.8		112.9		158.9
269#	-30750	-218000	43		19		47		94		3.9		3.4		90		179.9	
270#	-31000	-218000		24				83				3.8				158.9		
271#	-31250	-218000	35		22		50		112		3.3		4.7		95.7		214.4	
272#	-31500	-218000		37		18		75		154		5.3		5.3		143.6		294.8
273#	-31750	-218000	29		24		86		106		4.8		4.9		164.6		202.9	
274#	-32000	-218000		19		38		143		87		5.2		6.3		273.7		166.5
275#	-32250	-218000	23		20		109		124		4.8		4.7		208.6		237.4	
276#	-32500	-218000		26		13		106		197		5.3		4.9		202.9		377.1
277#	-32750	-218000	25		17		90		179		4.3		5.8		172.3		342.6	
278#	-33000	-218000		14		20		185		149		5		5.7		354.1		285.2
279#	-33250	-218000	13		16		159		155		4		4.7		304.3		296.7	
280#	-33500	-218000		6		10		156		143		1.8		2.7		298.6		273.7
281#	-33750	-218000	13		13		78		152		1.9		3.8		149.3		290.9	
282#	-34000	-218000		22				89				3.7				170.4		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
283#	-34250	-218000	23				75		123		3.3				143.6		235.4	
284#	-34500	-218000			20					149			20					285.2
285#	-34750	-218000	20		25		75		163		2.9		7.8		143.6		312	
286#	-35000	-218000		30		11		127		332		7.3		7		243.1		635.5
287#	-35250	-218000	22		13		113		262		4.8		6.5		216.3		501.5	
288#	-35500	-218000		13		15		248		186		6.2		5.3		474.7		356
289#	-35750	-218000	11		18		325		165		6.8		5.7		622.1		315.8	
290#	-36000	-218000		14		20		236		137		6.3		5.2		451.7		262.2
291#	-36250	-218000	25		21		110		193		5.3		7.8		210.6		369.4	
292#	-36500	-218000		31		44		113		80		6.7		6.7		216.3		153.1
293#	-36750	-218000	27		49		92		53		4.8		5		176.1		101.4	
294#	-37000	-218000		38				53				3.9				101.4		
295#	-37250	-218000	63		21		28		131		3.4		5.3		53.6		250.8	
296#	-37500	-218000		30		22		75		139		4.3		5.9		143.6		266.1
297#	-37750	-218000	53		33		47		76		4.8		4.8		90		145.5	
298#	-38000	-218000		48		49		58		66		5.3		6.2		111		126.3
299#	-38250	-218000	167		59		15		51		4.8		5.8		28.7		97.6	
300#	-38500	-218000		232		45		14		78		6.2		6.7		26.8		149.3
301#	-38750	-218000	147		153		17		23		4.8		6.7		32.5		44	
302#	-39000	-218000		99		65		33		54		6.3		6.7		63.2		103.4
303#	-39250	-218000	115		37		26		81		5.7		5.7		49.8		155	
304#	-39500	-218000		44				69				5.8				132.1		
305#	-39750	-218000	71		56		39		58		5.3		6.2		74.7		111	
306#	-40000	-218000		79				35				5.3				67		
307#	-40250	-218000	70		54		25		51		3.3		5.3		47.9		97.6	
308#	-40500	-218000		63		67		44		52		5.3		6.7		84.2		99.5
309#	-40750	-218000	45		56		56		49		4.8		5.3		107.2		93.8	
310#	-41000	-218000		33		81		68		31		4.3		4.8		130.2		59.3
311#	-41250	-218000	83		51		30		49		4.8		4.8		57.4		93.8	
312#	-41500	-218000		90		34		25		89		4.3		5.8		47.9		170.4
313#	-41750	-218000	80		53		25		47		3.8		4.8		47.9		90	
314#	-42000	-218000		25		20		51		127		2.4		4.9		97.6		243.1

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
315#	-42250	-218000	37		11		34		141		2.4		3		65.1		269.9	
316#	-42500	-218000		19		32		107		62		3.9		3.8		204.8		118.7
317#	-42750	-218000	29		20		51		101		2.8		3.9		97.6		193.3	
318#	-43000	-218000		29				51				2.8				97.6		
319#	-43250	-218000	22		20		79		75		3.3		2.9		151.2		143.6	
320#	-43500	-218000		13		22		131		91		3.3		3.8		250.8		174.2
321#	-43750	-218000	9		11		133		163		2.3		3.4		254.6		312	
322#	-44000	-218000		7		18		210		112		2.8		3.9		402		214.4
323#	-44250	-218000	15		11		118		160		3.4		3.4		225.9		306.3	
324#	-44500	-218000		21		9		95		214		3.8		3.7		181.8		409.6
325#	-44750	-218000	21		18		83		127		3.3		4.4		158.9		243.1	
326#	-45000	-218000		20		21		128		118		4.9		4.7		245		225.9
327#	-45250	-218000	15		22		99		113		2.8		4.8		189.5		216.3	
328#	-45500	-218000		24		25		95		91		4.4		4.4		181.8		174.2
329#	-45750	-218000	58		24		39		82		4.3		3.8		74.7		157	
330#	-46000	-218000		56				40				4.3				76.6		
331#	-46250	-218000	43		52		41		43		3.4		4.3		78.5		82.3	
332#	-46500	-218000		61		46		41		60		4.8		5.3		78.5		114.8
333#	-46750	-218000	72		37		28		61		3.9		4.3		53.6		116.8	
334#	-47000	-218000		47		31		43		64		3.9		3.8		82.3		122.5
335#	-47250	-218000	125		45		20		50		4.8		4.3		38.3		95.7	
336#	-47500	-218000		93		46		27		54		4.8		4.8		51.7		103.4
337#	-47750	-218000	78		92		16		30		2.4		5.3		30.6		57.4	
338#	-48000	-218000		68		97		22		32		2.9		5.9		42.1		61.3
339#	-48250	-218000	72		87		14		23		1.9		3.8		26.8		44	
340#	-48500	-218000		79		30		19		41		2.9		2.4		36.4		78.5
341#	-48750	-218000	91		22		11		34		1.9		1.4		21.1		65.1	
342#	-49000	-218000		36				21				1.4				40.2		
343#	-49250	-218000	53		31		19		48		1.9		2.8		36.4		91.9	
344#	-49500	-218000		33		36		46		42		2.9		2.9		88.1		80.4
345#	-49750	-218000	37		42		27		42		1.9		3.4		51.7		80.4	
346#	-50000	-218000		50		24		30		63		2.9		2.9		57.4		120.6

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
347#	-50250	-218000	54		40		23		50		2.4		3.8		44		95.7	
348#	-50500	-218000		31				49		44		2.9				93.8		84.2
349#	-50750	-218000	22		31		56		49		2.4		2.9		107.2		93.8	
350#	-51000	-218000		31		41		65		49		3.9		3.8		124.4		93.8
351#	-51250	-218000	37		34		41		66		2.9		4.3		78.5		126.3	
352#	-51500	-218000		43		32		52		62		4.3		3.8		99.5		118.7
353#	-51750	-218000	27		44		64		51		3.3		4.3		122.5		97.6	
354#	-52000	-218000		38				79				5.7				151.2		
355#	-52250	-218000	32		15		47		116		2.9		3.3		90		222	
356#	-52500	-218000		18		16		85		145		2.9		4.4		162.7		277.6
357#	-52750	-218000	28		16		36		109		1.9		3.3		68.9		208.6	
358#	-53000	-218000		32		17		55		120		3.4		3.9		105.3		229.7
359#	-53250	-218000	33		36		45		63		2.8		4.3		86.1		120.6	
360#	-53500	-218000		31		38		56		60		3.3		4.4		107.2		114.8
361#	-53750	-218000	25		35		50		57		2.4		3.8		95.7		109.1	
362#	-54000	-218000		27		32		56		71		2.9		4.3		107.2		135.9
363#	-54250	-218000	51		50		44		74		4.3		7.1		84.2		141.6	
364#	-54500	-218000		26		29		68		85		3.4		4.7		130.2		162.7
365#	-54750	-218000	48		24		51		84		4.7		3.9		97.6		160.8	
366#	-55000	-218000		30				50				2.9				95.7		
367#	-55250	-218000	50		40		20		62		1.9		4.7		38.3		118.7	
368#	-55500	-218000		62		27		32		100		3.8		5.2		61.3		191.4
369#	-55750	-218000	78		80		16		28		2.4		4.3		30.6		53.6	
370#	-56000	-218000		52		28		43		106		4.3		5.7		82.3		202.9
371#	-56250	-218000	80		42		25		71		3.8		5.7		47.9		135.9	
372#	-56500	-218000		47		40		43		70		3.9		5.4		82.3		134
373#	-56750	-218000	103		54		29		51		5.7		5.3		55.5		97.6	
374#	-57000	-218000		86		37		37		67		6.1		4.7		70.8		128.2
375#	-57250	-218000	66		57		49		48		6.2		5.2		93.8		91.9	
376#	-57500	-218000		40		64		69		39		5.3		4.8		132.1		74.7
377#	-57750	-218000	29		49		85		56		4.7		5.3		162.7		107.2	
378#	-58000	-218000		33				16				1				30.6		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
379#	-58250	-218000	57		64		35		43		3.8		5.3		67		82.3	
380#	-58500	-218000		100		27		25		110		4.8		5.7		47.9		210.6
381#	-58750	-218000	119		81		21		34		4.8		5.3		40.2		65.1	
382#	-59000	-218000		87		54		26		46		4.3		4.8		49.8		88.1
383#	-59250	-218000	79		56		19		36		2.9		3.9		36.4		68.9	
384#	-59500	-218000		48		41		26		55		2.4		4.3		49.8		105.3
385#	-59750	-218000	139		32		9		39		2.4		2.4		17.2		74.7	
386#	-60000	-218000		107		16		14		63		2.9		1.9		26.8		120.6
387#	-60250	-218000	83		73		9		24		1.4		3.4		17.2		45.9	
388#	-60500	-218000		83		117		18		23		2.9		5.2		34.5		44
389#	-60750	-218000	91		97		11		18		1.9		3.3		21.1		34.5	
390#	-61000	-218000		19				13				0.5				24.9		
391#	-61250	-218000	108		58		9		39		1.9		4.3		17.2		74.7	
392#	-61500	-218000		52		81		34		27		3.4		4.2		65.1		51.7
393#	-61750	-218000	62		80		20		25		2.4		3.8		38.3		47.9	
394#	-62000	-218000		83		80		18		20		2.9		3.1		34.5		38.3
395#	-62250	-218000	104		118		12		17		2.4		3.8		23		32.5	
396#	-62500	-218000		154		73		13		31		3.8		4.3		24.9		59.3
397#	-62750	-218000	56		70		18		25		1.9		3.3		34.5		47.9	
398#	-63000	-218000		18		63		42		32		1.4		3.9		80.4		61.3
399#	-63250	-218000	44		16		17		62		1.4		1.9		32.5		118.7	
400#	-63500	-218000		8		23		32		65		0.5		2.9		61.3		124.4
401#	-63750	-218000	96		34		13		37		2.4		2.4		24.9		70.8	
402#	-64000	-218000		60				21				2.4				40.2		
403#	-64250	-218000	45		100		22		14		1.9		2.7		42.1		26.8	
404#	-64500	-218000		42		133		18		15		1.4		3.8		34.5		28.7
405#	-64750	-218000	38		25		13		20		0.9		1		24.9		38.3	
406#	-65000	-218000		74		65		17		23		2.4		2.9		32.5		44
407#	-65250	-218000	68		79		11		19		1.4		2.9		21.1		36.4	
408#	-65500	-218000		77		50		13		30		1.9		2.9		24.9		57.4
409#	-65750	-218000	76		46		7		22		1		1.9		13.4		42.1	
410#	-66000	-218000		83		33		12		30		1.9		1.9		23		57.4

[illegible]

GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST =-X, INCREA
 TRAVERSES INCREASE SOUTH = -Y
 X,Y,MFN=1,N=2,N=3,N=4,R/2PIN=1,N=2,N=3,N=4
 I6,2X,I7,4X,,8F5.1

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	54500	-222000		70		39		25		52		3.3		3.9		47.9		99.5
2#	54250	-222000	83		57		12		48		1.9		5.2		23		91.9	
3#	54000	-222000		56		51		27		54		2.9		5.3		51.7		103.4
4#	53750	-222000	54		66		14		34		1.4		4.3		26.8		65.1	
5#	53500	-222000		83		53		21		38		3.3		3.9		40.2		72.7
6#	53250	-222000	107		77		7		26		1.4		3.8		13.4		49.8	
7#	53000	-222000		91				11				1.9				21.1		
8#	52750	-222000	143		117		14		15		3.8		3.4		26.8		28.7	
9#	52500	-222000		100		100		20		20		3.8		3.8		38.3		38.3
10#	52250	-222000	94		83		16		24		2.9		3.8		30.6		45.9	
11#	52000	-222000		80		72		22		28		3.4		3.9		42.1		53.6
12#	51750	-222000	89		52		14		29		2.4		2.9		26.8		55.5	
13#	51500	-222000		92		70		19		32		3.3		4.3		36.4		61.3
14#	51250	-222000	107		87		14		23		2.9		3.8		26.8		44	
15#	51000	-222000		88		40		20		31		3.4		2.4		38.3		59.3
16#	50750	-222000	104		60		12		29		2.4		3.3		23		55.5	
17#	50500	-222000		57		56		22		36		2.4		3.9		42.1		68.9
18#	50250	-222000	45		48		11		31		0.9		2.8		21.1		59.3	
19#	50000	-222000		53				19				1.9				36.4		
20#	49750	-222000	36		46		7		38		0.5		3.3		13.4		72.7	
21#	49500	-222000		56		33		18		69		1.9		4.4		34.5		132.1
22#	49250	-222000	94		33		8		38		1.4		2.4		15.3		72.7	
23#	49000	-222000		48		30		21		50		1.9		2.9		40.2		95.7
24#	48750	-222000	45		23		11		32		0.9		1.4		21.1		61.3	
25#	48500	-222000		53		42		19		24		1.9		1.9		36.4		45.9
26#	48250	-222000	88		33		17		15		2.9		0.9		32.5		28.7	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	48000	-222000		103				17		12		3.4				32.5		23
28#	47750	-222000	83		133		18		15		2.9		3.8		34.5		28.7	
29#	47500	-222000		97		125		18		18		3.3		4.3		34.5		34.5
30#	47250	-222000	91		83		11		24		1.9		3.8		21.1		45.9	
31#	47000	-222000		59				17				1.9				32.5		
32#	46750	-222000	42		95		6		29		0.5		5.3		11.5		55.5	
33#	46500	-222000		125		78		12		45		2.9		6.7		23		86.1
34#	46250	-222000	150		138		5		20		1.4		5.3		9.6		38.3	
35#	46000	-222000		204		162		11		17		4.3		5.3		21.1		32.5
36#	45750	-222000	156		200		8		10		2.4		3.8		15.3		19.1	
37#	45500	-222000		250		225		8		10		3.8		4.3		15.3		19.1
38#	45250	-222000	125		250		8		9		1.9		4.3		15.3		17.2	
39#	45000	-222000		75		111		10		9		1.4		1.9		19.1		17.2
40#	44750	-222000	143		91		7		22		1.9		3.8		13.4		42.1	
41#	44500	-222000		195		21		9		12		3.4		0.5		17.2		23
42#	44250	-222000	150		204		5		11		1.4		4.3		9.6		21.1	
43#	44000	-222000		292				6				3.4				11.5		
44#	43750	-222000	42		333		6		6		0.5		3.8		11.5		11.5	
45#	43500	-222000		300		250		5		9		2.9		4.3		9.6		17.2
46#	43250	-222000	125		286		4		7		1		3.8		7.7		13.4	
47#	43000	-222000		350		200		5		5		3.3		1.9		9.6		9.6
48#	42750	-222000	100		286		5		7		1		3.8		9.6		13.4	
49#	42500	-222000		250		219		5		8		2.4		3.4		9.6		15.3
50#	42250	-222000	83		214		6		7		1		2.9		11.5		13.4	
51#	42000	-222000		167				6		9		1.9				11.5		17.2
52#	41750	-222000	36		56		7		18		0.5		1.9		13.4		34.5	
53#	41500	-222000		28				9		13		0.5				17.2		24.9
54#	41250	-222000	28		17		9		15		0.5		0.5		17.2		28.7	
55#	41000	-222000		38				13				0.9				24.9		
56#	40750	-222000	21		10		12		15		0.5		0.3		23		28.7	
57#	40500	-222000		50		78		15		16		1.4		2.4		28.7		30.6
58#	40250	-222000	58		47		13		16		1.4		1.4		24.9		30.6	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	40000	-222000		31		39		16		19		0.9		1.4		30.6		36.4
60#	39750	-222000	67		25		15		20		1.9		1		28.7		38.3	
61#	39500	-222000		26		54		19		23		0.9		2.4		36.4		44
62#	39250	-222000	58		54		13		23		1.4		2.4		24.9		44	
63#	39000	-222000		44		28		17		27		1.4		1.4		32.5		51.7
64#	38750	-222000	38		45		13		22		0.9		1.9		24.9		42.1	
65#	38500	-222000		13		31		19		24		0.5		1.4		36.4		45.9
66#	38250	-222000	42		23		12		22		1		1		23		42.1	
67#	38000	-222000		29				17				0.9				32.5		
68#	37750	-222000	50		79		10		35		1		5.3		19.1		67	
69#	37500	-222000		104		188		24		28		4.8		10.1		45.9		53.6
70#	37250	-222000	146		185		12		23		3.4		8.1		23		44	
71#	37000	-222000		232		350		14		10		6.2		6.7		26.8		19.1
72#	36750	-222000	208		535		12		7		4.8		7.2		23		13.4	
73#	36500	-222000		286				7		5		3.8				13.4		9.6
74#	36250	-222000	219		500		8		5		3.4		4.8		15.3		9.6	
75#	36000	-222000		464				7		5		6.2				13.4		9.6
76#	35750	-222000	250		334		5		9		2.4		5.8		9.6		17.2	
77#	35500	-222000		219		119		8		21		3.4		4.8		15.3		40.2
78#	35250	-222000	100		100		5		20		1		3.8		9.6		38.3	
79#	35000	-222000		58				13				1.4				24.9		
80#	34750	-222000	63		89		8		14		1		2.4		15.3		26.8	
81#	34500	-222000		50		17		10		15		1		0.5		19.1		28.7
82#	34250	-222000	125		21		8		12		1.9		0.5		15.3		23	
83#	34000	-222000		125		16		10		16		2.4		0.5		19.1		30.6
84#	33750	-222000	56		58		18		13		1.9		1.4		34.5		24.9	
85#	33500	-222000		26		28		29		18		1.4		1		55.5		34.5
86#	33250	-222000	62		27		12		46		1.4		2.4		23		88.1	
87#	33000	-222000		54		29		23		61		2.4		3.4		44		116.8
88#	32750	-222000	38		57		20		35		1.5		3.8		38.3		67	
89#	32500	-222000		35		42		36		48		2.4		3.9		68.9		91.9
90#	32250	-222000	52		38		24		52		2.4		3.8		45.9		99.5	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	32000	-222000		26				48				2.4				91.9		
92#	31750	-222000	28		25		36		61		1.9		2.9		68.9		116.8	
93#	31500	-222000		23		15		54		83		2.4		2.4		103.4		158.9
94#	31250	-222000	21		19		48		81		1.9		2.9		91.9		155	
95#	31000	-222000		24		15		82		97		3.8		2.8		157		185.7
96#	30750	-222000	23		12		64		103		2.8		2.4		122.5		197.2	
97#	30500	-222000		18		19		85		66		2.9		2.4		162.7		126.3
98#	30250	-222000	19		13		94		58		3.4		1.4		179.9		111	
99#	30000	-222000		25		10		60		77		2.9		1.5		114.8		147.4
100#	29750	-222000	13		14		57		87		1.4		2.3		109.1		166.5	
101#	29500	-222000		17		19		90		108		2.9		3.9		172.3		206.7
102#	29250	-222000	11		16		141		127		3		3.9		269.9		243.1	
103#	29000	-222000		7				238				3.2				455.6		
104#	28750	-222000	9		9		86		238		1.5		4.1		164.6		455.6	
105#	28500	-222000		13		16		114		219		2.8		6.7		218.2		419.2
106#	28250	-222000	16		25		76		110		2.3		5.3		145.5		210.6	
107#	28000	-222000		26		15		84		154		4.2		4.4		160.8		294.8
108#	27750	-222000	13		19		77		133		1.9		4.8		147.4		254.6	
109#	27500	-222000		18		15		138		155		4.8		4.5		264.2		296.7
110#	27250	-222000	22		11		101		179		4.3		3.8		193.3		342.6	
111#	27000	-222000		16		11		156		190		4.8		4		298.6		363.7
112#	26750	-222000	14		20		158		163		4.2		6.2		302.4		312	
113#	26500	-222000		17		18		180		151		5.9		5.2		344.5		289
114#	26250	-222000	16		18		182		154		5.6		5.3		348.4		294.8	
115#	26000	-222000		19				162				5.9				310.1		
116#	25750	-222000	20		15		140		170		5.4		4.9		268		325.4	
117#	25500	-222000		15		13		171		191		4.9		4.8		327.3		365.6
118#	25250	-222000	12		15		203		202		4.7		5.8		388.6		386.7	
119#	25000	-222000		11		15		261		230		5.5		6.6		499.6		440.3
120#	24750	-222000	9		11		186		285		3.2		6		356		545.5	
121#	24500	-222000		9		17		229		180		3.9		5.9		438.3		344.5
122#	24250	-222000	9		17		294		148		5.1		4.8		562.8		283.3	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	24000	-222000		11		16		178		138		3.7		4.2		340.7		264.2
124#	23750	-222000	14		14		142		158		3.8		4.2		271.8		302.4	
125#	23500	-222000		16		12		139		161		4.3		3.7		266.1		308.2
126#	23250	-222000	9		13		167		150		2.9		3.7		319.7		287.1	
127#	23000	-222000		9				195				3.4				373.3		
128#	22750	-222000	14		10		104		249		2.8		4.8		199.1		476.6	
129#	22500	-222000		12		8		170		310		3.9		4.7		325.4		593.4
130#	22250	-222000	13		10		79		223		2		4.3		151.2		426.9	
131#	22000	-222000		11		13		132		157		2.8		3.9		252.7		300.5
132#	21750	-222000	12		15		60		103		1.4		3		114.8		197.2	
133#	21500	-222000		14		9		52		112		1.4		1.9		99.5		214.4
134#	21250	-222000			12				60				1.4				114.8	
135#	21000	-222000				16				47				1.4				90
136#	4250	-222000	83				24				3.8				45.9			
137#	4000	-222000		46				38				3.3				72.7		
138#	3750	-222000	100		34		15		44		2.9		2.9		28.7		84.2	
139#	3500	-222000		20		28		25		54		1		2.9		47.9		103.4
140#	3250	-222000	53		23		14		32		1.4		1.4		26.8		61.3	
141#	3000	-222000		52				24				2.4				45.9		
142#	2750	-222000	18		67		14		26		0.5		3.3		26.8		49.8	
143#	2500	-222000		70		53		18		33		2.4		3.3		34.5		63.2
144#	2250	-222000	83		65		12		27		1.9		3.4		23		51.7	
145#	2000	-222000		57		75		22		20		2.4		2.9		42.1		38.3
146#	1750	-222000	104		55		12		18		2.4		1.9		23		34.5	
147#	1500	-222000		83		29		12		26		1.9		1.4		23		49.8
148#	1250	-222000	100		39		10		19		1.9		1.4		19.1		36.4	
149#	1000	-222000		107		40		14		38		2.9		2.9		26.8		72.7
150#	750	-222000	63		69		16		29		1.9		3.8		30.6		55.5	
151#	500	-222000		55		55		32		32		3.4		3.4		61.3		61.3
152#	250	-222000	94		35		16		36		2.9		2.4		30.6		68.9	
153#	0	-222000		79				19				2.9				36.4		
154#	-250	-222000	57		67		22		26		2.4		3.3		42.1		49.8	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	-500	-222000		78		64		29		39		4.3		4.8		55.5		74.7
156#	-750	-222000	57		51		31		49		3.4		4.8		59.3		93.8	
157#	-1000	-222000		33		74		60		37		3.8		5.2		114.8		70.8
158#	-1250	-222000	51		34		39		51		3.8		3.3		74.7		97.6	
159#	-1500	-222000		64		98		35		28		4.3		5.3		67		53.6
160#	-1750	-222000	98		107		23		21		4.3		4.3		44		40.2	
161#	-2000	-222000		156		87		16		23		4.8		3.8		30.6		44
162#	-2250	-222000	156		105		16		19		4.8		3.8		30.6		36.4	
163#	-2500	-222000		95				22		31		4				42.1		59.3
164#	-2750	-222000	117		42		15		36		3.4		2.9		28.7		68.9	
165#	-3000	-222000		42				24				1.9				45.9		
166#	-3250	-222000	75		67		10		26		1.4		3.3		19.1		49.8	
167#	-3500	-222000		136		36		11		42		2.9		2.9		21.1		80.4
168#	-3750	-222000	83		83		9		21		1.4		3.3		17.2		40.2	
169#	-4000	-222000		54		68		18		22		1.9		2.9		34.5		42.1
170#	-4250	-222000	15		74		17		17		0.5		2.4		32.5		32.5	
171#	-4500	-222000		26		63		19		20		0.9		2.4		36.4		38.3
172#	-4750	-222000	38		10		13		26		0.9		0.5		24.9		49.8	
173#	-5000	-222000		23		24		22		31		1		1.4		42.1		59.3
174#	-5250	-222000	21		17		24		30		1		1		45.9		57.4	
175#	-5500	-222000		12		23		42		44		1		1.9		80.4		84.2
176#	-5750	-222000	33		15		23		68		1.5		2		44		130.2	
177#	-6000	-222000		24				41				1.9				78.5		
178#	-6250	-222000	42		38		24		39		1.9		2.8		45.9		74.7	
179#	-6500	-222000		58		38		26		52		2.9		3.8		49.8		99.5
180#	-6750	-222000	83		47		18		37		2.9		3.3		34.5		70.8	
181#	-7000	-222000		89		47		28		32		4.8		2.9		53.6		61.3
182#	-7250	-222000	63		93		28		27		3.4		4.8		53.6		51.7	
183#	-7500	-222000		31		62		32		24		1.9		2.8		61.3		45.9
184#	-7750	-222000	118		33		19		30		4.3		1.9		36.4		57.4	
185#	-8000	-222000		105		12		19		61		3.8		1.4		36.4		116.8
186#	-8250	-222000	70		35		25		43		3.3		2.9		47.9		82.3	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
187#	-8500	-222000		31		33		57		46		3.4		2.9		109.1		88.1
188#	-8750	-222000	44		22		23		68		1.9		2.9		44		130.2	
189#	-9000	-222000		34				29				1.9				55.5		
190#	-9250	-222000	66		24		19		41		2.4		1.9		36.4		78.5	
191#	-9500	-222000		31		37		32		34		1.9		2.4		61.3		65.1
192#	-9750	-222000	40		31		31		24		2.4		1.4		59.3		45.9	
193#	-10000	-222000		36		42		28		36		1.9		2.9		53.6		68.9
194#	-10250	-222000	50		50		20		20		1.9		1.9		38.3		38.3	
195#	-10500	-222000		33		28		15		36		0.9		1.9		28.7		68.9
196#	-10750	-222000	13		52		20		29		0.5		2.9		38.3		55.5	
197#	-11000	-222000		22		35		45		43		1.9		2.9		86.1		82.3
198#	-11250	-222000	62		23		20		66		2.4		2.9		38.3		126.3	
199#	-11500	-222000		35		21		36		70		2.4		2.8		68.9		134
200#	-11750	-222000	45		26		22		38		1.9		1.9		42.1		72.7	
201#	-12000	-222000		54				23				2.4				44		
202#	-12250	-222000	67		52		26		29		3.3		2.9		49.8		55.5	
203#	-12500	-222000		40		32		31		31		2.4		1.9		59.3		59.3
204#	-12750	-222000	37		35		34		36		2.4		2.4		65.1		68.9	
205#	-13000	-222000		26		23		39		65		1.9		2.9		74.7		124.4
206#	-13250	-222000	58		25		26		69		2.9		3.3		49.8		132.1	
207#	-13500	-222000		37		41		48		43		3.4		3.4		91.9		82.3
208#	-13750	-222000	13		47		56		32		1.4		2.9		107.2		61.3	
209#	-14000	-222000		27		27		46		46		2.4		2.4		88.1		88.1
210#	-14250	-222000	58		9		26		136		2.9		2.3		49.8		260.3	
211#	-14500	-222000		10		12		120		104		2.3		2.4		229.7		199.1
212#	-14750	-222000	20		16		38		79		1.5		2.4		72.7		151.2	
213#	-15000	-222000		10				97				1.9				185.7		
214#	-15250	-222000	30		9		33		81		1.9		1.4		63.2		155	
215#	-15500	-222000		39		8		26		132		1.9		2		49.8		252.7
216#	-15750	-222000	23		17		44		44		1.9		1.4		84.2		84.2	
217#	-16000	-222000		13		12		60		61		1.5		1.4		114.8		116.8
218#	-16250	-222000	4		14		71		84		0.5		2.3		135.9		160.8	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
219#	-16500	-222000		10		9		102		134		2		2.3		195.2		256.5
220#	-16750	-222000	19		12		66		173		2.4		4		126.3		331.1	
221#	-17000	-222000		15		12		113		164		3.2		3.8		216.3		313.9
222#	-17250	-222000	17		18		101		111		3.3		3.8		193.3		212.5	
223#	-17500	-222000		18		45		122		50		4.2		4.3		233.5		95.7
224#	-17750	-222000	28		31		81		64		4.3		3.8		155		122.5	
225#	-18000	-222000		48				52				4.8				99.5		
226#	-18250	-222000	42		20		53		112		4.3		4.3		101.4		214.4	
227#	-18500	-222000		16		14		137		139		4.2		3.7		262.2		266.1
228#	-18750	-222000	22		14		78		163		3.3		4.4		149.3		312	
229#	-19000	-222000		19		13		92		158		3.3		3.9		176.1		302.4
230#	-19250	-222000	34		20		37		86		2.4		3.3		70.8		164.6	
231#	-19500	-222000		28		21		36		97		1.9		3.9		68.9		185.7
232#	-19750	-222000	34		40		37		38		2.4		2.9		70.8		72.7	
233#	-20000	-222000		35		26		43		48		2.9		2.4		82.3		91.9
234#	-20250	-222000	38		21		33		60		2.4		2.4		63.2		114.8	
235#	-20500	-222000		31		9		49		81		2.9		1.4		93.8		155
236#	-20750	-222000	60		25		25		70		2.9		3.3		47.9		134	
237#	-21000	-222000		41				37				2.9				70.8		
238#	-21250	-222000	38		20		26		63		1.9		2.4		49.8		120.6	
239#	-21500	-222000		27		15		46		81		2.4		2.3		88.1		155
240#	-21750	-222000	43		23		29		65		2.4		2.9		55.5		124.4	
241#	-22000	-222000		31		32		48		47		2.8		2.9		91.9		90
242#	-22250	-222000	30		48		33		39		1.9		3.6		63.2		74.7	
243#	-22500	-222000		45		25		33		61		2.8		2.9		63.2		116.8
244#	-22750	-222000	45		24		28		53		2.4		2.4		53.6		101.4	
245#	-23000	-222000		35		33		56		46		3.8		2.9		107.2		88.1
246#	-23250	-222000	51		28		32		53		3.1		2.8		61.3		101.4	
247#	-23500	-222000		68		34		33		59		4.3		3.8		63.2		112.9
248#	-23750	-222000	87		51		20		39		3.3		3.8		38.3		74.7	
249#	-24000	-222000		67				26				3.3				49.8		
250#	-24250	-222000	38		53		33		33		2.4		3.3		63.2		63.2	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
251#	-24500	-222000		31		41		49		43		2.9		3.4		93.8		82.3
252#	-24750	-222000	56		27		27		65		2.9		3.4		51.7		124.4	
253#	-25000	-222000		37		35		41		78		2.9		5.2		78.5		149.3
254#	-25250	-222000	28		47		27		53		1.4		4.8		51.7		101.4	
255#	-25500	-222000		47		18		37		95		3.3		3.3		70.8		181.8
256#	-25750	-222000	63		22		63		67		7.6		2.8		120.6		128.2	
257#	-26000	-222000		39		50		39		35		2.9		3.3		74.7		67
258#	-26250	-222000	46		58		46		58		4.1		6.4		88.1		111	
259#	-26500	-222000		95		30		95		42		17.3		2.4		181.8		80.4
260#	-26750	-222000	135		19		13		38		3.4		1.4		24.9		72.7	
261#	-27000	-222000		54					28			2.9				53.6		
262#	-27250	-222000	8		46		32		27		0.5		2.4		61.3		51.7	
263#	-27500	-222000		27		83		37		30		1.9		4.8		70.8		57.4
264#	-27750	-222000	54		28		14		45		1.4		2.4		26.8		86.1	
265#	-28000	-222000		56		19		18		78		1.9		2.8		34.5		149.3
266#	-28250	-222000	15		45		17		33		0.5		2.8		32.5		63.2	
267#	-28500	-222000		26		24		38		42		1.9		1.9		72.7		80.4
268#	-28750	-222000	50		25		20		50		1.9		2.4		38.3		95.7	
269#	-29000	-222000		33		7		30		68		1.9		0.9		57.4		130.2
270#	-29250	-222000	50		35		30		43		2.9		2.9		57.4		82.3	
271#	-29500	-222000		40		27		44		47		3.4		2.4		84.2		90
272#	-29750	-222000	24		29		41		51		1.9		2.8		78.5		97.6	
273#	-30000	-222000		22				57				2.4				109.1		
274#	-30250	-222000	20		19		37		79		1.4		2.9		70.8		151.2	
275#	-30500	-222000		16		24		61		82		1.9		3.8		116.8		157
276#	-30750	-222000	28		18		53		71		2.8		2.4		101.4		135.9	
277#	-31000	-222000		18		27		71		74		2.4		3.8		135.9		141.6
278#	-31250	-222000	16		16		32		79		1		2.4		61.3		151.2	
279#	-31500	-222000		17		17		44		90		1.4		2.9		84.2		172.3
280#	-31750	-222000	20		23		38		55		1.5		2.4		72.7		105.3	
281#	-32000	-222000		25		5		49		50		2.3		0.5		93.8		95.7
282#	-32250	-222000	38		21		33		47		2.4		1.9		63.2		90	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
283#	-32500	-222000		22		5		34		48		1.4		0.5		65.1		91.9
284#	-32750	-222000	29		7		26		36		1.4		0.5		49.8		68.9	
285#	-33000	-222000		9				29				0.5				55.5		
286#	-33250	-222000	13		4		19		67		0.5		0.5		36.4		128.2	
287#	-33500	-222000		10		12		52		61		1		1.4		99.5		116.8
288#	-33750	-222000	16		5		32		50		1		0.5		61.3		95.7	
289#	-34000	-222000		22		12		34		61		1.4		1.4		65.1		116.8
290#	-34250	-222000	13		31		20		40		0.5		2.4		38.3		76.6	
291#	-34500	-222000		19		19		26		65		0.9		2.4		49.8		124.4
292#	-34750	-222000	43		11		23		45		1.9		0.9		44		86.1	
293#	-35000	-222000		19		6		52		40		1.9		0.5		99.5		76.6
294#	-35250	-222000	30		21		33		48		1.9		1.9		63.2		91.9	
295#	-35500	-222000		32		21		31		59		1.9		2.4		59.3		112.9
296#	-35750	-222000	39		18		32		41		2.4		1.4		61.3		78.5	
297#	-36000	-222000		25				50				2.4				95.7		
298#	-36250	-222000	24		33		42		53		1.9		3.3		80.4		101.4	
299#	-36500	-222000		31		22		57		112		3.4		4.7		109.1		214.4
300#	-36750	-222000	30		17		42		134		2.4		4.4		80.4		256.5	
301#	-37000	-222000		16		18		110		109		3.4		3.8		210.6		208.6
302#	-37250	-222000	17		15		72		102		2.3		2.9		137.8		195.2	
303#	-37500	-222000		20		12		75		211		2.9		4.8		143.6		403.9
304#	-37750	-222000	29		10		34		167		1.9		3.2		65.1		319.7	
305#	-38000	-222000		16		7		78		185		2.4		2.5		149.3		354.1
306#	-38250	-222000	11		13		136		96		2.9		2.4		260.3		183.8	
307#	-38500	-222000		8		20		179		74		2.7		2.8		342.6		141.6
308#	-38750	-222000	13		13		97		136		2.4		3.4		185.7		260.3	
309#	-39000	-222000		13				79				2				151.2		
310#	-39250	-222000	17		19		91		93		3		3.4		174.2		178	
311#	-39500	-222000		10		28		130		63		2.5		3.4		248.8		120.6
312#	-39750	-222000	14		18		89		84		2.4		2.9		170.4		160.8	
313#	-40000	-222000		29		12		70		120		3.9		2.8		134		229.7
314#	-40250	-222000	35		14		50		111		3.3		3		95.7		212.5	

[illegible]

ALONG LINE STATIONS INCREASE WEST =-X, INCREASE EAST

TRAVERSES INCREASE SOUTH = -Y

X,Y,MFN=1,N=2,N=3,N=4,R/2PIN=1,N=2,N=3,N=4

I6,2X,I7,4X,,8F5.1

#NAME?

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	38750	-230000	333		100		3		5		1.9		1		5.7		9.6	
2#	38500	-230000		250				4		10		1.9				7.7		19.1
3#	38250	-230000	74		50		3.4		5		0.5		0.5		6.5		9.6	
4#	38000	-230000		116				43				9.5				82.3		
5#	37750	-230000	208		208		3.6		4.8		1.4		1.9		6.9		9.2	
6#	37500	-230000		128		136		3.9		11		1		2.9		7.5		21.1
7#	37250	-230000	160		117		3		9		0.9		2		5.7		17.2	
8#	37000	-230000		162		100		6		20		1.9		3.8		11.5		38.3
9#	36750	-230000	183		125		4		16		1.4		3.8		7.7		30.6	
10#	36500	-230000		160		88		11		20		3.4		3.4		21.1		38.3
11#	36250	-230000	214		140		7		16		2.9		4.3		13.4		30.6	
12#	36000	-230000		182		80		11		22		3.8		3.4		21.1		42.1
13#	35750	-230000	74		160		27		17		3.8		5.2		51.7		32.5	
14#	35500	-230000		36		117		48		15		3.3		3.4		91.9		28.7
15#	35250	-230000	10		47		51		48		1		4.3		97.6		91.9	
16#	35000	-230000		26				68				3.4				130.2		
17#	34750	-230000	22		35		45		50		1.9		3.3		86.1		95.7	
18#	34500	-230000		22		40		46		50		1.9		3.8		88.1		95.7
19#	34250	-230000	36		19		21		52		1.4		1.9		40.2		99.5	
20#	34000	-230000		21		18		36		70		1.4		2.4		68.9		134
21#	33750	-230000	33		7		15		71		0.9		1		28.7		135.9	
22#	33500	-230000		9		10		28		98		0.5		1.9		53.6		187.6
23#	33250	-230000	28		4		9		57		0.5		0.4		17.2		109.1	
24#	33000	-230000		12		11		21		69		0.5		1.5		40.2		132.1
25#	32750	-230000	45		9		11		28		0.9		0.5		21.1		53.6	
26#	32500	-230000		42		17		18		45		1.4		1.5		34.5		86.1

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	32250	-230000	45		24		11		31		0.9		1.4		21.1		59.3	
28#	32000	-230000		23				22				1				42.1		
29#	31750	-230000	22		20		67		75		2.8		2.9		128.2		143.6	
30#	31500	-230000		28		53		71		19		3.8		1.9		135.9		36.4
31#	31250	-230000	35		68		43		22		2.9		2.9		82.3		42.1	
32#	31000	-230000		16		23		16		33		0.5		1.5		30.6		63.2
33#	30750	-230000	17		28		15		27		0.5		1.4		28.7		51.7	
34#	30500	-230000		23		20		33		25		1.5		1		63.2		47.9
35#	30250	-230000	22		22		68		34		2.9		1.4		130.2		65.1	
36#	30000	-230000		17		27		86		37		2.8		1.9		164.6		70.8
37#	29750	-230000	50		14		15		110		1.4		2.9		28.7		210.6	
38#	29500	-230000		23		6		22		300		1		3.4		42.1		574.2
39#	29250	-230000	50		11		15		70		1.4		1.5		28.7		134	
40#	29000	-230000		19				54				2				103.4		
41#	28750	-230000	15		16		34		94		1		2.9		65.1		179.9	
42#	28500	-230000		18		36		57		77		2		5.3		109.1		147.4
43#	28250	-230000	33		41		23		55		1.5		4.3		44		105.3	
44#	28000	-230000		54		30		28		59		2.9		3.4		53.6		112.9
45#	27750	-230000	36		42		63		36		4.3		2.9		120.6		68.9	
46#	27500	-230000		27		45		83		39		4.3		3.4		158.9		74.7
47#	27250	-230000	22		20		115		101		4.8		3.9		220.1		193.3	
48#	27000	-230000		18		15		150		147		5.2		4.2		287.1		281.4
49#	26750	-230000	43		15		64		229		5.3		6.6		122.5		438.3	
50#	26500	-230000		28		11		117		222		6.3		4.7		224		424.9
51#	26250	-230000	35		20		87		125		5.8		4.8		166.5		239.3	
52#	26000	-230000		28				99				5.3				189.5		
53#	25750	-230000	24		17		125		177		5.7		5.8		239.3		338.8	
54#	25500	-230000		17		18		218		150		7.1		5.2		417.3		287.1
55#	25250	-230000	14		22		234		159		6.3		6.7		447.9		304.3	
56#	25000	-230000		17		13		190		230		6.2		5.7		363.7		440.3
57#	24750	-230000	20		14		150		250		5.7		6.7		287.1		478.5	
58#	24500	-230000		15		16		194		189		5.6		5.8		371.3		361.8

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	24250	-230000	11		14		328		140		6.9		3.8		627.8		268	
60#	24000	-230000		12		10		217		183		5		3.5		415.4		350.3
61#	23750	-230000	21		9		165		282		6.6		4.9		315.8		539.8	
62#	23500	-230000		15		9		195		250		5.6		4.3		373.3		478.5
63#	23250	-230000	16		19		171		162		5.2		5.9		327.3		310.1	
64#	23000	-230000		16				154				4.7				294.8		
65#	22750	-230000	31		9		57		238		3.4		4.1		109.1		455.6	
66#	22500	-230000		18		9		113		250		3.9		4.3		216.3		478.5
67#	22250	-230000	9		13		89		135		1.5		3.4		170.4		258.4	
68#	22000	-230000		9		23		135		87		2.3		3.8		258.4		166.5
69#	21750	-230000	18		20		68		98		2.3		3.8		130.2		187.6	
70#	21500	-230000		20		18		64		85		2.5		2.9		122.5		162.7
71#	21250	-230000	27		16		47		63		2.4		1.9		90		120.6	
72#	21000	-230000		17		22		60		68		2		2.9		114.8		130.2
73#	20750	-230000	24		18		21		70		1		2.4		40.2		134	
74#	20500	-230000		16		13		31		100		0.9		2.5		59.3		191.4
75#	20250	-230000	68		10		11		50		1.4		1		21.1		95.7	
76#	20000	-230000		28				18				1				34.5		
77#	19750	-230000	63		19		12		26		1.4		0.9		23		49.8	
78#	19500	-230000		37		15		20		34		1.4		1		38.3		65.1
79#	19250	-230000	33		38		15		26		0.9		1.9		28.7		49.8	
80#	19000	-230000		23		23		22		33		1		1.5		42.1		63.2
81#	18750	-230000	33		39		15		32		0.9		2.4		28.7		61.3	
82#	18500	-230000		40		42		25		30		1.9		2.4		47.9		57.4
83#	18250	-230000	100		39		15		26		2.9		1.9		28.7		49.8	
84#	18000	-230000		50		38		20		39		1.9		2.8		38.3		74.7
85#	17750	-230000	125		39		12		32		2.9		2.4		23		61.3	
86#	17500	-230000		68		17		22		60		2.9		2		42.1		114.8
87#	17250	-230000	58		20		13		50		1.4		1.9		24.9		95.7	
88#	17000	-230000		28				36				1.9				68.9		
89#	16750	-230000	79		66		14		19		2.1		2.4		26.8		36.4	
90#	16500	-230000		111		30		9		29		1.9		1.7		17.2		55.5

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	16250	-230000	214		100		7		15		2.9		2.9		13.4		28.7	
92#	16000	-230000		94		29		13		26		2.3		1.4		24.9		49.8
93#	15750	-230000	41		54		12		28		0.9		2.9		23		53.6	
94#	15500	-230000		17		22		29		46		0.9		1.9		55.5		88.1
95#	15250	-230000	71		10		7		50		1		1		13.4		95.7	
96#	15000	-230000		33		18		15		84		0.9		2.9		28.7		160.8
97#	14750	-230000	54		63		14		28		1.4		3.4		26.8		53.6	
98#	14500	-230000		43		57		35		22		2.9		2.4		67		42.1
99#	14250	-230000	43		63		23		24		1.9		2.9		44		45.9	
100#	14000	-230000		34				22				1.4				42.1		
101#	13750	-230000	50		20		25		25		2.4		1		47.9		47.9	
102#	13500	-230000		40		29		25		34		1.9		1.9		47.9		65.1
103#	13250	-230000	38		40		20		37		1.5		2.8		38.3		70.8	
104#	13000	-230000		20		8		37		64		1.4		1		70.8		122.5
105#	12750	-230000	33		7		15		72		0.9		1		28.7		137.8	
106#	12500	-230000		8		5		33		160		0.5		1.5		63.2		306.3
107#	12250	-230000	25		3		10		88		0.5		0.5		19.1		168.4	
108#	12000	-230000		13		4		38		134		0.9		1		72.7		256.5
109#	11750	-230000	47		7		16		70		1.4		0.9		30.6		134	
110#	11500	-230000		8		16		33		48		0.5		1.5		63.2		91.9
111#	11250	-230000	14		40		35		25		0.9		1.9		67		47.9	
112#	11000	-230000		24				21				1				40.2		
113#	10750	-230000	23		31		33		41		1.5		2.4		63.2		78.5	
114#	10500	-230000		23		32		55		54		2.4		3.3		105.3		103.4
115#	10250	-230000	40		20		31		75		2.4		2.9		59.3		143.6	
116#	10000	-230000		20		13		51		116		2		2.9		97.6		222
117#	9750	-230000	42		19		18		90		1.4		3.3		34.5		172.3	
118#	9500	-230000		28		27		36		64		1.9		3.3		68.9		122.5
119#	9250	-230000	32		46		39		27		2.4		2.4		74.7		51.7	
120#	9000	-230000		37		37		34		41		2.4		2.9		65.1		78.5
121#	8750	-230000	46		22		27		56		2.4		2.4		51.7		107.2	
122#	8500	-230000		26		14		48		91		2.4		2.4		91.9		174.2

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	8250	-230000	42		13		30		78		2.4		1.9		57.4		149.3	
124#	8000	-230000		12				60				1.4				114.8		
125#	7750	-230000	45		33		30		60		2.6		3.8		57.4		114.8	
126#	7500	-230000		39		35		32		50		2.4		3.3		61.3		95.7
127#	7250	-230000	54		56		28		27		2.9		2.9		53.6		51.7	
128#	7000	-230000		60		20		29		50		3.3		1.9		55.5		95.7
129#	6750	-230000	54		24		28		62		2.9		2.8		53.6		118.7	
130#	6500	-230000		25		19		70		67		3.3		2.4		134		128.2
131#	6250	-230000	29		20		43		88		2.4		3.4		82.3		168.4	
132#	6000	-230000		35		17		50		104		3.3		3.4		95.7		199.1
133#	5750	-230000	37		27		27		64		1.9		3.3		51.7		122.5	
134#	5500	-230000		34		24		37		83		2.4		3.8		70.8		158.9
135#	5250	-230000	39		29		38		51		2.8		2.8		72.7		97.6	
136#	5000	-230000		21				60				2.4				114.8		
137#	4750	-230000	15		29		50		68		1.4		3.8		95.7		130.2	
138#	4500	-230000		15		19		67		77		1.9		2.8		128.2		147.4
139#	4250	-230000	20		12		51		81		2		1.9		97.6		155	
140#	4000	-230000		12		14		64		122		1.5		3.3		122.5		233.5
141#	3750	-230000	15		14		51		109		1.5		2.9		97.6		208.6	
142#	3500	-230000		14		9		92		168		2.5		2.9		176.1		321.6
143#	3250	-230000	16		10		64		152		2		2.9		122.5		290.9	
144#	3000	-230000		10		8		126		224		2.4		3.4		241.2		428.8
145#	2750	-230000	9		9		117		192		2		3.3		224		367.5	
146#	2500	-230000		8		12		213		182		3.3		4.2		407.7		348.4
147#	2250	-230000	9		10		201		198		3.5		3.8		384.7		379	
148#	2000	-230000		8				242				3.7				463.2		
149#	1750	-230000	10		19		179		134		3.4		4.9		342.6		256.5	
150#	1500	-230000		21		14		120		184		4.8		4.9		229.7		352.2
151#	1250	-230000	18		16		109		176		3.8		5.4		208.6		336.9	
152#	1000	-230000		14		30		180		115		4.8		6.6		344.5		220.1
153#	750	-230000	20		28		99		127		3.8		6.8		189.5		243.1	
154#	500	-230000		40		17		75		195		5.7		6.3		143.6		373.3

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	250	-230000	58		28		39		116		4.3		6.2		74.7		222	
156#	0	-230000		44		19		62		167		5.2		6.1		118.7		319.7
157#	-250	-230000	42		34		54		87		4.3		5.7		103.4		166.5	
158#	-500	-230000		27		36		84		83		4.3		5.7		160.8		158.9
159#	-750	-230000	43		33		41		92		3.4		5.8		78.5		176.1	
160#	-1000	-230000		42				48				3.9				91.9		
161#	-1250	-230000	40		41		44		61		3.4		4.8		84.2		116.8	
162#	-1500	-230000		35		56		64		54		4.3		5.8		122.5		103.4
163#	-1750	-230000	17		34		64		66		2.1		4.3		122.5		126.3	
164#	-2000	-230000		22		20		68		100		2.9		3.8		130.2		191.4
165#	-2250	-230000	19		15		54		115		2		3.3		103.4		220.1	
166#	-2500	-230000		18		14		83		145		2.9		3.9		158.9		277.6
167#	-2750	-230000	25		12		50		124		2.4		2.8		95.7		237.4	
168#	-3000	-230000		14		16		87		141		2.3		4.3		166.5		269.9
169#	-3250	-230000	29		17		43		115		2.4		3.7		82.3		220.1	
170#	-3500	-230000		22		17		67		118		2.8		3.8		128.2		225.9
171#	-3750	-230000	17		23		60		75		2		3.3		114.8		143.6	
172#	-4000	-230000		16				78				2.4				149.3		
173#	-4250	-230000	19		14		66		108		2.4		2.9		126.3		206.7	
174#	-4500	-230000		12		13		86		95		2		2.4		164.6		181.8
175#	-4750	-230000	19		9		65		86		2.4		1.5		124.4		164.6	
176#	-5000	-230000		12				65				1.5				124.4		
177#	-5250	-230000	6		42		41		53		0.5		4.3		78.5		101.4	
178#	-5500	-230000		68		38		37		80		4.8		5.8		70.8		153.1
179#	-5750	-230000	67		51		30		59		3.8		5.8		57.4		112.9	
180#	-6000	-230000		36		36		55		69		3.8		4.8		105.3		132.1
181#	-6250	-230000	46		27		38		73		3.3		3.8		72.7		139.7	
182#	-6500	-230000		31		19		56		108		3.3		3.9		107.2		206.7
183#	-6750	-230000	60		17		29		88		3.3		2.9		55.5		168.4	
184#	-7000	-230000		27				47				2.4				90		
185#	-7250	-230000	45		38		39		52		3.4		3.8		74.7		99.5	
186#	-7500	-230000		42		41		48		49		3.9		3.8		91.9		93.8

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
187#	-7750	-230000	52		40		34		50		3.4		3.8		65.1		95.7	
188#	-8000	-230000		58		59		39		47		4.3		5.3		74.7		90
189#	-8250	-230000	59		71		34		39		3.8		5.3		65.1		74.7	
190#	-8500	-230000		58		57		39		44		4.3		4.8		74.7		84.2
191#	-8750	-230000	125		54		22		46		5.3		4.8		42.1		88.1	
192#	-9000	-230000		103		35		29		64		5.7		4.3		55.5		122.5
193#	-9250	-230000	156		71		16		42		4.8		5.7		30.6		80.4	
194#	-9500	-230000		135		49		26		46		6.7		4.3		49.8		88.1
195#	-9750	-230000	233		112		15		29		6.7		6.2		28.7		55.5	
196#	-10000	-230000		132				19				4.8				36.4		
197#	-10250	-230000	179		74		14		34		4.8		4.8		26.8		65.1	
198#	-10500	-230000		86		66		29		42		4.8		5.3		55.5		80.4
199#	-10750	-230000	94		66		24		38		4.3		4.8		45.9		72.7	
200#	-11000	-230000		79		46		35		49		5.3		4.3		67		93.8
201#	-11250	-230000	77		53		26		47		3.8		4.8		49.8		90	
202#	-11500	-230000		47		37		37		67		3.3		4.7		70.8		128.2
203#	-11750	-230000	58		46		30		54		3.3		4.8		57.4		103.4	
204#	-12000	-230000		32		50		54		55		3.3		5.3		103.4		105.3
205#	-12250	-230000	65		42		31		59		3.9		4.7		59.3		112.9	
206#	-12500	-230000		58		31		39		72		4.3		4.3		74.7		137.8
207#	-12750	-230000	109		49		23		51		4.8		4.8		44		97.6	
208#	-13000	-230000		71				35				4.8				67		
209#	-13250	-230000	120		67		23		41		5.3		5.3		44		78.5	
210#	-13500	-230000		76		59		33		47		4.8		5.3		63.2		90
211#	-13750	-230000	153		63		18		40		5.3		4.8		34.5		76.6	
212#	-14000	-230000		110		48		25		57		5.3		5.2		47.9		109.1
213#	-14250	-230000	118		77		19		39		4.3		5.7		36.4		74.7	
214#	-14500	-230000		66		38		34		59		4.3		4.3		65.1		112.9
215#	-14750	-230000	107		43		21		53		4.3		4.4		40.2		101.4	
216#	-15000	-230000		54		34		37		73		3.8		4.8		70.8		139.7
217#	-15250	-230000	80		39		25		51		3.8		3.8		47.9		97.6	
218#	-15500	-230000		43		53		47		38		3.9		3.9		90		72.7

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
219#	-15750	-230000	54		71		37		35		3.8		4.8		70.8		67	
220#	-16000	-230000		78				32				4.8				61.3		
221#	-16250	-230000	90		81		25		34		4.3		5.3		47.9		65.1	
222#	-16500	-230000		70		70		32		36		4.3		4.8		61.3		68.9
223#	-16750	-230000	102		71		27		39		5.3		5.3		51.7		74.7	
224#	-17000	-230000		81		37		37		54		5.7		3.8		70.8		103.4
225#	-17250	-230000	162		47		17		59		5.3		5.3		32.5		112.9	
226#	-17500	-230000		89		25		28		100		4.8		4.8		53.6		191.4
227#	-17750	-230000	172		51		16		49		5.3		4.8		30.6		93.8	
228#	-18000	-230000		83		50		33		50		5.2		4.8		63.2		95.7
229#	-18250	-230000	118		83		19		33		4.3		5.2		36.4		63.2	
230#	-18500	-230000		98		79		23		41		4.3		6.2		44		78.5
231#	-18750	-230000	167		108		15		30		4.8		6.2		28.7		57.4	
232#	-19000	-230000		119				23				5.2				44		
233#	-19250	-230000	107		59		21		47		4.3		5.3		40.2		90	
234#	-19500	-230000		53		76		47		36		4.8		5.2		90		68.9
235#	-19750	-230000	63		53		32		38		3.9		3.9		61.3		72.7	
236#	-20000	-230000		87		60		26		46		4.3		5.3		49.8		88.1
237#	-20250	-230000	83		66		18		34		2.9		4.3		34.5		65.1	
238#	-20500	-230000		72		64		28		35		3.9		4.3		53.6		67
239#	-20750	-230000	24		81		44		31		2		4.8		84.2		59.3	
240#	-21000	-230000		31		70		56		43		3.3		5.8		107.2		82.3
241#	-21250	-230000	45		24		33		82		2.8		3.8		63.2		157	
242#	-21500	-230000		30		25		58		70		3.3		3.3		111		134
243#	-21750	-230000	25		25		50		59		2.4		2.8		95.7		112.9	
244#	-22000	-230000		30				58				3.3				111		
245#	-22250	-230000	25		24		40		91		1.9		4.2		76.6		174.2	
246#	-22500	-230000		29		33		70		60		3.9		3.8		134		114.8
247#	-22750	-230000	40		29		44		52		3.4		2.9		84.2		99.5	
248#	-23000	-230000		53		23		38		75		3.9		3.3		72.7		143.6
249#	-23250	-230000	33		37		23		61		1.5		4.3		44		116.8	
250#	-23500	-230000		35		26		43		87		2.9		4.3		82.3		166.5

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
251#	-23750	-230000	47		23		32		66		2.9		2.9		61.3		126.3	
252#	-24000	-230000		38		27	60		75			4.4		3.9		114.8		143.6
253#	-24250	-230000	54		29		23		70		2.4		3.9		44		134	
254#	-24500	-230000		54		22	28		92			2.9		3.9		53.6		176.1
255#	-24750	-230000	60		25		21		40		2.4		1.9		40.2		76.6	
256#	-25000	-230000		52			34					3.4				65.1		
257#	-25250	-230000	54		36		23		48		2.4		3.3		44		91.9	
258#	-25500	-230000		41		38	43		52			3.4		3.8		82.3		99.5
259#	-25750	-230000	42		38		30		52		2.4		3.8		57.4		99.5	
260#	-26000	-230000		32		26	47		49			2.9		2.4		90		93.8
261#	-26250	-230000	36		32		35		47		2.4		2.9		67		90	
262#	-26500	-230000		40		26	44		57			3.4		2.8		84.2		109.1
263#	-26750	-230000	54		26		28		58		2.9		2.9		53.6		111	
264#	-27000	-230000		34		16	44		110			2.9		3.4		84.2		210.6
265#	-27250	-230000	43		20		29		88		2.4		3.4		55.5		168.4	
266#	-27500	-230000		26		17	58		118			2.9		3.8		111		225.9
267#	-27750	-230000	26		20		39		87		1.9		3.3		74.7		166.5	
268#	-28000	-230000		25			59					2.8				112.9		
269#	-28250	-230000	15		10		85		49		2.4		0.9		162.7		93.8	
270#	-28500	-230000		8		33	59		46			0.9		2.9		112.9		88.1
271#	-28750	-230000	6		26		89		48		1		2.4		170.4		91.9	
272#	-29000	-230000		22		45	80		28			3.4		2.4		153.1		53.6
273#	-29250	-230000	36		36		42		49		2.9		3.4		80.4		93.8	
274#	-29500	-230000		46		21	33		70			2.9		2.8		63.2		134
275#	-29750	-230000	94		26		16		48		2.9		2.4		30.6		91.9	
276#	-30000	-230000		54		37	28		34			2.9		2.4		53.6		65.1
277#	-30250	-230000	63		63		20		20		2.4		2.4		38.3		38.3	
278#	-30500	-230000		71		42	14		36			1.9		2.9		26.8		68.9
279#	-30750	-230000	179		37		7		27		2.4		1.9		13.4		51.7	
280#	-31000	-230000		83			15					2.4				28.7		
281#	-31250	-230000	96		75		13		20		2.4		2.9		24.9		38.3	
282#	-31500	-230000		83		79		18	79			2.9		11.9		34.5		151.2

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
283#	-31750	-230000	68		76		11		23		1.4		3.3		21.1		44	
284#	-32000	-230000		135		53		13		19		3.4		1.9		24.9		36.4
285#	-32250	-230000	83		114		15		11		2.4		2.4		28.7		21.1	
286#	-32500	-230000		50		161		15		14		1.4		4.3		28.7		26.8
287#	-32750	-230000	91		66		11		19		1.9		2.4		21.1		36.4	
288#	-33000	-230000		74		47		17		32		2.4		2.9		32.5		61.3
289#	-33250	-230000	114		57		11		31		2.4		3.4		21.1		59.3	
290#	-33500	-230000		73		65		24		23		3.4		2.9		45.9		44
291#	-33750	-230000	103		63		17		20		3.4		2.4		32.5		38.3	
292#	-34000	-230000		79				19				2.9				36.4		
293#	-34250	-230000	40		125		25		16		1.9		3.8		47.9		30.6	
294#	-34500	-230000		60		63		25		24		2.9		2.9		47.9		45.9
295#	-34750	-230000	42		38		24		39		1.9		2.8		45.9		74.7	
296#	-35000	-230000		38		34		39		52		2.8		3.4		74.7		99.5
297#	-35250	-230000	43		30		23		59		1.9		3.4		44		112.9	
298#	-35500	-230000		7		24		34		63		0.5		2.9		65.1		120.6
299#	-35750	-230000	63		26		28		38		3.4		1.9		53.6		72.7	
300#	-36000	-230000		49		51		36		44		3.4		4.3		68.9		84.2
301#	-36250	-230000	44		51		40		39		3.4		3.8		76.6		74.7	
302#	-36500	-230000		34		66		52		34		3.4		4.3		99.5		65.1
303#	-36750	-230000	39		32		45		47		3.4		2.9		86.1		90	
304#	-37000	-230000		47				48				4.3				91.9		
305#	-37250	-230000	69		28		29		71		3.8		3.8		55.5		135.9	
306#	-37500	-230000		51		31		49		56		4.8		3.3		93.8		107.2
307#	-37750	-230000	46		51		43		39		3.8		3.8		82.3		74.7	
308#	-38000	-230000		64		34		35		52		4.3		3.4		67		99.5
309#	-38250	-230000	83		35		21		50		3.3		3.3		40.2		95.7	
310#	-38500	-230000		47				37		54		3.3				70.8		103.4
311#	-38750	-230000	39		44		39		40		2.9		3.4		74.7		76.6	
312#	-39000	-230000		48		43		47		35		4.3		2.9		90		67
313#	-39250	-230000	73		50		24		45		3.4		4.3		45.9		86.1	
314#	-39500	-230000		80		35		25		65		3.8		4.4		47.9		124.4

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
315#	-39750	-230000	76		53		23		38		3.3		3.9		44		72.7	
316#	-40000	-230000		51				39				3.8				74.7		
317#	-40250	-230000	59		47		34		43		3.8		3.9		65.1		82.3	
318#	-40500	-230000		53		50		38		45		3.9		4.3		72.7		86.1
319#	-40750	-230000	55		55		27		41		2.8		4.3		51.7		78.5	
320#	-41000	-230000		58				30		43		3.3				57.4		82.3
321#	-41250	-230000	62		65		24		27		2.8		3.4		45.9		51.7	
322#	-41500	-230000		58		43		26		35		2.9		2.9		49.8		67
323#	-41750	-230000	73		36		17		35		2.4		2.4		32.5		67	
324#	-42000	-230000		63				24		32		2.9				45.9		61.3
325#	-42250	-230000	75		62		20		24		2.9		2.8		38.3		45.9	
326#	-42500	-230000		43		37		23		34		1.9		2.4		44		65.1
327#	-42750	-230000	56		30		27		33		2.9		1.9		51.7		63.2	
328#	-43000	-230000		38				39				2.8				74.7		
329#	-43250	-230000	53		60		33		29		3.3		3.3		63.2		55.5	
330#	-43500	-230000		60		61		29		33		3.3		3.9		55.5		63.2
331#	-43750	-230000	89		44		14		34		2.4		2.9		26.8		65.1	
332#	-44000	-230000		63		33		18		46		2.2		2.9		34.5		88.1
333#	-44250	-230000	69		73		20		24		2.6		3.4		38.3		45.9	
334#	-44500	-230000		43		56		29		27		2.4		2.9		55.5		51.7
335#	-44750	-230000	96		37		13		34		2.4		2.4		24.9		65.1	
336#	-45000	-230000		56		31		18		40		1.9		2.4		34.5		76.6
337#	-45250	-230000	56		43		18		23		1.9		1.9		34.5		44	
338#	-45500	-230000		43		54		23		23		1.9		2.4		44		44
339#	-45750	-230000	63		30		20		25		2.4		1.4		38.3		47.9	
340#	-46000	-230000		40				25				1.9				47.9		
341#	-46250	-230000	78		78		16		32		2.4		4.8		30.6		61.3	
342#	-46500	-230000		104		125		24		24		4.8		5.7		45.9		45.9
343#	-46750	-230000	92		137		19		20		3.3		5.2		36.4		38.3	
344#	-47000	-230000		125		120		20		23		4.8		5.3		38.3		44
345#	-47250	-230000	175		73		10		24		3.3		3.4		19.1		45.9	
346#	-47500	-230000		100		48		15		52		2.9		4.8		28.7		99.5

[illegible]

SOUTH REGIONAL 2340S 500 FEET ??-??-??

IP 685W-447.5E LENGTH 113250

GEOCHEMISTRY CU PB ZN 515W-470W

ALONG LINE STATIONS INCREASE WEST =-X,

TRAVERSES INCREASE SOUTH = -Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	44750	-234000		94				24				4.3				45.9		
2#	44500	-234000	166		173		12	26			3.8		8.6		23		49.8	
3#	44250	-234000		147		92		17		30		4.8		5.3		32.5		57.4
4#	44000	-234000	250		107		11	21			5.3		4.3		21.1		40.2	
5#	43750	-234000		139				18		20		4.8				34.5		38.3
6#	43500	-234000	150		88		10	20			2.9		3.4		19.1		38.3	
7#	43250	-234000		227		29		11		17		4.8		0.9		21.1		32.5
8#	43000	-234000	175		59		10	13			3.3		1.5		19.1		24.9	
9#	42750	-234000		62		100		12		10		1.4		1.9		23		19.1
10#	42500	-234000	29		139		8.6	9			0.5		2.4		16.5		17.2	
11#	42250	-234000		96				7.8		7.6		1.4				14.9		14.5
12#	42000	-234000	385		141		1.3	7.1			1		1.9		2.5		13.6	
13#	41750	-234000						1.6		72						3.1		137.8
14#	41500	-234000	417				3	18			2.4				5.7		34.5	
15#	41250	-234000		375				4				2.9				7.7		
16#	41000	-234000	263		337		1.9	5.2			1		3.4		3.6		10	
17#	40750	-234000		407				3		7.7		2.3				5.7		14.7
18#	40500	-234000	333				1.5	4.5			1				2.9		8.6	
19#	40250	-234000		370				2.7		5.2		1.9				5.2		10
20#	40000	-234000	313				1.6	3.6			1				3.1		6.9	
21#	39750	-234000		522				2.4		4.8		2.4				4.6		9.2
22#	39500	-234000	139				1.8	3.3			0.5				3.4		6.3	
23#	39250	-234000		432				2.9		4.2		2.4				5.6		8
24#	39000	-234000	500				2.5	3.2			2.4				4.8		6.1	
25#	38750	-234000		295				3.4		4		1.9				6.5		7.7
26#	38500	-234000	400				2.5	4.3			1.9				4.8		8.2	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	38250	-234000		274				3.8				2				7.3		
28#	38000	-234000	566				2.7		3.4		2.9				5.2		6.5	
29#	37750	-234000		358		115		2.8		13		1.9		2.9		5.4		24.9
30#	37500	-234000	358		137		2.1		11		1.4		2.9		4		21.1	
31#	37250	-234000		125				8		15		1.9				15.3		28.7
32#	37000	-234000	278		159		5.4		11		2.9		3.3		10.3		21.1	
33#	36750	-234000		188				9.3		12		3.3				17.8		23
34#	36500	-234000	33		175		7.6		10		0.5		3.3		14.5		19.1	
35#	36250	-234000		139				9		11		2.4				17.2		21.1
36#	36000	-234000	36		225		35		10		2.4		4.3		67		19.1	
37#	35750	-234000		46				38		10		3.3				72.7		19.1
38#	35500	-234000	12		54		40		51		0.9		5.3		76.6		97.6	
39#	35250	-234000		10				48				0.9				91.9		
40#	35000	-234000	31		32		32		71		1.9		4.3		61.3		135.9	
41#	34750	-234000		23		29		55		79		2.4		4.4		105.3		151.2
42#	34500	-234000	36		25		35		69		2.4		3.3		67		132.1	
43#	34250	-234000		23		12		43		100		1.9		2.3		82.3		191.4
44#	34000	-234000	60		15		25		81		2.9		2.3		47.9		155	
45#	33750	-234000		10		24		48		73		0.9		3.4		91.9		139.7
46#	33500	-234000	25		20		30		50		1.4		1.9		57.4		95.7	
47#	33250	-234000		13		45		37		39		0.9		3.4		70.8		74.7
48#	33000	-234000	48		32		26		31		2.4		1.9		49.8		59.3	
49#	32750	-234000		27		56		34		27		1.8		2.9		65.1		51.7
50#	32500	-234000	52		60		29		29		2.9		3.3		55.5		55.5	
51#	32250	-234000		39				32				2.4				61.3		
52#	32000	-234000	26		13		19		97		0.9		2.4		36.4		185.7	
53#	31750	-234000		31		11		65		107		3.9		2.3		124.4		204.8
54#	31500	-234000	21		6.5		24		77		1		1		45.9		147.4	
55#	31250	-234000		47		10		32		146		2.9		2.8		61.3		279.5
56#	31000	-234000	26		14		29		71		1.4		1.9		55.5		135.9	
57#	30750	-234000		15		28		65		75		1.9		4		124.4		143.6
58#	30500	-234000	12		20		98		76		2.3		2.9		187.6		145.5	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	30250	-234000		15		34		150		44		4.3		2.9		287.1		84.2
60#	30000	-234000	17		15		72		99		2.3		2.8		137.8		189.5	
61#	29750	-234000		4.3		12		58		100		0.5		2.3		111		191.4
62#	29500	-234000	36		22		55		68		3.8		2.9		105.3		130.2	
63#	29250	-234000		17				74				2.4				141.6		
64#	29000	-234000	24		16		42		105		1.9		3.2		80.4		201	
65#	28750	-234000		8		9		93		220		1.4		3.8		178		421.1
66#	28500	-234000	9		2.3		27		216		0.5		1		51.7		413.5	
67#	28250	-234000		15		2.3		66		108		1.9		0.5		126.3		206.7
68#	28000	-234000					30		36						57.4		68.9	
69#	27750	-234000						29		74						55.5		141.6
70#	27500	-234000					15		43						28.7		82.3	
71#	27250	-234000						28		46						53.6		88.1
72#	27000	-234000	54				23		31		2.4				44		59.3	
73#	26750	-234000		7.6		5.2		33		48		0.5		0.5		63.2		91.9
74#	26500	-234000	56		22		9		57		1		2.4		17.2		109.1	
75#	26250	-234000		37				20				1.4				38.3		
76#	26000	-234000			30		15		25				1.4		28.7		47.9	
77#	25750	-234000		16		28		43		33		1.3		1.8		82.3		63.2
78#	25500	-234000			21		12		35				1.4		23		67	
79#	25250	-234000		45		26		22		96		1.9		4.8		42.1		183.8
80#	25000	-234000			55		9		27				2.8		17.2		51.7	
81#	24750	-234000		95		35		9		27		1.6		1.8		17.2		51.7
82#	24500	-234000	167		26		9		39		2.9		1.9		17.2		74.7	
83#	24250	-234000		42		14		24		102		1.9		2.7		45.9		195.2
84#	24000	-234000	71		24		14		73		1.9		3.4		26.8		139.7	
85#	23750	-234000		22		18		57		165		2.4		5.7		109.1		315.8
86#	23500	-234000	87		19		26		152		4.3		5.5		49.8		290.9	
87#	23250	-234000		31				80				4.7				153.1		
88#	23000	-234000	57		36		44		90		4.8		6.2		84.2		172.3	
89#	22750	-234000		26		64		57		39		2.8		4.8		109.1		74.7
90#	22500	-234000	39		73		61		31		4.6		4.3		116.8		59.3	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	22250	-234000		57				35		11		3.8				67		21.1
92#	22000	-234000	40		214		56		14		4.3		5.7		107.2		26.8	
93#	21750	-234000		83				27		20		4.3				51.7		38.3
94#	21500	-234000	92		66		19		43		3.3		5.4		36.4		82.3	
95#	21250	-234000		70				32		70		4.3				61.3		134
96#	21000	-234000	91		65		11		54		1.9		6.7		21.1		103.4	
97#	20750	-234000		54		98		23		231		2.4		43.3		44		442.2
98#	20500	-234000	14		51		9		49		0.2		4.8		17.2		93.8	
99#	20250	-234000		27				20				1				38.3		
100#	20000	-234000	55		25		18		40		1.9		1.9		34.5		76.6	
101#	19750	-234000		27		40		28		31		1.4		2.4		53.6		59.3
102#	19500	-234000	58		52		26		24		2.9		2.4		49.8		45.9	
103#	19250	-234000		43		48		29		31		2.4		2.8		55.5		59.3
104#	19000	-234000	33				23		32		1.5				44		61.3	
105#	18750	-234000				10		40		48				0.9		76.6		91.9
106#	18500	-234000	32				31		65		1.9				59.3		124.4	
107#	18250	-234000				8.2		159		153				2.4		304.3		292.9
108#	18000	-234000	83		3.2		18		156		2.9		1		34.5		298.6	
109#	17750	-234000		17				73		187		2.4				139.7		357.9
110#	17500	-234000	60		7.7		21		97		2.4		1.4		40.2		185.7	
111#	17250	-234000		29				35				1.9				67		
112#	17000	-234000	46		35		33		29		2.9		1.9		63.2		55.5	
113#	16750	-234000		33		32		30		31		1.9		1.9		57.4		59.3
114#	16500	-234000	13		30		38		33		0.9		1.9		72.7		63.2	
115#	16250	-234000		20		6.8		51		110		2		1.4		97.6		210.6
116#	16000	-234000	21		4.3		48		175		1.9		1.4		91.9		335	
117#	15750	-234000		7		11		178		67		2.4		1.4		340.7		128.2
118#	15500	-234000	4.6		9.3		109		81		1		1.4		208.6		155	
119#	15250	-234000		7.4		18		34		68		0.5		2.3		65.1		130.2
120#	15000	-234000	21		15		36		34		1.4		1		68.9		65.1	
121#	14750	-234000		9.6		1.3		26		190		0.5		0.5		49.8		363.7
122#	14500	-234000	11		9.6		68		52		1.4		1		130.2		99.5	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	14250	-234000		7.2				140				1.9				268		
124#	14000	-234000	37		15		27		163		1.9		4.7		51.7		312	
125#	13750	-234000		78		12		32		108		4.8		2.5		61.3		206.7
126#	13500	-234000	107		63		28		28		5.7		3.4		53.6		53.6	
127#	13250	-234000		41		54		37		23		2.9		2.4		70.8		44
128#	13000	-234000	86		107		29		21		4.8		4.3		55.5		40.2	
129#	12750	-234000		54		48		23		21		2.4		1.9		44		40.2
130#	12500	-234000	83		46		12		27		1.9		2.4		23		51.7	
131#	12250	-234000		97		30		18		50		3.3		2.9		34.5		95.7
132#	12000	-234000	62		53		12		33		1.4		3.3		23		63.2	
133#	11750	-234000		65		45		23		45		2.9		3.9		44		86.1
134#	11500	-234000	48		60		31		25		2.8		2.9		59.3		47.9	
135#	11250	-234000		20				51				2				97.6		
136#	11000	-234000	48		34		21		74		1.9		4.8		40.2		141.6	
137#	10750	-234000		5.6		34		45		129		0.5		8.4		86.1		246.9
138#	10500	-234000	56		13		27		93		2.9		2.3		51.7		178	
139#	10250	-234000		22		9.6		80		52		3.4		1		153.1		99.5
140#	10000	-234000	33				30		56		1.9				57.4		107.2	
141#	9750	-234000				3.4		30		149				1		57.4		285.2
142#	9500	-234000			5.1		13		98				1		24.9		187.6	
143#	9250	-234000				85		54		177				28.8		103.4		338.8
144#	9000	-234000	7.8		8.8		32		114		0.5		1.9		61.3		218.2	
145#	8750	-234000		17		10		90		149		2.9		2.9		172.3		285.2
146#	8500	-234000	56		7.7		27		130		2.9		1.9		51.7		248.8	
147#	8250	-234000		17				44				1.4				84.2		
148#	8000	-234000	19		33		91		45		3.3		2.8		174.2		86.1	
149#	7750	-234000		20		38		100		46		3.8		3.3		191.4		88.1
150#	7500	-234000	22		11		113		109		4.8		2.3		216.3		208.6	
151#	7250	-234000		13		14		137		123		3.4		3.3		262.2		235.4
152#	7000	-234000	13		18		133		150		3.3		5.2		254.6		287.1	
153#	6750	-234000		11		5.8		158		260		3.3		2.9		302.4		497.7
154#	6500	-234000	13		9.3		139		242		3.5		4.3		266.1		463.2	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	6250	-234000		8.8		3.7		227		273		3.8		1.9		434.5		522.6
156#	6000	-234000	4.4		9.1		170		248		1.4		4.3		325.4		474.7	
157#	5750	-234000		9.7		12		207		302		3.8		6.9		396.2		578.1
158#	5500	-234000	10		11		177		250		3.4		5.3		338.8		478.5	
159#	5250	-234000		13				231				5.7				442.2		
160#	5000	-234000	12		10		187		224		4.3		4.3		357.9		428.8	
161#	4750	-234000		7		6.5		214		268		2.9		3.3		409.6		513
162#	4500	-234000	9.1		5.7		138		263		2.4		2.9		264.2		503.4	
163#	4250	-234000		20		135		51		39		2		10.1		97.6		74.7
164#	4000	-234000	22		90		34		36		1.4		6.2		65.1		68.9	
165#	3750	-234000		15		79		33		60		0.9		9.1		63.2		114.8
166#	3500	-234000	89		27		14		65		2.4		3.4		26.8		124.4	
167#	3250	-234000		29		2.6		38		96		2.1		0.5		72.7		183.8
168#	3000	-234000	259		3.7		2.9		67		1.4		0.5		5.6		128.2	
169#	2750	-234000		68		2.5		7.4		197		1		0.9		14.2		377.1
170#	2500	-234000	250		9.3		2		27		1		0.5		3.8		51.7	
171#	2250	-234000						13								24.9		
172#	2000	-234000			38		3.7		46				3.3		7.1		88.1	
173#	1750	-234000		58		83		30		30		3.3		4.8		57.4		57.4
174#	1500	-234000	125		109		10		23		2.4		4.8		19.1		44	
175#	1250	-234000		159				11		22		3.3				21.1		42.1
176#	1000	-234000	136				9.2		13		2.4				17.6		24.9	
177#	750	-234000		173		31		13		16		4.3		0.9		24.9		30.6
178#	500	-234000	34		37		22		20		1.4		1.4		42.1		38.3	
179#	250	-234000		5.6		30		45		25		0.5		1.4		86.1		47.9
180#	0	-234000	23		17		22		58		1		1.9		42.1		111	
181#	-250	-234000		37		41		34		43		2.4		3.4		65.1		82.3
182#	-500	-234000	6.8		46		37		27		0.5		2.4		70.8		51.7	
183#	-750	-234000		40				25				1.9				47.9		
184#	-1000	-234000	75		14		70		20		10		0.5		134		38.3	
185#	-1250	-234000		4.2		8.3		59		61		0.5		1		112.9		116.8
186#	-1500	-234000	16		8.3		47		60		1.4		1		90		114.8	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
187#	-1750	-234000				6.8		59		72				0.9		112.9		137.8
188#	-2000	-234000			65		23		77				9.6		44		147.4	
189#	-2250	-234000		30		5.5		33		91		1.9		1		63.2		174.2
190#	-2500	-234000	96		12		39		41		7.2		0.9		74.7		78.5	
191#	-2750	-234000		8.2		4		61		62		1		0.5		116.8		118.7
192#	-3000	-234000	20		2.4		38		106		1.5		0.5		72.7		202.9	
193#	-3250	-234000		8		2.3		63		107		1		0.5		120.6		204.8
194#	-3500	-234000	12		7.4		62		68		1.4		1		118.7		130.2	
195#	-3750	-234000		6.6				76				1				145.5		
196#	-4000	-234000	9.8		36		51		49		1		3.4		97.6		93.8	
197#	-4250	-234000		31		22		40		92		2.4		3.9		76.6		176.1
198#	-4500	-234000	24		12		41		80		1.9		1.8		78.5		153.1	
199#	-4750	-234000		13				95		81		2.4				181.8		155
200#	-5000	-234000	13				56		100		1.4				107.2		191.4	
201#	-5250	-234000		7.5				67		198		1				128.2		379
202#	-5500	-234000	23				22		141		1				42.1		269.9	
203#	-5750	-234000		24		2.7		53		182		2.4		0.9		101.4		348.4
204#	-6000	-234000	56		6.7		45		75		4.8		1		86.1		143.6	
205#	-6250	-234000		14		8.6		72		87		1.9		1.4		137.8		166.5
206#	-6500	-234000			13		36		93				2.3		68.9		178	
207#	-6750	-234000		23				154				6.8				294.8		
208#	-7000	-234000	29		23		51		44		2.8		1.9		97.6		84.2	
209#	-7250	-234000		14		20		53		37		1.4		1.4		101.4		70.8
210#	-7500	-234000	54		16		28		48		2.9		1.5		53.6		91.9	
211#	-7750	-234000		46		14		33		110		2.9		2.9		63.2		210.6
212#	-8000	-234000	56		17		14		88		1.5		2.9		26.8		168.4	
213#	-8250	-234000		33		9		61		138		3.9		2.4		116.8		264.2
214#	-8500	-234000	43		21		23		104		1.9		4.2		44		199.1	
215#	-8750	-234000		14		21		52		97		1.4		3.9		99.5		185.7
216#	-9000	-234000	80		32		25		54		3.8		3.3		47.9		103.4	
217#	-9250	-234000		16		27		31		82		0.9		4.2		59.3		157
218#	-9500	-234000	41		19		37		53		2.9		1.9		70.8		101.4	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
219#	-9750	-234000		17				73				2.4				139.7		
220#	-10000	-234000	17		37		43		54		1.4		3.8		82.3		103.4	
221#	-10250	-234000		53		27		38		83		3.9		4.3		72.7		158.9
222#	-10500	-234000	48		27		21		64		1.9		3.3		40.2		122.5	
223#	-10750	-234000				60			21					2.4				40.2
224#	-11000	-234000	37		59		37		17		2.6		1.9		70.8		32.5	
225#	-11250	-234000		44		40		17		31		1.4		2.4		32.5		59.3
226#	-11500	-234000	143		20		7		37		1.9		1.4		13.4		70.8	
227#	-11750	-234000		50		14		15		106		1.4		2.8		28.7		202.9
228#	-12000	-234000	62		27		12		47		1.4		2.4		23		90	
229#	-12250	-234000		26		17		39		73		1.9		2.4		74.7		139.7
230#	-12500	-234000	111		16		9		63		1.9		1.9		17.2		120.6	
231#	-12750	-234000		105				10				2				19.1		
232#	-13000	-234000	66		250		19		9		2.4		4.3		36.4		17.2	
233#	-13250	-234000		57				22		13		2.4				42.1		24.9
234#	-13500	-234000	32		74		31		27		1.9		3.8		59.3		51.7	
235#	-13750	-234000		24		15		42		33		1.9		0.9		80.4		63.2
236#	-14000	-234000	24		55		42		50		1.9		5.3		80.4		95.7	
237#	-14250	-234000		30		13		58		78		3.3		1.9		111		149.3
238#	-14500	-234000	38		7.8		39		96		2.8		1.4		74.7		183.8	
239#	-14750	-234000		30		12		66		100		3.8		2.3		126.3		191.4
240#	-15000	-234000	22		20		58		76		2.4		2.9		111		145.5	
241#	-15250	-234000		26		13		67		114		3.3		2.8		128.2		218.2
242#	-15500	-234000	21		17		48		100		1.9		3.3		91.9		191.4	
243#	-15750	-234000		21				71				2.9				135.9		
244#	-16000	-234000	24		24		74		74		3.4		3.4		141.6		141.6	
245#	-16250	-234000		22		16		80		91		3.4		2.8		153.1		174.2
246#	-16500	-234000	12		12		61		101		1.4		2.3		116.8		193.3	
247#	-16750	-234000		12		13		84		13		1.9		0.3		160.8		24.9
248#	-17000	-234000	10		17		75		100		1.4		3.3		143.6		191.4	
249#	-17250	-234000		15		20		103		112		3		4.3		197.2		214.4
250#	-17500	-234000	19		14		53		123		1.9		3.3		101.4		235.4	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
251#	-17750	-234000		19		14		67		184		2.4		4.9		128.2		352.2
252#	-18000	-234000	26		17		49		104		2.4		3.4		93.8		199.1	
253#	-18250	-234000		15		17		81		102		2.3		3.3		155		195.2
254#	-18500	-234000	19		21		67		82		2.4		3.3		128.2		157	
255#	-18750	-234000		20				64				2.5				122.5		
256#	-19000	-234000	11		36		69		69		1.5		4.8		132.1		132.1	
257#	-19250	-234000		14		26		73		77		2		3.8		139.7		147.4
258#	-19500	-234000	26		19		78		81		3.9		2.9		149.3		155	
259#	-19750	-234000		16		8.2		93		91		2.8		1.4		178		174.2
260#	-20000	-234000	24		14		62		117		2.8		3.1		118.7		224	
261#	-20250	-234000		16		15		91		135		2.8		3.9		174.2		258.4
262#	-20500	-234000	28		17		63		115		3.4		3.7		120.6		220.1	
263#	-20750	-234000		21		20		97		113		3.9		4.3		185.7		216.3
264#	-21000	-234000	30		15		67		101		3.8		2.9		128.2		193.3	
265#	-21250	-234000		27		38		82		86		4.2		6.3		157		164.6
266#	-21500	-234000	28		39		53		77		2.8		5.7		101.4		147.4	
267#	-21750	-234000		42				53				4.3				101.4		
268#	-22000	-234000	39		27		64		65		4.8		3.4		122.5		124.4	
269#	-22250	-234000		19		19		70		79		2.5		2.9		134		151.2
270#	-22500	-234000	18		13		68		97		2.3		2.4		130.2		185.7	
271#	-22750	-234000		14		22		87		90		2.3		3.8		166.5		172.3
272#	-23000	-234000	35		15		65		85		4.4		2.4		124.4		162.7	
273#	-23250	-234000		33		19		61		103		3.9		3.7		116.8		197.2
274#	-23500	-234000	27		33		47		84		2.4		5.3		90		160.8	
275#	-23750	-234000		29		42		70		83		3.9		6.7		134		158.9
276#	-24000	-234000	14		15		54		81		1.4		2.3		103.4		155	
277#	-24250	-234000		13		25		74		111		1.8		5.3		141.6		212.5
278#	-24500	-234000	63		11		44		113		5.3		2.4		84.2		216.3	
279#	-24750	-234000		13				77				1.9				147.4		
280#	-25000	-234000	23		15		54		99		2.4		2.8		103.4		189.5	
281#	-25250	-234000		16		16		80		94		2.5		2.9		153.1		179.9
282#	-25500	-234000	55		18		41		83		4.3		2.9		78.5		158.9	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
283#	-25750	-234000		15		8.2		50		91		1.4		1.4		95.7		174.2
284#	-26000	-234000	20		17		37		59		1.4		1.9		70.8		112.9	
285#	-26250	-234000		11		31		67		48		1.4		2.8		128.2		91.9
286#	-26500	-234000	5		13		50		58		0.5		1.4		95.7		111	
287#	-26750	-234000		5.2		27		48		74		0.5		3.8		91.9		141.6
288#	-27000	-234000	17		11		30		67		1		1.4		57.4		128.2	
289#	-27250	-234000		10		8.2		48		61		0.9		1		91.9		116.8
290#	-27500	-234000	17		2.7		45		47		1.5		0.2		86.1		90	
291#	-27750	-234000		11				45				0.9				86.1		
292#	-28000	-234000	24		25		31		51		1.4		2.4		59.3		97.6	
293#	-28250	-234000		19		17		40		58		1.5		1.9		76.6		111
294#	-28500	-234000	11		21		45		47		0.9		1.9		86.1		90	
295#	-28750	-234000		4.2		30		60		51		0.5		2.9		114.8		97.6
296#	-29000	-234000	6		19		42		65		0.5		2.4		80.4		124.4	
297#	-29250	-234000		16		49		46		46		1.4		4.3		88.1		88.1
298#	-29500	-234000	18		49		28		36		1		3.4		53.6		68.9	
299#	-29750	-234000		18		45		28		39		1		3.4		53.6		74.7
300#	-30000	-234000	28		29		18		35		1		1.9		34.5		67	
301#	-30250	-234000		16		11		31		47		0.9		1		59.3		90
302#	-30500	-234000	26		12		19		43		0.9		1		36.4		82.3	
303#	-30750	-234000		61				33				3.9				63.2		
304#	-31000	-234000			26		15		58				2.9		28.7		111	
305#	-31250	-234000		25		41		30		37		1.4		2.9		57.4		70.8
306#	-31500	-234000	59		72		17		21		1.9		2.9		32.5		40.2	
307#	-31750	-234000		53		135		14		24		1.4		6.2		26.8		45.9
308#	-32000	-234000	42		168		12		18		1		5.8		23		34.5	
309#	-32250	-234000		97		68		18		37		3.3		4.8		34.5		70.8
310#	-32500	-234000	62		67		16		41		1.9		5.3		30.6		78.5	
311#	-32750	-234000		63		60		44		46		5.3		5.3		84.2		88.1
312#	-33000	-234000	80		35		25		57		3.8		3.8		47.9		109.1	
313#	-33250	-234000		34		46		37		38		2.4		3.3		70.8		72.7
314#	-33500	-234000	36		63		42		24		2.9		2.9		80.4		45.9	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M	
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
315#	-33750	-234000		45				28				2.4				53.6			
316#	-34000	-234000	50		23		35		43		3.3		1.9		67		82.3		
317#	-34250	-234000		32		27		62		47		3.8		2.4		118.7		90	
318#	-34500	-234000	33		20		33		77		2.1		2.9		63.2		147.4		
319#	-34750	-234000		52		10		52		152		5.2		2.9		99.5		290.9	
320#	-35000	-234000	25		15		25		103		1.2		3		47.9		197.2		
321#	-35250	-234000		19		13		53		118		1.9		2.9		101.4		225.9	
322#	-35500	-234000	30		27		42		66		2.4		3.4		80.4		126.3		
323#	-35750	-234000		16		33		64		76		2		4.8		122.5		145.5	
324#	-36000	-234000	20		16		49		79		1.9		2.4		93.8		151.2		
325#	-36250	-234000		39		26		65		76		4.9		3.8		124.4		145.5	
326#	-36500	-234000	18		30		85		67		2.9		3.8		162.7		128.2		
327#	-36750	-234000		27				94				4.9				179.9			
328#	-37000	-234000	42		15		52		97		4.2		2.8		99.5		185.7		
329#	-37250	-234000		17		18		60		99		2		3.4		114.8		189.5	
330#	-37500	-234000	19		27		52		66		1.9		3.4		99.5		126.3		
331#	-37750	-234000		29		30		60		84		3.3		4.8		114.8		160.8	
332#	-38000	-234000	42		36		30		77		2.4		5.3		57.4		147.4		
333#	-38250	-234000		37		28		54		97		3.8		5.2		103.4		185.7	
334#	-38250	-234000	94		27		32		74		5.8		3.8		61.3		141.6		
335#	-38500	-234000		43		34		47		88		3.9		5.7		90		168.4	
336#	-38750	-234000	80		33		28		60		4.3		3.8		53.6		114.8		
337#	-39000	-234000		58		37		43		81		4.8		5.7		82.3		155	
338#	-39250	-234000	33		42		38		65		2.4		5.2		72.7		124.4		
339#	-39500	-234000		39				70				5.2				134			
340#	-39750	-234000	49		25		46		92		4.3		4.4		88.1		176.1		
341#	-40000	-234000		42		28		71		90		5.7		4.8		135.9		172.3	
342#	-40250	-234000	53		27		52		75		5.3		3.9		99.5		143.6		
343#	-40500	-234000		55		33		55		83		5.8		5.2		105.3		158.9	
344#	-40750	-234000	45		46		50		66		4.3		5.8		95.7		126.3		
345#	-41000	-234000		43		47		64		53		5.3		4.8		122.5		101.4	
346#	-41250	-234000			35		49		57				3.8		93.8		109.1		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
347#	-41500	-234000				40		51		57				4.4		97.6		109.1
348#	-41750	-234000	69		34		29		52		3.8		3.4		55.5		99.5	
349#	-42000	-234000		56		43		40		88		4.3		7.2		76.6		168.4
350#	-42250	-234000	42		37		30		74		2.4		5.2		57.4		141.6	
351#	-42500	-234000		32				63				3.9				120.6		
352#	-42750	-234000	55		8		32		62		3.4		0.9		61.3		118.7	
353#	-43000	-234000		43		19		35		135		2.9		4.9		67		258.4
354#	-43250	-234000	30		31		25		82		1.4		4.9		47.9		157	
355#	-43500	-234000		21		26		61		86		2.5		4.3		116.8		164.6
356#	-43750	-234000	38		39		85		65		6.2		4.9		162.7		124.4	
357#	-44000	-234000		36		36		97		84		6.7		5.8		185.7		160.8
358#	-44250	-234000	58		22		60		114		6.7		4.8		114.8		218.2	
359#	-44500	-234000		50		66		86		38		8.2		4.8		164.6		72.7
360#	-44750	-234000	30		117		108		30		6.2		6.7		206.7		57.4	
361#	-45000	-234000		76		88		43		34		6.3		5.7		82.3		65.1
362#	-45250	-234000	86		71		32		56		5.3		7.6		61.3		107.2	
363#	-45500	-234000		73				48				6.7				91.9		
364#	-45750	-234000	71		38		46		65		6.3		4.7		88.1		124.4	
365#	-46000	-234000		37		22		75		80		5.3		3.4		143.6		153.1
366#	-46250	-234000			15		32		99				2.8		61.3		189.5	
367#	-46500	-234000		26		24		38		116		1.9		5.3		72.7		222
368#	-46750	-234000	19		32		27		47		1		2.9		51.7		90	
369#	-47000	-234000		23		5.9		43		84		1.9		0.9		82.3		160.8
370#	-47250	-234000	19		22		40		81		1.5		3.4		76.6		155	
371#	-47500	-234000		19		26		80		67		2.9		3.3		153.1		128.2
372#	-47750	-234000	14		17		73		75		2		2.4		139.7		143.6	
373#	-48000	-234000		22		19		78		146		3.3		5.3		149.3		279.5
374#	-48250	-234000	9		17		56		158		1		5.1		107.2		302.4	
375#	-48500	-234000		16				123				3.8				235.4		
376#	-48750	-234000	16		40		139		75		4.3		5.7		266.1		143.6	
377#	-49000	-234000		37		110		96		25		6.8		5.3		183.8		47.9
378#	-49250	-234000	148		107		27		35		7.6		7.2		51.7		67	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP. N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
379#	-49500	-234000		173		49		13		61		4.3		5.7		24.9		116.8
380#	-49750	-234000	100		96		15		26		2.9		4.8		28.7		49.8	
381#	-50000	-234000		66		158		38		19		4.8		5.7		72.7		36.4
382#	-50250	-234000	59		91		17		33		1.9		5.7		32.5		63.2	
383#	-50500	-234000		55		61		18		49		1.9		5.7		34.5		93.8
384#	-50750	-234000			65		6.3		27				3.4		12.1		51.7	
385#	-51000	-234000				15		9		66				1.9		17.2		126.3
386#	-51250	-234000					12		24						23		45.9	
387#	-51500	-234000						35								67		
388#	-51750	-234000			5.8		12		43				0.5		23		82.3	
389#	-52000	-234000						18		51						34.5		97.6
390#	-52250	-234000					15		24						28.7		45.9	
391#	-52500	-234000		10		18		24		28		0.5		1		45.9		53.6
392#	-52750	-234000					20		29						38.3		55.5	
393#	-53000	-234000		16		24		31		21		0.9		1		59.3		40.2
394#	-53250	-234000	110			16		23			3.4				30.6		44	
395#	-53500	-234000		134		26		13		19		3.3		0.9		24.9		36.4
396#	-53750	-234000	125		103		10		17		2.4		3.4		19.1		32.5	
397#	-54000	-234000		135		48		13		21		3.4		1.9		24.9		40.2
398#	-54250	-234000	128		162		7.8		17		1.9		5.3		14.9		32.5	
399#	-54500	-234000		200				10				3.8				19.1		
400#	-54750	-234000	364		28		5.5		18		3.8		1		10.5		34.5	
401#	-55000	-234000		59		17		8.5		29		1		0.9		16.3		55.5
402#	-55250	-234000			36		7.6		14				1		14.5		26.8	
403#	-55500	-234000		54		109		9.3		16		1		3.3		17.8		30.6
404#	-55750	-234000	50		229		5		12		0.5		5.3		9.6		23	
405#	-56000	-234000		130		178		7.7		14		1.9		4.8		14.7		26.8
406#	-56250	-234000	307		200		5.7		10		3.3		3.8		10.9		19.1	
407#	-56500	-234000		199		125		8.8		12		3.4		2.9		16.8		23
408#	-56750	-234000	278		227		5.4		11		2.9		4.8		10.3		21.1	
409#	-57000	-234000		339		135		8.1		13		5.3		3.4		15.5		24.9
410#	-57250	-234000	221		200		6.8		10		2.9		3.8		13		19.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
411#	-57500	-234000		130				7.7				1.9				14.7		
412#	-57750	-234000	45		114		11		11		0.9		2.4		21.1		21.1	
413#	-58000	-234000		136		67		11		15		2.9		1.9		21.1		28.7
414#	-58250	-234000	225		96		7.8		13		3.4		2.4		14.9		24.9	
415#	-58500	-234000		91		17		11		15		1.9		0.5		21.1		28.7
416#	-58750	-234000	185		83		8.1		12		2.9		1.9		15.5		23	
417#	-59000	-234000		55		15		9		17		0.9		0.5		17.2		32.5
418#	-59250	-234000	55		105		9		12		0.9		2.4		17.2		23	
419#	-59500	-234000		21		15		12		17		0.5		0.5		23		32.5
420#	-59750	-234000	31		59		8		17		0.5		1.9		15.3		32.5	
421#	-60000	-234000		96		26		13		19		2.4		0.9		24.9		36.4
422#	-60250	-234000	25		33		10		15		0.5		0.9		19.1		28.7	
423#	-60500	-234000		38				13				0.9				24.9		
424#	-60750	-234000			13		12		19				0.5		23		36.4	
425#	-61000	-234000				42		19		24				1.9		36.4		45.9
426#	-61250	-234000			11		15		23				0.5		28.7		44	
427#	-61500	-234000				26		19		38				1.9		36.4		72.7
428#	-61750	-234000	18		7.8		14		32		0.5		0.5		26.8		61.3	
429#	-62000	-234000		12		17		21		45		0.5		1.5		40.2		86.1
430#	-62250	-234000	15		23		17		32		0.5		1.4		32.5		61.3	
431#	-62500	-234000		24		75		31		20		1.4		2.9		59.3		38.3
432#	-62750	-234000	29		53		26		19		1.4		1.9		49.8		36.4	
433#	-63000	-234000		28		33		18		30		1		1.9		34.5		57.4
434#	-63250	-234000	47		17		16		30		1.4		1		30.6		57.4	
435#	-63500	-234000		8				31				0.5				59.3		
436#	-63750	-234000	29		12		17		42		0.9		1		32.5		80.4	
437#	-64000	-234000		8.6		21		29		60		0.5		2.4		55.5		114.8
438#	-64250	-234000	50		53		10		47		1		4.8		19.1		90	
439#	-64500	-234000		13		12		19		60		0.5		1.4		36.4		114.8
440#	-64750	-234000	17		28		15		27		0.5		1.4		28.7		51.7	
441#	-65000	-234000				7.6		26		33				0.5		49.8		63.2
442#	-65250	-234000	125		7.8		14		32		3.3		0.5		26.8		61.3	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP.	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
443#	-65500	-234000		36		17		21		29		1.4		0.9		40.2		55.5
444#	-65750	-234000	31		37		16		20		0.9		1.4		30.6		38.3	
445#	-66000	-234000		59			17		21		1.9					32.5		40.2
446#	-66250	-234000	42		42		12		18		1		1.4		23		34.5	
447#	-66500	-234000		18			14				0.5					26.8		
448#	-66750	-234000	21		26		12		19		0.5		0.9		23		36.4	
449#	-67000	-234000		44		21		17		35		1.4		1.4		32.5		67
450#	-67250	-234000	62		24		8		31		0.9		1.4		15.3		59.3	
451#	-67500	-234000		15		29		17		34		0.5		1.9		32.5		65.1
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

SOUTH REGIONAL 2380S 500 FEET ??-
 IP 58 5W TO 35W LENGTH 55 000 FEET
 ALONG LINE STA TIONS INCREASE WEST

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
			METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M		
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	-3500	-238000				12				122				2.8				233.5	
2#	-3750	-238000			5.3				236				2.4				451.7		
3#	-4000	-238000		10		6.8		124		183		2.4		2.4		237.4		350.3	
4#	-4250	-238000	25		4.6		79		110		3.8		1		151.2		210.6		
5#	-4500	-238000		7.8		6.9		96		109		1.4		1.4		183.8		208.6	
6#	-4750	-238000	14		8.8		87		114		2.3		1.9		166.5		218.2		
7#	-5000	-238000		11		7.9		117		191		2.5		2.9		224		365.6	
8#	-5250	-238000	11		11		175		210		3.7		4.4		335		402		
9#	-5500	-238000		3.9				390				2.9				746.5			
10#	-5750	-238000	12		5.2		148		385		3.4		3.8		283.3		736.9		
11#	-6000	-238000		7.4		3.2		170		467		2.4		2.9		325.4		893.9	
12#	-6250	-238000	13		3.4		118		298		2.9		1.9		225.9		570.4		
13#	-6500	-238000		13		15		98		162		2.4		4.7		187.6		310.1	
14#	-6750	-238000	16		15		95		116		2.9		3.3		181.8		222		
15#	-7000	-238000		8.5		10		147		121		2.4		2.3		281.4		231.6	
16#	-7250	-238000	15		15		97		154		2.8		4.4		185.7		294.8		
17#	-7500	-238000		14		27		111		88		3		4.5		212.5		168.4	
18#	-7750	-238000	32		32		47		62		2.9		3.8		90		118.7		
19#	-8000	-238000		67		27		30		103		3.8		5.3		57.4		197.2	
20#	-8250	-238000	53		54		33		51		3.3		5.3		63.2		97.6		
21#	-8500	-238000		29				60				3.3				114.8			
22#	-8750	-238000	32		13		47		133		2.9		3.3		90		254.6		
23#	-9000	-238000		16		9.2		113		109		3.5		1.9		216.3		208.6	
24#	-9250	-238000	33		18		54		98		3.4		3.4		103.4		187.6		
25#	-9500	-238000		23		20		44		139		1.9		5.3		84.2		266.1	
26#	-9750	-238000	33		42		38		54		2.4		4.3		72.7		103.4		
27#	-10000	-238000		34		39		59		71		3.8		5.3		112.9		135.9	
28#	-10250	-238000	19		19		104		103		3.8		3.7		199.1		197.2		
29#	-10500	-238000		9.1		16		221		123		3.8		3.8		423		235.4	
30#	-10750	-238000	13		9.5		116		264		2.9		4.8		222		505.3		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4		
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
31#	-11000	-238000		14		7.8		158		290		4.2		4.3		302.4		555.1		
32#	-11250	-238000	18		9.3		109		188		3.8		3.3		208.6		359.9			
33#	-11500	-238000		15				131				3.8				250.8				
34#	-11750	-238000	12		13		121		158		2.8		3.9		231.6		302.4			
35#	-12000	-238000		13		22		158		115		3.9		4.8		302.4		220.1		
36#	-12250	-238000	19		19		132		121		4.8		4.4		252.7		231.6			
37#	-12500	-238000		19		7.4		108		136		3.9		1.9		206.7		260.3		
38#	-12750	-238000	24		8.1		94		124		4.3		1.9		179.9		237.4			
39#	-13000	-238000		15		17		83		115		2.4		3.7		158.9		220.1		
40#	-13250	-238000	22		24		57		83		2.4		3.8		109.1		158.9			
41#	-13500	-238000		16		9.1		65		320		2		5.6		124.4		612.5		
42#	-13750	-238000	50		8.4		35		179		3.3		2.9		67		342.6			
43#	-14000	-238000		19		16		103		140		3.7		4.3		197.2		268		
44#	-14250	-238000	15		22		85		81		2.4		3.4		162.7		155			
45#	-14500	-238000		31				64				3.8				122.5				
46#	-14750	-238000	30		19		25		81		1.4		2.9		47.9		155			
47#	-15000	-238000		26		14		39		108		1.9		2.9		74.7		206.7		
48#	-15250	-238000	9.3		31		54		57		1		3.4		103.4		109.1			
49#	-15500	-238000		10		10		99		152		1.9		2.9		189.5		290.9		
50#	-15750	-238000	18		10		55		127		1.9		2.4		105.3		243.1			
51#	-16000	-238000		23		17		78		131		3.4		4.3		149.3		250.8		
52#	-16250	-238000	30		31		66		72		3.8		4.3		126.3		137.8			
53#	-16500	-238000		16		10		79		123		2.4		2.4		151.2		235.4		
54#	-16750	-238000	20		17		77		118		2.9		3.8		147.4		225.9			
55#	-17000	-238000		16		5.5		114		110		3.5		1.2		218.2		210.6		
56#	-17250	-238000	17		20		101		123		3.3		4.7		193.3		235.4			
57#	-17500	-238000		13				112				2.8				214.4				
58#	-17750	-238000	16		7.2		79		208		2.4		2.9		151.2		398.1			
59#	-18000	-238000		12		10		126		216		2.9		4.1		241.2		413.5		
60#	-18250	-238000	7.7		12		98		145		1.4		3.3		187.6		277.6			
61#	-18500	-238000		11		15		133		147		2.8		4.2		254.6		281.4		
62#	-18750	-238000	16		14		91		122		2.8		3.3		174.2		233.5			
63#	-19000	-238000		26		12		77		125		3.8		2.9		147.4		239.3		
64#	-19250	-238000	20		23		88		86		3.4		3.8		168.4		164.6			

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M	
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
65#	-19500	-238000		24		24		104		106		4.8		4.9		199.1		202.9	
66#	-19750	-238000	15		11		83		138		2.4		2.9		158.9		264.2		
67#	-20000	-238000		19		18		107		125		3.9		4.3		204.8		239.3	
68#	-20250	-238000	28		17		62		104		3.3		3.4		118.7		199.1		
69#	-20500	-238000		23				66				2.9				126.3			
70#	-20750	-238000	40		25		57		79		4.4		3.8		109.1		151.2		
71#	-21000	-238000		38		22		66		104		4.8		4.4		126.3		199.1	
72#	-21250	-238000	29		25		70		92		3.9		4.4		134		176.1		
73#	-21500	-238000		16		17		92		117		2.8		3.8		176.1		224	
74#	-21750	-238000	15		14		99		109		2.8		2.9		189.5		208.6		
75#	-22000	-238000		11		30		110		74		2.3		4.2		210.6		141.6	
76#	-22250	-238000	8.8		39		114		64		1.9		4.8		218.2		122.5		
77#	-22500	-238000		34		34		67		82		4.4		5.3		128.2		157	
78#	-22750	-238000	19		20		107		88		3.9		3.4		204.8		168.4		
79#	-23000	-238000		14		5.4		145		138		3.9		1.4		277.6		264.2	
80#	-23250	-238000	14		11		105		221		2.8		4.7		201		423		
81#	-23500	-238000		6.4				195				2.4				373.3			
82#	-23750	-238000	19		8.7		89		202		3.2		3.4		170.4		386.7		
83#	-24000	-238000		17		4.8		116		315		3.8		2.9		222		603	
84#	-24250	-238000	6		10		84		170		1		3.3		160.8		325.4		
85#	-24500	-238000		6.4		13		117		200		1.4		5		224		382.8	
86#	-24750	-238000	15		6.7		97		188		2.8		2.4		185.7		359.9		
87#	-25000	-238000		13		8.9		94		141		2.3		2.4		179.9		269.9	
88#	-25250	-238000	18		7.5		71		133		2.4		1.9		135.9		254.6		
89#	-25500	-238000		18		6.9		68		144		2.3		1.9		130.2		275.6	
90#	-25750	-238000	15		12		65		86		1.9		2		124.4		164.6		
91#	-26000	-238000		22		16		78		77		3.3		2.4		149.3		147.4	
92#	-26250	-238000	27		13		46		78		2.4		1.9		88.1		149.3		
93#	-26500	-238000		35				50				3.3				95.7			
94#	-26750	-238000	50		23		25		55		2.4		2.4		47.9		105.3		
95#	-27000	-238000		25		22		50		79		2.4		3.3		95.7		151.2	
96#	-27250	-238000	18		22		28		80		1		3.4		53.6		153.1		
97#	-27500	-238000		27		32		55		54		2.8		3.3		105.3		103.4	
98#	-27750	-238000	52		57		34		31		3.4		3.4		65.1		59.3		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M	
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
99#	-28000	-238000		76		25		23		51		3.3		2.4		44		97.6	
100#	-28250	-238000	77		44		26		34		3.8		2.9		49.8		65.1		
101#	-28500	-238000		38		44		40		34		2.9		2.9		76.6		65.1	
102#	-28750	-238000	30		42		25		42		1.4		3.4		47.9		80.4		
103#	-29000	-238000		39		28		33		63		2.5		3.4		63.2		120.6	
104#	-29250	-238000	63		24		20		52		2.4		2.4		38.3		99.5		
105#	-29500	-238000		29				35				1.9				67			
106#	-29750	-238000	46		46		22		33		1.9		2.9		42.1		63.2		
107#	-30000	-238000		73		36		24		35		3.4		2.4		45.9		67	
108#	-30250	-238000	83		46		15		27		2.4		2.4		28.7		51.7		
109#	-30500	-238000		97		70		18		25		3.3		3.3		34.5		47.9	
110#	-30750	-238000	109		87		16		23		3.3		3.8		30.6		44		
111#	-31000	-238000		65		65		23		23		2.9		2.9		44		44	
112#	-31250	-238000	89		83		14		24		2.4		3.8		26.8		45.9		
113#	-31500	-238000		100		47		15		37		2.9		3.3		28.7		70.8	
114#	-31750	-238000	120				10		24		2.3				19.1		45.9		
115#	-32000	-238000		98		50		18		30		3.4		2.9		34.5		57.4	
116#	-32250	-238000	113		96		11		26		2.4		4.8		21.1		49.8		
117#	-32500	-238000		103				17				3.4				32.5			
118#	-32750	-238000	54		62		14		32		1.4		3.8		26.8		61.3		
119#	-33000	-238000		58		57		26		35		2.9		3.8		49.8		67	
120#	-33250	-238000	87		52		23		29		3.8		2.9		44		55.5		
121#	-33500	-238000		89		44		28		40		4.8		3.4		53.6		76.6	
122#	-33750	-238000	200		58		20		39		7.7		4.3		38.3		74.7		
123#	-34000	-238000		75		59		30		38		4.3		4.3		57.4		72.7	
124#	-34250	-238000	120				23		32		5.3				44		61.3		
125#	-34500	-238000		28				27		72		1.4				51.7		137.8	
126#	-34750	-238000	14		18		18		68		0.5		2.3		34.5		130.2		
127#	-35000	-238000		16		33		49		75		1.5		4.7		93.8		143.6	
128#	-35250	-238000	16		32		32		62		1		3.8		61.3		118.7		
129#	-35500	-238000		28				53				2.8				101.4			
130#	-35750	-238000	32		38		31		46		1.9		3.3		59.3		88.1		
131#	-36000	-238000		44		32		34		62		2.9		3.8		65.1		118.7	
132#	-36250	-238000	64		42		39		48		4.8		3.9		74.7		91.9		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
			METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M		
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
133#	-36500	-238000		34		54		67		56		4.4		5.8		128.2		107.2	
134#	-36750	-238000	36		35		35		78		2.4		5.2		67		149.3		
135#	-37000	-238000		43		23		47		110		3.9		4.8		90		210.6	
136#	-37250	-238000	79		29		22		69		3.3		3.8		42.1		132.1		
137#	-37500	-238000		53		25		33		89		3.3		4.3		63.2		170.4	
138#	-37750	-238000	51		53		34		42		3.3		4.3		65.1		80.4		
139#	-38000	-238000		91		40		41		50		7.1		3.8		78.5		95.7	
140#	-38250	-238000	86		36		32		49		5.3		3.4		61.3		93.8		
141#	-38500	-238000		46				38				3.3				72.7			
142#	-38750	-238000	52		86		34		32		3.4		5.3		65.1		61.3		
143#	-39000	-238000		58		61		30		49		3.3		5.7		57.4		93.8	
144#	-39250	-238000	60		41		29		49		3.3		3.8		55.5		93.8		
145#	-39500	-238000		28		39		54		39		2.9		2.9		103.4		74.7	
146#	-39750	-238000	52		28		29		63		2.9		3.4		55.5		120.6		
147#	-40000	-238000		32		24		39		79		2.4		3.6		74.7		151.2	
148#	-40250	-238000	29		31		17		49		0.9		2.9		32.5		93.8		
149#	-40500	-238000		46		22		27		80		2.4		3.4		51.7		153.1	
150#	-40750	-238000	29		25		17		51		0.9		2.4		32.5		97.6		
151#	-41000	-238000		19		21		39		59		1.4		2.4		74.7		112.9	
152#	-41250	-238000	24		20		21		51		1		2		40.2		97.6		
153#	-41500	-238000		33				30				1.9				57.4			
154#	-41750	-238000	40		83		19		38		1.5		6		36.4		72.7		
155#	-42000	-238000		34		31		29		24		1.9		1.4		55.5		45.9	
156#	-42250	-238000	29		25		17		20		0.9		1		32.5		38.3		
157#	-42500	-238000		17		44		15		23		0.5		1.9		28.7		44	
158#	-42750	-238000	17		53		14		19		0.5		1.9		26.8		36.4		
159#	-43000	-238000		50		77		20		26		1.9		3.8		38.3		49.8	
160#	-43250	-238000	75		80		10		25		1.4		3.8		19.1		47.9		
161#	-43500	-238000		62		19		16		90		1.9		3.3		30.6		172.3	
162#	-43750	-238000	62		20		8		63		0.9		2.4		15.3		120.6		
163#	-44000	-238000		28		14		32		72		1.7		1.9		61.3		137.8	
164#	-44250	-238000	28		25		18		40		1		1.9		34.5		76.6		
165#	-44500	-238000		27				28				1.4				53.6			
166#	-44750	-238000	42		25		24		20		1.9		1		45.9		38.3		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4		
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
167#	-45000	-238000		36		58		21		26		1.4		2.9		40.2		49.8		
168#	-45250	-238000	45		19		28		26		2.4		0.9		53.6		49.8			
169#	-45500	-238000		17		20		45		87		1.5		3.3		86.1		166.5		
170#	-45750	-238000	21		22		36		89		1.4		3.7		68.9		170.4			
171#	-46000	-238000		24		24		94		116		4.3		5.3		179.9		222		
172#	-46250	-238000	22		28		69		107		2.9		5.7		132.1		204.8			
173#	-46500	-238000		25		54		89		69		4.3		7.1		170.4		132.1		
174#	-46750	-238000	37		50		67		71		4.7		6.8		128.2		135.9			
175#	-47000	-238000		47		46		75		71		6.7		6.3		143.6		135.9		
176#	-47250	-238000	12		30		240		76		5.5		4.4		459.4		145.5			
177#	-47500	-238000		35				135				9				258.4				
178#	-47750	-238000	36		21		124		168		8.5		6.8		237.4		321.6			
179#	-48000	-238000		25		68		160		88		7.7		11.5		306.3		168.4		
180#	-48250	-238000	49		56		77		99		7.2		10.6		147.4		189.5			
181#	-48500	-238000		58		65		58		85		6.4		10.6		111		162.7		
182#	-48750	-238000	51		123		49		51		4.8		12		93.8		97.6			
183#	-49000	-238000		96		83		47		78		8.6		12.4		90		149.3		
184#	-49250	-238000	158		78		30		74		9.1		11		57.4		141.6			
185#	-49500	-238000		106		76		50		76		10.1		11.1		95.7		145.5		
186#	-49750	-238000	136		103		25		56		6.5		11		47.9		107.2			
187#	-50000	-238000		102		76		32		82		6.2		11.9		61.3		157		
188#	-50250	-238000	18		82		55		52		1.9		8.2		105.3		99.5			
189#	-50500	-238000		10				120				2.3				229.7				
190#	-50750	-238000	2.5		21		99		85		0.5		3.4		189.5		162.7			
191#	-51000	-238000		11		17		92		45		1.9		1.5		176.1		86.1		
192#	-51250	-238000	11		18		68		55		1.4		1.9		130.2		105.3			
193#	-51500	-238000		6.6		25		38		50		0.5		2.4		72.7		95.7		
194#	-51750	-238000	15		38		33		33		0.9		2.4		63.2		63.2			
195#	-52000	-238000		44		38		34		34		2.9		2.5		65.1		65.1		
196#	-52250	-238000	13		50		10		35		0.2		3.3		19.1		67			
197#	-52500	-238000		10		29		12		52		0.2		2.9		23		99.5		
198#	-52750	-238000	12		66		8.7		19		0.2		2.4		16.7		36.4			
199#	-53000	-238000		72		63		14		28		1.9		3.4		26.8		53.6		
200#	-53250	-238000	21		50		12		20		0.5		1.9		23		38.3			

[illegible]

SOUTH REGIONAL 2420S 500 FEET ??-??-??

IP 235W-445E LENGTH 68000 FEET

GEOCHEMISTRY nil

ALONG LINE STATIONS INCREASE WEST =-X,

TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	44500	-242000				139				18				4.8				34.5
2#	44250	-242000			272				9.2				4.8				17.6	
3#	44000	-242000		182		192		5.5		13		1.9		4.8		10.5		24.9
4#	43750	-242000	233		442		4.3		8.5		1.9		7.2		8.2		16.3	
5#	43500	-242000		282		161		7.1		14		3.8		4.3		13.6		26.8
6#	43250	-242000	288		230		5.6		13		3.1		5.7		10.7		24.9	
7#	43000	-242000		227				11		13		4.8				21.1		24.9
8#	42750	-242000	500		87		5		23		4.8		3.8		9.6		44	
9#	42500	-242000		333		68		12		22		7.6		2.9		23		42.1
10#	42250	-242000	307		62		5.7		12		3.3		1.4		10.9		23	
11#	42000	-242000		182		176		11		17		3.8		5.7		21.1		32.5
12#	41750	-242000	91		162		8.3		17		1.4		5.3		15.9		32.5	
13#	41500	-242000		133		102		15		27		3.8		5.3		28.7		51.7
14#	41250	-242000	92		37		8.2		27		1.4		1.9		15.7		51.7	
15#	41000	-242000		109		81		16		31		3.3		4.8		30.6		59.3
16#	40750	-242000	146		100		12		20		3.4		3.8		23		38.3	
17#	40500	-242000		103		88		17		20		3.4		3.4		32.5		38.3
18#	40250	-242000	150		109		15		16		4.3		3.3		28.7		30.6	
19#	40000	-242000		125		175		16		20		3.8		6.7		30.6		38.3
20#	39750	-242000	117		91		15		22		3.4		3.8		28.7		42.1	
21#	39500	-242000		95		75		21		30		3.8		4.3		40.2		57.4
22#	39250	-242000	131		65		19		31		4.8		3.9		36.4		59.3	
23#	39000	-242000		66		67		34		41		4.3		5.3		65.1		78.5
24#	38750	-242000	15		25		17		50		0.5		2.4		32.5		95.7	
25#	38500	-242000		56				31				3.3				59.3		
26#	38250	-242000	31		21		21		48		1.2		1.9		40.2		91.9	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	38000	-242000		21		38		36		4		1.4		0.3		68.9		7.7
28#	37750	-242000	37		41		20		37		1.4		2.9		38.3		70.8	
29#	37500	-242000		29		83		26		60		1.4		9.5		49.8		114.8
30#	37250	-242000	59		80		17		47		1.9		7.2		32.5		90	
31#	37000	-242000		96		82		34		58		6.2		9.1		65.1		111
32#	36750	-242000	97		97		31		44		5.8		8.2		59.3		84.2	
33#	36500	-242000		91		101		47		32		8.2		6.2		90		61.3
34#	36250	-242000	160		90		36		36		11		6.2		68.9		68.9	
35#	36000	-242000		161		71		31		28		9.6		3.8		59.3		53.6
36#	35750	-242000	87		185		43		27		7.2		9.6		82.3		51.7	
37#	35500	-242000		65				46				5.7				88.1		
38#	35250	-242000	23		60		32		83		1.4		9.5		61.3		158.9	
39#	35000	-242000		26		61		77		86		3.8		10		147.4		164.6
40#	34750	-242000	11		29		22		94		0.5		5.2		42.1		179.9	
41#	34500	-242000		21		45		36		117		1.4		10.1		68.9		224
42#	34250	-242000	58		53		13		57		1.4		5.8		24.9		109.1	
43#	34000	-242000		87		38		23		80		3.8		5.8		44		153.1
44#	33750	-242000	145		67		19		41		5.3		5.3		36.4		78.5	
45#	33500	-242000		67		95		41		37		5.3		6.7		78.5		70.8
46#	33250	-242000	109		101		23		42		4.8		8.1		44		80.4	
47#	33000	-242000		148		82		27		58		7.6		9.1		51.7		111
48#	32750	-242000	65		122		31		39		3.9		9.1		59.3		74.7	
49#	32500	-242000		71				46				6.3				88.1		
50#	32250	-242000	31		76		56		59		3.3		8.6		107.2		112.9	
51#	32000	-242000		33		89		69		45		4.4		7.7		132.1		86.1
52#	31750	-242000	79		47		38		59		5.7		5.3		72.7		112.9	
53#	31500	-242000		51		30		39		66		3.8		3.8		74.7		126.3
54#	31250	-242000	49		36		36		48		3.4		3.3		68.9		91.9	
55#	31000	-242000		31		43		57		52		3.4		4.3		109.1		99.5
56#	30750	-242000	11		32		89		63		1.9		3.9		170.4		120.6	
57#	30500	-242000		15		28		101		63		2.9		3.4		193.3		120.6
58#	30250	-242000	27		9.3		37		108		1.9		1.9		70.8		206.7	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	30000	-242000		30		16		50		112		2.9		3.4		95.7		214.4
60#	29750	-242000	74		27		34		55		4.8		2.8		65.1		105.3	
61#	29500	-242000		27				46				2.4				88.1		
62#	29250	-242000	33		22		45		56		2.8		2.4		86.1		107.2	
63#	29000	-242000		16		16		61		108		1.9		3.3		116.8		206.7
64#	28750	-242000	60		7.9		29		126		3.3		1.9		55.5		241.2	
65#	28500	-242000		13		14		75		124		1.9		3.3		143.6		237.4
66#	28250	-242000	38		12		40		84		2.9		1.9		76.6		160.8	
67#	28000	-242000		22		11		58		94		2.4		2		111		179.9
68#	27750	-242000	25		21		51		72		2.4		2.9		97.6		137.8	
69#	27500	-242000		15		18		67		71		1.9		2.4		128.2		135.9
70#	27250	-242000	16		20		106		62		3.2		2.4		202.9		118.7	
71#	27000	-242000		7		22		106		116		1.4		4.9		202.9		222
72#	26750	-242000	14		7.8		70		224		1.9		3.3		134		428.8	
73#	26500	-242000		11				163				3.4				312		
74#	26250	-242000	8.8		7.3		85		207		1.4		2.9		162.7		396.2	
75#	26000	-242000		18		15		114		154		3.9		4.4		218.2		294.8
76#	25750	-242000	26		12		78		101		3.9		2.3		149.3		193.3	
77#	25500	-242000		26		16		77		124		3.8		3.8		147.4		237.4
78#	25250	-242000	39		25		64		108		4.8		5.2		122.5		206.7	
79#	25000	-242000		29		35		11		94		0.6		6.3		21.1		179.9
80#	24750	-242000	15		32		114		109		3.3		6.7		218.2		208.6	
81#	24500	-242000		21		32		120		133		4.8		8.1		229.7		254.6
82#	24250	-242000	55		12		50		162		5.3		3.7		95.7		310.1	
83#	24000	-242000		23		18		75		165		3.3		5.7		143.6		315.8
84#	23750	-242000	36		28		55		88		3.8		4.7		105.3		168.4	
85#	23500	-242000		23				75				3.3				143.6		
86#	23250	-242000	48		20		42		122		3.9		4.7		80.4		233.5	
87#	23000	-242000		18		18		84		128		2.9		4.4		160.8		245
88#	22750	-242000	31		15		40		102		2.4		2.9		76.6		195.2	
89#	22500	-242000		12		17		63		105		1.4		3.4		120.6		201
90#	22250	-242000	73		21		31		73		4.3		2.9		59.3		139.7	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP. N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	22000	-242000		39		17		45		58		3.4		1.9		86.1		111
92#	21750	-242000	50		24		35		41		3.3		1.9		67		78.5	
93#	21500	-242000		36		37		35		41		2.4		2.9		67		78.5
94#	21250	-242000	28		39		18		39		1		2.9		34.5		74.7	
95#	21000	-242000		20		28		25		54		1		2.9		47.9		103.4
96#	20750	-242000	36		40		14		38		1		2.9		26.8		72.7	
97#	20500	-242000		34				22				1.4				42.1		
98#	20250	-242000	100		21		10		48		1.9		1.9		19.1		91.9	
99#	20000	-242000		48		26		26		49		2.4		2.4		49.8		93.8
100#	19750	-242000	89		26		14		29		2.4		1.4		26.8		55.5	
101#	19500	-242000		50				20				1.9				38.3		
102#	19250	-242000	83		36		18		21		2.9		1.4		34.5		40.2	
103#	19000	-242000		46		70		22		25		1.9		3.3		42.1		47.9
104#	18750	-242000	88			17		28			2.9				32.5		53.6	
105#	18500	-242000		54		24		28		42		2.9		1.9		53.6		80.4
106#	18250	-242000	50		11		15		44		1.4		0.9		28.7		84.2	
107#	18000	-242000		19		10		26		145		0.9		2.8		49.8		277.6
108#	17750	-242000	83		22		21		92		3.3		3.9		40.2		176.1	
109#	17500	-242000		16				91				2.8				174.2		
110#	17250	-242000	32		7		55		72		3.4		1		105.3		137.8	
111#	17000	-242000		82		8.4		61		60		9.6		1		116.8		114.8
112#	16750	-242000	25		4.7		60		53		2.9		0.5		114.8		101.4	
113#	16500	-242000		3.7		90		68		25		0.5		4.3		130.2		47.9
114#	16250	-242000	5.9		38		128		33		1.4		2.4		245		63.2	
115#	16000	-242000		3.8		14		65		36		0.5		1		124.4		68.9
116#	15750	-242000	26		22		29		67		1.4		2.8		55.5		128.2	
117#	15500	-242000		7.6		4.1		33		182		0.5		1.4		63.2		348.4
118#	15250	-242000	14		11		18		90		0.5		1.9		34.5		172.3	
119#	15000	-242000				2.6		55		95				0.5		105.3		181.8
120#	14750	-242000	23		20		22		63		1		2.4		42.1		120.6	
121#	14500	-242000		17				29				0.9				55.5		
122#	14250	-242000	25		17		20		45		1		1.5		38.3		86.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	14000	-242000		19		7.6		40		98		1.5		1.4		76.6		187.6
124#	13750	-242000	21		2.5		36		101		1.4		0.5		68.9		193.3	
125#	13500	-242000		6.8		14		110		160		1.4		4.3		210.6		306.3
126#	13250	-242000	17		12		44		214		1.4		4.9		84.2		409.6	
127#	13000	-242000		27		17		111		145		5.7		4.7		212.5		277.6
128#	12750	-242000	22		31		69		81		2.9		4.8		132.1		155	
129#	12500	-242000		24		16		53		160		2.4		4.9		101.4		306.3
130#	12250	-242000	31		10		65		113		3.9		2.2		124.4		216.3	
131#	12000	-242000		16		27		139		112		4.3		5.8		266.1		214.4
132#	11750	-242000	9		21		166		121		2.9		4.9		317.7		231.6	
133#	11500	-242000		15				137				3.9				262.2		
134#	11250	-242000	25		14		90		177		4.3		4.7		172.3		338.8	
135#	11000	-242000		16		12		110		194		3.4		4.5		210.6		371.3
136#	10750	-242000	19		20		106		115		3.9		4.4		202.9		220.1	
137#	10500	-242000		16		17		128		135		3.9		4.4		245		258.4
138#	10250	-242000	28		14		79		156		4.2		4.2		151.2		298.6	
139#	10000	-242000		16		14		94		158		2.9		4.2		179.9		302.4
140#	9750	-242000	39		12		70		101		5.2		2.3		134		193.3	
141#	9500	-242000		24		17		84		121		3.9		3.9		160.8		231.6
142#	9250	-242000	46		20		44		111		3.9		4.2		84.2		212.5	
143#	9000	-242000		27		15		65		133		3.4		3.8		124.4		254.6
144#	8750	-242000	17		19		44		91		1.4		3.3		84.2		174.2	
145#	8500	-242000		14				71				1.9				135.9		
146#	8250	-242000	30		61		33		205		1.9		23.9		63.2		392.4	
147#	8000	-242000		7.9		3.4		127		146		1.9		1		243.1		279.5
148#	7750	-242000	24		12		52		105		2.4		2.4		99.5		201	
149#	7500	-242000		4.3		27		59		102		0.5		5.3		112.9		195.2
150#	7250	-242000	68		26		22		68		2.9		3.4		42.1		130.2	
151#	7000	-242000		73		4.8		31		105		4.3		1		59.3		201
152#	6750	-242000	30		9.8		33		53		1.9		1		63.2		101.4	
153#	6500	-242000		4		11		62		65		0.5		1.4		118.7		124.4
154#	6250	-242000	40		12		25		83		1.9		1.9		47.9		158.9	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	6000	-242000		12		11		41		67		0.9		1.4		78.5		128.2
156#	5750	-242000	33		7.4		23		34		1.5		0.5		44		65.1	
157#	5500	-242000		11				23				0.5				44		
158#	5250	-242000	33		17		23		29		1.5		0.9		44		55.5	
159#	5000	-242000		7.6		4.5		33		56		0.5		0.5		63.2		107.2
160#	4750	-242000	36		3.8		14		66		1		0.5		26.8		126.3	
161#	4500	-242000				29		30		70				3.9		57.4		134
162#	4250	-242000			39		12		45				3.4		23		86.1	
163#	4000	-242000		78		13		16		38		2.4		0.9		30.6		72.7
164#	3750	-242000	100		69		15		18		2.9		2.4		28.7		34.5	
165#	3500	-242000		29		70		17		32		0.9		4.3		32.5		61.3
166#	3250	-242000	60		32		21		31		2.4		1.9		40.2		59.3	
167#	3000	-242000		26		46		39		54		1.9		4.8		74.7		103.4
168#	2750	-242000	13		27		19		75		0.5		3.9		36.4		143.6	
169#	2500	-242000		26				39				1.9				74.7		
170#	2250	-242000	26		54		19		51		0.9		5.3		36.4		97.6	
171#	2000	-242000		93		29		27		78		4.8		4.3		51.7		149.3
172#	1750	-242000	31		27		24		46		1.4		2.4		45.9		88.1	
173#	1500	-242000		40		3		50		84		3.8		0.5		95.7		160.8
174#	1250	-242000	45		7.8		39		104		3.4		1.6		74.7		199.1	
175#	1000	-242000		7.8		19		96		104		1.4		3.8		183.8		199.1
176#	750	-242000	56		30		50		108		5.4		6.2		95.7		206.7	
177#	500	-242000		42		25		65		101		5.2		4.8		124.4		193.3
178#	250	-242000	64		27		47		65		5.8		3.4		90		124.4	
179#	0	-242000		48		32		58		79		5.3		4.8		111		151.2
180#	-250	-242000	44		30		68		76		5.7		4.4		130.2		145.5	
181#	-500	-242000		31				96				5.7				183.8		
182#	-750	-242000	18		23		114		87		3.9		3.8		218.2		166.5	
183#	-1000	-242000		24		27		92		82		4.2		4.2		176.1		157
184#	-1250	-242000	35		29		64		85		4.3		4.7		122.5		162.7	
185#	-1500	-242000		29		25		68		102		3.8		4.9		130.2		195.2
186#	-1750	-242000	46		33		54		90		4.8		5.7		103.4		172.3	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
187#	-2000	-242000		31		47		92		58		5.5		5.2		176.1		111
188#	-2250	-242000	38		44		60		57		4.4		4.8		114.8		109.1	
189#	-2500	-242000		43		41		47		67		3.9		5.3		90		128.2
190#	-2750	-242000	38		41		46		61		3.3		4.8		88.1		116.8	
191#	-3000	-242000		27		36		74		76		3.8		5.2		141.6		145.5
192#	-3250	-242000	39		21		51		94		3.8		3.8		97.6		179.9	
193#	-3500	-242000		21				70				2.8				134		
194#	-3750	-242000	67		31		26		111		3.3		6.6		49.8		212.5	
195#	-4000	-242000		42		26		48		116		3.9		5.8		91.9		222
196#	-4250	-242000	100		49		30		51		5.7		4.8		57.4		97.6	
197#	-4500	-242000		69		34		40		59		5.3		3.8		76.6		112.9
198#	-4750	-242000	61		54		41		51		4.8		5.3		78.5		97.6	
199#	-5000	-242000		27		72		64		59		3.3		8.1		122.5		112.9
200#	-5250	-242000	16		29		93		78		2.8		4.3		178		149.3	
201#	-5500	-242000		18		28		96		74		3.3		4		183.8		141.6
202#	-5750	-242000	20		14		77		90		2.9		2.4		147.4		172.3	
203#	-6000	-242000		19		16		78		127		2.8		3.9		149.3		243.1
204#	-6250	-242000	13		6.8		113		110		2.8		1.4		216.3		210.6	
205#	-6500	-242000		11				110				2.3				210.6		
206#	-6750	-242000	18		12		100		116		3.4		2.7		191.4		222	
207#	-7000	-242000		11		27		110		91		2.3		4.7		210.6		174.2
208#	-7250	-242000	31		29		73		87		4.3		4.8		139.7		166.5	
209#	-7500	-242000		23		20		64		98		2.8		3.8		122.5		187.6
210#	-7750	-242000	25		30		70		76		3.3		4.4		134		145.5	
211#	-8000	-242000		23		26		100		85		4.4		4.2		191.4		162.7
212#	-8250	-242000	21		17		83		112		3.3		3.6		158.9		214.4	
213#	-8500	-242000		22		18		103		123		4.3		4.2		197.2		235.4
214#	-8750	-242000	45		14		55		125		4.7		3.3		105.3		239.3	
215#	-9000	-242000		19		12		77		108		2.8		2.5		147.4		206.7
216#	-9250	-242000	42		36		59		70		4.7		4.8		112.9		134	
217#	-9500	-242000		45				61				5.3				116.8		
218#	-9750	-242000	32		26		63		117		3.9		5.8		120.6		224	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP. N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
219#	-10000	-242000		9.3		21		134		118		2.4		4.7		256.5		225.9
220#	-10250	-242000	14		13		128		123		3.4		3.1		245		235.4	
221#	-10500	-242000		17		12		118		188		3.8		4.3		225.9		359.9
222#	-10750	-242000	13		13		56		168		1.4		4.2		107.2		321.6	
223#	-11000	-242000		28		6.4		89		195		4.8		2.4		170.4		373.3
224#	-11250	-242000	23		25		86		109		3.8		5.2		164.6		208.6	
225#	-11500	-242000		15		16		120		123		3.4		3.8		229.7		235.4
226#	-11750	-242000	26		19		78		142		3.9		5.2		149.3		271.8	
227#	-12000	-242000		13		12		115		181		2.9		4.2		220.1		346.5
228#	-12250	-242000	25		13		100		158		4.8		3.9		191.4		302.4	
229#	-12500	-242000		14				192				5.1				367.5		
230#	-12750	-242000	15		14		149		124		4.3		3.3		285.2		237.4	
231#	-13000	-242000		11		20		130		113		2.7		4.3		248.8		216.3
232#	-13250	-242000	27		17		91		120		4.7		3.9		174.2		229.7	
233#	-13500	-242000		22		14		89		162		3.7		4.3		170.4		310.1
234#	-13750	-242000	30		18		74		124		4.2		4.3		141.6		237.4	
235#	-14000	-242000		18		13		113		154		3.9		3.8		216.3		294.8
236#	-14250	-242000	56		14		56		141		6		3.8		107.2		269.9	
237#	-14500	-242000		23		8.6		76		205		3.3		3.4		145.5		392.4
238#	-14750	-242000	26		17		48		118		2.4		3.8		91.9		225.9	
239#	-15000	-242000		20		20		89		113		3.4		4.3		170.4		216.3
240#	-15250	-242000	24		11		72		94		3.3		2		137.8		179.9	
241#	-15500	-242000		15				99				2.8				189.5		
242#	-15750	-242000	18		17		83		86		2.9		2.8		158.9		164.6	
243#	-16000	-242000		21		13		84		135		3.4		3.4		160.8		258.4
244#	-16250	-242000	27		14		64		142		3.3		3.8		122.5		271.8	
245#	-16500	-242000		3.8		11		133		153		1		3.2		254.6		292.9
246#	-16750	-242000	19		9.6		78		156		2.8		2.9		149.3		298.6	
247#	-17000	-242000		5		6.9		103		144		1		1.9		197.2		275.6
248#	-17250	-242000	16		10		79		102		2.4		2		151.2		195.2	
249#	-17500	-242000		19		10		92		101		3.3		1.9		176.1		193.3
250#	-17750	-242000	7.7		13		65		100		1		2.5		124.4		191.4	

[illegible]

	SOUTH IP 64 ALONG	REGIONA 5W TO 45 LINE ST	2460S LENGT TIONS	500 F H 6900 INCREA	EET 12 0 FEET SE WES	-74 T =-X,	ENVEL INCREA	OPE 20 SE EAS	80 T	11									
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
1#	4500	-246000				9.6				157				2.9				300.5	
2#	4250	-246000			17				75				2.4				143.6		
3#	4000	-246000		14		16		146		16		3.9		0.5		279.5		30.6	
4#	3750	-246000	16		13		92		150		2.8		3.7		176.1		287.1		
5#	3500	-246000		17		11		129		163		4.2		3.4		246.9		312	
6#	3250	-246000	18		10		56		167		1.9		3.2		107.2		319.7		
7#	3000	-246000		21		14		47		223		1.9		6		90		426.9	
8#	2750	-246000	31		15		73		82		4.3		2.4		139.7		157		
9#	2500	-246000		13		25		100		69		2.5		3.3		191.4		132.1	
10#	2250	-246000	38		19		60		79		4.4		2.9		114.8		151.2		
11#	2000	-246000		14		20		143		76		3.8		2.9		273.7		145.5	
12#	1750	-246000	16		14		96		145		2.9		3.9		183.8		277.6		
13#	1500	-246000		21		11		120		180		4.8		3.8		229.7		344.5	
14#	1250	-246000	17		12		58		167		1.9		3.8		111		319.7		
15#	1000	-246000		15		8.5		85		236		2.4		3.8		162.7		451.7	
16#	750	-246000	21		12		59		125		2.4		2.9		112.9		239.3		
17#	500	-246000		15				97				2.8				185.7			
18#	250	-246000	21		14		60		165		2.4		4.4		114.8		315.8		
19#	0	-246000		21		15		108		152		4.3		4.4		206.7		290.9	
20#	-250	-246000	26		22		88		112		4.4		4.7		168.4		214.4		
21#	-500	-246000		26		23		104		121		5.2		5.3		199.1		231.6	
22#	-750	-246000	32		22		93		126		5.7		5.3		178		241.2		
23#	-1000	-246000		25		15		128		185		6.1		5.3		245		354.1	
24#	-1250	-246000	13		16		167		208		4.2		6.4		319.7		398.1		
25#	-1500	-246000		12		22		317		127		7.3		5.3		606.8		243.1	
26#	-1750	-246000	15		21		164		175		4.7		7		313.9		335		
27#	-2000	-246000		22		24		101		176		4.3		8.1		193.3		336.9	
28#	-2250	-246000	40		22		69		103		5.3		4.3		132.1		197.2		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
29#	-2500	-246000		39				83				6.2				158.9		
30#	-2750	-246000	46		24		171		156		15.1		7.2		327.3		298.6	
31#	-3000	-246000		24		26		156		104		7.2		5.2		298.6		199.1
32#	-3250	-246000	13		38		137		114		3.4		8.3		262.2		218.2	
33#	-3500	-246000		17		16		105		200		3.4		6.1		201		382.8
34#	-3750	-246000	28		12		72		181		3.9		4.2		137.8		346.5	
35#	-4000	-246000		21		10		130		194		5.2		3.7		248.8		371.3
36#	-4250	-246000	7.1		18		105		151		1.4		5.2		201		289	
37#	-4500	-246000		15		22		153		136		4.4		5.7		292.9		260.3
38#	-4750	-246000	23		15		99		154		4.4		4.4		189.5		294.8	
39#	-5000	-246000		88		15		113		135		19		3.9		216.3		258.4
40#	-5250	-246000	11		23		114		100		2.4		4.4		218.2		191.4	
41#	-5500	-246000		16				110				3.4				210.6		
42#	-5750	-246000	19		2.7		78		186		2.8		1		149.3		356	
43#	-6000	-246000		6.8		5.4		146		185		1.9		1.9		279.5		354.1
44#	-6250	-246000	19		4.6		93		162		3.4		1.4		178		310.1	
45#	-6500	-246000		12		6.3		126		199		2.9		2.4		241.2		380.9
46#	-6750	-246000	27		8.2		74		152		3.8		2.4		141.6		290.9	
47#	-7000	-246000		16		15		110		94		3.4		2.7		210.6		179.9
48#	-7250	-246000	9.3		27		134		131		2.4		6.8		256.5		250.8	
49#	-7500	-246000		6.4		19		112		94		1.4		3.4		214.4		179.9
50#	-7750	-246000	9.8		13		102		131		1.9		3.3		195.2		250.8	
51#	-8000	-246000		12		12		124		183		2.8		4.2		237.4		350.3
52#	-8250	-246000	11		8.3		112		180		2.4		2.9		214.4		344.5	
53#	-8500	-246000		8.7				172				2.9				329.2		
54#	-8750	-246000	20		4.4		99		172		3.8		1.4		189.5		329.2	
55#	-9000	-246000		16		3.4		110		293		3.4		1.9		210.6		560.8
56#	-9250	-246000	15		3.9		97		193		2.8		1.4		185.7		369.4	
57#	-9500	-246000		65		9.7		192		257		23.9		4.8		367.5		491.9
58#	-9750	-246000	3.1		7.1		162		281		1		3.8		310.1		537.9	
59#	-10000	-246000		9		6.6		278		454		4.8		5.7		532.1		869
60#	-10250	-246000	14		5.4		166		598		4.4		6.2		317.7		1144.7	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP. N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
61#	-10500	-246000		5.8		6.9		300		325		3.3		4.3		574.2		622.1
62#	-10750	-246000	6.3		6.9		320		289		3.9		3.8		612.5		553.2	
63#	-11000	-246000		11		6.5		274		271		5.8		3.4		524.5		518.7
64#	-11250	-246000	13		6.7		172		298		4.3		3.8		329.2		570.4	
65#	-11500	-246000		11				223				4.7				426.9		
66#	-11750	-246000	27		7.7		188		227		9.7		3.3		359.9		434.5	
67#	-12000	-246000		8.7		6.6		230		341		3.8		4.3		440.3		652.7
68#	-12250	-246000	12		9.4		101		318		2.3		5.7		193.3		608.7	
69#	-12500	-246000		13		7.7		152		294		3.8		4.3		290.9		562.8
70#	-12750	-246000	24		8.8		85		256		3.9		4.3		162.7		490	
71#	-13000	-246000		12		7		165		286		3.8		3.8		315.8		547.4
72#	-13250	-246000	19		10		106		193		3.9		3.7		202.9		369.4	
73#	-13500	-246000		14		3.4		121		220		3.2		1.4		231.6		421.1
74#	-13750	-246000	13		8.7		119		143		3		2.4		227.8		273.7	
75#	-14000	-246000		9.7		14		154		140		2.9		3.8		294.8		268
76#	-14250	-246000	10		11		96		157		1.8		3.3		183.8		300.5	
77#	-14500	-246000		12				130				3				248.8		
78#	-14750	-246000	2.3		12		95		129		0.4		3		181.8		246.9	
79#	-15000	-246000		14		11		105		162		2.8		3.4		201		310.1
80#	-15250	-246000	4.2		16		60		138		0.5		4.2		114.8		264.2	
81#	-15500	-246000		7.8		11		96		161		1.4		3.4		183.8		308.2
82#	-15750	-246000	18		16		40		123		1.4		3.8		76.6		235.4	
83#	-16000	-246000		27		14		66		123		3.4		3.3		126.3		235.4
84#	-16250	-246000	21		27		26		74		1		3.8		49.8		141.6	
85#	-16500	-246000		31		10		57		97		3.4		1.9		109.1		185.7
86#	-16750	-246000	44		29		40		78		3.4		4.3		76.6		149.3	
87#	-17000	-246000		22		18		67		110		2.8		3.8		128.2		210.6
88#	-17250	-246000	38		9.1		33		110		2.4		1.9		63.2		210.6	
89#	-17500	-246000		7.1				71				1				135.9		
90#	-17750	-246000	45		18		28		85		2.4		2.9		53.6		162.7	
91#	-18000	-246000		12		9.3		41		108		0.9		1.9		78.5		206.7
92#	-18250	-246000	18		28		28		54		1		2.9		53.6		103.4	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
93#	-18500	-246000		6.1		33		41		68		0.5		4.3		78.5		130.2
94#	-18750	-246000	29		46		26		55		1.4		4.8		49.8		105.3	
95#	-19000	-246000		30		18		42		59		2.4		2		80.4		112.9
96#	-19250	-246000	31		14		24		54		1.4		1.4		45.9		103.4	
97#	-19500	-246000		28		20		36		75		1.9		2.9		68.9		143.6
98#	-19750	-246000	72		32		21		55		2.9		3.4		40.2		105.3	
99#	-20000	-246000		38		74		33		24		2.4		3.4		63.2		45.9
100#	-20250	-246000	75		17		20		58		2.9		1.9		38.3		111	
101#	-20500	-246000		38				20				1.5				38.3		
102#	-20750	-246000	24		58		63		13		2.9		1.4		120.6		24.9	
103#	-21000	-246000		18		18		42		70		1.4		2.4		80.4		134
104#	-21250	-246000	67		32		26		52		3.3		3.2		49.8		99.5	
105#	-21500	-246000		79		21		35		71		5.3		2.9		67		135.9
106#	-21750	-246000	42		27		24		56		1.9		2.9		45.9		107.2	
107#	-22000	-246000		20		20		38		88		1.5		3.4		72.7		168.4
108#	-22250	-246000	33		23		23		64		1.5		2.8		44		122.5	
109#	-22500	-246000		22		18		45		85		1.9		2.9		86.1		162.7
110#	-22750	-246000	22		24		23		62		1		2.8		44		118.7	
111#	-23000	-246000		17		30		44		50		1.4		2.9		84.2		95.7
112#	-23250	-246000	11		35		22		36		0.5		2.4		42.1		68.9	
113#	-23500	-246000		52				24				2.4				45.9		
114#	-23750	-246000	18		28		14		36		0.5		1.9		26.8		68.9	
115#	-24000	-246000		40		15		25		50		1.9		1.4		47.9		95.7
116#	-24250	-246000	44		21		17		27		1.4		1.1		32.5		51.7	
117#	-24500	-246000		21		26		35		38		1.4		1.9		67		72.7
118#	-24750	-246000	63		33		16		30		1.9		1.9		30.6		57.4	
119#	-25000	-246000		83		17		12		45		1.9		1.5		23		86.1
120#	-25250	-246000	100		53		10		19		1.9		1.9		19.1		36.4	
121#	-25500	-246000		42		53		18		26		1.4		2.6		34.5		49.8
122#	-25750	-246000	62		30		12		25		1.4		1.4		23		47.9	
123#	-26000	-246000		48		29		21		35		1.9		1.9		40.2		67
124#	-26250	-246000	107		46		7		33		1.4		2.9		13.4		63.2	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
125#	-26500	-246000		77				13				1.9				24.9		
126#	-26750	-246000	83		54		12		14		1.9		1.4		23		26.8	
127#	-27000	-246000		67		50		16		20		2.1		1.9		30.6		38.3
128#	-27250	-246000	63		44		12		23		1.4		1.9		23		44	
129#	-27500	-246000		63		42		20		30		2.4		2.4		38.3		57.4
130#	-27750	-246000	75		26		10		29		1.4		1.4		19.1		55.5	
131#	-28000	-246000		21		51		24		39		1		3.8		45.9		74.7
132#	-28250	-246000	17		47		15		32		0.5		2.9		28.7		61.3	
133#	-28500	-246000		46		36		22		35		1.9		2.4		42.1		67
134#	-28750	-246000	45		48		28		27		2.4		2.5		53.6		51.7	
135#	-29000	-246000		38		50		33		30		2.4		2.9		63.2		57.4
136#	-29250	-246000	28		38		36		33		1.9		2.4		68.9		63.2	
137#	-29500	-246000		30				42				2.4				80.4		
138#	-29750	-246000	32		37		47		48		2.9		3.4		90		91.9	
139#	-30000	-246000		22				56		67		2.4				107.2		128.2
140#	-30250	-246000	34		17		37		74		2.4		2.4		70.8		141.6	
141#	-30500	-246000		8.6		22		58		78		1		3.3		111		149.3
142#	-30750	-246000	30		29		42		69		2.4		3.8		80.4		132.1	
143#	-31000	-246000		31		15		56		98		3.3		2.8		107.2		187.6
144#	-31250	-246000	42		17		42		87		3.4		2.8		80.4		166.5	
145#	-31500	-246000		25		34		61		73		2.9		4.8		116.8		139.7
146#	-31750	-246000	22		39		56		52		2.4		3.9		107.2		99.5	
147#	-32000	-246000		38		70		53		50		3.9		6.7		101.4		95.7
148#	-32250	-246000	56		60		36		50		3.9		5.7		68.9		95.7	
149#	-32500	-246000		81				37				5.7				70.8		
150#	-32750	-246000	38		103		40		34		2.9		6.7		76.6		65.1	
151#	-33000	-246000		77		99		39		38		5.7		7.2		74.7		72.7
152#	-33250	-246000	52		72		29		45		2.9		6.2		55.5		86.1	
153#	-33500	-246000		51		57		44		53		4.3		5.8		84.2		101.4
154#	-33750	-246000	38		35		40		57		2.9		3.8		76.6		109.1	
155#	-34000	-246000		31		24		64		63		3.8		2.9		122.5		120.6
156#	-34250	-246000	65				31		80		3.9				59.3		153.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP. N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
157#	-34500	-246000		31		13		40		115		2.4		2.9		76.6		220.1
158#	-34750	-246000	102		32		22		63		4.3		3.9		42.1		120.6	
159#	-35000	-246000		46		25		38		79		3.3		3.8		72.7		151.2
160#	-35250	-246000	48		40		21		50		1.9		3.8		40.2		95.7	
161#	-35500	-246000		46				33				2.9				63.2		
162#	-35750	-246000	53		30		19		58		1.9		3.3		36.4		111	
163#	-36000	-246000		34		45		37		67		2.4		5.8		70.8		128.2
164#	-36250	-246000	28		44		27		46		1.4		3.9		51.7		88.1	
165#	-36500	-246000		45		36		39		56		3.4		3.9		74.7		107.2
166#	-36750	-246000	67		34		26		51		3.3		3.3		49.8		97.6	
167#	-37000	-246000		38		40		40		38		2.9		2.9		76.6		72.7
168#	-37250	-246000	49		31		36		32		3.4		1.9		68.9		61.3	
169#	-37500	-246000		38		26		33		39		2.4		1.9		63.2		74.7
170#	-37750	-246000	48		54		26		42		2.4		4.3		49.8		80.4	
171#	-38000	-246000		59		51		34		44		3.8		4.3		65.1		84.2
172#	-38250	-246000	26		33		29		38		1.4		2.4		55.5		72.7	
173#	-38500	-246000		47				37				3.3				70.8		
174#	-38750	-246000	103		32		17		55		3.4		3.4		32.5		105.3	
175#	-39000	-246000		67		31		30		56		3.8		3.3		57.4		107.2
176#	-39250	-246000	63		31		16		32		1.9		1.9		30.6		61.3	
177#	-39500	-246000		87		13		23		39		3.8		1		44		74.7
178#	-39750	-246000	76		33		23		30		3.3		1.9		44		57.4	
179#	-40000	-246000		66		18		19		41		2.4		1.4		36.4		78.5
180#	-40250	-246000	39		56		13		27		1		2.9		24.9		51.7	
181#	-40500	-246000		57		70		22		25		2.4		3.3		42.1		47.9
182#	-40750	-246000	42		42		12		24		1		1.9		23		45.9	
183#	-41000	-246000		101		37		15		27		2.9		1.9		28.7		51.7
184#	-41250	-246000	100		53		10		19		1.9		1.9		19.1		36.4	
185#	-41500	-246000		89				14				2.4				26.8		
186#	-41750	-246000	125		55		10		18		2.4		1.9		19.1		34.5	
187#	-42000	-246000		71				14		19		1.9				26.8		36.4
188#	-42250	-246000	125		31		8		16		1.9		0.9		15.3		30.6	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP. N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
189#	-42500	-246000		68				11				1.4				21.1		
190#	-42750	-246000	126		57		11		13		2.7		1.4		21.1		24.9	
191#	-43000	-246000		19		17		13		30		0.5		1		24.9		57.4
192#	-43250	-246000	25		19		10		26		0.5		0.9		19.1		49.8	
193#	-43500	-246000		13		19		19		27		0.5		1		36.4		51.7
194#	-43750	-246000	83		33		9		23		1.4		1.5		17.2		44	
195#	-44000	-246000		38				13				0.9				24.9		
196#	-44250	-246000	100		21		10		12		1.9		0.5		19.1		23	
197#	-44500	-246000		75				9				1.3				17.2		
198#	-44750	-246000	42		24		12		21		1		1		23		40.2	
199#	-45000	-246000		65		32		27		30		3.4		1.8		51.7		57.4
200#	-45250	-246000	89		32		14		55		2.4		3.4		26.8		105.3	
201#	-45500	-246000		42		26		36		49		2.9		2.4		68.9		93.8
202#	-45750	-246000	39		47		19		37		1.4		3.3		36.4		70.8	
203#	-46000	-246000		31				24		24		1.4				45.9		45.9
204#	-46250	-246000	38		294		20		17		1.5		9.6		38.3		32.5	
205#	-46500	-246000		170				22				7.2				42.1		
206#	-46750	-246000	107		210		21		25		4.3		10		40.2		47.9	
207#	-47000	-246000		121				31		45		7.2				59.3		86.1
208#	-47250	-246000	120		55		23		64		5.3		6.7		44		122.5	
209#	-47500	-246000		92				46				8.1				88.1		
210#	-47750	-246000	62		147		36		29		4.3		8.2		68.9		55.5	
211#	-48000	-246000		106		61		26		45		5.3		5.3		49.8		86.1
212#	-48250	-246000	45		71		39		29		3.4		3.9		74.7		55.5	
213#	-48500	-246000		33		31		60		57		3.8		3.4		114.8		109.1
214#	-48750	-246000	29		43		61		88		3.4		7.2		116.8		168.4	
215#	-49000	-246000		25		23		112		96		5.4		4.2		214.4		183.8
216#	-49250	-246000	48		22		42		128		3.9		5.4		80.4		245	
217#	-49500	-246000		54		19		46		119		4.8		4.3		88.1		227.8
218#	-49750	-246000	46		54		70		42		6.2		4.3		134		80.4	
219#	-50000	-246000		25		42		69		42		3.3		3.4		132.1		80.4
220#	-50250	-246000	20		24		75		74		2.9		3.4		143.6		141.6	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP. N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
221#	-50500	-246000		14				108				2.9				206.7		
222#	-50750	-246000	20		19		37		135		1.4		4.9		70.8		258.4	
223#	-51000	-246000		16		11		61		183		1.9		3.9		116.8		350.3
224#	-51250	-246000	20		16		25		95		1		2.9		47.9		181.8	
225#	-51500	-246000		18		18		56		97		1.9		3.3		107.2		185.7
226#	-51750	-246000	20		14		25		71		1		1.9		47.9		135.9	
227#	-52000	-246000		13		13		37		95		0.9		2.4		70.8		181.8
228#	-52250	-246000	15		18		16		57		0.5		2		30.6		109.1	
229#	-52500	-246000		5		19		50		66		0.5		2.4		95.7		126.3
230#	-52750	-246000	6.5		17		19		44		0.2		1.4		36.4		84.2	
231#	-53000	-246000		8.8		16		28		63		0.5		1.9		53.6		120.6
232#	-53250	-246000	17		5.5		15		45		0.5		0.5		28.7		86.1	
233#	-53500	-246000		19				27				1				51.7		
234#	-53750	-246000	95		46		16		27		2.9		2.4		30.6		51.7	
235#	-54000	-246000		61		30		20		33		2.3		1.9		38.3		63.2
236#	-54250	-246000	75		36		10		28		1.4		1.9		19.1		53.6	
237#	-54500	-246000		57		26		17		38		1.9		1.9		32.5		72.7
238#	-54750	-246000	21		37		12		20		0.5		1.4		23		38.3	
239#	-55000	-246000		12		27		21		37		0.5		1.9		40.2		70.8
240#	-55250	-246000	35		8		14		31		0.9		0.5		26.8		59.3	
241#	-55500	-246000		32		26		23		29		1.4		1.4		44		55.5
242#	-55750	-246000	31		44		16		23		0.9		1.9		30.6		44	
243#	-56000	-246000		13		27		19		27		0.5		1.4		36.4		51.7
244#	-56250	-246000	17		20		15		25		0.5		1		28.7		47.9	
245#	-56500	-246000		22				22				0.9				42.1		
246#	-56750	-246000	49		50		16		20		1.5		1.9		30.6		38.3	
247#	-57000	-246000		15		24		16		41		0.5		1.9		30.6		78.5
248#	-57250	-246000	23		15		11		17		0.5		0.5		21.1		32.5	
249#	-57500	-246000		25		16		10		16		0.5		0.5		19.1		30.6
250#	-57750	-246000	30		63		8.3		16		0.5		1.9		15.9			
251#	-58000	-246000																
252#	-58250	-246000	542				3.7				3.8				7.1			

[illegible]

SOUTH REGIONAL 2500S 500 FEET ??-
 IP 685W-45E LENGTH 73000 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST
 TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP	. RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	4500	-250000				13				56				1.4				107.2
2#	4250	-250000			21				48				1.9				91.9	
3#	4000	-250000		19	0	12		12		43		0.4		1		23		82.3
4#	3750	-250000	21		12		12	0	43		0.5		1		23		82.3	
5#	3500	-250000		39	0	18		26		41		1.9		1.4		49.8		78.5
6#	3250	-250000	23		19		11	0	27		0.5		1		21.1		51.7	
7#	3000	-250000		72	0	32		14		31		1.9		1.9		26.8		59.3
8#	2750	-250000	139		118		9	0	17		2.4		3.8		17.2		32.5	
9#	2500	-250000		83	0			12				1.9				23		
10#	2250	-250000	56		21		9	0	24		1		1		17.2		45.9	
11#	2000	-250000		13	0	21		19		36		0.5		1.4		36.4		68.9
12#	1750	-250000	91		16		11	0	32		1.9		1		21.1		61.3	
13#	1500	-250000		33	0	12		23		42		1.5		1		44		80.4
14#	1250	-250000	29		14		17	0	36		0.9		1		32.5		68.9	
15#	1000	-250000		16	0	17		31		45		0.9		1.5		59.3		86.1
16#	750	-250000	11		14		22	0	53		0.5		1.4		42.1		101.4	
17#	500	-250000		21	0	26		36		58		1.4		2.9		68.9		111
18#	250	-250000	9.6		24		26	0	52		0.5		2.4		49.8		99.5	
19#	0	-250000		5	7	23		44		75		0.5		3.3		84.2		143.6
20#	-250	-250000	11		14		47	0	70		1		1.9		90		134	
21#	-500	-250000		4	2			60				0.5				114.8		
22#	-750	-250000	31		15		40	0	65		2.4		1.9		76.6		124.4	
23#	-1000	-250000		9	4	5.3		53		94		1		1		101.4		179.9
24#	-1250	-250000	5.4		3.3		46	0	77		0.5		0.5		88.1		147.4	
25#	-1500	-250000		9	1	2.5		55		99		1		0.5		105.3		189.5
26#	-1750	-250000	16		2.6		46	0	97		1.4		0.5		88.1		185.7	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP N=1	. RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	-2000	-250000		19	0	12		92		106		3.3		2.4		176.1		202.9
28#	-2250	-250000	7.8		7.4		32	0	101		0.5		1.4		61.3		193.3	
29#	-2500	-250000		12	0	6.1		43		152		1		1.8		82.3		290.9
30#	-2750	-250000	32		25		31	0	70		1.9		3.3		59.3		134	
31#	-3000	-250000		17	0	18		44		68		1.4		2.3		84.2		130.2
32#	-3250	-250000	43		17		29	0	45		2.4		1.5		55.5		86.1	
33#	-3500	-250000		37	0			34				2.4				65.1		
34#	-3750	-250000	65		44		31	0	40		3.9		3.4		59.3		76.6	
35#	-4000	-250000		17	0	59		43		59		1.4		6.7		82.3		112.9
36#	-4250	-250000	14		31		71	0	30		1.9		1.8		135.9		57.4	
37#	-4500	-250000		38	0	48		60		47		4.4		4.3		114.8		90
38#	-4750	-250000	26		17		48	0	90		2.4		2.9		91.9		172.3	
39#	-5000	-250000		31	0	13		49		133		2.9		3.3		93.8		254.6
40#	-5250	-250000	58		20		30	0	101		3.3		3.9		57.4		193.3	
41#	-5500	-250000		21	0	16		75		94		3		2.9		143.6		179.9
42#	-5750	-250000	18		21		82	0	94		2.8		3.8		157		179.9	
43#	-6000	-250000		22	0	29		90		92		3.8		5.1		172.3		176.1
44#	-6250	-250000	37		16		68	0	92		4.8		2.8		130.2		176.1	
45#	-6500	-250000		20	0			74				2.8				141.6		
46#	-6750	-250000	16		23		81	0	100		2.5		4.4		155		191.4	
47#	-7000	-250000		19	0	20		131		89		4.8		3.4		250.8		170.4
48#	-7250	-250000	11		17		116	0	119		2.4		3.9		222		227.8	
49#	-7500	-250000		20	0	13		125		149		4.8		3.7		239.3		285.2
50#	-7750	-250000	31		1.6		56	0	155		3.3		0.5		107.2		296.7	
51#	-8000	-250000		13	0	8.1		88		278		2.2		4.3		168.4		532.1
52#	-8250	-250000	29		17		60	0	176		3.3		5.7		114.8		336.9	
53#	-8500	-250000		16	0	29		145		111		4.4		6.2		277.6		212.5
54#	-8750	-250000	13		38		96	0	100		2.4		7.3		183.8		191.4	
55#	-9000	-250000		51	0	30		73		109		7.1		6.3		139.7		208.6
56#	-9250	-250000			45		54	0	83				7.1		103.4		158.9	
57#	-9500	-250000		65	0			73				9.1				139.7		
58#	-9750	-250000	19		18		93	0	111		3.4		3.8		178		212.5	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP N=1	. RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	-10000	-250000		19	0	23		171		98		6.2		4.3		327.3		187.6
60#	-10250	-250000	46		11		70	0	153		6.2		3.2		134		292.9	
61#	-10500	-250000		45	0	1.8		83		273		7.1		0.9		158.9		522.6
62#	-10750	-250000	12		5.8		62	0	130		1.4		1.4		118.7		248.8	
63#	-11000	-250000		7	0	5.9		108		296		1.4		3.3		206.7		566.6
64#	-11250	-250000	21		12		85	0	150		3.4		3.4		162.7		287.1	
65#	-11500	-250000		18	0	12		136		145		4.7		3.3		260.3		277.6
66#	-11750	-250000	27		11		64	0	137		3.3		2.9		122.5		262.2	
67#	-12000	-250000		22	0	19		79		107		3.3		3.9		151.2		204.8
68#	-12250	-250000	37		22		75	0	63		5.3		2.7		143.6		120.6	
69#	-12500	-250000		39	0			77				5.7				147.4		
70#	-12750	-250000	29		21		61	0	83		3.4		3.3		116.8		158.9	
71#	-13000	-250000		26	0	19		77		125		3.8		4.5		147.4		239.3
72#	-13250	-250000	22		4.3		46	0	122		1.9		1		88.1		233.5	
73#	-13500	-250000		17	0	10		86		149		2.8		2.9		164.6		285.2
74#	-13750	-250000	21		17		48	0	89		1.9		2.9		91.9		170.4	
75#	-14000	-250000		42	0	16		48		91		3.9		2.8		91.9		174.2
76#	-14250	-250000	32		54		39	0	51		2.4		5.3		74.7		97.6	
77#	-14500	-250000		34	0	30		37		67		2.4		3.8		70.8		128.2
78#	-14750	-250000	8.3		15		30	0	51		0.5		1.5		57.4		97.6	
79#	-15000	-250000		60	0	16		46		80		5.3		2.5		88.1		153.1
80#	-15250	-250000	57		22		22	0	81		2.4		3.4		42.1		155	
81#	-15500	-250000		10	0			49				0.9				93.8		
82#	-15750	-250000	33		13		23	0	58		1.5		1.4		44		111	
83#	-16000	-250000		14	0	17		35		86		0.9		2.8		67		164.6
84#	-16250	-250000	8.6		40		29	0	56		0.5		4.3		55.5		107.2	
85#	-16500	-250000		24	0	5.1		52		98		2.4		1		99.5		187.6
86#	-16750	-250000	41		14		37	0	87		2.9		2.3		70.8		166.5	
87#	-17000	-250000		14	0	16		74		91		2		2.8		141.6		174.2
88#	-17250	-250000	28		19		45	0	91		2.4		3.3		86.1		174.2	
89#	-17500	-250000		25	0	10		61		122		2.9		2.3		116.8		233.5
90#	-17750	-250000	18		11		69	0	91		2.4		1.9		132.1		174.2	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP	. RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	-18000	-250000		6	5	8.4		116		119		1.4		1.9		222		227.8
92#	-18250	-250000	22		7.6		69	0	165		2.9		2.4		132.1		315.8	
93#	-18500	-250000		13	0			112				2.8				214.4		
94#	-18750	-250000	14		17		71	0	106		1.9		3.4		135.9		202.9	
95#	-19000	-250000		12	0	14		88		106		2		2.8		168.4		202.9
96#	-19250	-250000	36		14		48	0	88		3.3		2.4		91.9		168.4	
97#	-19500	-250000		11	0	20		67		98		1.4		3.8		128.2		187.6
98#	-19750	-250000	41		59		37	0	85		2.9		9.6		70.8		162.7	
99#	-20000	-250000		8	5	13		59		115		1		2.9		112.9		220.1
100#	-20250	-250000	38		17		26	0	89		1.9		2.9		49.8		170.4	
101#	-20500	-250000		21	0	3.2		48		158		1.9		1		91.9		302.4
102#	-20750	-250000	26		11		39	0	93		1.9		2		74.7		178	
103#	-21000	-250000		9	2	19		82		93		1.4		3.4		157		178
104#	-21250	-250000	46		12		44	0	87		3.9		2		84.2		166.5	
105#	-21500	-250000		13	0			59				1.5				112.9		
106#	-21750	-250000	44		29		34	0	43		2.9		2.4		65.1		82.3	
107#	-22000	-250000		55	0	24		32		62		3.4		2.8		61.3		118.7
108#	-22250	-250000	11		18		23	0	56		0.5		1.9		44		107.2	
109#	-22500	-250000		15	0	33		51		61		1.5		3.9		97.6		116.8
110#	-22750	-250000	30		18		25	0	82		1.4		2.8		47.9		157	
111#	-23000	-250000		40	0	21		50		84		3.8		3.4		95.7		160.8
112#	-23250	-250000	75		22		20	0	56		2.9		2.4		38.3		107.2	
113#	-23500	-250000		48	0	13		26		56		2.4		1.4		49.8		107.2
114#	-23750	-250000	50		37		14	0	27		1.3		1.9		26.8		51.7	
115#	-24000	-250000		117	0	45		17		39		3.8		3.4		32.5		74.7
116#	-24250	-250000	114		28		11	0	27		2.4		1.4		21.1		51.7	
117#	-24500	-250000		83	0			21				3.3				40.2		
118#	-24750	-250000	100		88		10	0	20		1.9		3.4		19.1		38.3	
119#	-25000	-250000		27	0	83		28		24		1.4		3.8		53.6		45.9
120#	-25250	-250000	114		100		6	6	15		1.4		2.9		12.6		28.7	
121#	-25500	-250000		68	0	65		11		23		1.4		2.9		21.1		44
122#	-25750	-250000	74		83		6	8	18		1		2.9		13		34.5	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP N=1	. RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	-26000	-250000		33	0	73		15		24		0.9		3.4		28.7		45.9
124#	-26250	-250000	110		25		6	8	20		1.4		1		13		38.3	
125#	-26500	-250000		62	0	38		12		33		1.4		2.4		23		63.2
126#	-26750	-250000	37		23		6	8	22		0.5		1		13		42.1	
127#	-27000	-250000		78	0	100		16		17		2.4		3.3		30.6		32.5
128#	-27250	-250000	72		100		14	0	15		1.9		2.9		26.8		28.7	
129#	-27500	-250000		133	0			15				3.8				28.7		
130#	-27750	-250000	150		202		10	0	9.9		2.9		3.8		19.1		19	
131#	-28000	-250000		158	0	147		7.9		17		2.4		4.8		15.1		32.5
132#	-28250	-250000	322		100		7	0	15		4.3		2.9		13.4		28.7	
133#	-28500	-250000		94	0			16		15		2.9				30.6		28.7
134#	-28750	-250000	137		74		9	1	17		2.4		2.4		17.4		32.5	
135#	-29000	-250000		104	0	92		9.6		19		1.9		3.3		18.4		36.4
136#	-29250	-250000	101		208		7	4	12		1.4		4.8		14.2		23	
137#	-29500	-250000		115	0	117		8.7		15		1.9		3.4		16.7		28.7
138#	-29750	-250000	80		104		9	4	12		1.4		2.4		18		23	
139#	-30000	-250000		83	0	172		15		16		2.4		5.3		28.7		30.6
140#	-30250	-250000	25		42		9	5	24		0.5		1.9		18.2		45.9	
141#	-30500	-250000		38	0			13				0.9				24.9		
142#	-30750	-250000	25		118		10	0	17		0.5		3.8		19.1		32.5	
143#	-31000	-250000		62	0			12		13		1.4				23		24.9
144#	-31250	-250000	240		128		7	3	9.8		3.4		2.4		14		18.8	
145#	-31500	-250000		68	0			7.4		12		1				14.2		23
146#	-31750	-250000	43		150		5	8	10		0.5		2.9		11.1		19.1	
147#	-32000	-250000		115	0	45		8.7		22		1.9		1.9		16.7		42.1
148#	-32250	-250000	63		63		6	0	20		0.7		2.4		11.5		38.3	
149#	-32500	-250000		63	0	130		16		27		1.9		6.7		30.6		51.7
150#	-32750	-250000	133		30		7	5	23		1.9		1.3		14.4		44	
151#	-33000	-250000		104	0			12		15		2.4				23		28.7
152#	-33250	-250000	175				10	0	8.6		3.3				19.1		16.5	
153#	-33500	-250000		230	0			7.5				3.3				14.4		
154#	-33750	-250000	150		250		10	0	10		2.9		4.8		19.1		19.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP N=1	. RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	-34000	-250000		67	0			15		15		1.9				28.7		28.7
156#	-34250	-250000	83		58		12	0	26		1.9		2.9		23		49.8	
157#	-34500	-250000		54	0	96		23		34		2.4		6.2		44		65.1
158#	-34750	-250000	100		23		10	0	33		1.9		1.5		19.1		63.2	
159#	-35000	-250000		16	0	35		16		50		0.5		3.3		30.6		95.7
160#	-35250	-250000	23		20		11	0	25		0.5		1		21.1		47.9	
161#	-35500	-250000		37	0	62		20		24		1.4		2.8		38.3		45.9
162#	-35750	-250000	19		75		13	0	20		0.5		2.9		24.9		38.3	
163#	-36000	-250000		15	0	80		17		28		0.5		4.3		32.5		53.6
164#	-36250	-250000	42		29		12	0	21		1		1.2		23		40.2	
165#	-36500	-250000		38	0			20				1.5				38.3		
166#	-36750	-250000	50		48		15	0	31		1.4		2.8		28.7		59.3	
167#	-37000	-250000		29	0	67		26		41		1.4		5.3		49.8		78.5
168#	-37250	-250000	15		41		17	0	37		0.5		2.9		32.5		70.8	
169#	-37500	-250000		68	0	20		22		38		2.9		1.5		42.1		72.7
170#	-37750	-250000	37		45		27	0	22		1.9		1.9		51.7		42.1	
171#	-38000	-250000		19	0	81		39		37		1.4		5.7		74.7		70.8
172#	-38250	-250000	26		41		29	0	37		1.4		2.9		55.5		70.8	
173#	-38500	-250000		29	0	92		34		30		1.9		5.3		65.1		57.4
174#	-38750	-250000	18		71		28	0	28		1		3.8		53.6		53.6	
175#	-39000	-250000		43	0	44		23		40		1.9		3.4		44		76.6
176#	-39250	-250000	36		43		14	0	35		1		2.9		26.8		67	
177#	-39500	-250000		45	0			22				1.9				42.1		
178#	-39750	-250000	31		70		24	0	25		1.4		3.3		45.9		47.9	
179#	-40000	-250000		22	0	176		34		27		1.4		9.1		65.1		51.7
180#	-40250	-250000	36		31		14	0	41		1		2.4		26.8		78.5	
181#	-40500	-250000		63	0			20		41		2.4				38.3		78.5
182#	-40750	-250000	36		77		14	0	26		1		3.8		26.8		49.8	
183#	-41000	-250000		22	0			23		29		1				44		55.5
184#	-41250	-250000	21				12	0	22		0.5				23		42.1	
185#	-41500	-250000		167	0			12		30		3.8				23		57.4
186#	-41750	-250000	125				10	0	19		2.4				19.1		36.4	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP N=1	. RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
187#	-42000	-250000		33	0			15		22		0.9				28.7		42.1
188#	-42250	-250000	77				13	0	18		1.9				24.9		34.5	
189#	-42500	-250000		15	0			17				0.5				32.5		
190#	-42750	-250000	36				14	0	14		1				26.8		26.8	
191#	-43000	-250000		143	0			14		28		3.8				26.8		53.6
192#	-43250	-250000	114				11	0	24		2.4				21.1		45.9	
193#	-43500	-250000		75	0	38		19		46		2.7		3.3		36.4		88.1
194#	-43750	-250000	89		51		14	0	44		2.4		4.3		26.8		84.2	
195#	-44000	-250000		49	0			36		23		3.4				68.9		44
196#	-44250	-250000	21		57		24	0	22		1		2.4		45.9		42.1	
197#	-44500	-250000		125	0			18		20		4.3				34.5		38.3
198#	-44750	-250000	59				34	0	14		3.8				65.1		26.8	
199#	-45000	-250000		93	0			35		11		6.2				67		21.1
200#	-45250	-250000	130		107		25	0	35		6.2		7.2		47.9		67	
201#	-45500	-250000						36								68.9		
202#	-44750	-250000	208		83		18	0	48		7.2		7.6		34.5		91.9	
203#	-46000	-250000		134	0			28		77		7.2				53.6		147.4
204#	-46250	-250000	87		87		23	0	49		3.8		8.2		44		93.8	
205#	-46500	-250000		68	0			44		44		5.7				84.2		84.2
206#	-46750	-250000	24		34		42	0	44		1.9		2.9		80.4		84.2	
207#	-47000	-250000		25	0	42		50		42		2.4		3.4		95.7		80.4
208#	-47250	-250000	32		19		55	0	53		3.4		1.9		105.3		101.4	
209#	-47500	-250000		16	0	20		64		50		2		1.9		122.5		95.7
210#	-47750	-250000	22		20		68	0	63		2.9		2.4		130.2		120.6	
211#	-48000	-250000		13	0			79		59		2				151.2		112.9
212#	-48250	-250000	17		17		43	0	74		1.4		2.4		82.3		141.6	
213#	-48500	-250000		21	0			48				1.9				91.9		
214#	-48750	-250000	9		54		28	0	42		0.5		4.3		53.6		80.4	
215#	-49000	-250000		45	0	37		28		60		2.4		4.2		53.6		114.8
216#	-49250	-250000	71		42		14	0	42		1.9		3.4		26.8		80.4	
217#	-49500	-250000		42	0	38		24		46		1.9		3.3		45.9		88.1
218#	-49750	-250000	89		45		14	0	28		2.4		2.4		26.8		53.6	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP N=1	. RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
219#	-50000	-250000		28	0	145		18		31		1		8.6		34.5		59.3
220#	-50250	-250000	21		8.6		12	0	29		0.5		0.5		23		55.5	
221#	-50500	-250000		26	0	38		19		40		0.9		2.9		36.4		76.6
222#	-50750	-250000	33		54		15	0	28		0.9		2.9		28.7		53.6	
223#	-51000	-250000		29	0	68		26		22		1.4		2.9		49.8		42.1
224#	-51250	-250000	16		10		16	0	25		0.5		0.5		30.6		47.9	
225#	-51500	-250000		50	0			15				1.4				28.7		
226#	-51750	-250000			34		15	0	22				1.4		28.7		42.1	
227#	-52000	-250000		25	0			20		22		1				38.3		42.1
228#	-52250	-250000			10		14	0	24				0.5		26.8		45.9	
229#	-52500	-250000		53	0	33		19		38		1.9		2.4		36.4		72.7
230#	-52750	-250000	26		30		9	7	34		0.5		2		18.6		65.1	
231#	-53000	-250000		29	0	12		17		42		0.9		1		32.5		80.4
232#	-53250	-250000	100		21		10	0	24		1.9		1		19.1		45.9	
233#	-53500	-250000		59	0	65		17		27		1.9		3.4		32.5		51.7
234#	-53750	-250000	21		118		12	0	19		0.5		4.3		23		36.4	
235#	-54000	-250000		54	0			14		20		1.4				26.8		38.3
236#	-54250	-250000	21		150		12	0	15		0.5		4.3		23		28.7	
237#	-54500	-250000		36	0			14				1				26.8		
238#	-54750	-250000	75		26		10	0	19		1.4		0.9		19.1		36.4	
239#	-55000	-250000		72	0	43		14		29		1.9		2.4		26.8		55.5
240#	-55250	-250000	23		33		11	0	23		0.5		1.5		21.1		44	
241#	-55500	-250000		88	0	88		17		20		2.9		3.4		32.5		38.3
242#	-55750	-250000	25		94		10	0	16		0.5		2.9		19.1		30.6	
243#	-56000	-250000		23	0			11		11		0.5				21.1		21.1
244#	-56250	-250000	65		173		7	2	13		0.9		4.3		13.8		24.9	
245#	-56500	-250000		25	0			10		9		0.5				19.1		17.2
246#	-56750	-250000	21		292		12	0	7.7		0.5		4.3		23		14.7	
247#	-57000	-250000		25	0			10		14		0.5				19.1		26.8
248#	-57250	-250000	57		38		8	8	20		1		1.5		16.8		38.3	
249#	-57500	-250000		17	0			15				0.5				28.7		
250#	-57750	-250000	25		7.8		10	0	64		0.5		1		19.1		122.5	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP N=1	. RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
251#	-58000	-250000		4	7	3.4		53		74		0.5		0.5		101.4		141.6
252#	-58250	-250000			3.6		18	0	70				0.5		34.5		134	
253#	-58500	-250000				26		30		39				1.9		57.4		74.7
254#	-58750	-250000	6.3		29		40	0	17		0.5		0.9		76.6		32.5	
255#	-59000	-250000		45	0	74		28		17		2.4		2.4		53.6		32.5
256#	-59250	-250000	18		31		56	0	24		1.9		1.4		107.2		45.9	
257#	-59500	-250000		4	2	50		59		30		0.5		2.9		112.9		57.4
258#	-59750	-250000	30		5.9		33	0	85		1.9		1		63.2		162.7	
259#	-60000	-250000		13	0	16		59		78		1.5		2.4		112.9		149.3
260#	-60250	-250000	9.3		15		27	0	67		0.5		1.9		51.7		128.2	
261#	-60500	-250000		13	0			38				0.9				72.7		
262#	-60750	-250000	91		26		11	0	48		1.9		2.4		21.1		91.9	
263#	-61000	-250000		14	0	14		18		109		0.5		2.9		34.5		208.6
264#	-61250	-250000	31		28		16	0	45		0.9		2.4		30.6		86.1	
265#	-61500	-250000		16	0	58		48		26		1.5		2.9		91.9		49.8
266#	-61750	-250000	26		38		19	0	26		0.9		1.9		36.4		49.8	
267#	-62000	-250000		63	0	14		16		35		1.9		0.9		30.6		67
268#	-62250	-250000	14		22		16	0	23		0.4		1		30.6		44	
269#	-62500	-250000		38	0	6.1		26		41		1.9		0.5		49.8		78.5
270#	-62750	-250000	27		5		28	0	50		1.4		0.5		53.6		95.7	
271#	-63000	-250000		14	0	3.5		69		71		1.8		0.5		132.1		135.9
272#	-63250	-250000	48		6.2		21	0	112		1.9		1.3		40.2		214.4	
273#	-63500	-250000		29	0			43				2.4				82.3		
274#	-63750	-250000	32		11		31	0	67		1.9		1.4		59.3		128.2	
275#	-64000	-250000		17	0	11		59		68		1.9		1.4		112.9		130.2
276#	-64250	-250000	18		19		42	0	66		1.4		2.4		80.4		126.3	
277#	-64500	-250000		4	4	25		57		81		0.5		3.9		109.1		155
278#	-64750	-250000	48		20		42	0	77		3.9		2.9		80.4		147.4	
279#	-65000	-250000		11	0	18		67		85		1.4		2.9		128.2		162.7
280#	-65250	-250000	20		35		64	0	78		2.5		5.2		122.5		149.3	
281#	-65500	-250000		14	0	30		92		59		2.5		3.4		176.1		112.9
282#	-65750	-250000	23		15		76	0	68		3.3		2		145.5		130.2	

[illegible]

SOUTH REGIONAL 2540S 500 FEET 19-10-63

IP 682.5W- 20.W LENGTH 70250 FEET

GEOCHEMISTRY NIL

ALONG LINE STATIONS INCREASE WEST =-X,

TRAVERSES INCREASE SOUTH = -Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	-2000	-254000				2.7				183				0.9				350.3
2#	-2250	-254000			2.7				183				0.9				350.3	
3#	-2500	-254000		3.4		3.1		221		160		1.4		0.9		423		306.3
4#	-2750	-254000	2.3		3.5		107		217		0.5		1.5		204.8		415.4	
5#	-3000	-254000		5.9		1.2		126		214		1.4		0.5		241.2		409.6
6#	-3250	-254000	2.9		7.9		173		126		1		1.9		331.1		241.2	
7#	-3500	-254000		2.7		7.9		184		227		1		3.4		352.2		434.5
8#	-3750	-254000	11		2.7		115		365		2.4		1.9		220.1		698.7	
9#	-4000	-254000		4.9				207				1.9				396.2		
10#	-4250	-254000	5.5		2.5		137		200		1.4		1		262.2		382.8	
11#	-4500	-254000		7.6		5.3		98		328		1.4		3.3		187.6		627.8
12#	-4750	-254000	6.6		10		75		172		0.9		3.3		143.6		329.2	
13#	-5000	-254000		8.9		8.3		141		210		2.4		3.3		269.9		402
14#	-5250	-254000	7.8		9.9		161		177		2.4		3.4		308.2		338.8	
15#	-5500	-254000		9.3		6.2		216		200		3.8		2.4		413.5		382.8
16#	-5750	-254000	28		7.6		81		262		4.3		3.8		155		501.5	
17#	-6000	-254000		16		5.8		109		260		3.3		2.9		208.6		497.7
18#	-6250	-254000	20		14		99		128		3.8		3.4		189.5		245	
19#	-6500	-254000		17				135				4.4				258.4		
20#	-6750	-254000	14		11		128		204		3.4		4.3		245		390.5	
21#	-7000	-254000		8.8		9.6		227		233		3.8		4.3		434.5		446
22#	-7250	-254000	10		7.9		216		283		4.1		4.3		413.5		541.7	
23#	-7500	-254000		5.1		7.8		294		318		2.9		4.7		562.8		608.7
24#	-7750	-254000	15		7.2		154		313		4.4		4.3		294.8		599.1	
25#	-8000	-254000		7.8		8.5		224		378		3.3		6.2		428.8		723.5
26#	-8250	-254000	9.7		10		181		267		3.4		5.1		346.5		511.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	-8500	-254000		14		7.2		217		276		5.8		3.8		415.4		528.3
28#	-8750	-254000	20		10		140		263		5.4		5		268		503.4	
29#	-9000	-254000		12		12		214		247		4.9		5.7		409.6		472.8
30#	-9250	-254000	11		12		230		232		4.8		5.3		440.3		444.1	
31#	-9500	-254000		9.3		12		272				4.8		12		520.6		
32#	-9750	-254000	14		9.6		198		287		5.3		5.3		379		549.4	
33#	-10000	-254000		8.8		7.1		256		354		4.3		4.8		490		677.6
34#	-10250	-254000	11		7.5		134		334		2.8		4.8		256.5		639.3	
35#	-10500	-254000		8.4		6.6		208		377		3.3		4.8		398.1		721.6
36#	-10750	-254000	9.9		7		177		286		3.4		3.8		338.8		547.4	
37#	-11000	-254000		5.7		11		306		236		3.3		5		585.7		451.7
38#	-11250	-254000	6.8		8.5		185		263		2.4		4.3		354.1		503.4	
39#	-11500	-254000		6.5		24		191		105		2.4		4.8		365.6		201
40#	-11750	-254000	8.4		27		149		84		2.4		4.3		285.2		160.8	
41#	-12000	-254000		19		17		79		102		2.9		3.3		151.2		195.2
42#	-12250	-254000	43		16		40		52		3.3		1.6		76.6		99.5	
43#	-12500	-254000		4.8				210				1.9				402		
44#	-12750	-254000	35		13		21		115		1.4		2.9		40.2		220.1	
45#	-13000	-254000		19		8.3		66		210		2.4		3.3		126.3		402
46#	-13250	-254000	54		9.3		19		135		2		2.4		36.4		258.4	
47#	-13500	-254000		24		11		42		172		1.9		3.6		80.4		329.2
48#	-13750	-254000	11		23		70		54		1.5		2.4		134		103.4	
49#	-14000	-254000		12		41		86		49		2		3.8		164.6		93.8
50#	-14250	-254000	19		25		52		79		1.9		3.8		99.5		151.2	
51#	-14500	-254000		16		22		61		80		1.9		3.4		116.8		153.1
52#	-14750	-254000	31		29		65		70		3.9		3.9		124.4		134	
53#	-15000	-254000		8.9		31		85		48		1.4		2.8		162.7		91.9
54#	-15250	-254000	20		29		88		61		3.4		3.4		168.4		116.8	
55#	-15500	-254000		18				71				2.4				135.9		
56#	-15750	-254000	17		15		74		85		2.4		2.4		141.6		162.7	
57#	-16000	-254000		15		14		98		89		2.8		2.4		187.6		170.4
58#	-16250	-254000	39		16		45		79		3.4		2.4		86.1		151.2	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	-16500	-254000		31		4.4		49		172		2.9		1.4		93.8		329.2
60#	-16750	-254000	33		13		46		99		2.9		2.5		88.1		189.5	
61#	-17000	-254000		23		9.2		44		109		1.9		1.9		84.2		208.6
62#	-17250	-254000	17		18		29		56		0.9		1.9		55.5		107.2	
63#	-17500	-254000		18		29		43		61		1.5		3.4		82.3		116.8
64#	-17750	-254000	35		16		28		63		1.9		1.9		53.6		120.6	
65#	-18000	-254000		25		32		49		54		2.3		3.3		93.8		103.4
66#	-18250	-254000	72		16		28		46		3.9		1.4		53.6		88.1	
67#	-18500	-254000		22				35				1.5				67		
68#	-18750	-254000	110		18		18		57		3.8		2		34.5		109.1	
69#	-19000	-254000		40		13		37		95		2.8		2.4		70.8		181.8
70#	-19250	-254000	41		27		31		66		2.4		3.4		59.3		126.3	
71#	-19500	-254000		13		20		60		51		1.5		2		114.8		97.6
72#	-19750	-254000	39		31		32		49		2.4		2.9		61.3		93.8	
73#	-20000	-254000		37		16		27		79		1.9		2.4		51.7		151.2
74#	-20250	-254000	100		22		20		46		3.8		1.9		38.3		88.1	
75#	-20500	-254000		50		23		40		67		3.8		2.9		76.6		128.2
76#	-20750	-254000	38		29		39		61		2.8		3.4		74.7		116.8	
77#	-21000	-254000		26		18		67		55		3.3		1.9		128.2		105.3
78#	-21250	-254000	50		7.6		30		65		2.9		0.9		57.4		124.4	
79#	-21500	-254000		13				38				0.9				72.7		
80#	-21750	-254000	66		22		34		79		4.3		3.3		65.1		151.2	
81#	-22000	-254000		8.9		17		84		79		1.4		2.6		160.8		151.2
82#	-22250	-254000	6.6		13		76		75		1		1.9		145.5		143.6	
83#	-22500	-254000		12		11		76		115		1.7		2.4		145.5		220.1
84#	-22750	-254000	43		6.5		35		115		2.9		1.4		67		220.1	
85#	-23000	-254000		19		8.1		66		124		2.4		1.9		126.3		237.4
86#	-23250	-254000	13		10		59		74		1.5		1.4		112.9		141.6	
87#	-23500	-254000		21		12		78		83		3.1		1.9		149.3		158.9
88#	-23750	-254000	17		5.3		45		94		1.5		1		86.1		179.9	
89#	-24000	-254000		15		14		66		87		1.9		2.3		126.3		166.5
90#	-24250	-254000	7.7		11		65		68		1		1.4		124.4		130.2	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	-24500	-254000		24				63				2.9				120.6		
92#	-24750	-254000	25		15		40		65		1.9		1.9		76.6		124.4	
93#	-25000	-254000		41		11		43		92		3.4		1.9		82.3		176.1
94#	-25250	-254000	31		23		40		65		2.4		2.9		76.6		124.4	
95#	-25500	-254000		13		20		57		64		1.4		2.5		109.1		122.5
96#	-25750	-254000	16		29		31		61		0.9		3.4		59.3		116.8	
97#	-26000	-254000		13		14		39		89		1		2.4		74.7		170.4
98#	-26250	-254000	50		13		20		60		1.9		1.5		38.3		114.8	
99#	-26500	-254000		43		37		35		67		2.9		4.7		67		128.2
100#	-26750	-254000	31		30		24		41		1.4		2.4		45.9		78.5	
101#	-27000	-254000		68		30		33		33		4.3		1.9		63.2		63.2
102#	-27250	-254000	91		63		22		28		3.8		3.4		42.1		53.6	
103#	-27500	-254000		54				23				2.4				44		
104#	-27750	-254000	63		45		28		28		3.4		2.4		53.6		53.6	
105#	-28000	-254000		23		54		87		23		3.8		2.4		166.5		44
106#	-28250	-254000	17		52		28		34		0.9		3.4		53.6		65.1	
107#	-28500	-254000		65		56		31		40		3.9		4.3		59.3		76.6
108#	-28750	-254000	27		51		20		39		1		3.8		38.3		74.7	
109#	-29000	-254000		45		51		33		39		2.8		3.8		63.2		74.7
110#	-29250	-254000	2.3		56		22		36		0.1		3.9		42.1		68.9	
111#	-29500	-254000		38		9.3		33		54		2.4		1		63.2		103.4
112#	-29750	-254000	3.6		22		14		57		0.1		2.4		26.8		109.1	
113#	-30000	-254000		4.3		31		23		48		0.2		2.8		44		91.9
114#	-30250	-254000	2.8		50		18		30		0.1		2.9		34.5		57.4	
115#	-30500	-254000		54				23				2.4				44		
116#	-30750	-254000	67		54		15		28		1.9		2.9		28.7		53.6	
117#	-31000	-254000		56		34		18		22		1.9		1.4		34.5		42.1
118#	-31250	-254000	53		50		19		20		1.9		1.9		36.4		38.3	
119#	-31500	-254000		44		13		17		19		1.4		0.5		32.5		36.4
120#	-31750	-254000	35		48		21		21		1.4		1.9		40.2		40.2	
121#	-32000	-254000		78		40		16		25		2.4		1.9		30.6		47.9
122#	-32250	-254000	37		40		20		19		1.4		1.5		38.3		36.4	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	-32500	-254000		24		58		21		26		1		2.9		40.2		49.8
124#	-32750	-254000	26		9.3		19		27		0.9		0.5		36.4		51.7	
125#	-33000	-254000		29		39		26		32		1.4		2.4		49.8		61.3
126#	-33250	-254000	33		37		15		27		0.9		1.9		28.7		51.7	
127#	-33500	-254000		40				19				1.5				36.4		
128#	-33750	-254000	29		12		17		21		0.9		0.5		32.5		40.2	
129#	-34000	-254000		28		40		18		25		1		1.9		34.5		47.9
130#	-34250	-254000	50		36		20		21		1.9		1.4		38.3		40.2	
131#	-34500	-254000		21		38		24		26		1		1.9		45.9		49.8
132#	-34750	-254000	12		63		20		28		0.5		3.4		38.3		53.6	
133#	-35000	-254000		46		43		27		29		2.4		2.4		51.7		55.5
134#	-35250	-254000	50		9.3		20		27		1.9		0.5		38.3		51.7	
135#	-35500	-254000		48		28		21		45		1.9		2.4		40.2		86.1
136#	-35750	-254000	29		23		17		33		0.9		1.5		32.5		63.2	
137#	-36000	-254000		9.3		17		27		45		0.5		1.5		51.7		86.1
138#	-36250	-254000	21		36		24		35		1		2.4		45.9		67	
139#	-36500	-254000		17				30				1				57.4		
140#	-36750	-254000	30		27		25		37		1.4		1.9		47.9		70.8	
141#	-37000	-254000		9.3		20		27		63		0.5		2.4		51.7		120.6
142#	-37250	-254000	22		26		23		40		1		2		44		76.6	
143#	-37500	-254000		5.7		30		44		50		0.5		2.9		84.2		95.7
144#	-37750	-254000	18		19		27		52		0.9		1.9		51.7		99.5	
145#	-38000	-254000		36		16		35		61		2.4		1.9		67		116.8
146#	-38250	-254000	31		34		41		44		2.4		2.9		78.5		84.2	
147#	-38500	-254000		34		16		37		46		2.4		1.4		70.8		88.1
148#	-38750	-254000	20		13		37		39		1.4		1		70.8		74.7	
149#	-39000	-254000		18		31		41		40		1.4		2.4		78.5		76.6
150#	-39250	-254000	11		18		45		42		0.9		1.4		86.1		80.4	
151#	-39500	-254000		43				35				2.9				67		
152#	-39750	-254000	12		30		42		34		1		2		80.4		65.1	
153#	-40000	-254000		13		21		40		35		1		1.4		76.6		67
154#	-40250	-254000	39		19		32		39		2.4		1.4		61.3		74.7	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	-40500	-254000		22		14		34		55		1.4		1.5		65.1		105.3
156#	-40750	-254000	16		24		31		42		0.9		1.9		59.3		80.4	
157#	-41000	-254000		14		25		36		60		1		2.9		68.9		114.8
158#	-41250	-254000	19		26		27		48		1		2.4		51.7		91.9	
159#	-41500	-254000		15		15		33		51		0.9		1.5		63.2		97.6
160#	-41750	-254000	20		6.8		25		37		1		0.5		47.9		70.8	
161#	-42000	-254000		16		38		32		36		1		2.6		61.3		68.9
162#	-42250	-254000	6.3		39		40		32		0.5		2.4		76.6		61.3	
163#	-42500	-254000		31				40				2.4				76.6		
164#	-42750	-254000	12		58		43		26		1		2.9		82.3		49.8	
165#	-43000	-254000		27		95		46		21		2.4		3.8		88.1		40.2
166#	-43250	-254000	28		22		27		102		1.4		4.3		51.7		195.2	
167#	-43500	-254000		60		63		21		20		2.4		2.4		40.2		38.3
168#	-43750	-254000	20		97		13		18		0.5		3.3		24.9		34.5	
169#	-44000	-254000		103		52		17		24		3.4		2.4		32.5		45.9
170#	-44250	-254000	36		55		14		23		1		2.4		26.8		44	
171#	-44500	-254000		14		17		18		29		0.5		0.9		34.5		55.5
172#	-44750	-254000	31		24		16		21		0.9		1		30.6		40.2	
173#	-45000	-254000		45		96		22		21		1.9		3.9		42.1		40.2
174#	-45250	-254000	17		21		15		24		0.5		1		28.7		45.9	
175#	-45500	-254000		13				20				0.5				38.3		
176#	-45750	-254000	50		30		15		25		1.4		1.4		28.7		47.9	
177#	-46000	-254000		11		18		23		28		0.5		1		44		53.6
178#	-46250	-254000	18		18		14		28		0.5		1		26.8		53.6	
179#	-46500	-254000		11		41		22		31		0.5		2.4		42.1		59.3
180#	-46750	-254000	75		86		10		25		1.4		4.1		19.1		47.9	
181#	-47000	-254000		64		70		16		29		2		3.9		30.6		55.5
182#	-47250	-254000	55		39		9.1		20		1		1.5		17.4		38.3	
183#	-47500	-254000		56		30		14		25		1.5		1.4		26.8		47.9
184#	-47750	-254000	59		83		8.5		18		1		2.9		16.3		34.5	
185#	-48000	-254000		58		77		13		26		1.4		3.8		24.9		49.8
186#	-48250	-254000	87		64		8.6		20		1.4		2.5		16.5		38.3	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
187#	-48500	-254000		88				14				2.4				26.8		
188#	-48750	-254000	51		71		9.7	18			0.9		2.4		18.6		34.5	
189#	-49000	-254000		38		59		13	17			0.9		1.9		24.9		32.5
190#	-49250	-254000	75		73		10	14			1.4		2		19.1		26.8	
191#	-49500	-254000		42		58		12	13			1		1.4		23		24.9
192#	-49750	-254000	50		38		9.9	13			0.9		0.9		19		24.9	
193#	-50000	-254000		153				9.8	23			2.9				18.8		44
194#	-50250	-254000	78		27		6.4	19			1		1		12.3		36.4	
195#	-50500	-254000		54		6		14	84			1.4		1		26.8		160.8
196#	-50750	-254000	32		53		7.8	28			0.5		2.8		14.9		53.6	
197#	-51000	-254000		62		16		16	61			1.9		1.9		30.6		116.8
198#	-51250	-254000	28		20		9	20			0.5		0.8		17.2		38.3	
199#	-51500	-254000		34				22				1.4				42.1		
200#	-51750	-254000	11		54		23	28			0.5		2.9		44		53.6	
201#	-52000	-254000		22		146		38	12			1.6		3.4		72.7		23
202#	-52250	-254000	27		99		38	18			2		3.4		72.7		34.5	
203#	-52500	-254000		63		71		22	14			2.7		1.9		42.1		26.8
204#	-52750	-254000	63		14		28	18			3.4		0.5		53.6		34.5	
205#	-53000	-254000		30		22		25	23			1.4		1		47.9		44
206#	-53250	-254000	17		37		15	34			0.5		2.4		28.7		65.1	
207#	-53500	-254000		24		22		21	46			1		1.9		40.2		88.1
208#	-53750	-254000	41		35		6.1	30			0.5		2		11.7		57.4	
209#	-54000	-254000		25		19		10	41			0.5		1.5		19.1		78.5
210#	-54250	-254000	41		33		6.1	15			0.5		0.9		11.7		28.7	
211#	-54500	-254000		25				10				0.5				19.1		
212#	-54750	-254000	39		37		6.5	20			0.5		1.4		12.4		38.3	
213#	-55000	-254000		30		27		17	37			1		1.9		32.5		70.8
214#	-55250	-254000	25		26		10	29			0.5		1.4		19.1		55.5	
215#	-55500	-254000		34		38		22	23			1.4		1.7		42.1		44
216#	-55750	-254000	18		28		14	18			0.5		1		26.8		34.5	
217#	-56000	-254000		38		80		13	14			0.9		2.1		24.9		26.8
218#	-56250	-254000	48		26		21	9.4			1.9		0.5		40.2		18	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
219#	-56500	-254000		46		75		16		10		1.4		1.4		30.6		19.1
220#	-56750	-254000	25		46		20		17		1		1.5		38.3		32.5	
221#	-57000	-254000		43		31		20		24		1.6		1.4		38.3		45.9
222#	-57250	-254000	29		6.6		17		38		0.9		0.5		32.5		72.7	
223#	-57500	-254000		16				32				1				61.3		
224#	-57750	-254000	17		13		15		40		0.5		1		28.7		76.6	
225#	-58000	-254000		26		14		19		13		0.9		0.3		36.4		24.9
226#	-58250	-254000	19		19		13		26		0.5		0.9		24.9		49.8	
227#	-58500	-254000		25		13		20		33		1		0.8		38.3		63.2
228#	-58750	-254000	41		17		19		29		1.5		0.9		36.4		55.5	
229#	-59000	-254000		7.6		13		33		20		0.5		0.5		63.2		38.3
230#	-59250	-254000	30		9.7		23		26		1.3		0.5		44		49.8	
231#	-59500	-254000		33		14		23		35		1.5		0.9		44		67
232#	-59750	-254000	13		16		20		31		0.5		0.9		38.3		59.3	
233#	-60000	-254000		9.3		7.9		27		63		0.5		1		51.7		120.6
234#	-60250	-254000	21		4.5		24		56		1		0.5		45.9		107.2	
235#	-60500	-254000		4.2				60				0.5				114.8		
236#	-60750	-254000	6.3		7.4		40		68		0.5		1		76.6		130.2	
237#	-61000	-254000		5.2		10		48		75		0.5		1.4		91.9		143.6
238#	-61250	-254000	7.3		24		69		42		1		1.9		132.1		80.4	
239#	-61500	-254000		7.3		24		55		46		0.8		2.1		105.3		88.1
240#	-61750	-254000	20		80		25		49		1		7.5		47.9		93.8	
241#	-62000	-254000		12		27		82		64		1.9		3.3		157		122.5
242#	-62250	-254000	19		19		79		108		2.9		3.9		151.2		206.7	
243#	-62500	-254000		11		7.4		116		102		2.4		1.4		222		195.2
244#	-62750	-254000	15		14		99		111		2.8		3		189.5		212.5	
245#	-63000	-254000		18		6.6		106		152		3.7		1.9		202.9		290.9
246#	-63250	-254000	7.5		17		100		150		1.4		4.9		191.4		287.1	
247#	-63500	-254000		14				162				4.3				310.1		
248#	-63750	-254000	6.4		18		117		112		1.4		3.9		224		214.4	
249#	-64000	-254000		11		9		140		140		2.9		2.4		268		268
250#	-64250	-254000	13		12		96		125		2.4		2.9		183.8		239.3	

[illegible]

SOUTH REGIONAL 2580S 500 FEET ??-
 IP 485W-25W LENGTH 46000 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST
 TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	-2500	-258000				13				150				3.7				287.1
2#	-2750	-258000			8.4				179				2.9				342.6	
3#	-3000	-258000		1.7		5.4		143		370		0.5		3.8		273.7		708.2
4#	-3250	-258000	8.5		3.4		88		292		1.4		1.9		168.4		558.9	
5#	-3500	-258000		6.6		6.9		228		290		2.9		3.8		436.4		555.1
6#	-3750	-258000	13		3		99		254		2.5		1.5		189.5		486.2	
7#	-4000	-258000		10		9.2		150		218		2.9		3.8		287.1		417.3
8#	-4250	-258000	8		5.4		125		139		1.9		1.4		239.3		266.1	
9#	-4500	-258000		10				122				2.3				233.5		
10#	-4750	-258000	10		7.8		193		193		3.7		2.9		369.4		369.4	
11#	-5000	-258000		6.1		6.8		286		222		3.3		2.9		547.4		424.9
12#	-5250	-258000	8.8		8		170		314		2.9		4.8		325.4		601	
13#	-5500	-258000		7.8		3		224		335		3.3		1.9		428.8		641.2
14#	-5750	-258000	8.8		4.1		172		246		2.9		1.9		329.2		470.9	
15#	-6000	-258000		7.2		8.1		207		154		2.9		2.4		396.2		294.8
16#	-6250	-258000	5.1		6		197		125		1.9		1.4		377.1		239.3	
17#	-6500	-258000		18		9		119		167		4.1		2.9		227.8		319.7
18#	-6750	-258000	11		9.9		112		126		2.4		2.4		214.4		241.2	
19#	-7000	-258000		14		6		123		332		3.3		3.8		235.4		635.5
20#	-7250	-258000	26		47		78		318		3.9		28.6		149.3		608.7	
21#	-7500	-258000		7.5				233				3.3				446		
22#	-7750	-258000	19		7.5		90		233		3.3		3.3		172.3		446	
23#	-8000	-258000		13		36		113		42		2.8		2.9		216.3		80.4
24#	-8250	-258000	23		87		117		23		5.2		3.8		224		44	
25#	-8500	-258000		77		12		26		105		3.8		2.4		49.8		201
26#	-8750	-258000	14		21		53		107		1.4		4.3		101.4		204.8	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	-9000	-258000		8.5		17		177		131		2.9		4.3		338.8		250.8
28#	-9250	-258000	26		6.4		77		234		3.8		2.9		147.4		447.9	
29#	-9500	-258000		7		4.9		107		309		1.4		2.9		204.8		591.5
30#	-9750	-258000	50		9.8		30		153		2.9		2.9		57.4		292.9	
31#	-10000	-258000		36		19		49		130		3.4		4.7		93.8		248.8
32#	-10250	-258000	11		38		161		46		3.4		3.3		308.2		88.1	
33#	-10500	-258000		8				189				2.9				361.8		
34#	-10750	-258000	17		12		116		143		3.8		3.3		222		273.7	
35#	-11000	-258000		8.8		14		114		142		1.9		3.8		218.2		271.8
36#	-11250	-258000	24		15		72		118		3.3		3.4		137.8		225.9	
37#	-11500	-258000		21		20		85		176		3.4		6.7		162.7		336.9
38#	-11750	-258000	28		24		45		135		2.4		6.2		86.1		258.4	
39#	-12000	-258000		40		11		75		228		5.7		4.8		143.6		436.4
40#	-12250	-258000	75		13		30		140		4.3		3.5		57.4		268	
41#	-12500	-258000		27		31		65		90		3.4		5.3		124.4		172.3
42#	-12750	-258000	46		45		49		45		4.3		3.9		93.8		86.1	
43#	-13000	-258000		54		37		37		61		3.8		4.3		70.8		116.8
44#	-13250	-258000	63		44		32		51		3.9		4.3		61.3		97.6	
45#	-13500	-258000		35				50				3.3				95.7		
46#	-13750	-258000	44		33		46		75		3.9		4.7		88.1		143.6	
47#	-14000	-258000		27		29		74		69		3.8		3.8		141.6		132.1
48#	-14250	-258000	28		27		53		74		2.8		3.8		101.4		141.6	
49#	-14500	-258000		33		9.5		53		79		3.3		1.4		101.4		151.2
50#	-14750	-258000	37		17		41		60		2.9		2		78.5		114.8	
51#	-15000	-258000		17		16		69		64		2.2		2		132.1		122.5
52#	-15250	-258000	33		10		38		73		2.4		1.4		72.7		139.7	
53#	-15500	-258000		13		25		59		40		1.5		1.9		112.9		76.6
54#	-15750	-258000	36		21		28		36		1.9		1.4		53.6		68.9	
55#	-16000	-258000		36		23		21		32		1.4		1.4		40.2		61.3
56#	-16250	-258000	54		50		14		20		1.4		1.9		26.8		38.3	
57#	-16500	-258000		71				14				1.9				26.8		
58#	-16750	-258000	75		58		10		26		1.4		2.9		19.1		49.8	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	-17000	-258000		71		37		21		41		2.9		2.9		40.2		78.5
60#	-17250	-258000	134		42		9.3		35		2.4		2.8		17.8		67	
61#	-17500	-258000		53		21		10		73		1		2.9		19.1		139.7
62#	-17750	-258000	18		25		14		40		0.5		1.9		26.8		76.6	
63#	-18000	-258000		23		28		32		63		1.4		3.4		61.3		120.6
64#	-18250	-258000	30		22		42		56		2.4		2.4		80.4		107.2	
65#	-18500	-258000		16		96		18				0.6		96		34.5		
66#	-18750	-258000	13		29		136		34		3.4		1.9		260.3		65.1	
67#	-19000	-258000		16				51		77		1.6				97.6		147.4
68#	-19250	-258000	15		12		100		101		2.9		2.3		191.4		193.3	
69#	-19500	-258000		9.5				212				3.9				405.8		
70#	-19750	-258000	9		8.8		196		171		3.4		2.9		375.2		327.3	
71#	-20000	-258000		12		5.5		188		191		4.3		2		359.9		365.6
72#	-20250	-258000	33		5.4		69		231		4.4		2.4		132.1		442.2	
73#	-20500	-258000		21		18		96		82		3.9		2.8		183.8		157
74#	-20750	-258000	21		18		94		110		3.8		3.8		179.9		210.6	
75#	-21000	-258000		17		24		150		74		4.9		3.4		287.1		141.6
76#	-21250	-258000	22		12		67		122		2.8		2.8		128.2		233.5	
77#	-21500	-258000		7.7		33		65		74		1		4.7		124.4		141.6
78#	-21750	-258000	21		34		70		51		2.8		3.3		134		97.6	
79#	-22000	-258000		17		19		69		107		2.2		3.9		132.1		204.8
80#	-22250	-258000	139		13		18		130		4.8		3.2		34.5		248.8	
81#	-22500	-258000		39				51				3.8				97.6		
82#	-22750	-258000	166		24		15		62		4.8		2.8		28.7		118.7	
83#	-23000	-258000		72		20		21		88		2.9		3.4		40.2		168.4
84#	-23250	-258000	100		87		15		26		2.9		4.3		28.7		49.8	
85#	-23500	-258000		88		62		17		44		2.9		5.2		32.5		84.2
86#	-23750	-258000	58		47		26		32		2.9		2.9		49.8		61.3	
87#	-24000	-258000		29		29		52		60		2.9		3.3		99.5		114.8
88#	-24250	-258000	71		26		28		104		3.8		5.2		53.6		199.1	
89#	-24500	-258000		31		35		72		71		4.3		4.8		137.8		135.9
90#	-24750	-258000	53		57		47		44		4.8		4.8		90		84.2	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	-25000	-258000		59		50		34		35		3.8		3.3		65.1		67
92#	-25250	-258000	61		80		41		28		4.8		4.3		78.5		53.6	
93#	-25500	-258000		47				43				3.9				82.3		
94#	-25750	-258000	94		37		24		54		4.3		3.8		45.9		103.4	
95#	-26000	-258000		70		38		43		66		5.8		4.8		82.3		126.3
96#	-26250	-258000	143		38		14		68		3.8		4.9		26.8		130.2	
97#	-26500	-258000		71		32		28		87		3.8		5.3		53.6		166.5
98#	-26750	-258000	125		47		10		43		2.4		3.9		19.1		82.3	
99#	-27000	-258000		125		34		20		52		4.8		3.4		38.3		99.5
100#	-27250	-258000	104		45		12		28		2.4		2.4		23		53.6	
101#	-27500	-258000		37		74		20		27		1.4		3.8		38.3		51.7
102#	-27750	-258000	65		88		19		20		2.4		3.4		36.4		38.3	
103#	-28000	-258000		53		40		19		25		1.9		1.9		36.4		47.9
104#	-28250	-258000	88		65		17		23		2.9		2.9		32.5		44	
105#	-28500	-258000		83				15				2.4				28.7		
106#	-28750	-258000	88		40		17		25		2.9		1.9		32.5		47.9	
107#	-29000	-258000		23		63		22		28		1		3.4		42.1		53.6
108#	-29250	-258000	134		18		13		28		3.3		1		24.9		53.6	
109#	-29500	-258000		51		64		20		35		2		4.3		38.3		67
110#	-29750	-258000	23		77		15		26		0.7		3.8		28.7		49.8	
111#	-30000	-258000		95		115		21		26		3.8		5.7		40.2		49.8
112#	-30250	-258000	109		141		15		23		3.1		6.2		28.7		44	
113#	-30500	-258000		103		83		17		25		3.4		4		32.5		47.9
114#	-30750	-258000	94		105		16		19		2.9		3.8		30.6		36.4	
115#	-31000	-258000		109		73		15		24		3.1		3.4		28.7		45.9
116#	-31250	-258000	103		71		17		21		3.4		2.9		32.5		40.2	
117#	-31500	-258000		43				23				1.9				44		
118#	-31750	-258000	70		98		18		23		2.4		4.3		34.5		44	
119#	-32000	-258000		70		125		19		16		2.5		3.8		36.4		30.6
120#	-32250	-258000	39		107		18		14		1.3		2.9		34.5		26.8	
121#	-32500	-258000		89		17		14		15		2.4		0.5		26.8		28.7
122#	-32750	-258000	36		67		14		15		1		1.9		26.8		28.7	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP. N=1	. RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
123#	-33000	-258000		83		11		15		23		2.4		0.5		28.7		44
124#	-33250	-258000	51		50		9.9		25		1		2.4		19		47.9	
125#	-33500	-258000		47		10		16		50		1.4		1		30.6		95.7
126#	-33750	-258000	99		14		7.6		36		1.4		1		14.5		68.9	
127#	-34000	-258000		53		28		19		54		1.9		2.9		36.4		103.4
128#	-34250	-258000	125		40		12		31		2.9		2.4		23		59.3	
129#	-34500	-258000		50				25				2.4				47.9		
130#	-34750	-258000	90		35		19		64		3.3		4.3		36.4		122.5	
131#	-35000	-258000		35		58		64		43		4.3		4.8		122.5		82.3
132#	-35250	-258000	43		46		64		49		5.3		4.3		122.5		93.8	
133#	-35500	-258000		26		45		43		56		2.1		4.8		82.3		107.2
134#	-35750	-258000	53		24		47		72		4.8		3.3		90		137.8	
135#	-36000	-258000		21		45		70		67		2.8		5.8		134		128.2
136#	-36250	-258000	35		38		64		72		4.3		5.2		122.5		137.8	
137#	-36500	-258000		37		30		81		75		5.7		4.3		155		143.6
138#	-36750	-258000	57		30		35		93		3.8		5.3		67		178	
139#	-37000	-258000		40		41		44		74		3.4		5.8		84.2		141.6
140#	-37250	-258000	90		54		22		37		3.8		3.8		42.1		70.8	
141#	-37500	-258000		68				22				2.9				42.1		
142#	-37750	-258000	83		54		12		28		1.9		2.9		23		53.6	
143#	-38000	-258000		78		43		16		41		2.4		3.4		30.6		78.5
144#	-38250	-258000	150		60		10		25		2.9		2.9		19.1		47.9	
145#	-38500	-258000		118		146		17		12		3.8		3.4		32.5		23
146#	-38750	-258000	358		85		7		8.8		4.8		1.4		13.4		16.8	
147#	-39000	-258000		132		96		3.8		13		1		2.4		7.3		24.9
148#	-39250	-258000	250		119		3		6.3		1.4		1.4		5.7		12.1	
149#	-39500	-258000		52		200		4.2		7.5		0.4		2.9		8		14.4
150#	-39750	-258000	156		246		3.2		6.1		1		2.9		6.1		11.7	
151#	-40000	-258000		261		58		4.8		13		2.4		1.4		9.2		24.9
152#	-40250	-258000	483		136		3.1		11		2.9		2.9		5.9		21.1	
153#	-40500	-258000		107				7				1.4				13.4		
154#	-40750	-258000	89		20		56		37		9.5		1.4		107.2		70.8	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP	. RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
155#	-41000	-258000		71		79		35		41		4.8		6.2		67		78.5
156#	-41250	-258000	88		35		17		42		2.9		2.8		32.5		80.4	
157#	-41500	-258000		60		52		25		24		2.9		2.4		47.9		45.9
158#	-41750	-258000	98		203		28		16		5.3		6.2		53.6		30.6	
159#	-42000	-258000		109		286		23		7		4.8		3.8		44		13.4
160#	-42250	-258000	98		327		33		13		6.2		8.1		63.2		24.9	
161#	-42500	-258000		196		291		23		86		8.6		47.9		44		164.6
162#	-42750	-258000	297		300		16		20		9.1		11.5		30.6		38.3	
163#	-43000	-258000		281				16		13		8.6				30.6		24.9
164#	-43250	-258000	12		577		12		13		0.3		14.4		23		24.9	
165#	-43500	-258000		289				13				7.2				24.9		
166#	-43750	-258000	214		185		7		27		2.9		9.6		13.4		51.7	
167#	-44000	-258000		109		104		16		41		3.3		8.2		30.6		78.5
168#	-44250	-258000	130		102		9.6		27		2.4		5.3		18.4		51.7	
169#	-44500	-258000		83		47		18		37		2.9		3.3		34.5		70.8
170#	-44750	-258000	29		28		17		27		0.9		1.4		32.5		51.7	
171#	-45000	-258000		31		30		32		42		1.9		2.4		61.3		80.4
172#	-45250	-258000	22		22		46		57		1.9		2.4		88.1		109.1	
173#	-45500	-258000		6		14		84		54		1		1.4		160.8		103.4
174#	-45750	-258000	16		11		61		89		1.9		1.9		116.8		170.4	
175#	-46000	-258000		9.3		21		81		59		1.4		2.4		155		112.9
176#	-46250	-258000	26		36		68		56		3.4		3.9		130.2		107.2	
177#	-46500	-258000		18				56				1.9				107.2		
178#	-46750	-258000	27		22		55		46		2.8		1.9		105.3		88.1	
179#	-47000	-258000		31		24		55		52		3.3		2.4		105.3		99.5
180#	-47250	-258000	21		21		24		70		1		2.8		45.9		134	
181#	-47500	-258000		26		27		38		103		1.9		5.3		72.7		197.2
182#	-47750	-258000	26		32		19		63		0.9		3.9		36.4		120.6	
183#	-48000	-258000		46		34		38		118		3.3		7.7		72.7		225.9
184#	-48250	-258000			32				78				4.8				149.3	
185#	-48500	-258000				26				96				4.8				183.8
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

SOUTH REGIONAL 2660S 500 FEET ??-??-??

IP 482.5W-155W LENGTH 32750 FEET

GEOCHEMISTRY nil

ALONG LINE STATIONS INCREASE WEST =-X,

TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP.	RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	-15500	-266000								52								99.5
2#	-15750	-266000			84				36				5.8				68.9	
3#	-16000	-266000		77				26		27		3.8				49.8		51.7
4#	-16250	-266000	110		125		16		20		3.4		4.8		30.6		38.3	
5#	-16500	-266000		172		115		16		26		5.3		5.7		30.6		49.8
6#	-16750	-266000	192		83		13		21		4.8		3.3		24.9		40.2	
7#	-17000	-266000		118		292		17		12		3.8		6.7		32.5		23
8#	-17250	-266000	112		370		20		9.5		4.3		6.7		38.3		18.2	
9#	-17500	-266000		154				13		17		3.8				24.9		32.5
10#	-17750	-266000	122		184		82		19		19.1		6.7		157		36.4	
11#	-18000	-266000		135				13		24		3.4				24.9		45.9
12#	-18250	-266000	136		147		11		17		2.9		4.8		21.1		32.5	
13#	-18500	-266000		125		100		18		20		4.3		3.8		34.5		38.3
14#	-18750	-266000	133		81		7.5		21		1.9		3.3		14.4		40.2	
15#	-19000	-266000		177		57		9.9		22		3.4		2.4		19		42.1
16#	-19250	-266000	91		68		11		11		1.9		1.4		21.1		21.1	
17#	-19500	-266000		104				12				2.4				23		
18#	-19750	-266000	121		100		8.3		10		1.9		1.9		15.9		19.1	
19#	-20000	-266000		73				6.9		10		1				13.2		19.1
20#	-20250	-266000	41				6.1		7.9		0.5				11.7		15.1	
21#	-20500	-266000		312				3.2				1.9				6.1		
22#	-20750	-266000	320		42		3.9		6		2.4		0.5		7.5		11.5	
23#	-21000	-266000		384				3.9		7.4		2.9				7.5		14.2
24#	-21250	-266000	307				2.4		5.1		1.4				4.6		9.8	
25#	-21500	-266000		74				3.4		8		0.5				6.5		15.3
26#	-21750	-266000	84		67		6		7.5		1		1		11.5		14.4	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP.	RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	-22000	-266000		375				4		65		2.9				7.7		124.4
28#	-22250	-266000	331				3.8		4.8		2.4				7.3		9.2	
29#	-22500	-266000		161				3.1				1				5.9		
30#	-22750	-266000	790				2.2		5.9		3.3				4.2		11.3	
31#	-23000	-266000		307				4.9		10		2.9				9.4		19.1
32#	-23250	-266000	865		75		2.6		10		4.3		1.4		5		19.1	
33#	-23500	-266000		240				6.3				2.9				12.1		
34#	-23750	-266000	248		77		4		13		1.9		1.9		7.7		24.9	
35#	-24000	-266000		134				7.5		8		1.9				14.4		15.3
36#	-24250	-266000	34		142		8		7		0.5		1.9		15.3		13.4	
37#	-24500	-266000		174				8.6		5.2		2.9				16.5		10
38#	-24750	-266000	134		75		7.5		6.7		1.9		1		14.4		12.8	
39#	-25000	-266000		177				7.1		9.7		2.4				13.6		18.6
40#	-25250	-266000	361		240		4.2		11		2.9		5.1		8		21.1	
41#	-25500	-266000		171				7.3				2.4				14		
42#	-25750	-266000	442		29		3.4		17		2.9		0.9		6.5		32.5	
43#	-26000	-266000		118	48			8.5		48		1.9		4.4		16.3		91.9
44#	-26250	-266000	145		71		5.2		21		1.4		2.9		10		40.2	
45#	-26500	-266000		91	63			17		28		3		3.4		32.5		53.6
46#	-26750	-266000	72		132		17		17		2.3		4.3		32.5		32.5	
47#	-27000	-266000		145	174			19		15		5.3		5		36.4		28.7
48#	-27250	-266000	75		44		20		17		2.9		1.4		38.3		32.5	
49#	-27500	-266000		87	67			20		15		3.3		1.9		38.3		28.7
50#	-27750	-266000	47		144		37		19		3.3		5.2		70.8		36.4	
51#	-28000	-266000		53	63			33		36		3.3		4.3		63.2		68.9
52#	-28250	-266000	63		23		32		64		3.9		2.8		61.3		122.5	
53#	-28500	-266000		24				73				3.4				139.7		
54#	-28750	-266000	61		28		33		44		3.9		2.4		63.2		84.2	
55#	-29000	-266000		32	35			32		43		2		2.9		61.3		82.3
56#	-29250	-266000	95		68		21		68		3.8		8.9		40.2		130.2	
57#	-29500	-266000		45	43			22		52		1.9		4.3		42.1		99.5
58#	-29750	-266000	70		41		25		43		3.3		3.4		47.9		82.3	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP. N=1	RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	-30000	-266000		34		24		59		73		3.8		3.4		112.9		139.7
60#	-30250	-266000	218		16		16		95		6.7		2.9		30.6		181.8	
61#	-30500	-266000		71		29		35		78		4.8		4.3		67		149.3
62#	-30750	-266000	97		81		18		31		3.3		4.8		34.5		59.3	
63#	-31000	-266000				58		20		43				4.8		38.3		82.3
64#	-31250	-266000	70		63		25		32		3.3		3.9		47.9		61.3	
65#	-31500	-266000		27				46				2.4				88.1		
66#	-31750	-266000	38		44		39		34		2.8		2.9		74.7		65.1	
67#	-32000	-266000		31		32		40		85		2.4		5.2		76.6		162.7
68#	-32250	-266000	83		17		15		102		2.4		3.3		28.7		195.2	
69#	-32500	-266000		14		5.1		37		248		1		2.4		70.8		474.7
70#	-32750	-266000	97		15		18		103		3.3		3		34.5		197.2	
71#	-33000	-266000		7.7		21		65		59		1		2.4		124.4		112.9
72#	-33250	-266000	35		26		36		39		2.4		1.9		68.9		74.7	
73#	-33500	-266000		55		20		23		49		2.4		1.9		44		93.8
74#	-33750	-266000	19		34		39		29		1.4		1.9		74.7		55.5	
75#	-34000	-266000		15		38		66		39		1.9		2.8		126.3		74.7
76#	-34250	-266000	13		2.5		56		99		1.4		0.5		107.2		189.5	
77#	-34500	-266000		14				108				2.9				206.7		
78#	-34750	-266000	13		4.3		39		115		1		0.9		74.7		220.1	
79#	-35000	-266000		15		4.6		48		108		1.4		1		91.9		206.7
80#	-35250	-266000	35		5.2		29		48		1.9		0.5		55.5		91.9	
81#	-35500	-266000		43		22		35		69		2.9		2.9		67		132.1
82#	-35750	-266000	45		25				50		45		2.4				95.7	
83#	-36000	-266000		9.6		18		52		71		1		2.4		99.5		135.9
84#	-36250	-266000	84		18		24		69		3.9		2.4		45.9		132.1	
85#	-36500	-266000		19		18		39		84		1.4		2.9		74.7		160.8
86#	-36750	-266000	70		19		18		52		2.4		1.9		34.5		99.5	
87#	-37000	-266000		8.3		20		30		61		0.5		2.3		57.4		116.8
88#	-37250	-266000	44		27		23		37		1.9		1.9		44		70.8	
89#	-37500	-266000		23				33				1.5				63.2		
90#	-37750	-266000	43		5.6		29		45		2.4		0.5		55.5		86.1	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP.	RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91#	-38000	-266000		38		15		46		85		3.3		2.4		88.1		162.7
92#	-38250	-266000	35		13		29		93		1.9		2.3		55.5		178	
93#	-38500	-266000		7.4		10		68		146		1		2.8		130.2		279.5
94#	-38750	-266000	13		19		40		119		1		4.3		76.6		227.8	
95#	-39000	-266000		17		16		90		158		2.9		4.8		172.3		302.4
96#	-39250	-266000	25		13		60		135		2.9		3.4		114.8		258.4	
97#	-39500	-266000		20		18		110		126		4.2		4.3		210.6		241.2
98#	-39750	-266000	22		16		92		108		3.9		3.3		176.1		206.7	
99#	-40000	-266000		19		9.9		103		228		3.7		4.3		197.2		436.4
100#	-40250	-266000	24		13		72		246		3.3		6.1		137.8		470.9	
101#	-40500	-266000		12				24				0.6				45.9		
102#	-40750	-266000	11		18		187		261		3.9		9		357.9		499.6	
103#	-41000	-266000		16		29		258		188		7.9		10.4		493.8		359.9
104#	-41250	-266000	26		27		117		204		5.8		10.5		224		390.5	
105#	-41500	-266000		34		69		125		73		8.1		9.6		239.3		139.7
106#	-41750	-266000	53		96		103		49		10.4		9		197.2		93.8	
107#	-42000	-266000		123		192		45		37		10.6		13.6		86.1		70.8
108#	-42250	-266000	233		204		28		38		12.5		14.8		53.6		72.7	
109#	-42500	-266000		352		158		23		43		15.5		13		44		82.3
110#	-42750	-266000	284		248		21		28		11.4		13.3		40.2		53.6	
111#	-43000	-266000		179		195		28		37		9.6		13.8		53.6		70.8
112#	-43250	-266000	141		122		34		41		9.2		9.6		65.1		78.5	
113#	-43500	-266000		115				39				8.6				74.7		
114#	-43750	-266000	165		258		33		24		10.4		11.9		63.2		45.9	
115#	-44000	-266000		316				24		9.1		14.5				45.9		17.4
116#	-44250	-266000	257		675		18		10		8.9		12.9		34.5		19.1	
117#	-44500	-266000		593		304		9.3		19		10.6		11.1		17.8		36.4
118#	-44750	-266000	415		330		11		19		8.7		12		21.1		36.4	
119#	-45000	-266000		232		384		26		15		11.5		11		49.8		28.7
120#	-45250	-266000	52		218		62		23		6.2		9.6		118.7		44	
121#	-45500	-266000				214		61		21				8.6		116.8		40.2
122#	-45750	-266000	18		66		126		57		4.3		7.2		241.2		109.1	

[illegible]

SOUTH REGIONAL 2700S 500 FEET ??-
 IP 485W-265W LENGTH 22000 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST
 TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP. N=1	RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	-26500	-270000				68				37				4.8				70.8
2#	-26750	-270000			60				46				5.3				88.1	
3#	-27000	-270000		64		25		39		61		4.8		2.9		74.7		116.8
4#	-27250	-270000	106		28		26		56		5.3		3		49.8		107.2	
5#	-27500	-270000		25		25		49		59		2.3		2.8		93.8		112.9
6#	-27750	-270000	39		22		26		57		1.9		2.4		49.8		109.1	
7#	-28000	-270000		19		20		49		49		1.8		1.9		93.8		93.8
8#	-28250	-270000	47		33		16		38		1.4		2.4		30.6		72.7	
9#	-28500	-270000		50				20				1.9				38.3		
10#	-28750	-270000	71		28		14		36		1.9		1.9		26.8		68.9	
11#	-29000	-270000		52		27		29		37		2.9		1.9		55.5		70.8
12#	-29250	-270000	70		23		18		32		2.4		1.4		34.5		61.3	
13#	-29500	-270000		60		22		23		35		2.6		1.5		44		67
14#	-29750	-270000	91		28		11		27		1.9		1.4		21.1		51.7	
15#	-30000	-270000		60		24		17		42		2		1.9		32.5		80.4
16#	-30250	-270000	40		59		19		26		1.5		2.9		36.4		49.8	
17#	-30500	-270000		38		50		32		40		2.3		3.8		61.3		76.6
18#	-30750	-270000	40		23		19		54		1.5		2.4		36.4		103.4	
19#	-31000	-270000		20		17		37		88		1.4		2.9		70.8		168.4
20#	-31250	-270000	46		14		22		69		1.9		1.8		42.1		132.1	
21#	-31500	-270000		20				51				2				97.6		
22#	-31750	-270000	22		18		45		83		1.9		2.9		86.1		158.9	
23#	-32000	-270000		16		17		95		60		2.9		2		181.8		114.8
24#	-32250	-270000	15		14		84		74		2.4		2		160.8		141.6	
25#	-32500	-270000		21		11		71		89		2.9		1.9		135.9		170.4
26#	-32750	-270000	12		11		81		88		1.9		1.9		155		168.4	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	METAL N=2	FACTOR N=3	N=4	APP. N=1	RESIS N=2	T OHM. N=3	FT N=4	F N=1	REQ. E N=2	FFECT N=3	N=4	APP. N=1	RESI N=2	ST OHM N=3	.M N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27#	-33000	-270000		17		5		90		200		2.9		1.9		172.3		382.8
28#	-33250	-270000	10		33		98		225		1.9		14.2		187.6		430.7	
29#	-33500	-270000		4.1		5.9		308		169		2.4		1.9		589.6		323.5
30#	-33750	-270000	8.7		4.6		115		272		1.9		2.4		220.1		520.6	
31#	-34000	-270000		7.8		8.1		128		154		1.9		2.4		245		294.8
32#	-34250	-270000	6.6		12		76		80		1		1.8		145.5		153.1	
33#	-34500	-270000		17				60				2				114.8		
34#	-34750	-270000	9.7		14		51		72		0.9		1.9		97.6		137.8	
35#	-35000	-270000		14		14		70		88		1.9		2.4		134		168.4
36#	-35250	-270000	50		5.2		25		97		2.4		1		47.9		185.7	
37#	-35500	-270000		24		13		41		137		1.9		3.4		78.5		262.2
38#	-35750	-270000	65		16		19		62		2.4		1.9		36.4		118.7	
39#	-36000	-270000		14		17		36		59		1		1.9		68.9		112.9
40#	-36250	-270000	14		22		35		34		0.9		1.4		67		65.1	
41#	-36500	-270000		47		19		32		53		2.9		1.9		61.3		101.4
42#	-36750	-270000	38		24		26		52		1.9		2.4		49.8		99.5	
43#	-37000	-270000		11		28		47		62		1		3.3		90		118.7
44#	-37250	-270000	35		35		36		59		2.4		4		68.9		112.9	
45#	-37500	-270000		45				50				4.3				95.7		
46#	-37750	-270000	86		42		29		77		4.8		6.2		55.5		147.4	
47#	-38000	-270000		46		19		54		93		4.8		3.4		103.4		178
48#	-38250	-270000	125		26		36		68		8.6		3.4		68.9		130.2	
49#	-38500	-270000		38		30		59		67		4.3		3.8		112.9		128.2
50#	-38750	-270000	77		43		39		64		5.7		5.3		74.7		122.5	
51#	-39000	-270000		53		39		52		115		5.3		8.6		99.5		220.1
52#	-39250	-270000	34		40		51		99		3.3		7.6		97.6		189.5	
53#	-39500	-270000		23		44		107		97		4.7		8.2		204.8		185.7
54#	-39750	-270000	27		31		85		114		4.4		6.8		162.7		218.2	
55#	-40000	-270000		25		76		98		66		4.7		9.6		187.6		126.3
56#	-40250	-270000	46		81		92		59		8.1		9.1		176.1		112.9	
57#	-40500	-270000		135				37				9.6				70.8		
58#	-40750	-270000	169		196		34		23		11		8.6		65.1		44	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
				METAL	FACTOR		APP.	RESIS	T OHM.	FT	F	REQ. E	FFECT		APP.	RESI	ST OHM	.M
No	X	Y	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4	N=1	N=2	N=3	N=4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59#	-41000	-270000		232		422		28		19		12.4		15.3		53.6		36.4
60#	-41250	-270000	228		386		23		22		10		16.3		44		42.1	
61#	-41500	-270000		260		412		26		17		12.9		13.4		49.8		32.5
62#	-41750	-270000	153		488		36		19		10.5		17.7		68.9		36.4	
63#	-42000	-270000		234		207		32		30		14.3		11.9		61.3		57.4
64#	-42250	-270000	288		123		26		51		14.3		12		49.8		97.6	
65#	-42500	-270000		100		500		45		15		8.6		14.4		86.1		28.7
66#	-42750	-270000	157		215		35		14		10.5		5.8		67		26.8	
67#	-43000	-270000		350		305		15		18		10		10.5		28.7		34.5
68#	-43250	-270000	119		240		21		23		4.8		10.6		40.2		44	
69#	-43500	-270000		47				43				3.9				82.3		
70#	-43750	-270000	35		49		29		51		1.9		4.8		55.5		97.6	
71#	-44000	-270000		20		4.7		51		59		2		0.5		97.6		112.9
72#	-44250	-270000	20		21		49		73		1.9		2.9		93.8		139.7	
73#	-44500	-270000		14		5.8		55		218		1.5		2.4		105.3		417.3
74#	-44750	-270000	32		11		31		163		1.9		3.4		59.3		312	
75#	-45000	-270000		9.3		15		134		133		2.4		3.8		256.5		254.6
76#	-45250	-270000	30		4.4		42		115		2.4		1		80.4		220.1	
77#	-45500	-270000		40		3.8		44		198		3.4		1.4		84.2		379
78#	-45750	-270000	71		24		21		83		2.9		3.8		40.2		158.9	
79#	-46000	-270000		34		38		44		73		2.9		5.3		84.2		139.7
80#	-46250	-270000	20		71		86		43		3.3		5.8		164.6		82.3	
81#	-46500	-270000		24				102				4.7				195.2		
82#	-46750	-270000	25		20		138		152		6.6		5.8		264.2		290.9	
83#	-47000	-270000		14		11		234		242		6.3		5.1		447.9		463.2
84#	-27250	-270000	5.8		8		559		313		6.2		4.8		1070		599.1	
85#	-47500	-270000		4.1		12		785		101		6.2		2.3	1	502.6		193.3
86#	-47750	-270000	5.9		6.1		423		448		4.8		5.2		809.7		857.5	
87#	-48000	-270000		11		4.7		265		752		5.6		6.8		507.2		1439.4
88#	-48250	-270000			8.8				453				7.6				867.1	
89#	-48500	-270000				9				553				9.5				1058.5
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

AFT ER THE FRAISER AND MIXED-PLOT FILTERES

REGIONAL 0000 500 FEET ??-??-?? ENVELOP
 IP 125E-242.5E LENGTH 11750 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
 TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	**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*****	*****						*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M		
No	X	Y#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****
44#	13500	0#		3.5		1.7				105.3		63.2		
45#	13250	0#	1.9		1.1		1.94	2.34	72.7		179.9		97.38	118.2
46#	13000	0#		1.3		1.6				42.1		229.7		
47#	12750	0#	1.7		1.9		1.87	2.55	72.7		63.2		106.47	176.1
48#	12500	0#		2.7		1.1				112.9		95.7		
49#	12250	0#	1.8		3.9		2.23	1.78	88.1		195.2		154.01	88.77
50#	12000	0#		2.6						183.8				
51#	11750	0#	0.6		2.2		2.02	2.67	44		248.8		133.43	119.16
52#	11500	0#		1.6		2.8				78.5		306.3		
53#	11250	0#	2.3		3.1		2.70	2.67	67		105.3		129.44	139.49
54#	11000	0#		1.7		3.2				114.8		124.4		
55#	10750	0#	2.1		5.7		3.05	2.27	88.1		118.7		135.03	163.9
56#	10500	0#		2.8		3.7				122.5		158.9		
57#	10250	0#	1.5		5.1		3.04	2.4	84.2		176.1		142.8	159.59
58#	10000	0#		3.8		3.2				157		210.6		
59#	9750	0#	1.9		2.0		2.82	2.93	82.3		197.2		149.3	152.89
60#	9500	0#		2.6		2.4				107.2		239.3		
61#	9250	0#	2.0		2.3		2.42	3.1	111		166.5		170.92	170.12
62#	9000	0#		2.3						162.7				
63#	8750	0#	1.3		1.6		2.36	2.54	99.5		258.4		186.55	178.25
64#	8500	0#		2.7		4.3				206.7		241.2		
65#	8250	0#	0.4		3.0		2.38	2.15	116.8		202.9		199.87	175.86
66#	8000	0#		1.9		3.3				149.3		277.6		
67#	7750	0#	1.4		4.0		2.60	3.34	91.9		143.6		179.41	180.17
68#	7500	0#		2.2		4.3				166.5		390.5		
69#	7250	0#	2.7		3.3		3.32	2.41	99.5		59.3		181.6	161.27
70#	7000	0#		3.9		2.1				185.7		421.1		
71#	6750	0#	0.9		3.6		2.68	2.9	105.3		187.6		180.41	138.78
72#	6500	0#		1.9		6.0				120.6		193.3		
73#	6250	0#	4.0		1.4		3.01	3.01	105.3		137.8		151.86	169.88
74#	6000	0#		2.4						135.9				
75#	5750	0#	2.0		1.9		2.72	2.61	201		65.1		148.82	195
76#	5500	0#		2.6		2.7				97.6		116.8		
77#	5250	0#	2.1		3.8		2.58	2.69	63.2		166.5		106.16	115.33
78#	5000	0#		2.2		3.2				120.6		153.1		
79#	4750	0#	2.3		2.9		2.63	2.16	51.7		120.6		93.47	84.94
80#	4500	0#		2.7						51.7				
81#	4250	0#	3.2		2.1		2.56	2.35	134		59.3		95.23	109.82
82#	4000	0#		1.7		2.6				47.9		91.9		
83#	3750	0#	1.6		1.5		1.87	2.88	57.4		61.3		79.68	106.47
84#	3500	0#		1.9		2.1				93.8		105.3		
85#	3250	0#	1.9		1.7		2.29	2.14	53.6		155		91.96	65.32
86#	3000	0#		3.7						99.5				
87#	2750	0#	2.1		2.3		2.48	1.89	67		109.1		92.2	77.04
88#	2500	0#		2.5		3.1				68.9		130.2		
89#	2250	0#	3.1		2.9		2.37	2.36	67		84.2		82.95	103.12
90#	2000	0#		2.0		2.1				99.5		68.9		
91#	1750	0#	3.9		1.1		2.42	2.62	109.1		88.1		95.55	81.67
92#	1500	0#		1.4		1.0				107.2		61.3		
93#	1250	0#		1.9							76.6			
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****

AFTER THE FRAISER AND MIXED-PLOT FILTERES

NORTH REGIONAL 40N 500 FEET ??-??-?? ENVELOPE
IP 187.5W-235E LENGTH 42250 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT										APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	23500	4000#		7.0							388.6					
2#	23250	4000#	5.7	4.7					210.6			245				
3#	23000	4000#		0.9							34.5					
4#	22750	4000#	6.7	3.3					179.9			256.5				
5#	22500	4000#		4.0	3.5						268		195.2			
6#	22250	4000#	2.8	2.7				3.40	3.6	258.4		195.2			293.74	157.44
7#	22000	4000#		2.4							181.8					
8#	21750	4000#	2.2	4.3				3.06	3.86	49.8		331.1			198.11	188.23
9#	21500	4000#		2.0	4.7						70.8		666.1			
10#	21250	4000#	2.7	4.1				3.66	3.71	49.8		243.1			202.45	143.56
11#	21000	4000#		6.3	4.1						371.3		218.2			
12#	20750	4000#	3.2	0.5				4.30	4.79	145.5		14.7			202.77	199.55
13#	20500	4000#		5.8	5.6						126.3		143.6			
14#	20250	4000#	5.0	4.0				5.06	5.22	128.2		122.5			143.43	463.94
15#	20000	4000#		6.4	5.8						135.9		132.1			
16#	19750	4000#	5.0	7.2				5.81	4.43	201		168.4			296.21	238.72
17#	19500	4000#		6.5	5.3						813.5		356.0			
18#	19250	4000#	6.2	7.3				5.92	4.81	237.4		604.9			392.16	223.48
19#	19000	4000#		6.5							654.6					
20#	18750	4000#	7.2	4.0				5.28	4.96	480.5		166.5			389.53	267.26
21#	18500	4000#		3.8	3.3						111		363.7			
22#	18250	4000#	2.9	2.8				3.44	4.97	120.6		237.4			201.78	424.7
23#	18000	4000#		4.3	3.6						206.7		356.0			
24#	17750	4000#	4.4	4.1				3.64	5.53	231.6		275.6			284.81	119.16
25#	17500	4000#		3.3	2.6						467.1		183.8			
26#	17250	4000#	22.0	2.8				7.95	3.52			277.6				
27#	17000	4000#		4.2	2.9						114.8		325.4			
28#	16750	4000#	3.4	2.7				3.20	5.36	258.4		139.7			208.08	310.33
29#	16500	4000#		4.2	2.3						246.9		90.0			
30#	16250	4000#	2.7	2.4				2.79	3.07	241.2		162.7			234.08	199.79
31#	16000	4000#		3.1							191.4					
32#	15750	4000#	1.7	2.1				2.48	3.14	76.6		174.2			183.44	277.31
33#	15500	4000#		2.5	2.1						68.9		536.0			
34#	15250	4000#	2.3	4.3				2.85	2.72	70.8		224			247.64	154.09
35#	15000	4000#		2.9	3.2						266.1		394.3			
36#	14750	4000#	1.7	4.3				3.01	2.68	114.8		476.6			262.48	141.17
37#	14500	4000#		4.2	3.2						222		451.7			
38#	14250	4000#	3.2	2.4				3.29	3.38	201		218.2			250.15	322.77
39#	14000	4000#		2.3	3.9						233.5		157.0			
40#	13750	4000#	5.5	3.6				3.88	3.85	497.7		201			286.48	303.63
41#	13500	4000#		5.1	2.7						137.8		90.0			
42#	13250	4000#	5.4	3.2				4.18	3.1	491.9		269.9			266.39	247.64
43#	13000	4000#		4.6							306.3					

*****	*****						*****	*****	*****	*****	*****	*****	*****			
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P	
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****	
44#	12750	4000#	2.8		2.7			3.08	3.55	187.6		135.9			180.65	172.51
45#	12500	4000#		2.4		3.2					112.9		201.0			
46#	12250	4000#	2.7		3.5			2.75	2.84	47.9		176.1			109.82	159.35
47#	12000	4000#		3.3		2.7					88.1		103.4			
48#	11750	4000#	2.7		2.1			2.67	1.88	68.9		105.3			109.39	73.46
49#	11500	4000#		2.3		2.3					76.6		151.2			
50#	11250	4000#	2.1		2.5			2.01	2.54	24.9		116.8			76.53	116.52
51#	11000	4000#		1.9		1.9					47.9		158.9			
52#	10750	4000#	1.1		1.0			1.58	2.04	38.3		68.9			79.28	100.49
53#	10500	4000#		1.3		1.1					70.8		74.7			
54#	10250	4000#	1.5		1.9			1.59	1.82	47.9		88.1			93.39	156.24
55#	10000	4000#		2.0							68.9					
56#	9750	4000#	1.9		1.9			1.72	1.76	45.9		99.5			139.09	178.25
57#	9500	4000#		0.8		1.7					76.6		277.6			
58#	9250	4000#	1.7		1.4			1.78	1.75	38.3		237.4			207.92	137.82
59#	9000	4000#		1.6		2.7					147.4		536.0			
60#	8750	4000#	1.1		2.0			1.74	3.29	63.2		400.1			235	113.41
61#	8500	4000#		1.7		3.0					210.6		493.8			
62#	8250	4000#	0.7		1.7			2.30	2.35	105.3		248.8			239.47	194.05
63#	8000	4000#		3.8		2.4					179.9		302.4			
64#	7750	4000#	2.6		1.4			3.33	3.08	176.1		273.7			225.47	289.99
65#	7500	4000#		2.4		8.0					296.7		67.0			
66#	7250	4000#	3.7		6.3			4.16	4.77	522.6		76.6			277.55	272.05
67#	7000	4000#		6.8							105.3					
68#	6750	4000#	9.7		1.3			6.90	2.79	124.4		220.1			182.24	350.77
69#	6500	4000#		9.5		5.7					237.4		220.1			
70#	6250	4000#			3.2					189.5		294.8			287.84	125.38
71#	6000	4000#		3.3		4.6					304.3		421.1			
72#	5750	4000#	5.9		3.6			5.65	3.17	137.8		451.7			250.83	277.79
73#	5500	4000#		8.3		1.9					206.7		465.1			
74#	5250	4000#	2.6		9.5			4.47	6.7	287.1		158.9			303.99	265.59
75#	5000	4000#		3.3		9.3					363.7		126.3			
76#	4750	4000#	9.3		2.1			6.92	6.44	356		342.6			311.53	334.26
77#	4500	4000#		10.2		2.0					298.6		290.9			
78#	4250	4000#	6.7		10.3			7.31	6.13	319.7		292.9			303.95	401.49
79#	4000	4000#		6.0							400.1					
80#	3750	4000#	2.7		6.6			6.18	5.21	541.7		214.4			406.6	304.59
81#	3500	4000#		5.3		13.1					312		373.3			
82#	3250	4000#	1.7		7.5			5.27	3.98	212.5		536			335.53	324.21
83#	3000	4000#		3.3		9.6					363.7		478.5			
84#	2750	4000#	1.6		5.4			4.24	3.29	315.8		336.9			342.59	263.19
85#	2500	4000#		2.6		3.1					214.4		436.4			
86#	2250	4000#			0.9					107.2		216.3			257.37	346.22
87#	2000	4000#				5.8					118.7		321.6			
88#	1750	4000#			1.7					191.4		574.2			281.38	267.26
89#	1500	4000#		3.9		2.0					352.2		283.3			
90#	1250	4000#	5.8		8.5			9.12	12.02	166.5		264.2			282.58	281.14
91#	1000	4000#		4.8							170.4					
92#	750	4000#	2.0		13.1			14.16	13.44	162.7		344.5			270.53	328.04
93#	500	4000#		5.7		47.9					335		319.7			
94#	250	4000#			37.1					268		325.4			320.06	248.6

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT										APP. R	ESIST O	HM.M	
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
95#	0	4000#		25.4		39.8					279.5		463.2		
96#	-250	4000#	16.6		24.7			25.88	32.32	204.8		363.7			290.75 355.55
97#	-500	4000#		15.5		34.3					277.6		298.6		
98#	-750	4000#	16.9		24.4			29.72	29.91	402		277.6			362.89 506.05
99#	-1000	4000#		38.3		28.6					407.7		348.4		
100#	-1250	4000#	1.7		57.8			30.11	20.83	851.8		382.8			582.94 468.49
101#	-1500	4000#			54.9						842.2		352.2		
102#	-1750	4000#	4.8					22.68	23.5	604.9		905.4			588.76 373.02
103#	-2000	4000#		5.1							723.5				
104#	-2250	4000#	4.7		24.9			21.82	24.67	363.7		710.1			442.96 561.08
105#	-2500	4000#		22.1		34.9					367.5		202.9		
106#	-2750	4000#	11.4		34.8			22.72	18.47	1145		116.8			550.48 396.47
107#	-3000	4000#		23.4		27.6					248.8		300.5		
108#	-3250	4000#	12.5		25.2			21.22	19.45	116.8		524.5			235.52 473.27
109#	-3500	4000#		18.6		22.8					273.7		392.4		
110#	-3750	4000#			17.6					296.7		206.7			302.51 159.35
111#	-4000	4000#				16.8					235.4		229.7		
112#	-4250	4000#	1.3					12.89	11.08	103.4		266.1			206.73 317.99
113#	-4500	4000#									112.9		382.8		
114#	-4750	4000#	3.6					5.06	7.98	137.8		170.4			230.1 233.53
115#	-5000	4000#		2.6							237.4				
116#	-5250	4000#	3.2		3.8			3.74	5.16	118.7		256.5			245.41 227.54
117#	-5500	4000#		5.5		3.6					189.5		516.8		
118#	-5750	4000#	3.5		3.8			3.90	4.38	139.7		342.6			265.99 189.26
119#	-6000	4000#		3.5		4.2					317.7		279.5		
120#	-6250	4000#	2.7		3.0			3.68	5.52	120.6		252.7			230.1 340.72
121#	-6500	4000#		3.3		4.4					70.8		363.7		
122#	-6750	4000#	2.1		5.4			4.36	3.68	120.6		164.6			247.68 428.53
123#	-7000	4000#		6.9		6.2					361.8		248.8		
124#	-7250	4000#	3.1		4.9			4.99	3.95	258.4		405.8			396.47 486.19
125#	-7500	4000#		2.8		8.8					551.3		625.9		
126#	-7750	4000#	1.8		6.4			4.65	5.86	451.7		803.9			618.11 630.95
127#	-8000	4000#		5.2							872.8				
128#	-8250	4000#	5.2		5.0			6.37	5.3	748.4		826.9			870.3 732.88
129#	-8500	4000#		7.5		7.1					934.1		1014.5		
130#	-8750	4000#	5.3		6.7			6.48	7.74	664.2		1110.2			961.22 1077.66
131#	-9000	4000#		5.4		7.7					1083		1106.4		
132#	-9250	4000#	7.0		6.1			7.46	6.63	1005		1228.9			1199.09 1110.2
133#	-9500	4000#		5.7		9.8					1436		1228.9		
134#	-9750	4000#	3.4		11.1			7.02	6.72	851.8		1588.7			1224.37 1140.35
135#	-10000	4000#		7.1		12.3					1185		1540.9		
136#	-10250	4000#	5.1		9.2			8.00	6.24	1011		1318.8			1297.47 1060.2
137#	-10500	4000#		9.1		7.8					1296		1550.5		
138#	-10750	4000#	5.9		6.4			7.62	8.73	656.6		1588.7			1128.79 1051.58
139#	-11000	4000#		6.9							861.4				
140#	-11250	4000#	9.5		8.3			8.18	10.78	731.2		1383.9			1002.21 1019.52
141#	-11500	4000#		7.8		5.7					784.8		957.1		
142#	-11750	4000#	14.6		8.0			10.86	8.43	861.4		612.5			895.34 975.26
143#	-12000	4000#		12.1		11.4					551.3		1271.0		
144#	-12250	4000#	9.7		11.8			9.87	10.71	513		1070			759.84 812.08
145#	-12500	4000#		9.8		11.2					819.3		861.4		

AFTER THE FRAISER AND MIXED-PLOT FILTERES

NORTH REGIONAL 80S 500 FEET ??-??-?? ENVELOPE
IP 317.5W-242.5E LENGTH 56000 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH =-Y

*****							*****: *****		*****		*****		*****		*****		*****	
#		FREQ. EFFECT							APP. R ESIST O		HM.M							
No	X	Y#	N=1	N=2	N=3	N=4	FRASER	MIXED-F	N=1	N=2	N=3	N=4	FRASER	MIXED-P				
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	24250	8000#	4.0						126.3									
2#	24000	8000#		4.2						55.5								
3#	23750	8000#	3.3		3.4				32.5		172.3							
4#	23500	8000#		3.2		1.5				118.7		32.5						
5#	23250	8000#	1.9		3.1				44		26.8							
6#	23000	8000#		3.2						128.2								
7#	22750	8000#	3.6		2.9		3.13	2.58	30.6		68.9				68.03		107.91	
8#	22500	8000#		3.5		3.4				76.6		90.0						
9#	22250	8000#	3.6		3.5		2.90	2.23	23		91.9				72.58		82.79	
10#	22000	8000#		1.3		2.3				38.3		107.2						
11#	21750	8000#	1.2		2.1		1.90	2.94	26.8		76.6				83.5		56.71	
12#	21500	8000#		1.5		2.5				61.3		195.2						
13#	21250	8000#	1.8		1.9		2.14	2.75	17.2		170.4				80.39		59.82	
14#	21000	8000#		1.9		1.9				57.4		185.7						
15#	20750	8000#	0.9		4.0		2.47	2.89	32.5		68.9				84.06		101.93	
16#	20500	8000#		5.2		2.9				49.8		70.8						
17#	20250	8000#	4.4		3.1		3.84	3.38	130.2		59.3				112.85		145.95	
18#	20000	8000#		4.2						162.7								
19#	19750	8000#	6.2		3.8		4.51	3.8	229.7		122.5				159.99		116.04	
20#	19500	8000#		5.5		3.0				227.8		137.8						
21#	19250	8000#	4.0		3.6		3.95	3.61	141.6		137.8				139.81		169.88	
22#	19000	8000#		2.7		4.6				88.1		116.8						
23#	18750	8000#	2.0		4.8		3.20	4.47	201		145.5				169.12		268.46	
24#	18500	8000#		3.5		3.4				271.8		118.7						
25#	18250	8000#	5.2		4.5		4.26	2.98	402		202.9				274.2		155.52	
26#	18000	8000#		4.1		2.4				344.5		160.8						
27#	17750	8000#	2.3		3.1		3.35	3.67	178		277.6				214.3		239.99	
28#	17500	8000#		2.9		5.1				162.7		315.8						
29#	17250	8000#	2.4		4.2		3.06	3.04	172.3		201				220.21		193.81	
30#	17000	8000#		3.0						229.7								

*****	*****						*****:	*****	*****	*****	*****	*****	*****	*****
#	FREQ. EFFECT									APP. R	ESIST O	HM.M		
No	X	Y#	N=1	N=2	N=3	N=4	FRASER	MIXED-F	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****:	*****	*****	*****	*****	*****	*****
44#	13500	8000#		1.5		2.1				124.4		210.6		
45#	13250	8000#	2.1		2.2		2.71	2.34	65.1		216.3		144.96	133.03
46#	13000	8000#		3.6		3.2				137.8		245.0		
47#	12750	8000#	2.1		1.8		2.78	3.4	84.2		181.8		143.32	171.32
48#	12500	8000#		3.9		3.7				143.6		99.5		
49#	12250	8000#	2.9		2.8		3.34	3.69	172.3		91.9		169.72	190.7
50#	12000	8000#		4.3						135.9				
51#	11750	8000#	4.2		4.4		4.22	3.59	99.5		210.6		170.28	238.79
52#	11500	8000#		4.7		3.0				179.9		271.8		
53#	11250	8000#	2.7		6.9		4.09	3.65	134		256.5		241.26	173.95
54#	11000	8000#		3.3		3.7				220.1		340.7		
55#	10750	8000#	1.9		6.7		3.68	3.63	118.7		277.6		242.58	260.32
56#	10500	8000#		2.1		4.3				160.8		536.0		
57#	10250	8000#	2.2		3.6		3.53	3.65	137.8		296.7		274.72	241.9
58#	10000	8000#		2.7		6.6				296.7		388.6		
59#	9750	8000#	1.5		4.4		3.59	4.51	193.3		403.9		314.24	242.14
60#	9500	8000#		4.1		4.0				315.8		359.9		
61#	9250	8000#	4.4		5.5		4.95	3.76	340.7		287.1		315.28	288.08
62#	9000	8000#		5.1						336.9				
63#	8750	8000#	8.3		9.6		5.37	4.54	459.4		229.7		288.56	283.29
64#	8500	8000#		1.9		2.3				134		112.9		
65#	8250	8000#	1.9		4.8		3.43	5.35	174.2		149.3		180.81	274.68
66#	8000	8000#		3.9		3.1				143.6		239.3		
67#	7750	8000#	2.5		4.3		3.88	6.13	88.1		239.3		166.45	199.55
68#	7500	8000#		2.5						166.5		260.3		
69#	7250	8000#	1.3		10.4		5.36	3.66	82.3		181.8		177.42	133.51
70#	7000	8000#		7.5		4.8				95.7		317.7		
71#	6750	8000#	1.7		19.0		6.01	2.92	67				176.02	244.53
72#	6500	8000#		2.8		3.9				149.3		325.4		
73#	6250	8000#	1.5		9.1		4.86	4.41	99.5		245		251.07	142.6
74#	6000	8000#		4.4						245				
75#	5750	8000#	2.9		3.6		3.88	5.22	128.2		455.6		222.52	141.41
76#	5500	8000#		4.4		2.6				111		428.8		
77#	5250	8000#	2.1		2.3		3.26	4.39	61.3		120.6		164.06	205.29
78#	5000	8000#		6.1		3.0				70.8		176.1		
79#	4750	8000#	1.0		2.6		3.26	2.76	61.3		101.4		146.15	168.68
80#	4500	8000#		6.3		2.8				103.4		229.7		
81#	4250	8000#	2.7		3.4		3.18	2.92	65.1		241.2		147.75	177.78
82#	4000	8000#		2.4		4.1				162.7		292.9		
83#	3750	8000#	3.1		1.8		2.89	3.87	80.4		202.9		157.92	126.09
84#	3500	8000#		2.6		2.5				132.1		145.5		
85#	3250	8000#	4.7		3.1		3.60	2.71	151.2		99.5		155.05	226.59
86#	3000	8000#		4.2						112.9				
87#	2750	8000#	2.2		4.6		2.94	3.16	243.1		132.1		198.59	210.08
88#	2500	8000#		3.4		2.8				170.4		166.5		
89#	2250	8000#	2.7		2.1		3.01	2.93	99.5		233.5		201.46	258.65
90#	2000	8000#		3.6		2.3				155		451.7		
91#	1750	8000#	3.4		2.7		2.91	3.37	80.4		336.9		250.79	243.34
92#	1500	8000#		2.1		3.1				231.6		310.1		
93#	1250	8000#	2.9		3.3		3.00	3.27	137.8		218.2		294.3	191.41
94#	1000	8000#		5.1		2.8				168.4		937.9		

*****	*****						*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M		
No	X	Y#	N=1	N=2	N=3	N=4	FRASER	MIXED-F	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
95#	750	8000#	2.1	2.1		3.35		3.39	97.6		357.9		298.45	446
96#	500	8000#	4.8	3.1						279.5		440.3		
97#	250	8000#	6.5	4.6		4.30		3.61	403.9		352.2		504.62	351.72
98#	0	8000#	3.3							660.4				
99#	-250	8000#	3.2	4.1		3.63		3.5	402		518.7		511.79	485.24
100#	-500	8000#	3.4	3.3						379		826.9		
101#	-750	8000#	3.1	4.4		3.34		3.52	386.7		631.7		497.2	456.28
102#	-1000	8000#	1.7	4.2						275.6		606.8		
103#	-1250	8000#	1.8	5.0		3.17		3.07	300.5		717.8		479.45	387.37
104#	-1500	8000#	4.9	2.1						545.5		522.6		
105#	-1750	8000#	2.4	2.6		3.36		3.06	262.2		365.6		418.8	552.47
106#	-2000	8000#	3.1	4.7						220.1		583.8		
107#	-2250	8000#	2.4	3.6		3.07		4.03	262.2		356		414.49	518.25
108#	-2500	8000#	4.4	2.4						490		488.1		
109#	-2750	8000#	2.4	3.2		3.54		3.98	199.1		805.9		466.81	456.52
110#	-3000	8000#	3.1							442.2				
111#	-3250	8000#	4.3	4.7		4.38		4.19	359.9		589.6		550.95	610.13
112#	-3500	8000#	3.4	5.5						560.8		782.9		
113#	-3750	8000#	4.6	5.5		4.90		3.91	570.4		792.5		702.65	634.3
114#	-4000	8000#	3.7	8.5						928.4		568.5		
115#	-4250	8000#	4.0	5.2		4.80		5.61	400.1		740.8		703.41	1040.1
116#	-4500	8000#	4.0	5.1						493.8		1012.6		
117#	-4750	8000#	8.4	5.7		6.23		5.09	645.1		951.3		933.54	1089.87
118#	-5000	8000#	5.2	4.5						1305		1133.2		
119#	-5250	8000#	5.6	7.0		5.53		6.48	1388		1755		1417.18	1073.83
120#	-5500	8000#	5.6	5.8						1882		1447.1		
121#	-5750	8000#	8.9	5.3		6.51		5.63	1771		1763		1609.4	1287.5
122#	-6000	8000#	7.1							1417				
123#	-6250	8000#	5.9	4.1		5.72		6.75	1187		1022		1395.33	1458.1
124#	-6500	8000#	3.5	5.8						874.8		1933.3		
125#	-6750	8000#	6.0	5.8		5.96		5.45	662.3		1924		1257.43	1120.97
126#	-7000	8000#	4.7	8.3						1583		1657.6		
127#	-7250	8000#	4.1	6.2		5.49		5.19	819.3		1041		1199.45	794.61
128#	-7500	8000#	3.7	11.0						738.9		1837.6		
129#	-7750	8000#	7.1	5.3		6.30		5.35	794.4		876.7		937.57	1378.42
130#	-8000	8000#	6.8	6.5						966.6		719.7		
131#	-8250	8000#	5.8	3.7		6.11		6.79	1170		746.5		987.62	984.11
132#	-8500	8000#	6.4	5.2						803.9		645.1		
133#	-8750	8000#	8.7	4.3		6.60		7.09	874.8		861.4		833.29	1047.99
134#	-9000	8000#	6.9							861.4				
135#	-9250	8000#	6.4	5.6		6.37		6.06	712.1		796.3		832.65	684.79
136#	-9500	8000#	5.3	7.8						662.3		1108.3		
137#	-9750	8000#	4.8	8.1		6.02		5.41	302.4		1015		690.85	596.26
138#	-10000	8000#	4.1	8.0						589.6		1144.7		
139#	-10250	8000#	6.2	7.8		5.90		4.65	269.9		652.7		594.22	574.24
140#	-10500	8000#	2.7	6.3						384.7		788.6		
141#	-10750	8000#	2.8	2.7		4.49		6.3	555.1		537.9		587.76	726.9
142#	-11000	8000#	3.6	9.0						593.4		497.7		
143#	-11250	8000#	8.5	4.0		5.69		5.41	568.5		440.3		573.05	640.28
144#	-11500	8000#	3.8	5.6						476.6		622.1		
145#	-11750	8000#	4.7	4.1		5.16		5.86	470.9		679.5		546.97	563.95

*****								*****: *****		*****	*****	*****	*****	*****	*****	*****
#	FREQ. EFFECT							APP. R ESIST O HM.M								
No	X	Y#	N=1	N=2	N=3	N=4	FRASER	MIXED-F	N=1	N=2	N=3	N=4	FRASER	MIXED-P		
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
146#	-12000	8000#	4.5							564.7						
147#	-12250	8000#	5.3	4.1			5.71	6.51	444.1		683.3			555.82	489.78	
148#	-12500	8000#	5.7		8.7					520.6		666.1				
149#	-12750	8000#	6.7	8.2			7.05	6.08	447.9		511.1			526.39	617.55	
150#	-13000	8000#	8.8		6.6					398.1		547.4				
151#	-13250	8000#	7.3	9.5			7.44	7.99	428.8		474.7			548.68	664.21	
152#	-13500	8000#	3.8		5.7					536		712.1				
153#	-13750	8000#	5.8	7.0			7.30	8.67	484.3		870.9			633.98	598.41	
154#	-14000	8000#	8.0		11.1					723.5		794.4				
155#	-14250	8000#	7.4	9.6			8.76	6.59	742.7		735			781.93	587.88	
156#	-14500	8000#	10.4		12.0					863.3		859.5				
157#	-14750	8000#	8.5	10.0			8.81	7.38	608.7					721.15	908.26	
158#	-15000	8000#	6.8							970.5						
159#	-15250	8000#	9.0	5.7			8.01	9	1126		478.5			902.44	990.09	
160#	-15500	8000#	6.2		6.0					692.9		603.0				
161#	-15750	8000#	10.2	7.6			7.76	8.21	1704		758			1089.31	1052.06	
162#	-16000	8000#	6.8		8.2					451.7		1640.4				
163#	-16250	8000#	5.7	7.9			6.80	6.68	403.9		874.8			902.4	1177.68	
164#	-16500	8000#	5.6		7.6					1114		1889.3				
165#	-16750	8000#	3.6	7.6			6.33	6.73	604.9		842.2			1172.61	884.81	
166#	-17000	8000#	6.8		9.0					1359		2258.7				
167#	-17250	8000#	6.6	7.4			7.27	6.32	1101		1233			1419.02	1094.17	
168#	-17500	8000#	7.6		6.7					1263		1674.9				
169#	-17750	8000#	7.4	7.6			7.09	6.4	821.2		1895			1320.44	1710.53	
170#	-18000	8000#	5.8							1455						
171#	-18250	8000#	2.3	7.0			5.39	7.52	2335		1407			1820.51	1520.79	
172#	-18500	8000#	7.9		5.0					2642		836.5				
173#	-18750	8000#	5.2	4.9			5.97	7.27	1742		1627			1488.09	1542.8	
174#	-19000	8000#	5.4							1072						
175#	-19250	8000#	5.1	9.1			7.19	8.71	857.5		1518			1175.76	1237.49	
176#	-19500	8000#	7.7							855.6						
177#	-19750	8000#	5.0	9.2			8.79	6.24	997.3		1317			1101.19	931.23	
178#	-20000	8000#	5.9		13.7					738.9		1952.4				
179#	-20250	8000#	6.3	9.2			9.17	9.84	570.4		1149			942.4	885.29	
180#	-20500	8000#	6.3		14.7					1053		612.5				
181#	-20750	8000#	8.2	11.9			10.27	11.08	1177		597.2			991.61	534.76	
182#	-21000	8000#	8.1							905.4						
183#	-21250	8000#	7.4	14.0			11.95	10.92	283.3		610.6			472.79	967.12	
184#	-21500	8000#	17.3		13.2					346.5		509.2				
185#	-21750	8000#	12.2	15.8			13.60	12.13	407.7		210.6			470.72	540.03	
186#	-22000	8000#	12.7		13.4					342.6		405.8				
187#	-22250	8000#	12.3	12.0			13.21	13.19	292.9		572.3			448.79	673.3	
188#	-22500	8000#	12.2		13.0					421.1		1083.4				
189#	-22750	8000#	9.8	16.0			12.17	12.79	574.2		694.8			666.44	579.75	
190#	-23000	8000#	10.5		14.4					1045		513.0				
191#	-23250	8000#	11.5	13.6			12.53	9.73	1041		648.9			883.14	706.8	
192#	-23500	8000#	11.4		14.0					714		876.7				
193#	-23750	8000#	6.1	12.2			9.77	11.47	610.6		1018			797.24	1180.79	
194#	-24000	8000#	6.4							1074						
195#	-24250	8000#	7.4	7.5			9.58	9.76	1225		1254			1205.59	670.19	
196#	-24500	8000#	11.2		10.4					1866		742.7				

[illegible]

ER THE FRAISER AND MIXED-PLOT FILTERES

NORTH REGIONAL 120N 500 FEET ??-??-?? ENVELOPE

IP 310W-237.5E LENGTH 54750 FEET

GEOCHEMISTRY nil

ALONG LINE STATIONS INCREASE WEST =-X, INCREASE

TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	N=2	FR	EQ. EF	ECT		%		APP. R	ESIST	HM.M		
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	23750	12000			3.3				%		90				
2#	23500	12000				2.9			%	168.4		57.4			
3#	23250	12000	2.4		1.9				174.20%		118.7				
4#	23000	12000		1.9		2.9			%	137.8		145.5			
5#	22750	12000	3.9		3.9				788.60%		178				
6#	22500	12000		4		5.9			%	792.5		325.4			
7#	22250	12000	6.2		6.2		5.6	4.1	1037.50%		1238.5		864.08	479.73	
8#	22000	12000		8					%	1607.9					
9#	21750	12000	8.2		7.5		6.47	5.47	1020.20%		1071.9		907.7	677.37	
10#	21500	12000		6.7		4.2			%	744.6		696.7			
11#	21250	12000	8.3		3.5		6.3	5.94	691.00%		499.6		729.53	1098.5	
12#	21000	12000		6.5		3.8			%	501.5		470.9			
13#	20750	12000	3.3		4.1		4.74	4.52	541.70%		518.7		789.74	559.89	
14#	20500	12000		5.5		7.8			%	547.4		1554.3			
15#	20250	12000	2		7.1		3.88	3.48	178.00%		2354.4		706.12	438.1	
16#	20000	12000		4		3.5			%	802		1152.3			
17#	19750	12000	3.8		1.8		3.63	3.7	269.90%		459.4		683.59	285.45	
18#	19500	12000		1.5		2.9			%	210.6		266.1			
19#	19250	12000	3.3		1		2.81	4.58	206.70%		88.1		277.07	722.11	
20#	19000	12000		2.8					%	122.5					
21#	18750	12000	3.8		4.8		3.28	2.77	151.20%		120.6		164.38	322.05	
22#	18500	12000		2.9		3.3			%	193.3		118.7			
23#	18250	12000	1.9		3.9		3.1	3.18	91.90%		206.7		147.15	284.97	
24#	18000	12000		2.9		3.4			%	107.2		245			
25#	17750	12000	2.9		3.4		3.5	4.13	245.00%		135.9		262.08	340.72	
26#	17500	12000		4.8		3.8			%	365.6		212.5			
27#	17250	12000	4.2		4.1		4.25	3.91	264.20%		580		363.37	268.22	
28#	17000	12000		4.5		3.2			%	505.3		461.3			
29#	16750	12000	3.9		5.7		4.44	4.49	390.50%		440.3		445.44	355.31	
30#	16500	12000		5		4.4			%	415.4		555.1			
31#	16250	12000	5.2		6		4.99	4.41	325.40%		543.6		441.13	427.09	
32#	16000	12000		4.9					%	375.2					
33#	15750	12000	5.2		5		4.94	4.75	275.60%		501.5		442.01	359.38	
34#	15500	12000		4.2		5			%	463.2		629.8			
35#	15250	12000	5.3		4.3		4.81	4.75	231.60%		614.4		391.36	358.18	
36#	15000	12000		4.8		5.3			%	369.4		375.2			
37#	14750	12000	3.5		3.8		4.38	3.22	246.90%		224		337.57	315.59	
38#	14500	12000		5.2		4.9			%	162.7		407.7			
39#	14250	12000	1.9		4.4		3.35	3.47	105.30%		336.9		243.3	407.71	
40#	14000	12000		2.3		4.4			%	250.8		369.4			
41#	13750	12000	2		2.5		2.66	3.96	179.90%		310.1		283.05	286.64	
42#	13500	12000		1.9		2.3			%	268		331.1			
43#	13250	12000	3.4		1.3		3.15	3.43	210.60%		323.5		309.93	413.93	
44#	13000	12000		4.3					%	271.8					
45#	12750	12000	3.7		4.1		3.44	3.3	310.10%		411.5		419.6	389.29	
46#	12500	12000		3.8		3.7			%	545.5		532.1			
47#	12250	12000	2.8		3.6		3.48	3.14	306.30%		712.1		488.43	362.97	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	Y	N=1	N=2	FR N=3	EQ. EF N=4	ECT FRASER MIXED	% N=1	N=2	APP. R N=3	ESIST N=4	HM.M FRASER MIXED-			
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
48#	12000	12000		4		2.8		%	499.6		568.5				
49#	11750	12000	2.4		4		3.32 3.59	344.50%		566.6		480.89 501.51			
50#	11500	12000		2.7		3.5		%	457.5		583.8				
51#	11250	12000	3.3		4.9		3.67 3.87	478.50%		442.2		499.31 487.39			
52#	11000	12000		4.9		3.4		%	493.8		423				
53#	10750	12000	4.2		4.4		4.17 3.62	380.90%		436.4		459.31 469.2			
54#	10500	12000		3.9		2.7		%	350.3		670				
55#	10250	12000	3.4		5.5		3.91 4.2	308.20%		547.4		430.76 447.91			
56#	10000	12000		4.8				%	536						
57#	9750	12000	2.5		4.5		3.95 3.6	423.00%		562.8		471.44 331.86			
58#	9500	12000		5.9		3.3		%	537.9		275.6				
59#	9250	12000	3.4		3.8		3.91 3.58	287.10%		294.8		347.42 434.99			
60#	9000	12000		3.8		3.8		%	181.8		426.9				
61#	8750	12000	2.4		2.8		3.26 4.75	141.60%		197.2		268.86 350.29			
62#	8500	12000		3.3		3.8		%	237.4		470.9				
63#	8250	12000	2.9		3.4		3.8 3.83	126.30%		428.8		275.4 221.08			
64#	8000	12000		5.4		4		%	216.3		495.8				
65#	7750	12000	4.3		4.7		4.59 4.53	155.00%		275.6		282.97 350.77			
66#	7500	12000		5.8		5.6		%	185.7		398.1				
67#	7250	12000	5.7		3.9		5.37 4.76	302.40%		258.4		363.93 386.42			
68#	7000	12000		5.7				%	474.7						
69#	6750	12000	4.1		6.1		5.22 5.09	377.10%		505.3		436.11 316.07			
70#	6500	12000		6.5		5.9		%	497.7		536				
71#	6250	12000	6.8		6.3		5.77 4.8	359.90%		528.3		408.19 406.04			
72#	6000	12000		5.6		4.2		%	352.2		417.3				
73#	5750	12000	5.7		3.7		5.09 4.74	520.60%		285.2		426.93 401.49			
74#	5500	12000		4.8		4.3		%	396.2		271.8				
75#	5250	12000	4.3		3.9		4 4.86	225.90%		356		318.74 453.17			
76#	5000	12000		3.4		4.7		%	225.9		467.1				
77#	4750	12000	2.8		2		3.4 3.52	258.40%		290.9		341.44 263.19			
78#	4500	12000		2.4		4.4		%	300.5		553.2				
79#	4250	12000	2		4.2		2.96 3.06	103.40%		593.4		288.56 217.73			
80#	4000	12000		2.9				%	239.3						
81#	3750	12000	2.9		2.5		3.02 1.96	143.60%		283.3		247.16 227.78			
82#	3500	12000		2.3		3.9		%	210.6		155				
83#	3250	12000	1		2.4		1.81 3.29	160.80%		124.4		172.35 295.26			
84#	3000	12000		1		2.4		%	112.9		151.2				
85#	2750	12000	2.9		1.1		2.48 2.53	99.50%		143.6		154.69 222.04			
86#	2500	12000		3.8		1.5		%	132.1		243.1				
87#	2250	12000	1.9		2.4		2.41 2.46	88.10%		237.4		175.94 118.44			
88#	2000	12000		2.3		2.9		%	145.5		363.7				
89#	1750	12000	1.9		2.4		2.24 2.73	57.40%		237.4		174.27 161.27			
90#	1500	12000		1.9		3.9		%	101.4		325.4				
91#	1250	12000	1.9		1.8		2.64 2.46	126.30%		141.6		195.16 206.01			
92#	1000	12000		2.8				%	187.6						
93#	750	12000	1.9		3.9		2.9 2.77	170.40%		243.1		220.21 238.55			
94#	500	12000		3.3		3.9		%	254.6		218.2				
95#	250	12000	2.9		2.8		3.34 4.01	155.00%		233.5		238.23 236.64			
96#	0	12000		3.8		3.7		%	172.3		306.3				
97#	-250	12000	4.3		2.8		4.25 4.13	135.90%		258.4		238.91 349.57			
98#	-500	12000		5.8		3.5		%	233.5		493.8				
99#	-750	12000	3.8		4		4.37 3.86	174.20%		283.3		296.77 233.05			
100#	-1000	12000		4.4		7.5		%	229.7		415.4				
101#	-1250	12000	2.4		3.8		4.14 4.34	139.70%		380.9		324.21 260.56			
102#	-1500	12000		4.3		5.4		%	254.6		679.5				

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
					FR	EQ. EF	ECT			APP. R	ESIST	HM.M		
No	X	Y	N=1	N=2	N=3	N=4	FRASER	MIXED	%	N=1	N=2	N=3	N=4	FRASER MIXED-
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
103#	-1750	12000	2.9		5.4		4.49	4	139.70%			491.9		316.71 316.31
104#	-2000	12000		1.8					%	118.7				
105#	-2250	12000	4.4		6.2		4.99	4.83	245.00%			344.5		359.86 335.93
106#	-2500	12000		5.6		7.6			%	281.4		509.2		
107#	-2750	12000	5.2		4.4		5.67	5.09	225.90%			363.7		355.07 514.9
108#	-3000	12000		5.7					%	283.3				
109#	-3250	12000	5.2				5.69	6.33	432.60%					512.91 437.62
110#	-3500	12000		5.7		5.5			%	442.2		606.8		
111#	-3750	12000	6.1		6.4		6.27	6.48	357.90%			796.3		558.45 522.08
112#	-4000	12000		6.6		6.4			%	547.4		913		
113#	-4250	12000	6.3		6.7		6.61	5.8	574.20%			557		655.36 460.83
114#	-4500	12000		7		7.1			%	698.7		593.4		
115#	-4750	12000	6.5		8.1		6.62	6.1	645.10%			805.9		636.13 742.21
116#	-5000	12000		7.3					%	660.4				
117#	-5250	12000	7.3		5.8		6.52	5.67	1209.70%			482.4		783.52 659.66
118#	-5500	12000		6.2		4.6			%	779.1		308.2		
119#	-5750	12000	4.3		5.1		4.98	5.84	394.30%			507.2		564.75 697.94
120#	-6000	12000		3.7		5.5			%	283.3		916.9		
121#	-6250	12000	2.9		5.1		4.22	5.28	162.70%			637.4		494.13 567.54
122#	-6500	12000		3.5		5.7			%	384.7		1148.5		
123#	-6750	12000	3		4.5		4.42	4.44	212.50%			758		573.92 302.43
124#	-7000	12000		3.9		6.1			%	484.3		1008.8		
125#	-7250	12000	3.9		5.4		4.93	4.38	204.80%			679.5		540.35 482.13
126#	-7500	12000		4.8		6.8			%	298.6		754.2		
127#	-7750	12000	4.2		5.9		5.04	5.02	296.70%			346.5		476.78 641
128#	-8000	12000		5.6					%	371.3				
129#	-8250	12000	5.7		4.5		5.49	6.2	474.70%			505.3		542.34 809.2
130#	-8500	12000		6		3.7			%	662.3		532.1		
131#	-8750	12000	7.8		4.7		6.3	6.58	782.90%			677.6		801.95 702.01
132#	-9000	12000		6.2		5.7			%	882.4		717.8		
133#	-9250	12000	5.1		6.8		6.19	6.79	459.40%			1138.9		811.56 844.62
134#	-9500	12000		6.9		8.3			%	765.7		1385.8		
135#	-9750	12000	4.9		8.4		6.85	5.41	547.40%			1047		917.87 659.66
136#	-10000	12000		6.6		8.4			%	937.9		1397.3		
137#	-10250	12000	5.1		9.7		7.15	5.67	641.20%			1215.5		949.26 707.28
138#	-10500	12000		7.4		7.4			%	819.3		1052.8		
139#	-10750	12000	2.6		7.3		6.12	6.34	641.20%			733.1		809.52 794.85
140#	-11000	12000		6.9					%	631.7				
141#	-11250	12000	5		5.1		5.98	5.74	558.90%			641.2		640.68 739.82
142#	-11500	12000		5.5		6.3			%	549.4		574.2		
143#	-11750	12000	3.9		5.1		4.98	5.76	356.00%			562.8		502.62 609.89
144#	-12000	12000		5.1		6.8			%	392.4		675.7		
145#	-12250	12000	4.8		3.7		4.98	4.76	264.20%			522.6		452.42 534.52
146#	-12500	12000		4.3		5.2			%	359.9		574.2		
147#	-12750	12000	3.9		5		4.53	4.73	243.10%			382.8		452.5 430.68
148#	-13000	12000		3.4		5.4			%	262.2		895.8		
149#	-13250	12000	2.9		5.4		4.12	4.67	145.50%			670		439.3 429.01
150#	-13500	12000		3.8		5.4			%	419.2		777.1		
151#	-13750	12000	2.9		3.6		4.35	4.99	266.10%			513		485.55 367.75
152#	-14000	12000		4.3					%	357.9				
153#	-14250	12000	4.4		5.6		5.18	5.17	275.60%			463.2		428.53 615.16
154#	-14500	12000		5.8		6			%	359.9		543.6		
155#	-14750	12000	5.5		5.6		5.99	4.9	499.60%			430.7		539.79 519.45
156#	-15000	12000		7		7.7			%	639.3		511.1		
157#	-15250	12000	5.8		5.9		5.91	5.65	417.30%			842.2		568.34 535.96

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
					FR	EQ. EF	ECT			%		APP. R	ESIST	HM.M	
No	X	Y	N=1	N=2	N=3	N=4	FRASER	MIXED		%	N=1	N=2	N=3	N=4	FRASER MIXED-
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
158#	-15500	12000		5.6		5.5				%		694.8		689.1	
159#	-15750	12000	5.9		4.7		5.81	5.44	656.60%			585.7		634.34	555.58
160#	-16000	12000		6.4		5.3				%		585.7		534	
161#	-16250	12000	4.6		5.6		5.03	5.39	656.60%			555.1		608.54	734.55
162#	-16500	12000		4.1		5.3				%		585.7		583.8	
163#	-16750	12000	3.3		4.4		4.48	4.71	417.30%			627.8		619.62	642.91
164#	-17000	12000		4.5						%		499.6			
165#	-17250	12000	2.8		6.3		4.3	4.6	310.10%			1269.1		661.1	548.88
166#	-17500	12000		5.7		3.9				%		941.8		985.8	
167#	-17750	12000	3.3		5		4.55	4.34	553.20%			629.8		720.76	476.14
168#	-18000	12000		5.3		3				%		403.9		744.6	
169#	-18250	12000	4.4		4.3		4.5	5.52	229.70%			543.6		495.92	1083.4
170#	-18500	12000		4.4		5.6				%		369.4		798.2	
171#	-18750	12000	3.5		3.4		4.62	4.86	495.80%			562.8		707.2	770.92
172#	-19000	12000		6.3		5.6				%		901.6		625.9	
173#	-19250	12000	3		5.4		5.13	5.09	604.90%			1071.9		890.64	789.35
174#	-19500	12000		5.8		6.9				%		834.6		1717	
175#	-19750	12000	3.6		7.5		5.87	5.49	516.80%			1493		997.03	961.62
176#	-20000	12000		7.3						%		1219.3			
177#	-20250	12000	5.1		7.5		6.5	5.55	1018.30%			1244.2		1241.7	878.11
178#	-20500	12000		4.6		7.1				%		1148.5		1181	
179#	-20750	12000	3.7		6.7		5.96	6.67	738.90%			1114		1055.6	1181.5
180#	-21000	12000		5.7		9.3				%		813.5		1544.7	
181#	-21250	12000	3.9		7.4		6.35	6.39	562.80%			1227		982.91	826.91
182#	-21500	12000		7.1		7.2				%		1010.7		1196.3	
183#	-21750	12000	6.1		7.4		7.12	6.32	765.70%			1058.5		965.77	847.25
184#	-22000	12000		7.6		8.2				%		691		1372.4	
185#	-22250	12000	5.6		5.8		6.84	8.56	624.00%			974.3		812.16	896.3
186#	-22500	12000		5.7		7.9				%		815.4		526.4	
187#	-22750	12000	7.5		8.8		8.1	7.58	679.50%			486.2		732.4	755.37
188#	-23000	12000		8.5						%		449.8			
189#	-23250	12000	5.8		11.5		8.42	6.29	275.60%			1049		548.8	760.15
190#	-23500	12000		9.1		11.1				%		761.8		444.1	
191#	-23750	12000	6.2		10.5		7.76	6.42	444.10%			702.5		621.46	382.59
192#	-24000	12000		6.7		7.3				%		516.8		733.1	
193#	-24250	12000	4.3		5.3		6	7.77	266.10%			583.8		449.5	609.89
194#	-24500	12000		3.7		4.9				%		335		694.8	
195#	-24750	12000	4.4		4.2		5.45	7.96	363.70%			346.5		462.23	466.57
196#	-25000	12000		4.8		8.3				%		432.6		375.2	
197#	-25250	12000	3.3		8.1		6.04	5.51	335.00%			537.9		458.76	430.44
198#	-25500	12000		8.7		9				%		455.6		645.1	
199#	-25750	12000	7.2		8		7.37	5.61	246.90%			568.5		410.26	373.98
200#	-26000	12000		8.8						%		382.8			
201#	-26250	12000	10.5		6		7.58	8.11	275.60%			499.6		376.69	307.22
202#	-26500	12000		9.2		1.5				%		400.1		298.6	
203#	-26750	12000	10.6		3.8		7.17	9.06	225.90%			271.8		273.56	337.61
204#	-27000	12000		5.7		4.2				%		166.5		235.4	
205#	-27250	12000	8.2		7.3		7.1	6.94	151.20%			155		202.1	333.54
206#	-27500	12000		8.6		9.1				%		130.2		294.8	
207#	-27750	12000	4.3		10		6.65	3.49	88.10%			269.9		202.78	204.57
208#	-28000	12000		5.8		9.4				%		216.3		277.6	
209#	-28250	12000	3.3		5.7		5.43	5.43	88.10%			246.9		216.14	387.61
210#	-28500	12000		2.5		6.9				%		116.8		495.8	
211#	-28750	12000	2.8		1.5		4.49	6	254.60%			245		392.4	514.9
212#	-29000	12000		4.3						%		534			

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****		
No	X	Y	N=1	N=2	N=3	N=4	FR	EQ. EF	ECT	%	N=1	N=2	N=3	N=4	FRASER	MIXED
213#	-29250	12000	3.9		5				4.71	4.69	434.50%		714		644.59	483.32
214#	-29500	12000		4.4		6.9					%	740.8		989.6		
215#	-29750	12000	3.2		5.5				4.64	4.83	463.20%		1104.5		766.93	1325.5
216#	-30000	12000		4.2		5.8					%	832.7		970.5		
217#	-30250	12000	4.2		4.9				5.15	4.23	2124.70%		704.4		1553.5	639.32
218#	-30500	12000		5.3		4.9					%	1755.3		970.5		
219#	-30750	12000			7.4						%		2469.2			
220#	-31000	12000				5.1					%			2545.8		

AFT ER THE FRAISER AND MIXED-PLOT FILTERES

NORTH REGIONAL 160N 500 FEET ??-??-??!080 XXV1-
 IP 310W-237.5E LENGTH 54750 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST =- EAST =X
 TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	#	FREQ. EFFECT					APP. R ESIST O	HM.M	
*****	X	Y # N=1 N=2 N=3 N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	23750	16000# 5.2				469			
2#	23500	16000# 5.7 4.8			285.2		599.1		
3#	23250	16000# 2.3 5.6		195.2		373.3			
4#	23000	16000# 4.8 4.7			283.3		430.7		
5#	22750	16000# 2.4 3.5		172.3		350.3			
6#	22500	16000# 3.0 2.5			248.8		352.2		
7#	22250	16000# 2.4 1.9 3.02	4.25	170.4		271.8		270.37	333.3
8#	22000	16000# 2.5			206.7				
9#	21750	16000# 1.9 3.3 3.19	3.67	168.4		239.3		271.65	318.94
10#	21500	16000# 3.8 4.9			210.6		405.8		
11#	21250	16000# 2.9 4.8 4.00	3.51	135.9		400.1		299.88	266.07
12#	21000	16000# 3.7 6.0			310.1		459.4		
13#	20750	16000# 2.9 4.2 4.39	5.25	172.3		354.1		313.44	226.35
14#	20500	16000# 4.7 5.0			214.4		551.3		
15#	20250	16000# 5.3 6.1 5.67	5.25	132.1		336.9		273.4	286.16
16#	20000	16000# 6.7 5.7			208.6		405.8		
17#	19750	16000# 7.1 7.7 6.58	6.07	132.1		264.2		261.76	277.07
18#	19500	16000# 6.6 6.2			201		310.1		
19#	19250	16000# 7.2 7.1 6.91	6.71	141.6		262.2		248.52	363.21
20#	19000	16000# 7.1			197.2				
21#	18750	16000# 6.7 6.8 7.00	6.44	210.6		296.7		321.34	299.09
22#	18500	16000# 7.6 7.2			344.5		421.1		
23#	18250	16000# 5.7 7.3 6.58	6.27	210.6		522.6		361.37	263.43
24#	18000	16000# 6.8 7.2			357.9		599.1		
25#	17750	16000# 5.7 5.6 6.20	5.25	235.4		463.2		354.4	285.69
26#	17500	16000# 5.9 6.3			344.5		348.4		
27#	17250	16000# 3.8 5.9 5.08	5.48	315.8		279.5		334.58	360.34
28#	17000	16000# 4.8 5.6			279.5		268.0		
29#	16750	16000# 2.8 4.7 4.28	4.55	281.4		260.3		291.75	386.18
30#	16500	16000# 4.2 4.3			298.6		289.0		
31#	16250	16000# 2.8 2.8 3.75	4.03	199.1		344.5		291.35	274.92
32#	16000	16000# 3.4			243.1				
33#	15750	16000# 2.4 3.3 3.24	4.04	114.8		474.7		274.6	278.51
34#	15500	16000# 2.9 4.5			264.2		449.8		
35#	15250	16000# 2.9 3.4 3.51	3.59	204.8		287.1		307.3	350.05
36#	15000	16000# 4.0 3.8			246.9		344.5		
37#	14750	16000# 3.3 4.7 3.81	4.06	233.5		313.9		346.5	655.83
38#	14500	16000# 3.5 3.5			346.5		436.4		
39#	14250	16000# 2.8 3.9 3.97	4.08	313.9		486.2		500.71	402.45
40#	14000	16000# 4.1 5.2			513		742.7		
41#	13750	16000# 3.3 5.9 4.33	3.85	254.6		849.9		574.88	502.94
42#	13500	16000# 4.8 5.3			478.5		1313.1		
43#	13250	16000# 2.9 4.9 4.34	4.43	317.7		819.3		674.66	562.76
44#	13000	16000# 3.8			625.9				
45#	12750	16000# 4.3 5.5 4.75	4.81	434.5		779.1		735.11	707.52
46#	12500	16000# 4.9 3.9			616.4		982.0		
47#	12250	16000# 3.2 5.6 4.76	4.91	459.4		800.1		749.23	773.55

*****	*****						*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M		
No	X	Y #	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
48#	12000	16000#	5.7	5.8						708.2		960.9		
49#	11750	16000#	4.7	5.6		5.24	4.86	583.8			805.9		781.29	578.31
50#	11500	16000#	5.5	5.2						614.4		1297.8		
51#	11250	16000#	5.0	6.1		5.41	4.47	503.4			1022.2		729.49	656.55
52#	11000	16000#	5.9	4.7						848		775.2		
53#	10750	16000#	4.1	6.0		4.77	4.92	459.4			662.3		645.55	540.51
54#	10500	16000#	4.0	4.2						446		379.0		
55#	10250	16000#	3.8	3.8		4.38	4.64	319.7			290.9		415.53	620.9
56#	10000	16000#	5.8							262.2				
57#	9750	16000#	3.9	3.8		4.11	4.01	155			294.8		307.54	391.2
58#	9500	16000#	2.9	3.9						239.3		562.8		
59#	9250	16000#	2.0	3.9		3.40	3.7	114.8			482.4		286.24	275.64
60#	9000	16000#	4.4	5.1						233.5		463.2		
61#	8750	16000#	2.8	3.9		3.49	3.03	237.4			241.2		311.57	352.92
62#	8500	16000#	3.0	3.4						246.9		336.9		
63#	8250	16000#	3.4	2.4		3.36	4.46	279.5			340.7		334.78	570.89
64#	8000	16000#	3.2	3.8						402		292.9		
65#	7750	16000#	4.6	3.5		4.09	4.44	771.4			390.5		575.44	462.51
66#	7500	16000#	5.0	2.8						717.8		551.3		
67#	7250	16000#	3.7	7.0		4.57	3.77	371.3			999.2		566.91	545.53
68#	7000	16000#	5.0							560.8				
69#	6750	16000#	2.9	5.5		4.44	4.77	419.2			781		630.63	542.18
70#	6500	16000#	4.0	6.0						574.2		756.1		
71#	6250	16000#	3.5	5.5		5.02	5.19	432.6			681.4		631.83	652.01
72#	6000	16000#	7.9	4.2						467.1		838.4		
73#	5750	16000#	7.7	5.0		6.21	4.71	335			708.2		613.92	565.87
74#	5500	16000#	4.9	5.7						493.8		957.1		
75#	5250	16000#	4.2	5.4		4.82	5.13	248.8			899.6		594.38	509.88
76#	5000	16000#	4.5	5.7						558.9		957.1		
77#	4750	16000#	1.5	4.6		3.82	4.4	292.9			656.6		567.46	546.97
78#	4500	16000#	2.3	5.7						388.6		637.4		
79#	4250	16000#	1.5	4.0		3.81	4.73	308.2			402		509.24	638.85
80#	4000	16000#	4.5							344.5				
81#	3750	16000#	4.5	4.4		4.99	3.96	342.6			631.7		533.01	572.57
82#	3500	16000#	5.1	6.4						637.4		802.0		
83#	3250	16000#	3.4	5.5		4.69	4.94	344.5			913		586.76	473.75
84#	3000	16000#	4.3							539.8		509.2		
85#	2750	16000#	5.9	4.6		5.29	5.68	419.2			660.4		582.94	748.43
86#	2500	16000#	5.6	5.1						507.2		725.5		
87#	2250	16000#	7.8	5.1		6.03	5.85	1110.2			853.7		822.36	680.48
88#	2000	16000#	6.7	4.2						1334.2		283.3		
89#	1750	16000#	6.7	5.1		5.87	5.38	962.8			639.3		773.39	663.49
90#	1500	16000#	5.3	6.5						478.5		645.1		
91#	1250	16000#	2.5	6.3		4.80	5.67	359.9			526.4		520.09	775.71
92#	1000	16000#	5.7							377.1				
93#	750	16000#	3.9	6.1		5.42	4.19	296.7			1008.8		570.57	366.56
94#	500	16000#	5.6	5.4						805.9		775.2		
95#	250	16000#	4.7	6.7		5.03	4.61	296.7			608.7		510.36	363.69
96#	0	16000#	4.8	5.6						279.5		618.3		
97#	-250	16000#	3.3	3.5		4.13	6.74	233.5			290.9		349.17	833.13
98#	-500	16000#	3.3	3.3						271.8		304.3		
99#	-750	16000#	6.5	2.8		5.55	4.74	537.9			281.4		518.09	474.23
100#	-1000	16000#	8.7	5.3						721.6		277.6		
101#	-1250	16000#	2.8	6.5		4.92	4.7	202.9			648.9		464.9	538.11
102#	-1500	16000#	4.3	7.9						268		1322.7		

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
103#	-1750	16000#	1.5	5.2		4.67		5.03	147.4			650.8		532.61	550.32
104#	-2000	16000#		5.8							417.3				
105#	-2250	16000#	2.0	4.8		5.20		4.8	252.7			691		690.37	526.39
106#	-2500	16000#		4.8	6.7						532.1		1330.3		
107#	-2750	16000#	2.0	7.7		5.21		5.41	245			1106.4		718.6	744.12
108#	-3000	16000#		6.7	8.0						673.8		1001.1		
109#	-3250	16000#	4.4	6.8		5.94		6.01	400.1			620.2		789.46	865.43
110#	-3500	16000#		4.6	5.3						459.4		1330.3		
111#	-3750	16000#	7.3	6.3		6.61		6.62	604.9			1052.8		879.23	1168.82
112#	-4000	16000#		6.1	7.0						765.7		1397.3		
113#	-4250	16000#	6.3	7.2		6.67		6.33	903.5			1435.6		1245.07	929.32
114#	-4500	16000#		7.5	7.9						1870.1		1324.6		
115#	-4750	16000#	5.4	6.9		6.51		5.66	1351.4			1736.1		1397.88	1030.53
116#	-5000	16000#		6.2							1248				
117#	-5250	16000#	5.7	5.5		5.93		6.39	949.4			788.6		1125.68	1458.1
118#	-5500	16000#		4.0	6.8						670		1361.0		
119#	-5750	16000#	5.0	6.0		5.59		5.53	714			1202.1		1128.39	1214.29
120#	-6000	16000#		6.2	5.5						1550.5		1370.5		
121#	-6250	16000#	5.2	5.7		5.40		4.2	1045.1			1914.1		1299.34	744.12
122#	-6500	16000#		4.3	7.2						1422.2		1431.8		
123#	-6750	16000#	6.1	4.3		4.79		6.11	869			1070		1056.37	1073.6
124#	-7000	16000#		3.9	3.7						652.7		918.8		
125#	-7250	16000#	5.7	2.1		4.89		4.6	570.4			536		773.71	1118.34
126#	-7500	16000#		5.6	3.4						555.1		861.4		
127#	-7750	16000#	3.0	6.6		4.01		4.46	507.2			943.7		749.71	803.46
128#	-8000	16000#		5.2							1037.5				
129#	-8250	16000#	3.1	3.9		3.96		3.7	610.6			773.3		781.93	540.27
130#	-8500	16000#		3.8	3.2						543.6		1052.8		
131#	-8750	16000#	2.8	3.8		3.61		4.77	275.6			756.1		562.92	767.09
132#	-9000	16000#		4.2	4.0						417.3		792.5		
133#	-9250	16000#	3.9	3.9		4.26		3.82	434.5			484.3		612.21	523.28
134#	-9500	16000#		5.0	4.4						560.8		627.8		
135#	-9750	16000#	3.9	4.3		4.32		3.79	204.8			857.5		504.14	674.26
136#	-10000	16000#		4.0	6.6						359.9		830.7		
137#	-10250	16000#	3.8	4.2		4.27		4.04	375.2			421.1		562.12	516.58
138#	-10500	16000#		4.2	4.0						467.1		803.9		
139#	-10750	16000#	3.8	4.2		4.21		4.41	315.8			838.4		550.32	532.13
140#	-11000	16000#		4.0							574.2				
141#	-11250	16000#	4.7	3.7		4.43		4.85	470.9			522.6		575.12	475.9
142#	-11500	16000#		5.7	4.1						438.3		677.6		
143#	-11750	16000#	6.7	4.7		5.03		4.5	350.3			581.9		474.55	674.5
144#	-12000	16000#		4.7	3.8						472.8		545.5		
145#	-12250	16000#	5.0	3.8		4.60		4.35	499.6			474.7		566.11	624.01
146#	-12500	16000#		4.6	4.7						580		474.7		
147#	-12750	16000#	3.7	4.6		3.94		3.75	371.3			654.6		565.83	643.39
148#	-13000	16000#		2.3	4.9						455.6		974.3		
149#	-13250	16000#	2.0	4.1		3.21		3.86	392.4			683.3		660.54	558.21
150#	-13500	16000#		2.1	4.3						696.7		1085.3		
151#	-13750	16000#	1.3	3.4		3.24		4.39	269.9			1148.5		687.9	498.63
152#	-14000	16000#		2.8							568.5				
153#	-14250	16000#	7.0	5.1		5.05		4.56				857.5			
154#	-14500	16000#		4.4	5.6						486.2		798.2		
155#	-14750	16000#	3.1	4.5		5.04		5.51	442.2			558.9		591.23	696.27
156#	-15000	16000#		5.3	5.7						530.2		574.2		
157#	-15250	16000#	3.4	6.9		5.72		6.49	426.9			574.2		573.49	660.38

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ.	EFFECT									
No	X	Y #	N=1 N=2 N=3 N=4 FRASER	MIXED-P	N=1	N=2	APP. R	ESIST O	N=3	N=4	HM.M	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
158#	-15500	16000#	5.8 8.8			480.5		880.5				
159#	-15750	16000#	5.1 9.7 7.26	5.71	367.5		748.4			582.62	575.2	
160#	-16000	16000#	10.4 7.5			614.4		685.3				
161#	-16250	16000#	7.7 8.4 8.13	6.18	333.1		601			596.65	555.82	
162#	-16500	16000#	6.3 7.7			421.1		957.1				
163#	-16750	16000#	5.5 7.4 6.74	7.67	503.4		735			620.98	591.47	
164#	-17000	16000#	6.9			769.5						
165#	-17250	16000#	5.7 7.6 6.58	6.23	574.2		691			638.21	466.09	
166#	-17500	16000#	7.9 5.8			662.3		486.2				
167#	-17750	16000#	5.1				467.1					
168#	-18000	16000#	4.8 5.9			281.4		451.7				
169#	-18250	16000#	5.9 4.8 6.41	6.94	325.4		302.4			378.12	465.62	
170#	-18500	16000#	10.7 6.9			333.1		430.7				
171#	-18750	16000#	4.4 6.5 6.67	5.29	258.4		537.9			377.56	337.13	
172#	-19000	16000#	7.8 7.7			459.4		407.7				
173#	-19250	16000#	2.4 6.0 5.80	6.16	201		377.1			341.36	309.13	
174#	-19500	16000#	4.8 8.7			183.8		509.2				
175#	-19750	16000#	3.8 7.7 5.91	6.12	139.7		266.1			279.23	361.53	
176#	-20000	16000#	5.2			216.3						
177#	-20250	16000#	5.8 7.8 6.56	6.08	185.7		287.1			302.28	249.08	
178#	-20500	16000#	6.3 6.8			243.1		484.3				
179#	-20750	16000#	5.7 6.7 6.55	7.33	130.2		447.9			269.97	263.43	
180#	-21000	16000#	7.2 6.6			248.8		386.7				
181#	-21250	16000#	5.4 6.6 6.83	6.22	214.4		235.4			274.68	265.83	
182#	-21500	16000#	8.6 6.7			191.4		269.9				
183#	-21750	16000#	4.4 8.7 6.36	6.13	189.5		241.2			255.78	362.01	
184#	-22000	16000#	5.8			243.1		283.3				
185#	-22250	16000#	4.8 6.3 6.06	7.01	218.2		447.9			298.77	331.86	
186#	-22500	16000#	6.0 6.7			465.1		292.9				
187#	-22750	16000#	17.4 5.3 8.28	6.05	792.5		333.1			448.79	224.43	
188#	-23000	16000#	2.8			187.6						
189#	-23250	16000#	4.7 4.8 5.01	7.24	157		229.7			234.96	379.48	
190#	-23500	16000#	4.8 4.9			206.7		442.2				
191#	-23750	16000#	4.9 6.2 5.30	5.39	202.9		195.2			250.04	190.94	
192#	-24000	16000#	4.2 6.6			212.5		264.2				
193#	-24250	16000#	5.3 6.8 5.68	5.9	97.6		308.2			199.43	170.12	
194#	-24500	16000#	6.3 6.1			153.1		323.5				
195#	-24750	16000#	4.8 5.2 5.83	5.95	141.6		185.7			181.44	221.32	
196#	-25000	16000#	4.9 6.8			179.9		120.6				
197#	-25250	16000#	7.6 5.7 6.70	5.48	155		124.4			158.87	213.91	
198#	-25500	16000#	6.8 8.7			107.2		137.8				
199#	-25750	16000#	2.8 7.7 5.61	5.63	122.5		118.7			152.01	245.25	
200#	-26000	16000#	6.7			145.5						
201#	-26250	16000#	6.2 5.0 6.03	5.55	130.2		354.1			217.34	162.94	
202#	-26500	16000#	4.7 4.9			357.9		222.0				
203#	-26750	16000#	4.7 5.2 5.16	7.27	168.4		258.4			248.52	161.75	
204#	-27000	16000#	5.7 5.2			147.4		371.3				
205#	-27250	16000#	7.2 6.7 6.41	3.5	97.6		239.3			196.6	593.15	
206#	-27500	16000#	7.2 5.2			185.7		273.7				
207#	-27750	16000#	1.4 6.7 4.34	4.51	459.4		239.3			440.49	262.48	
208#	-28000	16000#	3.1 7.7			614.4		239.3				
209#	-28250	16000#	2.4 3.3 3.75	3.85	237.4		830.7			442.89	464.66	
210#	-28500	16000#	3.2 2.9			405.8		980.0				
211#	-28750	16000#	4.1 2.5 3.42	3.86	507.2		509.2			579.35	512.99	
212#	-29000	16000#	2.5			616.4						

[illegible]

NORTH REGIONAL 200N 500 FEET ??-??-?? ENVELOP
IP 317.5W-230E LENGTH 54750 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT										APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	23000	20000#				5.2								346.5			
2#	22750	20000#			4.4							294.8					
3#	22500	20000#		3.2		5.4					321.6		599.1				
4#	22250	20000#	3.1		3.7					122.5		467.1					
5#	22000	20000#		2.1		3.8					214.4		633.6				
6#	21750	20000#	1.9		2.3		2.62		2.65	74.7		329.2			272.45	203.38	
7#	21500	20000#		1.5		2.5					145.5		252.7				
8#	21250	20000#	1.4		2.5		1.81		3.04	68.9		224			200.19	239.03	
9#	21000	20000#		0.5							130.2						
10#	20750	20000#	1.5		1.4		1.99		2.8	91.9		206.7			153.69	216.78	
11#	20500	20000#		1.4		1.9					178		135.9				
12#	20250	20000#	1.9		3.4		2.68		2.49	120.6		124.4			145.79	159.11	
13#	20000	20000#		2.4		4.9					109.1		162.7				
14#	19750	20000#	2.9		3.8		3.26		3.48	90		153.1			131.68	146.67	
15#	19500	20000#		2.9		5.2					143.6		174.2				
16#	19250	20000#	4.4		3.8		4.26		3.29	97.6		174.2			139.49	101.45	
17#	19000	20000#		5.3		3.3					139.7		166.5				
18#	18750	20000#	3.8		4.7		4.42		4.49	63.2		143.6			115.97	137.1	
19#	18500	20000#		4.3		4.3					74.7		143.6				
20#	18250	20000#	8.6		5.7		5.30		3.95	74.7		78.5			115.09	154.81	
21#	18000	20000#		3.8							95.7						
22#	17750	20000#	1.4		4.2		3.37		5.01	70.8		162.7			136.3	158.87	
23#	17500	20000#		1.9		3.3					143.6		206.7				
24#	17250	20000#	2.8		4.7		3.91		4.86	91.9		189.5			177.14	169.64	
25#	17000	20000#		3.3		5.4					145.5		283.3				
26#	16750	20000#	3.8		6.3		5.02		4.85	112.9		224			205.77	444.32	
27#	16500	20000#		6.2		6.7					195.2		350.3				
28#	16250	20000#	4.9		6.8		5.99		5.15	289		321.6			371.58	346.22	
29#	16000	20000#		6.7		6.8					514.9		338.8				
30#	15750	20000#	6.6		5.9		6.84		6.79	438.3		591.5			527.03	479.25	
31#	15500	20000#		8.0		6.2					568.5		880.5				
32#	15250	20000#	8.1		8.1		7.56		7.38	403.9		901.6			632.54	567.78	
33#	15000	20000#		8.3							750.3						
34#	14750	20000#	8.3		8.4		7.91		7.6	750.3		836.5			786.23	560.13	
35#	14500	20000#		8.4		6.8					842.2		851.8				
36#	14250	20000#	6.7		8.3		7.75		8.05	557		828.8			688.13	741.97	
37#	14000	20000#		8.1		7.4					578.1		495.8				
38#	13750	20000#	7.1		8.3		8.03		7.14	470.9		692.9			639.44	606.78	
39#	13500	20000#		9.0		9.0					643.2		750.3				
40#	13250	20000#	6.4		9.3		7.63		7.35	424.9		717.8			579.35	594.58	
41#	13000	20000#		7.7		8.2					513		821.2				
42#	12750	20000#	7.6		6.2		7.65		7.39	359.9		562.8			522.56	449.82	
43#	12500	20000#		7.8		6.7					390.5		558.9				
44#	12250	20000#	7.2		6.4		7.10		9.66	287.1		424.9			420	453.89	
45#	12000	20000#		7.2							340.7						
46#	11750	20000#	5.7		6.8		8.76		5.89	197.2		308.2			324.29	358.18	
47#	11500	20000#		25.0		6.9							405.8				

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
48#	11250	20000#	3.9	5.7		7.63		5.63	134			300.5		229.7	272.77
49#	11000	20000#		3.9	7.3						195.2		279.5		
50#	10750	20000#	5.3	5.2		5.16		7.7	103.4			225.9		199.59	231.85
51#	10500	20000#		5.2	4.7						141.6		248.8		
52#	10250	20000#	5.2	3.8		5.10		5.22	141.6			164.6		199.83	422.07
53#	10000	20000#		4.2	4.8						176.1		250.8		
54#	9750	20000#	3.9	5.7		4.52		4.48	980			283.3		473.11	341.91
55#	9500	20000#		5.3	5.4						444.1		317.7		
56#	9250	20000#	1.8	3.8		3.83		3.73	304.3			541.7		401.49	429.96
57#	9000	20000#		3.7							405.8				
58#	8750	20000#	1.3	3.3		3.29		4.32	264.2			557		442.01	473.99
59#	8500	20000#		3.2	4.1						402		679.5		
60#	8250	20000#	2.0	2.7		3.65		4	333.1			547.4		541.38	524.48
61#	8000	20000#		3.9	5.9						555.1		656.6		
62#	7750	20000#	2.1	5.5		4.02		4.16	415.4			692.9		612.01	663.73
63#	7500	20000#		4.1	5.6						589.6		928.4		
64#	7250	20000#	3.9	5.5		4.89		3.92	434.5			784.8		674.98	560.84
65#	7000	20000#		4.7	6.1						670		876.7		
66#	6750	20000#	2.7	5.5		4.83		5.44	390.5			784.8		673.62	645.55
67#	6500	20000#		6.0	5.3						497.7		1064.3		
68#	6250	20000#	4.4	5.8		5.61		5.38	396.2			721.6		674.18	721.39
69#	6000	20000#		5.6							625.9				
70#	5750	20000#	4.0	6.5		5.76		6.28	503.4			924.5		742.45	656.31
71#	5500	20000#		5.8	7.6						823.1		844.1		
72#	5250	20000#	5.7	7.0		6.79		5.86	717.8			696.7		754.73	675.45
73#	5000	20000#		8.6	7.8						503.4		974.3		
74#	4750	20000#	7.5	7.0		7.22		6.19	415.4			696.7		631.55	668.28
75#	4500	20000#		6.7	7.0						668		777.1		
76#	4250	20000#	6.6	6.5		6.52		7.65	438.3			725.5		619.11	772.84
77#	4000	20000#		6.6	5.4						547.4		679.5		
78#	3750	20000#	8.6	4.8		7.01		7.34	1076			536		806.65	836.24
79#	3500	20000#		6.9	6.8						861.4		679.5		
80#	3250	20000#	5.1	7.5		6.69		6.37	637.4			941.8		813.83	794.13
81#	3000	20000#		9.0							899.6				
82#	2750	20000#	4.2	7.2		6.44		5.13	522.6			1192.5		838.24	592.67
83#	2500	20000#		4.4	9.5						880.5		1182.9		
84#	2250	20000#	3.8	6.5		5.49		5.64	419.2			934.1		721.07	585.73
85#	2000	20000#		5.3	7.1						534		890.1		
86#	1750	20000#	3.8	5.1		5.18		4.91	290.9			568.5		540.71	665.4
87#	1500	20000#		5.1	4.5						367.5		505.3		
88#	1250	20000#	4.3	4.3		4.68		5.96	197.2			356		425.5	668.51
89#	1000	20000#		3.4	4.4						229.7		627.8		
90#	750	20000#	3.3	4.4		4.19		4.64	166.5			440.3		414.25	422.07
91#	500	20000#		3.8	5.9						317.7		982.0		
92#	250	20000#	2.4	5.9		4.01		4.11	149.3			738.9		426.69	303.63
93#	0	20000#		3.2							405.8				
94#	-250	20000#	3.4	4.4		4.34		4.44	197.2			317.7		398.94	431.88
95#	-500	20000#		3.4	5.3						187.6		480.5		
96#	-750	20000#	3.8	5.6		4.74		5.13	172.3			296.7		358.66	653.92
97#	-1000	20000#		6.9	4.9						346.5		490.0		
98#	-1250	20000#	4.9	4.1		5.50		5.2	352.2			591.5		540.03	437.86
99#	-1500	20000#		5.4	5.7						679.5		809.7		
100#	-1750	20000#	4.9	7.1		5.56		6.21	350.3			1018.3		600.08	559.41
101#	-2000	20000#		7.0	5.1						583.8		857.5		
102#	-2250	20000#	6.3	5.6		6.51		4.89	784.8			509.2		768.37	750.11

*****	*****						*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M	
No	X	Y #	N=1	N=2	N=3	N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
103#	-2500	20000#	7.4	6.2					740.8		691.0		
104#	-2750	20000#	2.7	7.9		5.24	5.63	532.1		993.4		797.4	803.22
105#	-3000	20000#	3.6						905.4				
106#	-3250	20000#	2.4	6.2		4.90	4.51	470.9		1232.7		839.75	612.05
107#	-3500	20000#	4.1	7.3					823.1		1219.3		
108#	-3750	20000#	2.0	6.1		4.47	4.58	396.2		872.8		741.33	636.21
109#	-4000	20000#	4.5	6.4					449.8		1062.3		
110#	-4250	20000#	2.9	4.7		4.60	4.01	287.1		585.7		594.46	630.23
111#	-4500	20000#	5.8	4.1					446		825.0		
112#	-4750	20000#	4.4	4.7		4.48	5.11	313.9		671.9		548.04	666.12
113#	-5000	20000#	4.0	3.1					576.2		624.0		
114#	-5250	20000#	4.6	3.1		4.11	5.23	459.4		516.8		540.35	474.47
115#	-5500	20000#	4.2	4.1					382.8		591.5		
116#	-5750	20000#	5.9	3.9		4.63	4.06	310.1		438.3		408.75	541.7
117#	-6000	20000#	5.2						304.3				
118#	-6250	20000#	3.9	3.3		4.21	3.28	281.4		335		405.88	435.47
119#	-6500	20000#	4.4	6.1					493.8		438.3		
120#	-6750	20000#	3.0	3.4		3.33	3.79	333.1		380.9		414.01	382.59
121#	-7000	20000#	2.5	3.2					224		645.1		
122#	-7250	20000#	3.9	2.3		3.30	3.57	149.3		388.6		347.46	447.19
123#	-7500	20000#	3.0	2.1					248.8		704.4		
124#	-7750	20000#	3.4	2.8		3.19	3.92	243.1		467.1		420.83	355.79
125#	-8000	20000#	4.0	3.5					442.2		580.0		
126#	-8250	20000#	3.0	3.2		3.17	4.05	373.3		532.1		476.22	358.66
127#	-8500	20000#	3.3	3.6					413.5		599.1		
128#	-8750	20000#	4.8	3.0		4.26	3.96	321.6		428.8		410.19	465.38
129#	-9000	20000#	5.6						350.3				
130#	-9250	20000#	5.4	4.8		4.87	4.18	317.7		344.5		397.18	420.15
131#	-9500	20000#	5.4	5.2					338.8		327.3		
132#	-9750	20000#	5.3	4.7		4.93	4.07	231.6		361.8		364.17	380.2
133#	-10000	20000#	5.3	4.3					266.1		717.8		
134#	-10250	20000#	4.2	4.2		4.36	4.12	183.8		593.4		357.23	259.61
135#	-10500	20000#	5.6	3.8					428.8		423.0		
136#	-10750	20000#	3.7	2.4		3.71	4.47	218.2		348.4		344.83	250.51
137#	-11000	20000#	2.8	2.7					214.4		384.7		
138#	-11250	20000#	3.4	3.3		3.31	4.23	147.4		254.6		241.66	479.73
139#	-11500	20000#	3.3	3.8					195.2		237.4		
140#	-11750	20000#	2.4	4.3		3.47	3.26	197.2		195.2		313.44	273
141#	-12000	20000#	3.4						245				
142#	-12250	20000#	1.9	4.9		3.57	3.65	93.8		547.4		302.36	304.11
143#	-12500	20000#	4.0	5.3					304.3		890.1		
144#	-12750	20000#	2.4	4.0		4.05	4.04	222		398.1		378.92	251.95
145#	-13000	20000#	4.3	3.8					310.1		254.6		
146#	-13250	20000#	3.9	4.8		4.48	5.3	204.8		206.7		336.85	539.55
147#	-13500	20000#	3.8	6.0					141.6		662.3		
148#	-13750	20000#	5.7	5.6		5.57	4.53	229.7		467.1		439.89	513.95
149#	-14000	20000#	7.2	5.6					895.8		430.7		
150#	-14250	20000#	4.8	7.1		5.52	3.7	480.5		888.2		587.8	236.88
151#	-14500	20000#	5.4	5.5					536		614.4		
152#	-14750	20000#	4.9	3.2		4.29	5.62	271.8		402		403.09	696.75
153#	-15000	20000#	1.5						183.8				
154#	-15250	20000#	3.5	2.4		3.90	5.05	313.9		158.9		478.78	662.53
155#	-15500	20000#	4.8	2.7					300.5		447.9		
156#	-15750	20000#	2.5	5.5		4.11	3.49	176.1		909.2		611.09	434.03
157#	-16000	20000#	3.0	7.7					591.5		1544.7		

*****	*****						*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M		
No	X	Y #	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****
158#	-16250	20000#	1.8	5.3		3.96		4.42	258.4		1052.8		662.77	228.74
159#	-16500	20000#	4.6	6.8						513		1353.3		
160#	-16750	20000#	5.2	5.1		5.35		4.06	201		639.3		598.97	472.08
161#	-17000	20000#	4.8	2.7						283.3		547.4		
162#	-17250	20000#	8.3	6.8		5.81		7.27	459.4		252.7		535.64	773.79
163#	-17500	20000#	5.7							438.3				
164#	-17750	20000#	9.4	2.9		7.16		7.49	495.8		224		541.62	698.18
165#	-18000	20000#	9.0							271.8				
166#	-18250	20000#	7.3	7.2		8.04		6.11	220.1		1035.6		615.16	428.29
167#	-18500	20000#	9.2	9.7						916.9		1075.7		
168#	-18750	20000#	5.2	10.1		7.27		6.02	327.3		1008.8		647.3	174.67
169#	-19000	20000#	6.6	8.5						442.2		704.4		
170#	-19250	20000#	5.7	4.9		6.37		6.49	124.4		306.3		382.15	760.39
171#	-19500	20000#	2.9	7.4						99.5		616.4		
172#	-19750	20000#	5.9	5.2		5.88		7.86	532.1		185.7		501.47	669.95
173#	-20000	20000#	6.6	7.6						736.9		135.9		
174#	-20250	20000#	7.6	7.1		6.90		5.2	424.9		1010.7		552.23	329.47
175#	-20500	20000#	7.9	5.3						656.6		761.8		
176#	-20750	20000#	4.7	5.5		5.73		7.14	312		551.3		431.72	524.71
177#	-21000	20000#	5.2							237.4				
178#	-21250	20000#	7.2	4.3		6.36		6.5	557		214.4		476.7	541.94
179#	-21500	20000#	6.7	5.3						518.7		229.7		
180#	-21750	20000#	4.4	6.9		6.05		6.13	400.1		574.2		471.6	485.95
181#	-22000	20000#	6.2	9.3						516.8		583.8		
182#	-22250	20000#	4.8	6.9		6.58		4.76	298.6		574.2		461.35	353.4
183#	-22500	20000#	10.7	7.3						413.5		729.3		
184#	-22750	20000#	5.2	5.5		6.26		4.81	323.5		553.2		448.55	384.98
185#	-23000	20000#	5.0	4.6						453.7		514.9		
186#	-23250	20000#	3.0	4.7		4.30		5.65	428.8		430.7		457.56	383.31
187#	-23500	20000#	4.0	3.9						501.5		243.1		
188#	-23750	20000#	3.8	3.0		3.72		3.84	380.9		300.5		358.18	446.95
189#	-24000	20000#	3.5							246.9				
190#	-24250	20000#	2.0	2.9		2.75		3.31	248.8		225.9		290.63	424.7
191#	-24500	20000#	2.4	2.9						243.1		317.7		
192#	-24750	20000#	2.0	2.4		2.43		2.7	178		392.4		326.68	242.38
193#	-25000	20000#	2.0	3.2						335		526.4		
194#	-25250	20000#	1.9	2.5		2.31		2.87	118.7		499.6		301.24	190.22
195#	-25500	20000#	1.9	2.8						216.3		557.0		
196#	-25750	20000#	3.3	2.4		2.88		2.58	149.3		262.2		265.19	264.87
197#	-26000	20000#	2.8	3.0						187.6		302.4		
198#	-26250	20000#	2.8	3.8		2.90		3.34	216.3		201		246.21	316.79
199#	-26500	20000#	2.9	2.9						224		168.4		
200#	-26750	20000#	3.9	3.0		3.58		2.88	356		197.2		267.98	269.89
201#	-27000	20000#	4.4							312				
202#	-27250	20000#	2.8	3.7		3.27		3.25	277.6		246.9		243.02	271.09
203#	-27500	20000#	2.8	3.9						233.5		227.8		
204#	-27750	20000#	2.3	4.4		3.15		3.29	225.9		229.7		242.3	239.99
205#	-28000	20000#	4.8	2.3						241.2		195.2		
206#	-28250	20000#	3.8	2.9		3.42		2.16	86.1		224		206.33	214.86
207#	-28500	20000#	1.5	2.4						105.3		394.3		
208#	-28750	20000#	1.4	1.8		2.08		3.33	53.6		204.8		191.73	224.67
209#	-29000	20000#	1.4	6.3						107.2		568.5		
210#	-29250	20000#	1.5	2.0		2.21		1.93	97.6		327.3		256.58	161.51
211#	-29500	20000#	2.5	1.8						361.8		262.2		
212#	-29750	20000#	2.5	2.0		2.41		2.21	204.8		325.4		272.05	182.8

*****	*****						*****	*****	*****	*****	*****	*****
#	FREQ. EFFECT								APP. R	ESIST O	HM.M	
No X	Y #	N=1	N=2	N=3	N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****
213#	-30000	20000#	1.8					229.7				
214#	-30250	20000#	3.4	1.5	2.34	3.28	210.6		168.4		198.59	338.32
215#	-30500	20000#	2.4	1.4				183.8		111.0		
216#	-30750	20000#	2.4	2.4	2.16	2.09	222		143.6		180.73	233.05
217#	-31000	20000#	1.8	2.4				227.8		120.6		
218#	-31250	20000#	1.9	2.5	1.99	2.12	120.6		225.9		162.3	191.41
219#	-31500	20000#	1.5					147.4				
220#	-31750	20000#	2.5						306.3			
*****	*****						*****	*****	*****	*****	*****	*****

AFT ER THE FRAISER AND MIXED-PLOT FILTERES

NORTH REGIONAL 240S 500 FEET ??-??-?? ENVELOPE
 IP 280W-237.5E LENGTH 51750 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
 TRAVERSES INCREASE SOUTH =-Y

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	23750	24000#			7.2							111			
2#	23500	24000#			6.0		7.2				90		130.2		
3#	23250	24000#	5.7		7.1				78.5			114.8			
4#	23000	24000#		7.1		8.1					114.8		105.3		
5#	22750	24000#	5.2		7.7				63.2			118.7			
6#	22500	24000#		6.7		6.7					84.2		97.6		
7#	22250	24000#	5.3		7.2			6.21	5.17	70.8		72.7			87.65 90.92
8#	22000	24000#		5.8							67				
9#	21750	24000#	2.4		4.8			4.51	4.87	59.3		78.5			78.8 82.79
10#	21500	24000#		3.8		5.3					67		139.7		
11#	21250	24000#	2.4		4.8			3.48	3.84	36.4		47.9			74.25 58.62
12#	21000	24000#		2.9		3.8					76.6		130.2		
13#	20750	24000#	1.9		2.9			2.82	2.63	32.5		88.1			63.65 62.69
14#	20500	24000#		1.9		2.9					47.9		82.3		
15#	20250	24000#	0.9		2.4			2.08	3.32	49.8		42.1			61.21 80.87
16#	20000	24000#		1.9		2.4					44		49.8		
17#	19750	24000#	1.9		2.4			2.21	1.91	44		57.4			59.42 78.96
18#	19500	24000#		2.0		2.4					65.1		84.2		
19#	19250	24000#	1.0		2.4			1.78	1.87	45.9		101.4			70.03 55.99
20#	19000	24000#		2.4							84.2				
21#	18750	24000#	1.9		1.0			1.76	1.52	44		74.7			70.34 84.94
22#	18500	24000#		1.4		1.4					45.9		111.0		
23#	18250	24000#	1.0		1.0			1.15	1.63	26.8		53.6			77.76 114.61
24#	18000	24000#		0.9		1.5					36.4		91.9		
25#	17750	24000#	1.4		0.5			1.10	1.32	26.8		68.9			97.14 80.15
26#	17500	24000#		0.5		2.0					59.3		329.2		
27#	17250	24000#	0.5		0.5			0.97	1.32	17.2		130.2			114.05 64.6
28#	17000	24000#		1.0		1.5					122.5		386.7		
29#	16750	24000#	1.0		1.9			1.38	1.01	44		170.4			133.35 68.43
30#	16500	24000#		1.9		1.9					84.2		91.9		
31#	16250	24000#	1.0		1.4			1.42	2.01	51.7		49.8			104.96 204.1
32#	16000	24000#		0.4							42.1				
33#	15750	24000#	2.7		1.4			2.15	2.2	101.4		84.2			144.44 220.13
34#	15500	24000#		1.8		2.4					204.8		132.1		
35#	15250	24000#	2.0		3.0			2.46	1.89	103.4		336.9			217.26 83.03
36#	15000	24000#		1.5		4.0					216.3		363.7		
37#	14750	24000#	1.9		3.8			2.46	2.51	47.9		250.8			178.25 117
38#	14500	24000#		1.9		4.0					67		497.7		
39#	14250	24000#	0.9		1.9			2.38	2.61	63.2		158.9			155.8 143.08
40#	14000	24000#		2.4		2.8					168.4		105.3		
41#	13750	24000#	2.9		1.9			3.03	2.47	111		120.6			148.19 131.84
42#	13500	24000#		3.9		4.8					91.9		95.7		
43#	13250	24000#	2.9		2.9			2.88	2.66	67		76.6			84.14 184

*****	*****						*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
44#	13000	24000#		2.8							59.3			
45#	12750	24000#	3.4		2.9			2.78	2.28	61.3		70.8		95.63 97.14
46#	12500	24000#		2.4		0.5					88.1		112.9	
47#	12250	24000#	1.9		1.0			1.86	2.52	51.7		158.9		104.16 89.73
48#	12000	24000#		0.9		3.4					103.4		227.8	
49#	11750	24000#	0.4		2.5			1.40	2.44	90		155		120.07 101.45
50#	11500	24000#		2.4		1.4					151.2		82.3	
51#	11250	24000#	2.4		1.9			2.26	1.49	124.4		80.4		123.66 136.62
52#	11000	24000#		1.9		1.4					82.3		103.4	
53#	10750	24000#	3.4		2.4			2.42	3	109.1		107.2		121.31 171.79
54#	10500	24000#		1.5		2.9					164.6		143.6	
55#	10250	24000#	2.3		3.9			2.65	3.2	97.6		241.2		153.61 105.76
56#	10000	24000#		2.0							179.9			
57#	9750	24000#	1.9		3.8			3.44	3.47	88.1		210.6		151.62 165.81
58#	9500	24000#		3.4		5.2					116.8		227.8	
59#	9250	24000#	2.9		4.4			4.44	4.12	124.4		128.2		173.95 225.87
60#	9000	24000#		3.4		7.3					168.4		158.9	
61#	8750	24000#	3.8		5.7			5.06	4.43	126.3		220.1		211.19 242.38
62#	8500	24000#		4.2		8.2					201		340.7	
63#	8250	24000#	3.3		6.6			5.27	4.51	137.8		348.4		258.09 209.36
64#	8000	24000#		4.9		7.7					269.9		478.5	
65#	7750	24000#	3.8		5.6			5.47	5.19	189.5		432.6		305.7 237.59
66#	7500	24000#		5.6		5.8					329.2		323.5	
67#	7250	24000#	4.8		4.7			5.46	6.11	268		277.6		320.86 313.68
68#	7000	24000#		5.3							250.8			
69#	6750	24000#	7.6		4.8			6.08	5.59	218.2		281.4		297.97 399.82
70#	6500	24000#		5.7		6.1					273.7		382.8	
71#	6250	24000#	3.9		6.5			5.27	5.04	245		407.7		359.54 281.62
72#	6000	24000#		5.7		5.5					380.9		461.3	
73#	5750	24000#	4.2		5.8			5.05	3.81	212.5		444.1		345.58 300.28
74#	5500	24000#		4.9		5.6					231.6		620.2	
75#	5250	24000#	3.4		3.8			4.03	4.51	189.5		346.5		325.96 339.76
76#	5000	24000#		2.9		3.9					292.9		392.4	
77#	4750	24000#	3.0		3.1			3.22	3.47	212.5		384.7		341.75 378.52
78#	4500	24000#		2.4		3.3					348.4		367.5	
79#	4250	24000#	1.4		2.0			2.33	3.18	155		390.5		348.53 422.79
80#	4000	24000#		2.0							225.9			
81#	3750	24000#	0.9		1.5			2.17	2.58	128.2		495.8		396.23 341.2
82#	3500	24000#		2.0		3.3					340.7		825.0	
83#	3250	24000#	1.5		3.1			2.43	3.04	168.4		610.6		434.59 307.22
84#	3000	24000#		2.5		4.2					312		830.7	
85#	2750	24000#	1.8		2.7			3.23	3.19	229.7		451.7		417 445.28
86#	2500	24000#		4.3		3.1					308.2		516.8	
87#	2250	24000#	3.9		7.7			4.00	3.31	296.7		348.4		426.81 588.12
88#	2000	24000#		3.4		2.3					377.1		459.4	
89#	1750	24000#	3.0		3.8			3.95	4.08	424.9		547.4		515.86 662.29
90#	1500	24000#		4.6		4.7					664.2		668.0	
91#	1250	24000#	3.1		4.9			4.01	4.21	513		813.5		689.41 465.38
92#	1000	24000#		3.5							702.5			
93#	750	24000#	2.8		5.2			4.19	3.52	346.5		1047		648.74 484.28
94#	500	24000#		4.9		5.7					610.6		1148.5	

*****	*****						*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****
95#	250	24000#	3.0	4.9		4.11			4.08	373.3		704.4		574.24 510.36
96#	0	24000#	3.9	3.9							488.1		394.3	
97#	-250	24000#	3.2	3.6		4.03			4.82	359.9		513		475.74 453.65
98#	-500	24000#	3.9	3.8							392.4		315.8	
99#	-750	24000#	3.7	4.3		4.31			4.73	310.1		388.6		361.02 579.27
100#	-1000	24000#	4.9	5.4							325.4		411.5	
101#	-1250	24000#	3.4	5.3		4.70			3.87	245		354.1		306.42 359.38
102#	-1500	24000#	6.7	5.8							279.5		304.3	
103#	-1750	24000#	3.4	4.2		4.53			4.01	224		260.3		297.73 412.98
104#	-2000	24000#	2.4								220.1			
105#	-2250	24000#	3.7	4.7		4.07			4.41	310.1		296.7		375.65 389.77
106#	-2500	24000#	4.3	5.2							285.2		524.5	
107#	-2750	24000#	2.9	3.3		3.86			3.64	143.6		557		415.45 295.97
108#	-3000	24000#	3.7	4.4							333.1		876.7	
109#	-3250	24000#	1.9	4.1		3.34			2.83	137.8		585.7		404.84 328.51
110#	-3500	24000#	2.5	3.9							277.6		786.7	
111#	-3750	24000#	1.4	3.7		2.84			3.45	229.7		407.7		416.25 442.41
112#	-4000	24000#	3.7	4.9							367.5		449.8	
113#	-4250	24000#	2.3	1.3		3.01			3.48	384.7		432.6		462.58 535.48
114#	-4500	24000#	3.6	2.2							509.2		436.4	
115#	-4750	24000#	2.0	2.3		3.17			3.77	409.6		568.5		502.78 559.65
116#	-5000	24000#	5.0								497.7			
117#	-5250	24000#	3.9	3.2		3.87			3.59	352.2		536		550.48 491.46
118#	-5500	24000#	3.4	5.2							424.9		870.9	
119#	-5750	24000#	2.8	5.4		3.97			3.6	281.4		771.4		564.59 482.36
120#	-6000	24000#	4.5	3.9							568.5		982.0	
121#	-6250	24000#	4.1	5.5		4.34			2.58	369.4		781		588.4 390.49
122#	-6500	24000#	3.7	4.0							608.7		499.6	
123#	-6750	24000#	2.0	4.0		3.01			3.76	290.9		402		472.12 530.94
124#	-7000	24000#	1.4	3.7							235.4		624.0	
125#	-7250	24000#	1.5	2.0		2.38			2.91	134		409.6		330.83 437.86
126#	-7500	24000#	2.3	2.8							289		472.8	
127#	-7750	24000#	1.4	1.9		2.14			2.56	158.9		373.3		298.13 215.34
128#	-8000	24000#	1.5								212.5			
129#	-8250	24000#	1.9	2.4		2.21			2.52	86.1		187.6		191.57 255.06
130#	-8500	24000#	1.9	2.8							82.3		281.4	
131#	-8750	24000#	2.4	2.9		2.54			2.04	61.3		132.1		135.11 227.78
132#	-9000	24000#	2.4	2.9							128.2		151.2	
133#	-9250	24000#	1.0	2.8		2.20			2.29	88.1		157		152.09 151.46
134#	-9500	24000#	1.9	3.0							137.8		212.5	
135#	-9750	24000#	2.4	2.8		2.43			2.43	88.1		201		156.88 182.08
136#	-10000	24000#	2.0	2.5							151.2		250.8	
137#	-10250	24000#	2.4	2.4		2.46			2.48	118.7		201		182.64 149.54
138#	-10500	24000#	2.3	2.4							193.3		220.1	
139#	-10750	24000#	1.9	2.8		2.36			2.86	101.4		233.5		178.02 207.92
140#	-11000	24000#	2.0								151.2			
141#	-11250	24000#	3.3	2.8		2.89			2.94	143.6		235.4		207.21 214.14
142#	-11500	24000#	2.3	3.1							258.4		174.2	
143#	-11750	24000#	3.8	3.8		3.33			2.99	141.6		210.6		224.75 211.99
144#	-12000	24000#	2.9	3.3							143.6		367.5	
145#	-12250	24000#	3.3	4.4		3.34			3.53	103.4		273.7		215.58 328.04

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
146#	-12500	24000#		2.4		3.3					202.9		407.7		
147#	-12750	24000#	2.8		3.8		3.41		3.43	185.7		319.7			295.7 176.82
148#	-13000	24000#		4.0		3.9					333.1		321.6		
149#	-13250	24000#	4.3		3.5		3.85		3.44	153.1		352.2			288.4 412.74
150#	-13500	24000#		2.9		4.5					172.3		558.9		
151#	-13750	24000#	2.8		4.0		3.51		3.95	201		283.3			386.1 421.83
152#	-14000	24000#		3.3							369.4				
153#	-14250	24000#	2.9		3.6		3.83		3.54	268		727.4			508.21 386.42
154#	-14500	24000#		3.6		4.9					606.8		974.3		
155#	-14750	24000#	3.2		4.4		3.96		3.39	321.6		882.4			571.61 431.16
156#	-15000	24000#		4.4		5.3					547.4		403.9		
157#	-15250	24000#	3.0		4.0		3.75		3.74	369.4		574.2			547.76 636.21
158#	-15500	24000#		3.8		3.6					478.5		601.0		
159#	-15750	24000#	4.1		3.4		3.89		4.1	513		574.2			576.88 692.68
160#	-16000	24000#		4.3		2.2					715.9		547.4		
161#	-16250	24000#	3.9		3.6		3.65		4.21	551.3		723.5			621.46 657.03
162#	-16500	24000#		3.6		3.7					601		740.8		
163#	-16750	24000#	3.3		3.8		3.64		3.96	218.2		641.2			618.51 663.73
164#	-17000	24000#		3.8							289				
165#	-17250	24000#	3.3		4.3		3.97		4	151.2		1085.3			673.7 544.1
166#	-17500	24000#		3.8		5.1					639.3		1694.0		
167#	-17750	24000#	2.9		4.4		4.29		4.92	365.6		1089.1			765.5 462.27
168#	-18000	24000#		3.8		4.9					754.2		987.7		
169#	-18250	24000#	3.3		6.1		5.03		6.99	551.3		677.6			698.82 793.17
170#	-18500	24000#		5.9		6.5					532.1		465.1		
171#	-18750	24000#	7.2		6.2		7.27		5.74	1200		325.4			777.14 985.31
172#	-19000	24000#		7.9		9.3					662.3		467.1		
173#	-19250	24000#	6.1		9.5		7.86		7.18	551.3		949.4			629.75 708.47
174#	-19500	24000#		8.7		10.1					865.2		721.6		
175#	-19750	24000#	6.7		9.6		8.54		7.9	513		683.3			636.77 449.35
176#	-20000	24000#		8.6							451.7				
177#	-20250	24000#	8.6		8.6		9.05		7.93	208.6		574.2			463.46 601.04
178#	-20500	24000#		8.6		9.5					331.1		731.2		
179#	-20750	24000#	5.7		9.6		7.91		7.67	248.8		482.4			464.74 442.89
180#	-21000	24000#		7.6		9.7					424.9		568.5		
181#	-21250	24000#	4.7		7.5		7.03		5.68	197.2		574.2			427.69 325.17
182#	-21500	24000#		5.7		8.4					300.5		765.7		
183#	-21750	24000#	3.4		7.2		5.63		7.04	153.1		447.9			366.48 403.17
184#	-22000	24000#		4.7		6.9					294.8		532.1		
185#	-22250	24000#	4.8		4.8		5.57		5.5	158.9		398.1			332.9 325.4
186#	-22500	24000#		5.8		4.8					264.2		300.5		
187#	-22750	24000#	3.9		4.7		4.82		5	160.8		235.4			273.48 394.55
188#	-23000	24000#		4.7							181.8				
189#	-23250	24000#	3.8		4.3		4.20		3.97	153.1		214.4			282.02 348.37
190#	-23500	24000#		3.9		4.9					231.6		449.8		
191#	-23750	24000#	2.8		3.5		3.30		3.14	134		503.4			333.14 223.24
192#	-24000	24000#		2.5		3.6					363.7		601.0		
193#	-24250	24000#	1.9		2.0		2.42		3.11	118.7		503.4			318.23 267.26
194#	-24500	24000#		1.4		3.0					204.8		430.7		
195#	-24750	24000#	1.5		1.4		2.11		3.22	145.5		193.3			284.69 391.92
196#	-25000	24000#		1.9		2.4					149.3		398.1		

[illegible]

AFT ER THE FRAISER AND MIXED-PLOT FILTERES

NORTH REGIONAL 0280N 500 FEET ??-??-?? ENVELOP
 IP 287.5W-242.5E LENGTH 53000 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
 TRAVERSES INCREASE SOUTH =-Y

*****	*****							*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	24250	28000#	2.2							15.3						
2#	24000	28000#		2.3							28.7					
3#	23750	28000#	1.0		0.6					19.1		34.5				
4#	23500	28000#		1.1		1.9					11.5		44.0			
5#	23250	28000#	1.6		0.8					17.2		32.5				
6#	23000	28000#		1.5							44					
7#	22750	28000#	0.8		3.3			2.20	1.22	23		86.1			44.5	22.97
8#	22500	28000#		2.9		5.0					55.5		86.1			
9#	22250	28000#	1.7		3.1			2.42	1.99	21.1		59.3			39.24	49.29
10#	22000	28000#		2.5							21.1		7.7			
11#	21750	28000#	3.6		1.1			2.78	2.78	49.8		28.7			48.73	63.88
12#	21500	28000#		3.5		0.6					80.4		24.9			
13#	21250	28000#	3.4		1.9			2.53	2.79	65.1		63.2			57.86	63.88
14#	21000	28000#		3.0		1.9					63.2		57.4			
15#	20750	28000#	0.4		1.7			1.77	2.34	30.6		67			56.75	63.88
16#	20500	28000#		1.5		3.1					44		76.6			
17#	20250	28000#	1.0		3.4			2.01	1.45	26.8		55.5			65.28	39
18#	20000	28000#		2.7		2.8					40.2		164.6			
19#	19750	28000#	1.2		2.1			2.19	2.07	13.4		134			58.54	38.28
20#	19500	28000#		1.9		2.4					47.9		128.2			
21#	19250	28000#	2.7		2.1			2.49	2.46	30.6		47.9			56.15	43.07
22#	19000	28000#		2.1							38.3		21.1			
23#	18750	28000#	2.9		3.8			2.41	2.29	34.5		15.3			38.12	82.07
24#	18500	28000#		1.3							19.1		26.8			
25#	18250	28000#	2.5		2.1			2.26	1.96	26.8		28.7			39	65.56
26#	18000	28000#		1.7							28.7					
27#	17750	28000#	1.5		2.3			1.78	1.63	28.7		114.8			55.67	32.06
28#	17500	28000#		1.2		2.3					24.9		109.1			
29#	17250	28000#	0.5		1.3			1.26	1.88	19.1		70.8			58.78	48.81
30#	17000	28000#		0.2		2.1					19.1		151.2			
31#	16750	28000#		2.1						19.1		47.9			61.09	63.65
32#	16500	28000#	0.8		1.3						61.3		88.1			
33#	16250	28000#	2.5		5.1			1.93	1.62	45.9		109.1			78.04	63.17
34#	16000	28000#		1.1		1.1					114.8		88.1			
35#	15750	28000#	0.9		1.0			1.71	1.9	59.3		97.6			77.36	75.85
36#	15500	28000#		1.9		1.5					61.3		45.9			
37#	15250	28000#	3.1		3.0			2.01	2.3	74.7		57.4			72.34	97.38
38#	15000	28000#		1.6							74.7					
39#	14750	28000#	2.1		1.5			2.08	1.86	86.1		67			82.39	72.26
40#	14500	28000#		1.9		1.5					84.2		84.2			
41#	14250	28000#	2.1		4.2			2.12	1.52	34.5		122.5			72.5	70.11
42#	14000	28000#		3.0		1.7					59.3		114.8			
43#	13750	28000#	1.1		1.2			1.70	2.43	44		61.3			74.49	53.84

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT							APP. R	ESIST O	HM.M		
No	X	Y #	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
44#	13500	28000#	1.5	1.5						61.3		101.4	
45#	13250	28000#	4.2	0.9		2.34		2.3	19.1		112.9		58.54 64.84
46#	13000	28000#	3.3	0.4						45.9		78.5	
47#	12750	28000#	3.3	1.7		2.19		2.17	28.7		34.5		55.35 71.3
48#	12500	28000#	1.9	2.3						26.8		72.7	
49#	12250	28000#	1.6	1.8		1.82		2.16	17.2		68.9		55.83 89.96
50#	12000	28000#	1.8							53.6			
51#	11750	28000#	0.7	1.9		1.90		1.77	44		78.5		86.54 60.3
52#	11500	28000#	1.7	3.5						109.1		164.6	
53#	11250	28000#	1.3	3.1		2.18		1.63	44		206.7		96.35 106.95
54#	11000	28000#	2.3	2.7						116.8		70.8	
55#	10750	28000#	2.7	2.5		2.36		2.3	245		91.9		153.25 128.01
56#	10500	28000#	2.3	2.5						122.5		72.7	
57#	10250	28000#	3.6	0.8		2.51		2.51	109.1		114.8		117.64 190.94
58#	10000	28000#	2.9	0.5						116.8		134.0	
59#	9750	28000#	1.2	2.0		1.77		2.8	120.6		157		152.89 144.04
60#	9500	28000#	2.3	2.5						210.6		204.8	
61#	9250	28000#	2.7	1.5		2.33		2.56	93.8		298.6		177.62 120.11
62#	9000	28000#	2.4							151.2			
63#	8750	28000#	1.3	2.9		2.64		3.18	76.6		239.3		166.45 138.54
64#	8500	28000#	4.4	3.3						130.2		273.7	
65#	8250	28000#	1.7	3.2		3.65		3.27	107.2		168.4		153.29 183.28
66#	8000	28000#	4.6	4.2						149.3		160.8	
67#	7750	28000#	3.8	5.9		4.49		4.16	164.6		137.8		168.84 244.77
68#	7500	28000#	6.3	5.6						162.7		118.7	
69#	7250	28000#	3.4	3.4		4.62		3.76	155		149.3		190.14 244.53
70#	7000	28000#	3.7	4.9						168.4		258.4	
71#	6750	28000#	1.9	5.3		4.06		4.6	271.8		312		260 238.31
72#	6500	28000#	4.6	5.9						271.8		423.0	
73#	6250	28000#	3.3	5.4		4.50		3.19	195.2		382.8		302.2 213.19
74#	6000	28000#	3.9							323.5			
75#	5750	28000#	2.4	5.6		3.67		4.55	168.4		312		290.55 316.79
76#	5500	28000#	3.1	4.1						179.9		459.4	
77#	5250	28000#	4.8	3.2		4.14		3.96	317.7		264.2		327.08 337.85
78#	5000	28000#	4.3	2.3						204.8		384.7	
79#	4750	28000#	3.4	5.3		3.71		3.76	281.4		589.6		347.94 350.77
80#	4500	28000#	3.5	3.8						440.3		384.7	
81#	4250	28000#	2.4	4.2		3.38		3.38	302.4		302.4		364.72 328.75
82#	4000	28000#	3.7	3.0						218.2		380.9	
83#	3750	28000#	2.0	3.3		3.07		2.64	164.6		277.6		306.66 430.68
84#	3500	28000#	2.6	3.6						235.4		599.1	
85#	3250	28000#	1.8	3.4		2.46		3.35	153.1		560.8		367.52 230.89
86#	3000	28000#	2.0							407.7			
87#	2750	28000#	2.1	2.8		2.69		3.68	132.1		689.1		346.7 205.77
88#	2500	28000#	2.5	1.0						359.9		478.5	
89#	2250	28000#	2.0	0.9		3.29		3.63	222		185.7		259.61 410.11
90#	2000	28000#	1.9	7.5						158.9		99.5	
91#	1750	28000#	2.0	7.7		3.83		4.92	250.8		61.3		248.64 531.89
92#	1500	28000#	4.9	7.1						149.3		157.0	
93#	1250	28000#	7.4	5.1		6.22		1.52	164.6		340.7		347.02 312.01
94#	1000	28000#	3.7	5.9						407.7		840.3	

*****	*****							*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
95#	750	28000#	0.9	5.6		3.76			5.13	153.1		1129		432.92 138.54
96#	500	28000#	1.8	7.7							449.8		641.2	
97#	250	28000#	2.3	2.7		3.73			4.26	166.5		340.7		387.22 365.84
98#	0	28000#	3.9								107.2			
99#	-250	28000#	4.0	2.7		4.25			5.07	444.1		181.8		374.61 588.6
100#	-500	28000#	4.3	4.6							472.8		178.0	
101#	-750	28000#	6.7	5.2		5.34			4.59	476.6		472.8		436.66 375.89
102#	-1000	28000#	6.0	3.8							287.1		478.5	
103#	-1250	28000#	4.0	5.9		4.89			4.61	166.5		650.8		372.06 340.96
104#	-1500	28000#	4.3	6.4							386.7		708.2	
105#	-1750	28000#	4.5	6.1		4.86			4.59	212.5		467.1		384.78 290.23
106#	-2000	28000#	5.5	4.1							273.7		453.7	
107#	-2250	28000#	4.6	4.3		4.75			3.95	231.6		359.9		371.74 379
108#	-2500	28000#	4.0	4.5							367.5		375.2	
109#	-2750	28000#	3.1	3.5		3.66			4.05	237.4		440.3		342.95 349.33
110#	-3000	28000#	4.1								313.9			
111#	-3250	28000#	2.7	3.4		3.04			2.7	170.4		310.1		299.8 323.73
112#	-3500	28000#	2.1	2.7							208.6		442.2	
113#	-3750	28000#	2.2	2.4		2.12			3.4	137.8		304.3		280.02 336.89
114#	-4000	28000#	1.6	2.6							225.9		430.7	
115#	-4250	28000#	2.3	1.3		2.40			2.8	151.2		315.8		321.42 286.4
116#	-4500	28000#	3.8	1.0							539.8		491.9	
117#	-4750	28000#	0.9	3.3		2.23			2.61	306.3		331.1		358.38 296.93
118#	-5000	28000#	2.2	3.0							245		373.3	
119#	-5250	28000#	2.0	2.0		2.68			2.83	164.6		287.1		292.7 369.43
120#	-5500	28000#	3.0	4.8							248.8		398.1	
121#	-5750	28000#	3.1	4.4		3.42			2.79	220.1		396.2		319.58 321.1
122#	-6000	28000#	4.5								407.7			
123#	-6250	28000#	2.1	3.7		3.54			3.14	357.9		336.9		361.93 230.65
124#	-6500	28000#	3.9	2.8							300.5		398.1	
125#	-6750	28000#	2.1	3.8		3.35			3.61	191.4		342.6		256.5 296.69
126#	-7000	28000#	3.5	4.0							231.6		335.0	
127#	-7250	28000#	3.2	4.2		3.43			3.18	160.8		112.9		220.09 244.29
128#	-7500	28000#	2.6	4.3							151.2		179.9	
129#	-7750	28000#	3.3	2.7		3.38			3.37	155		271.8		202.82 280.66
130#	-8000	28000#	3.7	4.6							264.2		229.7	
131#	-8250	28000#	4.0	2.4		3.60			3.13	308.2		220.1		246.92 162.46
132#	-8500	28000#	3.1	3.2							183.8		243.1	
133#	-8750	28000#	2.3	3.8		2.97			3.26	105.3		222		168.21 193.81
134#	-9000	28000#	2.7								143.6			
135#	-9250	28000#	1.0	2.9		2.61			2.51	101.4		114.8		146.51 141.17
136#	-9500	28000#	2.1	3.1							103.4		181.8	
137#	-9750	28000#	1.2	4.7		2.35			2.32	55.5		181.8		110.54 139.49
138#	-10000	28000#	2.0	3.5							103.4		139.7	
139#	-10250	28000#	2.5	2.2		2.43			3.78	70.8		90		110.7 106.95
140#	-10500	28000#	0.8	2.3							78.5		141.6	
141#	-10750	28000#	4.0	2.1		2.96			3.47	93.8		126.3		113.29 135.66
142#	-11000	28000#	2.3	2.5							143.6		130.2	
143#	-11250	28000#	3.2	2.5		3.38			2.91	151.2		145.5		132.63 111.5
144#	-11500	28000#	2.7	7.7							130.2		99.5	
145#	-11750	28000#	3.8	6.5		3.67			2.53	93.8		84.2		113.65 171.56

*****	*****						*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT							APP. R	ESIST O	HM.M			
No	X	Y #	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
146#	-12000	28000#	1.2							63.2				
147#	-12250	28000#	1.1	3.6			3.09	3.14	93.8		145.5		141.89	156.72
148#	-12500	28000#	1.5	4.1						187.6		187.6		
149#	-12750	28000#	0.8	2.8			2.93	3.69	116.8		252.7		185.27	110.3
150#	-13000	28000#	4.1	5.0						185.7		275.6		
151#	-13250	28000#	2.7	4.6			3.51	2.71	59.3		241.2		161.59	217.73
152#	-13500	28000#	2.5	4.2						120.6		210.6		
153#	-13750	28000#	2.9	3.6			3.39	3.38	103.4		124.4		179.85	166.77
154#	-14000	28000#	3.0	4.3						126.3		237.4		
155#	-14250	28000#	3.0	2.7			3.34	3.31	63.2		273.7		172.75	211.99
156#	-14500	28000#	4.0	3.5						111		394.3		
157#	-14750	28000#	3.3	2.3			3.18	2.61	122.5		287.1		220.13	165.81
158#	-15000	28000#	2.3							164.6				
159#	-15250	28000#	1.7	2.1			2.19	3.28	80.4		356		222.2	256.02
160#	-15500	28000#	1.3	3.7						214.4		312.0		
161#	-15750	28000#	1.5	1.6			2.33	3.07	149.3		202.9		266.15	257.69
162#	-16000	28000#	2.5	2.4						189.5		304.3		
163#	-16250	28000#	1.8	2.6			2.94	5.29	135.9		373.3		261.32	356.51
164#	-16500	28000#	3.5	5.3						130.2		591.5		
165#	-16750	28000#	2.8	4.1			5.87	3.59	189.5		459.4		305.74	206.97
166#	-17000	28000#	21.0	5.3								409.6		
167#	-17250	28000#	2.9	5.6			6.72	4.14	132.1		400.1		296.05	306.98
168#	-17500	28000#	7.2	4.0						130.2		664.2		
169#	-17750	28000#	2.7	5.3			5.04	6.95	141.6		241.2		315.83	443.84
170#	-18000	28000#	4.7							275.6				
171#	-18250	28000#	3.0	7.5			5.18	5.65	233.5		467.1		412.66	348.61
172#	-18500	28000#	6.3	6.9						486.2		574.2		
173#	-18750	28000#	5.5	4.4			6.27	4.89	340.7		633.6		464.18	473.99
174#	-19000	28000#	6.5	8.5						497.7		528.3		
175#	-19250	28000#	5.4	7.0			5.94	7.02	539.8		409.6		541.42	588.84
176#	-19500	28000#	5.7	5.5						516.8		459.4		
177#	-19750	28000#	8.1	6.0			7.04	5.99	539.8		603		597.41	569.46
178#	-20000	28000#	8.0	5.0						723.5		717.8		
179#	-20250	28000#	6.8	7.5			6.38	6.85	520.6		943.7		628.48	533.09
180#	-20500	28000#	4.9	6.7						700.6		604.9		
181#	-20750	28000#	4.4	6.2			5.86	5.55	490		514.9		604.55	548.64
182#	-21000	28000#	6.2							344.5				
183#	-21250	28000#	3.7	7.7			5.42	5.31	229.7		765.7		496.16	718.28
184#	-21500	28000#	4.8	7.4						679.5		670.0		
185#	-21750	28000#	5.7	5.9			5.53	4.65	813.5		536		708.47	366.8
186#	-22000	28000#	4.9	3.8						704.4		637.4		
187#	-22250	28000#	4.3	4.8			4.61	4.75	310.1		807.8		482.16	576.16
188#	-22500	28000#	4.9	5.1						373.3		568.5		
189#	-22750	28000#	4.4	2.5			4.24	5.36	486.2		283.3		465.89	542.66
190#	-23000	28000#	4.6	2.7						382.8		273.7		
191#	-23250	28000#	6.3	5.4			4.41	4.17	449.8		386.7		433.15	481.89
192#	-23500	28000#	3.8	2.7						426.9		547.4		
193#	-23750	28000#	4.1	2.9			3.75	4.1	312		574.2		405.8	339.76
194#	-24000	28000#	3.8							545.5				
195#	-24250	28000#	3.7	4.1			3.55	3.45	266.1		344.5		356.67	235.44
196#	-24500	28000#	3.9	3.5						162.7		348.4		

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
197#	-24750	28000#	2.9		3.3			3.28	3.1	80.4		193.3		186.55	354.12
198#	-25000	28000#		2.5		3.3					103.4		411.5		
199#	-25250	28000#	3.9		3.5			3.17	3.1	321.6		216.3		240.86	126.33
200#	-25500	28000#		2.8							346.5		84.2		
201#	-25750	28000#	1.5		3.0			2.58	3.06	210.6		137.8		181.01	187.11
202#	-26000	28000#		2.9		2.0					95.7		93.8		
203#	-26250	28000#	3.1		3.0			2.82	2.98	84.2		59.3		77.76	264.39
204#	-26500	28000#		3.0		3.2					70.8		28.7		
205#	-26750	28000#	3.1		1.7			2.93	2.83	74.7		26.8		131.04	86.85
206#	-27000	28000#		3.2							356				
207#	-27250	28000#	2.5		3.5			2.84	2.99	72.7		313.9		132.71	65.8
208#	-27500	28000#		3.0		3.2					84.2		185.7		
209#	-27750	28000#	5.1		2.5			3.53	2.31	40.2		51.7		117	77.52
210#	-28000	28000#		2.7							34.5				
211#	-28250	28000#	2.1					2.27	3.88	65.1				78.72	146.11
212#	-28500	28000#		2.3							23				
213#	-28750	28000#		0.2								19.1			
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****

AFTER THE FRAISER AND MIXED-PLOT FILTERES

NORTH REGIONAL 320N 500 FEET ??-??-?? ENVELOP
IP 192.5W-242.5E LENGTH 43500 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH =-Y

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT										APP. R	ESIST O	HM.M	
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
1#	24250	32000#	1.3							30.6					
2#	24000	32000#		1.2							36.4				
3#	23750	32000#	1.0		1.6					34.5		51.7			
4#	23500	32000#		1.7		2.5					44		61.3		
5#	23250	32000#	0.2		0.8					51.7		53.6			
6#	23000	32000#		0.4							65.1				
7#	22750	32000#	1.7		2.3				2.05	1.4	57.4		61.3		57.66
8#	22500	32000#		1.6		1.7					55.5		67.0		
9#	22250	32000#	1.3		1.6				2.13	1.42	53.6		57.4		55.75
10#	22000	32000#		1.2		7.7						61.3		38.3	
11#	21750	32000#	1.1		3.3				1.93	2.86	47.9		38.3		50.41
12#	21500	32000#		1.9		1.0						28.7		70.8	
13#	21250	32000#	1.5		1.2				2.41	1.85	26.8		55.5		39.2
14#	21000	32000#		1.5		1.7						40.2		57.4	
15#	20750	32000#	2.3		2.3				2.31	2.91	30.6		42.1		41.47
16#	20500	32000#		2.1		6.1						36.4		34.5	
17#	20250	32000#	1.7		3.1				2.54	2.24	19.1		30.6		30.39
18#	20000	32000#		3.4								19.1			
19#	19750	32000#	3.4		0.9				3.11	2.01	17.2		30.6		26.48
20#	19500	32000#		0.9		2.9						30.6		28.7	
21#	19250	32000#	0.2		4.7				1.89	3.68	23		28.7		28.55
22#	19000	32000#		2.3		3.0						23		38.3	
23#	18750	32000#	3.0		2.5				3.19	1.92	15.3		28.7		26.88
24#	18500	32000#		4.4		3.3						32.5		38.3	
25#	18250	32000#	1.7		2.9				2.65	2.58	19.1		26.8		32.02
26#	18000	32000#		1.3		3.3						30.6		40.2	
27#	17750	32000#	0.2		2.7				2.02	1.77	17.2		45.9		31.9
28#	17500	32000#		2.1		3.8						26.8		57.4	
29#	17250	32000#	0.4		2.7				1.62	1.91	19.1		36.4		30.95
30#	17000	32000#		1.2								26.8			
31#	16750	32000#	0.2		0.8				1.27	2.03	19.1		28.7		28.23
32#	16500	32000#			0.2							23		24.9	
33#	16250	32000#	0.4						0.72	1.68	19.1		23		28.71
34#	16000	32000#		1.5								23		36.4	
35#	15750	32000#	1.3						1.14	1.72	17.2		40.2		33.34
36#	15500	32000#		2.5								32.5		65.1	
37#	15250	32000#	1.3		0.4				1.63	0.76	13.4		55.5		39.44
38#	15000	32000#		0.4		1.4						30.6		68.9	
39#	14750	32000#	1.6		1.0				1.42	0.98	13.4		80.4		38.76
40#	14500	32000#		0.4		4.8						23		45.9	
41#	14250	32000#	1.1		0.4				1.12	1.73	17.2		28.7		40.91
42#	14000	32000#		0.6								28.7			
43#	13750	32000#	1.7		0.6				1.67	1.24	19.1		42.1		46.58

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
44#	13500	32000#		1.5	0.6						36.4		95.7		
45#	13250	32000#	0.5		2.5		1.38		1.89	15.3		90		55.83	45.7
46#	13000	32000#		1.1	2.8						51.7		101.4		
47#	12750	32000#			2.7					28.7		67		62.45	73.93
48#	12500	32000#				1.7					42.1		95.7		
49#	12250	32000#	1.5		2.6		2.24		2.27	26.8		67		66.68	102.89
50#	12000	32000#		1.6		2.7					51.7		105.3		
51#	11750	32000#	3.1		3.2		2.98		3.27	68.9		97.6		105.92	111.26
52#	11500	32000#		3.8		4.8					135.9		160.8		
53#	11250	32000#	3.0		3.3		3.56		4.22	86.1		256.5		145	387.61
54#	11000	32000#		4.5							181.8				
55#	10750	32000#	3.1		1.7		4.57		2.89	128.2		172.3		371.26	120.59
56#	10500	32000#		3.7		5.3					612.5		212.5		
57#	10250	32000#	1.2		13.0		3.72		4.62	118.7		1856.7		353.8	207.21
58#	10000	32000#		2.8		5.1					176.1		220.1		
59#	9750	32000#	3.9		0.5		4.97		3.52	178		23		331.82	221.56
60#	9500	32000#		5.4		5.8					245		222.0		
61#	9250	32000#	2.5		4.4		4.19		5.11	178		260.3		191.41	385.46
62#	9000	32000#		5.2		7.4					191.4		246.9		
63#	8750	32000#	3.1		5.0		4.49		3.16	153.1		193.3		183.12	164.62
64#	8500	32000#		4.7		4.4					160.8		153.1		
65#	8250	32000#	2.5		2.8		3.75		3.95	120.6		134		158.63	182.56
66#	8000	32000#		2.8							86.1				
67#	7750	32000#	3.2		2.5		3.22		3.61	72.7		118.7		139.73	159.83
68#	7500	32000#		2.3		3.9					74.7		325.4		
69#	7250	32000#	1.7		5.2		2.61		2.61	55.5		216.3		149.14	102.89
70#	7000	32000#		2.2		2.4					158.9		269.9		
71#	6750	32000#	1.9		3.1		2.49		2.65	65.1		218.2		145.4	105.04
72#	6500	32000#		2.1		2.2					109.1		124.4		
73#	6250	32000#	1.3		1.3		2.17		2.97	70.8		84.2		120.47	192.85
74#	6000	32000#		1.1		2.3					63.2		118.7		
75#	5750	32000#	2.1		4.8		2.37		2.71	82.3		185.7		118.68	187.59
76#	5500	32000#		2.8		3.7					128.2		135.9		
77#	5250	32000#	1.5		1.7		2.82		2.67	67		241.2		159.27	133.51
78#	5000	32000#		2.5							141.6				
79#	4750	32000#	2.5		4.2		3.24		3.33	84.2		279.5		181.37	166.53
80#	4500	32000#		2.9		4.5					160.8		344.5		
81#	4250	32000#	3.2		4.6		3.80		3.22	118.7		220.1		208.32	177.78
82#	4000	32000#		3.6		4.5					191.4		248.8		
83#	3750	32000#	1.9		3.7		3.72		4.33	143.6		245		211.51	261.76
84#	3500	32000#		5.3		4.7					183.8		277.6		
85#	3250	32000#	4.3		3.7		4.64		4.31	202.9		229.7		244.53	268.46
86#	3000	32000#		6.0		4.5					260.3		262.2		
87#	2750	32000#	4.1		4.9		4.82		4.83	229.7		306.3		279.94	231.61
88#	2500	32000#		5.6		4.6					294.8		382.8		
89#	2250	32000#	3.5		5.7		4.95		4.3	185.7		379		271.49	228.26
90#	2000	32000#		6.8							283.3				
91#	1750	32000#	4.4		5.1		4.77		3.97	183.8		183.8		246.21	208.64
92#	1500	32000#		3.1		5.4					135.9		319.7		
93#	1250	32000#	3.2		2.9		3.67		4.04	76.6		262.2		173.79	214.38
94#	1000	32000#		1.3		5.4					191.4		246.9		

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M				
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P	
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****
95#	750	32000#	1.4	4.4		2.90			2.65	105.3		191.4		167.53	106.71	
96#	500	32000#		3.1	4.3						122.5		160.8			
97#	250	32000#	1.3	2.7		2.65			2.17	36.4		122.5		103.44	179.45	
98#	0	32000#	1.1	3.7							42.1		135.9			
99#	-250	32000#	0.2			1.37			2.39	28.7		34.5		83.35	128.01	
100#	-500	32000#		0.2	1.0						32.5		172.3			
101#	-750	32000#	0.6	0.5		1.10			2.38	23		176.1		91.64	81.35	
102#	-1000	32000#		1.3							118.7					
103#	-1250	32000#	1.6	1.6		1.83			2.84	53.6		130.2		104.24	48.33	
104#	-1500	32000#		3.5	1.4						70.8		155.0			
105#	-1750	32000#	3.8	1.9		3.12			1.92	32.5		72.7		67.31	167.01	
106#	-2000	32000#		2.9	3.8						36.4		99.5			
107#	-2250	32000#	2.9	3.8		2.87			3.58	153.1		53.6		129.05	201.94	
108#	-2500	32000#		3.3	4.0						204.8		38.3			
109#	-2750	32000#	4.9	1.4		3.69			2.72	164.6		153.1		177.18	184.95	
110#	-3000	32000#		3.2	3.3						134		304.3			
111#	-3250	32000#	1.9	2.9		3.15			3.82	143.6		287.1		226.83	158.87	
112#	-3500	32000#		3.8	4.4						290.9		398.1			
113#	-3750	32000#	3.3	5.7		3.79			2.79	130.2		472.8		253.46	102.17	
114#	-4000	32000#		4.6							268					
115#	-4250	32000#	2.5	2.7		3.54			3.45	126.3		158.9		188.94	187.35	
116#	-4500	32000#		3.4	4.2						86.1		191.4			
117#	-4750	32000#	3.4	2.7		3.46			4.44	103.4		59.3		113.81	255.3	
118#	-5000	32000#		4.9	3.2						114.8		76.6			
119#	-5250	32000#	3.6	1.3		3.89			3.35	103.4		67		134.75	153.13	
120#	-5500	32000#		3.7	4.6						118.7		201.0			
121#	-5750	32000#	2.1	6.2		3.28			3.48	47.9		248.8		135.15	128.25	
122#	-6000	32000#		2.6	4.9						114.8		306.3			
123#	-6250	32000#	1.7	2.7		3.27			2.03	91.9		170.4		164.46	78.96	
124#	-6500	32000#		0.4	4.9						107.2		271.8			
125#	-6750	32000#	1.2	6.0		2.34			3.1	55.5		166.5		130.48	127.77	
126#	-7000	32000#		1.0							114.8					
127#	-7250	32000#	2.9	1.8		2.68			2.37	82.3		88.1		111.26	115.33	
128#	-7500	32000#		1.6	1.9						86.1		63.2			
129#	-7750	32000#	2.1	2.5		2.20			2.73	44		70.8		72.58	116.04	
130#	-8000	32000#		2.7	2.7						44		126.3			
131#	-8250	32000#	2.5	2.8		2.21			1.89	30.6		86.1		69.75	89.25	
132#	-8500	32000#		0.7	2.1						91.9		109.1			
133#	-8750	32000#	2.3	2.9		1.99			2.65	26.8		130.2		80.43	49.77	
134#	-9000	32000#		2.3	0.9						78.5		40.2			
135#	-9250	32000#	3.8	1.0		2.62			2.48	34.5		95.7		70.58	59.34	
136#	-9500	32000#		3.4	2.1						23		147.4			
137#	-9750	32000#	0.8	2.5		2.14			2.22	34.5		68.9		51.12	76.33	
138#	-10000	32000#		2.5							28.7					
139#	-10250	32000#	2.1	2.3		2.32			2.06	57.4		40.2		62.29	55.27	
140#	-10500	32000#		1.2	5.7						68.9		40.2			
141#	-10750	32000#	1.3	1.5		2.30			2.66	40.2		67		56.39	87.81	
142#	-11000	32000#		2.7	1.9						63.2		65.1			
143#	-11250	32000#	3.1	4.4		2.98			2.28	67		61.3		75.25	66.52	
144#	-11500	32000#		2.5	1.9						78.5		84.2			
145#	-11750	32000#	1.9	2.8		2.62			3.24	40.2		112.9		73.69	60.3	

*****							*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M	
No	X	Y #	N=1	N=2	N=3	N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
146#	-12000	32000#		2.3		3.7			70.8			141.6	
147#	-12250	32000#	3.4	3.5		2.73	2.64	45.9		72.7		79.36	81.11
148#	-12500	32000#		1.3		2.9			76.6			99.5	
149#	-12750	32000#	2.5	2.3		2.57	2.39	61.3		82.3		89.17	117.72
150#	-13000	32000#		2.3					65.1				
151#	-13250	32000#	2.1	2.3		2.27	2.86	45.9		70.8		108.95	124.18
152#	-13500	32000#		0.4		3.3			61.3			206.7	
153#	-13750	32000#	2.7	3.5		2.59	2.88	32.5		181.8		139.33	123.46
154#	-14000	32000#		2.9		2.7			151.2			338.8	
155#	-14250	32000#	2.3	2.6		3.10	3.11	93.8		262.2		180.57	149.54
156#	-14500	32000#		3.6		3.7			201			195.2	
157#	-14750	32000#	3.4	4.6		3.59	3.87	143.6		229.7		200.55	217.97
158#	-15000	32000#		4.3					197.2			170.4	
159#	-15250	32000#	5.4	2.7		4.60	4.07	302.4		158.9		247.88	326.12
160#	-15500	32000#		5.1		4.5			300.5			266.1	
161#	-15750	32000#	3.2	5.1		4.50	5.08	229.7		300.5		300.92	368.71
162#	-16000	32000#		4.0					283.3				
163#	-16250	32000#	3.6	6.6		5.16	4.11	191.4		438.3		393.52	295.02
164#	-16500	32000#		7.2		6.4			344.5			712.1	
165#	-16750	32000#	2.7	5.5		5.26	5.21	166.5		612.5		429.96	322.77
166#	-17000	32000#		4.7		6.1			338.8			876.7	
167#	-17250	32000#	7.1	6.2		6.02	6.97	417.3		516.8		469.08	304.03
168#	-17500	32000#		4.6					329.2			478.5	
169#	-17750	32000#	3.2	8.4		5.62	7.15	202.9		398.1		383.79	497.44
170#	-18000	32000#		5.3		4.4			329.2			396.2	
171#	-18250	32000#	8.7	4.8		7.81	6.56	348.4		342.6		358.42	482.6
172#	-18500	32000#		4.3		13.0			225.9				
173#	-18750	32000#	3.0	14.0		7.92	7.66	212.5				294.3	388.57
174#	-19000	32000#		17.0									
175#	-19250	32000#	10.0			13.50	4.11						
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

AFT ER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 1540S 500 FEET ??-??-?? ENVELOP
 IP 697.5W-377.5W LENGTH 31000 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
 TRAVERSES INCREASE SOUTH =-Y

*****	*****						*****	*****	*****	*****	*****	*****	*****			
	#	FREQ. EFFECT							APP. R	ESIST O	HM.M					
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****		*****	*****
1#	-37750	-154000#	2.9							36.4						
2#	-38000	-154000#		2.9							53.6					
3#	-38250	-154000#	2.6		2.4					72.7		63.2				
4#	-38500	-154000#		2.3		2.3					63.2		93.8			
5#	-38750	-154000#	1.4		1.9					26.8		95.7				
6#	-39000	-154000#		1.3							51.7					
7#	-39250	-154000#	1.0		3.8				2.42	3.53	44	47.9			55.83	44.98
8#	-39500	-154000#		3.3		2.4					44		51.7			
9#	-39750	-154000#	3.8		4.3				3.92	2.08	23	44			40.04	55.51
10#	-40000	-154000#		4.3		4.3						28.7		61.3		
11#	-40250	-154000#	1.4		4.5				3.13	2.85	24.9	40.2			39.08	27.99
12#	-40500	-154000#		2.9		4.8						36.4		57.4		
13#	-40750	-154000#	3.3		3.4				3.31	2.75	19.1	45.9			34.73	37.33
14#	-41000	-154000#		3.8		2.4						30.6		51.7		
15#	-41250	-154000#	1.9		2.4				2.65	5.92	28.7	36.4			35.17	44.5
16#	-41500	-154000#		1.9		1.1						36.4		11.5		
17#	-41750	-154000#	1.4		3.4				4.07	3.63	26.8	32.5			37.8	43.79
18#	-42000	-154000#		2.9								28.7				
19#	-42250	-154000#	3.2		3.4				5.01	2.52	32.5	28.7			42.11	40.91
20#	-42500	-154000#		3.3		24.7						44		114.8		
21#	-42750	-154000#	1.4		3.8				4.83	3.2	28.7	49.8			47.77	27.76
22#	-43000	-154000#		2.9		4.8						38.3		61.3		
23#	-43250	-154000#	2.4		3.8				4.74	2.9	19.1	51.7			41.23	29.91
24#	-43500	-154000#		2.9		3.8						28.7		57.4		
25#	-43750	-154000#	0.5		4.3				2.88	8.24	17.2	34.5			32.34	47.85
26#	-44000	-154000#		2.9		5.4						24.9		34.5		
27#	-44250	-154000#	1.0		2.4				2.96	3.29	11.5	30.6			25.28	29.19
28#	-44500	-154000#		2.4		4.7						15.3		32.5		
29#	-44750	-154000#	1.9		4.1				3.32	3.08	13.4	19.1			20.9	24.88
30#	-45000	-154000#		2.4								19.1				
31#	-45250	-154000#	0.5		5.3				3.18	2.97	13.4	19.1			18.9	18.66
32#	-45500	-154000#		2.9								13.4		23.0		
33#	-45750	-154000#	1.4		5.5				3.14	3.32	9.6	19.1			15.71	19.86
34#	-46000	-154000#		2.4								15.3		24.9		
35#	-46250	-154000#	3.3						3.80	3.2	9.6	11.5			16.07	22.25
36#	-46500	-154000#		4.5								9.6		19.1		
37#	-46750	-154000#	1.4		2.8				3.13	3.22	7.7	17.2			18.18	19.38
38#	-47000	-154000#		3.4		4.3						15.3		38.3		
39#	-47250	-154000#	1.4		3.3				2.99	4.59	9.6	40.2			22.65	18.42
40#	-47500	-154000#		2.9		3.9						26.8		36.4		
41#	-47750	-154000#	1.0		3.8				3.40	4.16	13.4	28.7			26.08	20.82
42#	-48000	-154000#		3.3								17.2				
43#	-48250	-154000#	0.5		6.6				3.90	4.18	13.4	24.9			24.72	44.5

*****	*****						*****	*****	*****	*****	*****	*****			
	#	FREQ. EFFECT							APP. R	ESIST O	HM.M				
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
44#	-48500	-154000#		3.3		6.6					21.1		38.3		
45#	-48750	-154000#	2.9		6.7			5.26	3.81	24.9		36.4			40.04 34.69
46#	-49000	-154000#		5.7		7.6					55.5		34.5		
47#	-49250	-154000#	1.4		6.2			4.97	4.57	28.7		57.4			45.86 55.75
48#	-49500	-154000#		4.3		7.2					34.5		99.5		
49#	-49750	-154000#	1.5		6.2			4.55	4.53	38.3		68.9			59.38 55.99
50#	-50000	-154000#		3.8		7.0					95.7		49.8		
51#	-50250	-154000#	1.9		3.8			4.32	3.88	78.5		76.6			80.71 52.64
52#	-50500	-154000#		3.4		7.3					80.4		82.3		
53#	-50750	-154000#	1.9		3.9			3.67	4.2	38.3		91.9			64.92 72.74
54#	-51000	-154000#		3.3							49.8				
55#	-51250	-154000#	1.9		3.4			3.56	4.09	32.5		68.9			62.05 63.17
56#	-51500	-154000#		3.8		2.9					45.9		99.5		
57#	-51750	-154000#	2.9		4.8			3.77	4.08	32.5		76.6			62.61 73.69
58#	-52000	-154000#		4.3		4.0					55.5		84.2		
59#	-52250	-154000#	3.3		3.6			4.01	4.93	49.8		61.3			72.5 69.39
60#	-52500	-154000#		3.8		5.9					53.6		111.0		
61#	-52750	-154000#	4.8		4.8			4.79	4.32	38.3		103.4			75.61 73.46
62#	-53000	-154000#		4.8		4.3					84.2		126.3		
63#	-53250	-154000#	4.3		6.2			5.24	4.59	49.8		116.8			84.78 55.99
64#	-53500	-154000#		5.8		6.8					86.1		84.2		
65#	-53750	-154000#	4.3		6.2			5.34	4.67	40.2		70.8			70.03 78.72
66#	-54000	-154000#		5.3							44				
67#	-54250	-154000#	3.8		5.3			4.98	4.48	42.1		55.5			62.21 83.5
68#	-54500	-154000#		4.8		5.7					67		70.8		
69#	-54750	-154000#	3.3		4.3			4.28	4.63	47.9		99.5			69.63 64.36
70#	-55000	-154000#		4.3		4.8					84.2		72.7		
71#	-55250	-154000#	3.8		3.8			4.04	3.83	42.1		67			68.19 64.6
72#	-55500	-154000#		3.4		3.8					38.3		99.5		
73#	-55750	-154000#	1.9		3.8			3.26	4.84	17.2		57.4			56.35 82.79
74#	-56000	-154000#		2.9		3.8					32.5		135.9		
75#	-56250	-154000#	1.9		3.9			3.69	3.7	21.1		82.3			74.89 48.81
76#	-56500	-154000#		3.4		4.3					61.3		107.2		
77#	-56750	-154000#	2.4		9.6			4.06	3.17	24.9		212.5			74.25 52.16
78#	-57000	-154000#		3.4							32.5				
79#	-57250	-154000#	2.4		4.3			4.02	3.41	28.7		55.5			66.28 86.62
80#	-57500	-154000#		3.3		5.6					49.8		82.3		
81#	-57750	-154000#	2.9		3.4			3.60	4.3	84.2		76.6			80.23 81.59
82#	-58000	-154000#		2.9		3.8					130		51.7		
83#	-58250	-154000#	2.9		3.8			3.57	3.35	88.1		95.7			83.46 69.15
84#	-58500	-154000#		3.4		4.3					76.6		78.5		
85#	-58750	-154000#	2.4		3.5			3.44	3.63	55.5		61.3			66.32 85.42
86#	-59000	-154000#		4.3		5.1					68.9		45.9		
87#	-59250	-154000#	4.3		2.9			3.65	2.82	59.3		51.7			67.07 59.1
88#	-59500	-154000#		1.9		3.4					55.5		93.8		
89#	-59750	-154000#	2.4		2.4			2.63	3.25	23		109.1			54.15 50.96
90#	-60000	-154000#		1.9							53.6				
91#	-60250	-154000#	2.4		2.4			2.40	2.73	17.2		63.2			49.29 35.89
92#	-60500	-154000#		1.9		2.4					34.5		53.6		
93#	-60750	-154000#	1.4		2.4			2.24	2.16	13.4		30.6			33.5 51.2
94#	-61000	-154000#		2.9		2.9					15.3		57.4		

*****	*****						*****	*****	*****	*****	*****	*****				
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M				
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P	
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	
95#	-61250	-154000#	1.0		2.4			1.98	2.24	15.3		28.7			30.83	36.61
96#	-61500	-154000#		1.4		2.9					17.2		53.6			
97#	-61750	-154000#	1.5		1.4			2.12	2.12	17.2		59.3			34.37	28.95
98#	-62000	-154000#		2.4							42.1		44.0			
99#	-62250	-154000#	1.4		2.9			2.19	2.38	19.1		34.5			34.14	34.45
100#	-62500	-154000#		2.4		2.7					19.1		44.0			
101#	-62750	-154000#	2.5		2.1			2.59	2.4	19.1		24.9			31.98	44.03
102#	-63000	-154000#		2.4							28.7					
103#	-63250	-154000#	1.4		2.9			2.47	2.81	21.1		53.6			38.2	29.67
104#	-63500	-154000#		2.9		3.1					38.3		53.6			
105#	-63750	-154000#	1.5		3.4			2.62	2.04	17.2		51.7			37.57	32.3
106#	-64000	-154000#		1.9		3.3					24.9		67.0			
107#	-64250	-154000#	1.0		2.9			2.25	1.65	21.1		34.5			35.81	36.61
108#	-64500	-154000#		1.9		4.2					28.7		44.0			
109#	-64750	-154000#	1.0		1.9			1.83	2.38	23		36.4			35.01	36.85
110#	-65000	-154000#		0.9		2.9					30.6		53.6			
111#	-65250	-154000#	1.0		0.9			1.92	2.28	19.1		30.6			33.74	37.57
112#	-65500	-154000#		2.9		1.5					32.5		49.8			
113#	-65750	-154000#	1.4		2.9			2.14	2.64	21.1		38.3			35.41	34.22
114#	-66000	-154000#		2.4							28.7					
115#	-66250	-154000#	1.9		1.9			2.62	2.81	19.1		44			35.73	37.33
116#	-66500	-154000#		2.4		3.4					36.4		53.6			
117#	-66750	-154000#	2.4		3.3			3.19	2.64	24.9		44			39.24	35.41
118#	-67000	-154000#		2.9		5.4					40.2		44.0			
119#	-67250	-154000#	1.4		3.4			3.16	14.56	24.9		42.1			38.32	52.16
120#	-67500	-154000#		3.4		5.7					30.6		53.6			
121#	-67750	-154000#	2.4		3.4			15.00	3.08	24.9		42.1			40.64	44.5
122#	-68000	-154000#		95.0		4.2							49.8			
123#	-68250	-154000#	2.4		3.8			15.04	3.75	26.8		51.7			47.22	37.09
124#	-68500	-154000#		3.4		4.3					38.3		99.5			
125#	-68750	-154000#	2.9		4.3			3.65	15.27	19.1		74.7			48.25	39.96
126#	-69000	-154000#		3.8							44					
127#	-69250	-154000#	2.2		3.3			3.61	3.52	28.7		47.9			57.42	40.68
128#	-69500	-154000#		4.3							36.4					
129#	-69750	-154000#	2.4					3.34	3.67	26.8					37.01	61.73
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****

AFTER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 1620S 500 FEET ??-??-?? ENVELOP
IP 585W-285W LENGTH 30000 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH =-Y

[illegible]

*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
44#	-39250	-162000#	6.7		3.7			7.62	5.95	224		218.2			243.81 212.71
45#	-39500	-162000#		4.4		33.5					176.1		281.4		
46#	-39750	-162000#	4.3		6.2			7.56	4.76	147.4		229.7			194.49 185.19
47#	-40000	-162000#		6.2		6.1					239.3		145.5		
48#	-40250	-162000#	3.4		7.2			7.64	4.43	105.3		170.4			157.32 146.67
49#	-40500	-162000#		4.8		15.5					97.6		172.3		
50#	-40750	-162000#	5.3		7.8			6.11	7.84	24.9		122.5			87.09 135.66
51#	-41000	-162000#		4.3		3.4					32.5		126.3		
52#	-41250	-162000#	2.4		3.8			4.75	5.36	36.4		38.3			69.15 71.3
53#	-41500	-162000#		3.4							38.3				
54#	-41750	-162000#	4.3		5.3			4.15	6.76	21.1		49.8			46.98 77.04
55#	-42000	-162000#		3.4		2.4					24.9		105.3		
56#	-42250	-162000#	1.9		4.3			3.60	3.78	17.2		53.6			40.12 51.68
57#	-42500	-162000#		2.3		7.6					38.3		32.5		
58#	-42750	-162000#	4.8		4.3			4.23	3.75	24.9		24.9			38.76 27.99
59#	-43000	-162000#		3.3							19.1				
60#	-43250	-162000#	2.9					4.60	3.76	23		19.1			24.72 52.88
61#	-43500	-162000#		3.8							24.9				
62#	-43750	-162000#	3.4					4.32	5.59	24.9		23			27.6 22.49
63#	-44000	-162000#		5.7							28.7		30.6		
64#	-44250	-162000#	3.3		4.8			5.86	5.42	13.4		42.1			23.77 20.74
65#	-44500	-162000#		7.2							17.2				
66#	-44750	-162000#	2.4		9.6			5.74	5.38	13.4		19.1			22.41 19.46
67#	-45000	-162000#		5.7		6.4					15.3		30.6		
68#	-45250	-162000#	4.8		8.6			6.75	4.72	9.6		26.8			20.1 25.84
69#	-45500	-162000#		7.7							19.1				
70#	-45750	-162000#	2.9					6.21	5.2	17.2					22.73 12.92
71#	-46000	-162000#		6.2							13.4				
72#	-46250	-162000#	2.5					4.21	5.22	5.7					11.48 22.25
73#	-46500	-162000#		3.2							9.6				
74#	-46750	-162000#	3.5		5.4			3.65	4.47	11.5		13.4			14.83 12.76
75#	-47000	-162000#		2.9							19.1		15.3		
76#	-47250	-162000#	2.9		3.4			3.62	3.23	9.6		23			14.75 19.38
77#	-47500	-162000#		3.1							13.4				
78#	-47750	-162000#	2.7		6.0			3.27	4.12	7.7		17.2			16.27 17.47
79#	-48000	-162000#		2.4							15.3				
80#	-48250	-162000#	4.5		3.8			4.31	3.58	9.6		34.5			18.66 15.31
81#	-48500	-162000#		3.8							24.9		21.1		
82#	-48750	-162000#	3.3		1.9			4.07	4.05	13.4		17.2			19.06 17.95
83#	-49000	-162000#		2.5		5.7					11.5		23.0		
84#	-49250	-162000#	2.7		6.6			3.68	3.11	7.7		17.2			15.47 27.44
85#	-49500	-162000#		1.9							13.4		21.1		
86#	-49750	-162000#	2.0		4.3			3.63	3.04	17.2		19.1			22.57 19.14
87#	-50000	-162000#		3.3		5.3					26.8		30.6		
88#	-50250	-162000#	1.4		2.4			3.19	3.12	11.5		47.9			24.17 21.77
89#	-50500	-162000#		2.4							24.9				
90#	-50750	-162000#	2.5		3.8			2.88	2.6	15.3		24.9			26.56 22.73
91#	-51000	-162000#		2.0		4.8					19.1		34.5		
92#	-51250	-162000#	2.8		1.9			2.69	2.35	9.6		28.7			24.09 30.39
93#	-51500	-162000#		1.4		2.4					19.1		40.2		
94#	-51750	-162000#	1.5		2.4			1.98	2.94	13.4		30.6			27.16 24.88

[illegible]

AFTER THE FRAISER AND MIXED-PLOT FILTERS

SOUTH REGIONAL 1660S 500 FEET ??-??-?? ENVELOP
IP 372.5W-237.5W LENGTH 13500 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH =-Y

*****	*****						*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M	
No	X	Y #	N=1	N=2	N=3	N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****
1#	-23750	-166000#	4.3		4.8			70.8		84.2			
2#	-24000	-166000#		4.3					86.1				
3#	-24250	-166000#	3.8		3.4			61.3		74.7			
4#	-24500	-166000#		3.3		4.3			55.5		93.8		
5#	-24750	-166000#	3.4		4.4			45.9		72.7			
6#	-25000	-166000#		4.3		4.8			65.1		111.0		
7#	-25250	-166000#	5.3		4.8		4.99	4.48	59.3	107.2		82.31	56.71
8#	-25500	-166000#		5.3		5.3			90		95.7		
9#	-25750	-166000#	4.3		5.3		5.04	4.85	53.6	90		78.08	68.19
10#	-26000	-166000#		5.3		5.8			67		109.1		
11#	-26250	-166000#	4.8		5.7		5.35	4.43	44	76.6		66.52	97.62
12#	-26500	-166000#		6.2		5.2			74.7		40.2		
13#	-26750	-166000#	2.4		5.3		4.51	4.63	114.8	42.1		88.45	66.76
14#	-27000	-166000#		3.4					65.1				
15#	-27250	-166000#	2.4		5.3		4.07	4.43	32.5	105.3		62.53	76.09
16#	-27500	-166000#		3.3		5.2			57.4		134.0		
17#	-27750	-166000#	2.9		5.3		4.01	4.92	49.8	74.7		69.71	37.8
18#	-28000	-166000#		1.9		5.3			61.3		72.7		
19#	-28250	-166000#	5.3		5.3		5.06	4.84	26.8	65.1		50.96	59.1
20#	-28500	-166000#		6.5		5.3			30.6		57.4		
21#	-28750	-166000#	5.8		5.6		5.67	4.78	51.7	26.8		49.05	74.65
22#	-29000	-166000#		5.7		5.7			45.9		38.3		
23#	-29250	-166000#	4.8		5.2		5.28	4.72	44	63.2		49.29	49.53
24#	-29500	-166000#		5.3		5.2			65.1		49.8		
25#	-29750	-166000#	3.4		5.3		4.39	4.53	40.2	57.4		48.49	40.68
26#	-30000	-166000#		3.4					38.3				
27#	-30250	-166000#	2.4		3.3		3.75	4.54	28.7	47.9		40.91	49.05
28#	-30500	-166000#		3.3		4.8			40.2		49.8		
29#	-30750	-166000#	3.8		4.3		4.04	4.12	40.2	44		44.26	38.76
30#	-31000	-166000#		3.8		4.8			49.8		38.3		
31#	-31250	-166000#	3.8		4.3		4.15	3.58	26.8	44		38.12	44.26
32#	-31500	-166000#		2.9		4.8			26.8		51.7		
33#	-31750	-166000#	3.3		5.3		3.95	3.65	26.8	30.6		37.01	43.55
34#	-32000	-166000#		4.3		4.8			30.6		51.7		
35#	-32250	-166000#	2.4		3.8		3.50	3.17	23	53.6		40.76	37.57
36#	-32500	-166000#		2.4		3.3			47.9		57.4		
37#	-32750	-166000#	2.4		2.9		2.87	3.94	32.5	57.4		45.3	35.65
38#	-33000	-166000#		2.4					44				
39#	-33250	-166000#	3.3		2.8		3.18	3.59	38.3	45.9		42.83	51.92
40#	-33500	-166000#		3.3		2.4			38.3		42.1		
41#	-33750	-166000#	3.4		3.3		3.53	3.64	45.9	34.5		46.82	57.66
42#	-34000	-166000#		3.8		4.8			44		38.3		
43#	-34250	-166000#	4.3		4.3		4.04	3.71	34.5	47.9		50.72	59.1

*****							*****	*****	*****	*****	*****	*****	*****		
#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
44#	-34500	-166000#			4.3		3.9				44		91.9		
45#	-34750	-166000#	3.4		3.8		3.98	6.49	28.7			90		57.42	45.46
46#	-35000	-166000#		3.4		4.8				61.3			95.7		
47#	-35250	-166000#	2.9		4.8		5.23	11.85	51.7			68.9		68.75	46.66
48#	-35500	-166000#		4.3		4.3				49.8			91.9		
49#	-35750	-166000#	2.9		4.8		13.22	3.23	40.2			65.1		60.14	76.57
50#	-36000	-166000#		67.0		26.0									
51#	-36250	-166000#	2.9		4.3		13.24	4.18	57.4			57.4		70.98	65.08
52#	-36500	-166000#		2.4		3.9				70.8			72.7		
53#	-36750	-166000#	2.9		2.8		6.17	19.69	40.2			97.6		64.12	73.06
54#	-37000	-166000#		4.3						61.3					
55#	-37250	-166000#	2.4				3.35	8.89	67					74.65	56.15
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****

AFTER THE FRAISER AND MIXED-PLOT FILTERES

ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH = -Y
X,Y,MFN=1,N=2,N=3,N=4,R/2PIN=1,N=2,N=3,N=4
I6,2X,I7,4X,,8F5.1

#NAME?

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	-19500	-170000#		3.9	4.7						107.2		112.9		
2#	-19750	-170000#	2.9	4.3						88.1		72.7			
3#	-20000	-170000#		3.8							61.3				
4#	-20250	-170000#	4.3	4.4						49.8		124.4			
5#	-20500	-170000#		4.3	4.0						105.3		118.7		
6#	-20750	-170000#	4.3	4.8		4.46		3.99	103.4			99.5		106.55	86.85
7#	-21000	-170000#		4.3	4.8						97.6		109.1		
8#	-21250	-170000#	3.8	4.3		4.12		4.62	86.1			105.3		99.46	120.83
9#	-21500	-170000#		3.8	5.3						97.6		107.2		
10#	-21750	-170000#	4.3	3.3		4.33		4.06	91.9			101.4		106.35	102.89
11#	-22000	-170000#		4.3	3.8						105.3		112.9		
12#	-22250	-170000#	3.4	4.8		4.10		3.96	76.6			126.3		105.6	98.34
13#	-22500	-170000#		3.9	5.3						101.4		155.0		
14#	-22750	-170000#	3.3	4.4		3.92		4.73	97.6			124.4		108.95	112.22
15#	-23000	-170000#		3.9							116.8				
16#	-23250	-170000#	4.3	2.0		4.62		4.56	158.9			59.3		127.13	100.73
17#	-23500	-170000#		5.3	5.2						155		109.1		
18#	-23750	-170000#	4.4	5.8		4.91		4.77	124.4			109.1		104.72	123.7
19#	-24000	-170000#		4.8	6.2						91.9		84.2		
20#	-24250	-170000#	1.2	5.3		4.65		5.48	120.6			74.7		101.05	100.73
21#	-24500	-170000#		6.2	6.2						91.9		76.6		
22#	-24650	-170000#	5.7	6.2		6.09		4.81	68.9			90		86.26	94.27
23#	-25000	-170000#		5.3	6.7						74.7		132.1		
24#	-25250	-170000#	5.7	7.7		5.95		6.19	53.6			116.8		82.87	98.1
25#	-25500	-170000#		4.3	6.7						84.2		103.4		
26#	-25750	-170000#	4.8	6.2		5.94		5.69	74.7			76.6		100.25	89.25
27#	-26000	-170000#		3.8							67				
28#	-26250	-170000#	4.3	6.2		5.78		5.48	47.9			162.7		98.98	115.81
29#	-26500	-170000#		5.2	11.3						137.8		160.8		
30#	-26750	-170000#	4.8	6.7		5.87		5.88	139.7			88.1		133.83	76.81
31#	-27000	-170000#		5.5	5.8						88.1		145.5		
32#	-27250	-170000#	4.8	4.8		6.33		5.74	38.3			158.9		97.7	122.74
33#	-27500	-170000#		10.3	5.3						160.8		132.1		
34#	-27750	-170000#	5.7	5.7		6.12		6.66	132.1			72.7		120.51	97.14
35#	-28000	-170000#		5.3	5.2						114.8		47.9		
36#	-28250	-170000#	4.3	5.3		5.00		5.29	90			80.4		88.85	134.71
37#	-28500	-170000#		2.9	6.8						65.1		107.2		
38#	-28750	-170000#	1.9	6.5		4.11		4.92	70.8			86.1		90.76	109.35
39#	-29000	-170000#		3.3							95.7				
40#	-29250	-170000#	4.8	4.7		4.94		4.01	67			143.6		108.71	68.67
41#	-29500	-170000#		4.4	5.8						109.1		170.4		
42#	-29750	-170000#	3.8	4.8		4.47		4.84	57.4			134		99.69	95.71
43#	-30000	-170000#		4.8	4.8						59.3		155.0		

*****	*****						*****	*****	*****	*****	*****	*****			
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
44#	-30250	-170000#	3.9	4.3		4.41		3.85	68.9			74.7		97.34	116.52
45#	-30500	-170000#		3.9	3.8						88.1		93.8		
46#	-30750	-170000#	3.4	4.8		3.96		4.32	76.6			111		105.36	125.62
47#	-31000	-170000#		4.3	4.8						111		141.6		
48#	-31250	-170000#	2.8	3.3		3.63		4.02	97.6			151.2		123.06	105.28
49#	-31500	-170000#		3.4	3.4						147.4		141.6		
50#	-31750	-170000#	3.3	3.3		3.67		3.96	90			157		124.58	106.71
51#	-32000	-170000#		3.4							109.1				
52#	-32250	-170000#	3.4	4.7		3.76		3.89	80.4			128.2		113.57	120.83
53#	-32500	-170000#		3.3	4.3						101.4		120.6		
54#	-32750	-170000#	3.3	4.4		4.03		3.85	90			109.1		110.38	102.89
55#	-33000	-170000#		4.3	4.8						97.6		149.3		
56#	-33250	-170000#	4.3	4.3		4.32		4.13	70.8			135.9		98.46	93.55
57#	-33500	-170000#		3.8	4.3						93.8		112.9		
58#	-33750	-170000#	3.9	4.3		4.16		4.33	88.1			88.1		97.06	89.73
59#	-34000	-170000#		3.4	4.9						84.2		82.3		
60#	-34250	-170000#	4.3	4.8		4.30		4.14	57.4			88.1		77.52	109.58
61#	-34500	-170000#		3.9	4.8						68.9		84.2		
62#	-34750	-170000#	3.3	4.8		4.15		4.31	72.7			72.7		85.74	118.44
63#	-35000	-170000#		3.8							86.1				
64#	-35250	-170000#	3.8	4.8		4.35		4.41	57.4			137.8		118.2	96.19
65#	-35500	-170000#		3.9	4.3						323.5		112.9		
66#	-35750	-170000#	4.2	5.7		4.56		4.43	191.4			84.2		152.57	71.78
67#	-36000	-170000#		4.8	4.8						61.3		139.7		
68#	-36250	-170000#	4.3	4.7		4.65		4.13	40.2			105.3		76.61	146.91
69#	-36500	-170000#		4.3	4.8						78.5		99.5		
70#	-36750	-170000#	3.3	4.8		4.09		4.36	93.8			76.6		96.03	78.48
71#	-37000	-170000#		3.3	4.8						95.7		78.5		
72#	-37250	-170000#	3.3	3.8		4.01		3.81	63.2			103.4		82.87	102.41
73#	-37500	-170000#		3.8	4.8						70.8		114.8		
74#	-37750	-170000#	2.9	4.3		3.72		3.6	72.7			82.3		89.01	92.6
75#	-38000	-170000#		3.8							70.8				
76#	-38250	-170000#	2.9	3.3		3.46		3.41	74.7			97.6		96.19	84.94
77#	-38500	-170000#		3.4	3.4						74.7		160.8		
78#	-38750	-170000#	3.4	2.4		3.13		4.4	51.7			134		94.59	83.27
79#	-39000	-170000#		1.9	3.8						101.4		122.5		
80#	-39250	-170000#	9.0	3.3		4.58		4.86	80.4			97.6		98.3	56.71
81#	-39500	-170000#		3.8	3.3						82.3		103.4		
82#	-39750	-170000#	2.9	3.4		3.56		4.35	42.1			82.3		68.87	97.14
83#	-40000	-170000#		1.4	3.2						57.4		78.5		
84#	-40250	-170000#	3.8	4.3		4.22		4.89	45.9			53.6		58.46	64.6
85#	-40500	-170000#		3.7	10.1						55.5		38.3		
86#	-40750	-170000#	3.8	7.2		5.55		4.6	32.5			38.3		45.14	61.49
87#	-41000	-170000#		6.2							24.9				
88#	-41250	-170000#	6.2	8.2		6.86		4.22	23			51.7		42.03	55.51
89#	-41500	-170000#		6.2	7.1						53.6		63.2		
90#	-41750	-170000#	4.3	6.2		5.54		5.22	47.9			65.1		55.91	47.14
91#	-42000	-170000#		4.3	6.2						59.3		61.3		
92#	-42250	-170000#	1.4	4.8		3.92		4.01	55.5			59.3		60.49	66.52
93#	-42500	-170000#		3.4	5.2						61.3		57.4		
94#	-42750	-170000#	1.0	3.3		3.06		4.31	57.4			63.2		64.72	62.93

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	#	FREQ.	EFFECT				APP. R	ESIST O	HM.M
*****	X	Y #	N=1 N=2 N=3 N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
95#	-43000	-170000#	1.9 3.9			65.1		72.7	
96#	-43250	-170000#	1.9 3.8 2.99	3.48	45.9		84.2		65.56 51.2
97#	-43500	-170000#	2.9 3.4			72.7		86.1	
98#	-43750	-170000#	2.9 3.4 3.22	3.01	42.1		78.5		59.42 47.38
99#	-44000	-170000#	3.3			55.5			
100#	-44250	-170000#	2.9 1.9 3.08	2.85	36.4		34.5		46.18 51.44
101#	-44500	-170000#	2.9 4.4			26.8		38.3	
102#	-44750	-170000#	1.9 2.9 2.60	3.05	23		30.6		33.02 49.29
103#	-45000	-170000#	2.9 3.1			26.8		53.6	
104#	-45250	-170000#	1.9 1.9 2.65	2.55	19.1		47.9		33.78 22.97
105#	-45500	-170000#	1.9 2.7			40.2		42.1	
106#	-45750	-170000#	1.4 2.9 2.61	3.02	21.1		38.3		31.58 24.17
107#	-46000	-170000#	3.3 4.8			21.1		40.2	
108#	-46250	-170000#	1.9 3.8 3.03	2.75	11.5		23		21.93 28.95
109#	-46500	-170000#	2.9			15.3		17.2	
110#	-46750	-170000#	2.4 3.66	3.17	11.5		13.4		17.87 22.73
111#	-47000	-170000#	2.9			11.5			
112#	-47250	-170000#	1.9 5.4 3.85	3.36	5.7		23		15.07 19.86
113#	-47500	-170000#	1.1			13.4		23.0	
114#	-47750	-170000#	1.9 5.4 3.70	2.83	11.5		13.4		17.71 14.83
115#	-48000	-170000#	3.4 6.1			9.6		36.4	
116#	-48250	-170000#	2.4 2.9 3.81	3.07	7.7		26.8		17.11 24.88
117#	-48500	-170000#	1.9			21.1		21.1	
118#	-48750	-170000#	2.4 3.9 3.73	3.57	26.8		17.2		26.56 17.47
119#	-49000	-170000#	3.8			24.9		24.9	
120#	-49250	-170000#	1.4 3.8 2.97	3.7	15.3		42.1		23.21 35.17
121#	-49500	-170000#	3.3			26.8		28.7	
122#	-49750	-170000#	2.9 3.77	3.19	34.5		21.1		34.22 34.22
123#	-50000	-170000#	4.3			28.7			
124#	-50250	-170000#	2.9 5.3 3.66	3.2	23		47.9		38.44 90.68
125#	-50500	-170000#	4.3 3.9			40.2		59.3	
126#	-50750	-170000#	2.4 2.4 3.29	27.9	28.7		38.3		81.27 44.98
127#	-51000	-170000#	3.4 3.4			42.1		93.8	
128#	-51250	-170000#	207.0 2.0 53.72	3.91			90		
129#	-51500	-170000#	1.4 3.9			26.8		436.4	
130#	-51750	-170000#	1.9 3.3 2.66	28.71	23		157		94.95 74.17
131#	-52000	-170000#	3.9 0.5			155		51.7	
132#	-52250	-170000#	2.5 3.3 3.15	3.53	130.2		55.5		130.4 72.26
133#	-52500	-170000#	3.3 5.1			57.4		78.5	
134#	-52750	-170000#	2.9 3.4 3.73	4.45	38.3		76.6		67.39 260.08
135#	-53000	-170000#	4.3			78.5			
136#	-53250	-170000#	3.4 6.2 4.92	3.39	162.7		109.1		181.6 84.46
137#	-53500	-170000#	5.7 6.2			302.4		118.7	
138#	-53750	-170000#	4.3 6.8 5.16	3.61	97.6		359.9		179.85 144.52
139#	-54000	-170000#	4.7 6.0			143.6		377.1	
140#	-54250	-170000#	3.3 4.2 4.14	4.72	157		157		190.54 207.45
141#	-54500	-170000#	2.3 3.8			229.7		74.7	
142#	-54750	-170000#	2.9 3.4 3.59	5.02	155		124.4		184.12 168.92
143#	-55000	-170000#	3.3 3.7			90		248.8	
144#	-55250	-170000#	2.9 3.8 3.86	3.69	61.3		189.5		147.71 159.83
145#	-55500	-170000#	4.4 5.7			132.1		357.9	

*****	*****						*****	*****	*****	*****	*****	*****	*****			
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M				
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P	
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****	
146#	-55750	-170000#	3.9		5.7				4.14	3.89	59.3		260.3		149.86	76.09
147#	-56000	-170000#		4.8								130.2				
148#	-56250	-170000#	4.3		4.9				4.35	4.06	42.1		147.4		112.77	129.92
149#	-56500	-170000#		3.8		0.5						53.6		23.0		
150#	-56750	-170000#	3.8		4.3				3.89	4.25	53.6		88.1		81.99	241.66
151#	-57000	-170000#		3.3		5.3						107.2		74.7		
152#	-57250	-170000#	3.3		4.3				3.58	3.04	143.6		103.4		159.23	198.35
153#	-57500	-170000#		3.8		5.2						174.2		145.5		
154#	-57750	-170000#	1.9		2.9				3.01	2.17	95.7		262.2		205.41	163.9
155#	-58000	-170000#		1.3		3.4						191.4		562.8		
156#	-58250	-170000#	1.9		2.7				2.47	3.12	145.5		455.6		287.92	148.35
157#	-58500	-170000#		2.3		2.9						459.4		294.8		
158#	-58750	-170000#	1.9		1.3				2.34	2.48	237.4		321.6		302.99	175.14
159#	-59000	-170000#		2.0								197.2				
160#	-59250	-170000#	0.9		2.3				1.98	2.18	178		145.5		192.13	319.66
161#	-59500	-170000#		1.4		3.3						153.1		158.9		
162#	-59750	-170000#	0.9		2.9				1.97	1.72	153.1		179.9		177.3	180.89
163#	-60000	-170000#		1.4		3.3						239.3		145.5		
164#	-60250	-170000#	1.4		2.0				1.99	1.78	90		218.2		150.42	108.15
165#	-60500	-170000#		1.5		2.8						97.6		231.6		
166#	-60750	-170000#	1.4		2.0				1.83	2.45	67		114.8		111.18	131.12
167#	-61000	-170000#		0.9		1.8						63.2		153.1		
168#	-61250	-170000#	1.9		2.4				2.08	1.98	53.6		88.1		95.71	97.86
169#	-61500	-170000#		2.4		2.4						78.5		97.6		
170#	-61750	-170000#	1.4		2.9				2.05	1.73	40.2		90		75.69	85.18
171#	-62000	-170000#		1.9								53.6				
172#	-62250	-170000#	1.9		1.9				1.95	1.79	28.7		68.9		60.53	75.61
173#	-62500	-170000#		1.5		2.4						44		91.9		
174#	-62750	-170000#	1.9		1.9				1.69	1.51	30.6		63.2		58.7	61.97
175#	-63000	-170000#		1.4		1.0						51.7		82.3		
176#	-63250	-170000#	0.5		1.5				1.09	1.39	32.5		72.7		59.34	44.03
177#	-63500	-170000#		0.5		1.4						53.6		90.0		
178#	-63750	-170000#	1.4		1.0				1.23	1.5	32.5		70.8		55.39	62.21
179#	-64000	-170000#		1.9		1.0						53.6		68.9		
180#	-64250	-170000#	1.9		1.4				1.31	1.09	42.1		57.4		56.47	55.75
181#	-64500	-170000#		0.5		0.5						53.6		32.5		
182#	-64750	-170000#	1.9		1.0				1.09	1.27	30.6		70.8		50.25	54.79
183#	-65000	-170000#		0.5								53.6				
184#	-65250	-170000#	1.4		1.4				0.95	0.96	30.6		59.3		47.3	44.5
185#	-65500	-170000#		1.0		0.6						40.2		61.3		
186#	-65750	-170000#	0.5		0.5				0.76	0.91	19.1		42.1		40.68	40.2
187#	-66000	-170000#		0.9		1.0						24.9		68.9		
188#	-66250	-170000#	1.0		0.5				0.83	0.71	15.3		42.1		35.93	36.13
189#	-66500	-170000#		0.5		0.9						28.7		59.3		
190#	-66750	-170000#	0.5		1.5				0.63	0.78	17.2		44		35.69	35.89
191#	-67000	-170000#		0.2		1.0						32.5		45.9		
192#	-67250	-170000#			0.5					19.1			36.4		34.53	39.72
193#	-67500	-170000#		1.3		0.8						34.5		42.1		
194#	-67750	-170000#	0.5		0.5				0.75	1.03	26.8		28.7		35.73	45.94
195#	-68000	-170000#		1.0								38.3				
196#	-68250	-170000#	1.4						0.88	0.7	23				42.35	34.22

[illegible]

SOUTH REGIONAL 1780S 500 FEET ??-??-?? ENVELOP
IP 587.5W-107.5W LENGTH 48000 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH =-Y

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M				
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P	
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	-10750	-178000#	3.9							99.5							
2#	-11000	-178000#		4.8							135.9						
3#	-11250	-178000#	4.3		4.8					109.1		176.1					
4#	-11500	-178000#		3.8		5.1					132.1		197.2				
5#	-11750	-178000#	2.8		5.3					122.5		155					
6#	-12000	-178000#		3.3							151.2						
7#	-12250	-178000#	4.8		5.8				5.02	4.9	135.9		170.4			177.78	170.84
8#	-12500	-178000#		5.7		5.4					172.3		214.4				
9#	-12750	-178000#	5.7		5.7				5.69	5.79	130.2		229.7			187.91	180.17
10#	-13000	-178000#		6.6		5.2					195.2		273.7				
11#	-13250	-178000#			5.7							239.3					
12#	-13500	-178000#	10.6			4.8					212.5		185.7				
13#	-13750	-178000#	7.2		5.7				6.58	5.21	147.4		183.8			196.28	212.71
14#	-14000	-178000#		4.8		6.7					137.8		269.9				
15#	-14250	-178000#	4.2		5.2				5.15	5.35	141.6		235.4			204.02	222.76
16#	-14500	-178000#		5.4		6.6					268		243.1				
17#	-14750	-178000#	3.4		4.7				4.52	3.89	189.5		296.7			237.83	141.65
18#	-15000	-178000#		4.3							237.4						
19#	-15250	-178000#	4.3		3.3				3.80	4.49	107.2		185.7			176.58	190.7
20#	-15500	-178000#		2.9		3.0					84.2		296.7				
21#	-15750	-178000#	4.8		2.4				3.46	4.15	76.6		139.7			140.13	183.52
22#	-16000	-178000#		3.3		2.0					128.2		153.1				
23#	-16250	-178000#	3.3		3.3				3.10	3.69	88.1		149.3			145.2	126.33
24#	-16500	-178000#		2.3		3.8					116.8		208.6				
25#	-16750	-178000#	3.5		3.0				3.35	3.06	84.2		174.2			136.14	184.48
26#	-17000	-178000#		3.8		4.7					128.2		204.8				
27#	-17250	-178000#	2.5		3.4				3.40	3.41	145.5		153.1			166.13	137.82
28#	-17500	-178000#		3.8		3.9					187.6		149.3				
29#	-17750	-178000#	3.8		3.3				3.84	4.87	118.7		193.3			157.2	171.79
30#	-18000	-178000#		2.9							135.9						
31#	-18250	-178000#	10.6		3.8				5.79	4.11	134		141.6			162.7	147.87
32#	-18500	-178000#		2.9		5.7					151.2		202.9				
33#	-18750	-178000#	2.9		5.8				4.21	5.22	111		241.2			148.59	164.62
34#	-19000	-178000#		2.3		6.7					76.6		191.4				
35#	-19250	-178000#	3.8		6.8				4.94	3.85	187.6		187.6			171.4	159.35
36#	-19500	-178000#		5.7		5.3					168.4		143.6				
37#	-19750	-178000#	4.3		5.8				5.01	4.27	122.5		132.1			155.13	173.95
38#	-20000	-178000#		3.3		5.8					103.4		216.3				
39#	-20250	-178000#	2.4		4.3				4.06	4.28	91.9		178			150.42	152.41
40#	-20500	-178000#		4.3		4.7					164.6		233.5				
41#	-20750	-178000#	2.4		4.3				3.60	3.84	105.3		224			160.63	103.84
42#	-21000	-178000#		4.3							137.8						
43#	-21250	-178000#	1.5		3.5				3.21	3.72	78.5		128.2			126.41	144.76

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M				
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****
44#	-21500	-178000#		4.3	0.6						59.3		178.0			
45#	-21750	-178000#	4.3		3.8		3.39		3.45	76.6		109.1			110.86	167.73
46#	-32000	-178000#		1.0	4.3						132.1		112.9			
47#	-32250	-178000#	2.9		3.4		2.79		4.27	153.1		147.4			150.54	120.59
48#	-22500	-178000#		1.4	4.3						185.7		137.8			
49#	-22750	-178000#	4.8		2.4		3.84		2.25	130.2		181.8			144.2	151.22
50#	-23000	-178000#		2.8	6.2						128.2		147.4			
51#	-23250	-178000#	1.9		4.8		3.48		3.83	126.3		120.6			143.48	155.05
52#	-23500	-178000#		4.3	4.8						137.8		160.8			
53#	-23750	-178000#	1.5		2.9		3.91		3.59	132.1		195.2			154.97	143.32
54#	-24000	-178000#		4.2							201					
55#	-24250	-178000#	4.3		5.2		4.45		4.35	147.4		174.2			159.91	123.46
56#	-24500	-178000#		4.8	5.8						126.3		157.0			
57#	-24750	-178000#	4.3		4.8		4.63		3.41	68.9		122.5			120.51	172.51
58#	-25000	-178000#		4.6	3.5						78.5		176.1			
59#	-25250	-178000#	2.9		4.4		3.70		5.13	80.4		132.1			133.23	102.41
60#	-25500	-178000#		3.3	4.8						137.8		170.4			
61#	-25750	-178000#	5.7		2.3		4.48		4.54	78.5		231.6			130.84	96.66
62#	-26000	-178000#		5.2	2.5						137.8		225.9			
63#	-26250	-178000#	3.4		5.1		4.08		4.44	82.3		65.1			112.22	101.93
64#	-26500	-178000#		3.8	5.3						40.2		84.2			
65#	-26750	-178000#	3.3		5.3		4.25		3.96	40.2		55.5			74.41	117.48
66#	-27000	-178000#		3.8							61.3					
67#	-27250	-178000#	3.8		6.2		4.47		4.09	49.8		90			73.22	67.47
68#	-27500	-178000#		3.5	5.3						80.4		99.5			
69#	-27750	-178000#	4.3		3.8		4.51		4.01	34.5		95.7			62.85	53.12
70#	-28000	-178000#		4.3							38.3		91.9			
71#	-28250	-178000#	3.8			3.88			3.78	32.5		36.4			51.68	68.19
72#	-28500	-178000#		3.4	4.3						32.5		59.3			
73#	-28750	-178000#	1.9		3.3		3.58		3.82	36.4		57.4			56.83	65.08
74#	-29000	-178000#		4.3	3.4						67		51.7			
75#	-29250	-178000#	2.4		8.1		3.42		2.69	53.6		141.6			62.45	44.03
76#	-29500	-178000#		3.3	1.0						57.4		47.9			
77#	-29750	-178000#	3.3		2.4		3.18		3.02	34.5		44			50.88	56.23
78#	-30000	-178000#		2.4							30.6					
79#	-30250	-178000#	2.4		2.6		2.19		3.96	28.7		42.1			43.63	52.88
80#	-30500	-178000#		3.4							51.7		47.9			
81#	-30750	-178000#	3.9		3.9		3.04		2.09	23		59.3			41.63	30.63
82#	-31000	-178000#		2.9	0.2						32.5		72.7			
83#	-31250	-178000#	2.4		2.9		2.46		2.73	19.1		42.1			33.9	27.28
84#	-31500	-178000#		1.9	4.0						23		40.2			
85#	-31750	-178000#	2.4		0.9		2.15		2.88	17.2		21.1			26.68	32.3
86#	-32000	-178000#		1.6	3.3						15.3		30.6			
87#	-32250	-178000#	2.9			2.26			2.18	13.4		23			20.74	32.78
88#	-32500	-178000#		1.4							19.1		23.0			
89#	-32750	-178000#	2.9			3.12			2.61	23		19.1			24.09	26.56
90#	-33000	-178000#		2.9							23					
91#	-33250	-178000#	0.5		4.1		2.85		2.46	15.3		26.8			25.12	31.58
92#	-33500	-178000#		3.3							21.1		34.5			
93#	-33750	-178000#	1.0		3.7		2.77		2.81	19.1		28.7			32.46	29.91
94#	-34000	-178000#		1.9	3.9						30.6		57.4			

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****								*****	*****	*****	*****	*****	*****	*****
95#	-34250	-178000#	1.4		2.9			2.79	3.31	26.8		80.4		40.36	47.61
96#	-34500	-178000#		1.9							72.7		26.8		
97#	-34750	-178000#	3.9		5.1			3.47	2.79	72.7		24.9		57.11	33.02
98#	-35000	-178000#		2.4							36.4		34.5		
99#	-35250	-178000#	1.9		3.8			3.32	2.97	19.1		51.7		36.13	91.88
100#	-35500	-178000#		3.9		4.0					34.5		76.6		
101#	-35750	-178000#	2.4		3.8			3.24	3.91	40.2		55.5		70.11	32.06
102#	-36000	-178000#		2.9							78.5				
103#	-36250	-178000#	3.7		2.0			3.61	2.91	17.2		114.8		65.16	44.03
104#	-36500	-178000#		3.8		3.9					30.6		218.2		
105#	-36750	-178000#	3.3		2.9			3.19	3.52	28.7		61.3		62.93	66.52
106#	-37000	-178000#		1.9		5.7					51.7		40.2		
107#	-37250	-178000#	2.8		2.3			3.12	2.71	55.5		36.4		70.3	66.28
108#	-37500	-178000#		3.3		2.8					49.8		74.7		
109#	-37750	-178000#	1.9		3.4			2.95	3.07	32.5		112.9		61.33	104.56
110#	-38000	-178000#		1.9		4.2					86.1		86.1		
111#	-38250	-178000#	1.9		3.3			2.92	3.44	65.1		72.7		79.68	46.42
112#	-38500	-178000#		3.9							72.7		82.3		
113#	-38750	-178000#	2.9		3.4			3.49	2.65	26.8		93.8		61.01	76.33
114#	-39000	-178000#		3.3							44				
115#	-39250	-178000#	2.4		5.2			3.04	3.68	45.9		74.7		65.24	60.06
116#	-39500	-178000#		2.4		2.9					70.8		67.0		
117#	-39750	-178000#			3.3					15.3		97.6		60.85	49.53
118#	-40000	-178000#		4.6		3.0					149.3		57.4		
119#	-40250	-178000#	3.8		3.4			3.54	3.27	40.2		28.7		57.03	45.22
120#	-40500	-178000#		3.4							32.5		28.7		
121#	-40750	-178000#	3.8					3.20	3.45	24.9		26.8		31.66	75.61
122#	-41000	-178000#		2.9							23		30.6		
123#	-41250	-178000#	2.9		2.4			2.99	3.07	36.4		34.5		41.55	41.15
124#	-41500	-178000#		3.3		2.8					55.5		59.3		
125#	-41750	-178000#	1.4		3.9			2.67	2.38	26.8		91.9		46.98	29.43
126#	-42000	-178000#		3.3							49.8				
127#	-42250	-178000#	1.4		3.1			2.52	2.21	26.8		53.6		43.95	33.02
128#	-42500	-178000#		1.9							36.4		55.5		
129#	-42750	-178000#	1.1		2.6			2.00	2.53	38.3		36.4		35.81	45.7
130#	-43000	-178000#		2.4							30.6		21.1		
131#	-43250	-178000#	1.4		2.7			2.28	3.57	28.7		17.2		30.95	54.31
132#	-43500	-178000#		1.4							19.1		30.6		
133#	-43750	-178000#	3.8		2.9			3.43	3	23		36.4		34.73	53.84
134#	-44000	-178000#		2.9		3.1					36.4		53.6		
135#	-44250	-178000#	1.9		4.8			3.54	3.6	36.4		63.2		55.35	55.99
136#	-44500	-178000#		4.3		5.5					74.7		91.9		
137#	-44750	-178000#	4.3		5.3			4.49	3.72	55.5		112.9		79.68	58.86
138#	-45000	-178000#		5.3							88.1				
139#	-45250	-178000#	5.8		4.4			4.87	4.03	61.3		111		88.13	95.95
140#	-45500	-178000#		4.3		3.4					86.1		112.9		
141#	-45750	-178000#	5.2		4.3			4.19	4.8	145.5		76.6		116.76	137.82
142#	-46000	-178000#		3.4		3.9					105.3		107.2		
143#	-46250	-178000#	4.7		3.3			4.06	4.44	153.1		137.8		144.6	244.05
144#	-46500	-178000#		4.8		3.8					191.4		132.1		
145#	-46750	-178000#	3.8		4.3			3.98	3.53	224		197.2		225.47	203.38

*****	*****						*****	*****	*****	*****	*****	*****	*****		
#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
146#	-47000	-178000#		3.9	2.7						229.7		206.7		
147#	-47250	-178000#	1.4	4.3			3.31		3.65	424.9		478.5		316.95	197.64
148#	-47500	-178000#		4.2	4.7						379		338.8		
149#	-47750	-178000#	2.0	3.4			3.40		3.17	331.1		262.2		297.25	189.98
150#	-48000	-178000#		3.9							258.4				
151#	-48250	-178000#	2.8	3.2			3.37		3.68	201		202.9		193.49	272.29
152#	-48500	-178000#		2.8	4.4						128.2		128.2		
153#	-48750	-178000#	3.7	2.8			3.67		3.41	248.8		101.4		173.87	228.02
154#	-49000	-178000#		4.4	3.4						151.2		105.3		
155#	-49250	-178000#	3.9	3.9			3.60		3.61	101.4		168.4		148.55	270.37
156#	-49500	-178000#		3.3	4.3						137.8		214.4		
157#	-49750	-178000#	2.8	1.8			3.29		3.99	118.7		181.8		197.4	137.34
158#	-50000	-178000#		3.3	3.4						176.1		342.6		
159#	-50250	-178000#	2.8	3.4			3.56		4.01	74.7		338.8		211.51	119.63
160#	-50500	-178000#		4.4	4.7						168.4		474.7		
161#	-50750	-178000#	4.3	4.9			4.38		3.81	105.3		245		197.87	138.78
162#	-51000	-178000#		4.3							166.5				
163#	-51250	-178000#	3.9	5.2			4.54		4.02	111		70.8		153.21	221.8
164#	-51500	-178000#		4.8	4.8						57.4		84.2		
165#	-51750	-178000#	3.3	5.3			4.37		10.7	70.8		82.3		129.76	316.79
166#	-52000	-178000#		4.8	4.2						120.6		212.5		
167#	-52250	-178000#	4.3	4.2			7.66		6.06	193.3		319.7		257.37	116.28
168#	-52500	-178000#		5.1	4.3						463.2		308.2		
169#	-52750	-178000#	5.3	4.2			8.41		5.21	128.2		467.1		250.07	109.82
170#	-53000	-178000#		5.7	54.2						126.3		413.5		
171#	-53250	-178000#	5.3	7.2			9.82		4.64	101.4		105.3		185.75	283.77
172#	-53500	-178000#		5.3	8.5						86.1		185.7		
173#	-53750	-178000#	2.8	7.2			9.30		4.53	149.3		126.3		214.3	218.93
174#	-54000	-178000#		5.3							333.1				
175#	-54250	-178000#	5.3	5.2			5.22		10.54	132.1		246.9		212.15	169.4
176#	-54500	-178000#		2.9	5.0						114.8		417.3		
177#	-54750	-178000#	5.2	4.3			4.16		4.83	63.2		216.3		177.38	188.3
178#	-55000	-178000#		2.9	4.3						126.3		285.2		
179#	-55250	-178000#	2.4	2.9			3.25		2.93	105.3		172.3		187.75	124.66
180#	-55500	-178000#		2.9	3.8						162.7		239.3		
181#	-55750	-178000#	1.5	2.8			2.44		3.1	76.6		250.8		154.09	214.14
182#	-56000	-178000#		1.0	4.2						126.3		210.6		
183#	-56250	-178000#	0.9	1.9			2.08		2.46	128.2		116.8		157.6	168.21
184#	-56500	-178000#		1.8	2.9						141.6		126.3		
185#	-56750	-178000#	0.2	2.4			1.97		1.79	23		160.8		132.55	213.91
186#	-57000	-178000#		1.9							137.8				
187#	-57250	-178000#	1.5	1.5			1.97		1.56	124.4		212.5		192.45	150.74
188#	-57500	-178000#		1.3	4.4						224		275.6		
189#	-57750	-178000#	0.5	2.0			1.39		1.99	122.5		281.4		207.13	133.75
190#	-58000	-178000#		1.0	1.0						168.4		336.9		
191#	-58250	-178000#	1.0	1.0			1.57		1.11	97.6		197.2		185.43	186.31
192#	-58500	-178000#		1.8	1.8						132.1		225.9		
193#	-58750	-178000#		1.5								164.6			
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****

AFT ER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 1805S 500 FEET 18-7-66 ENVELOPE
IP 345W TO 285W LENGTH 6000 FEET
ALONG LINE STATIONS INCREASE WEST = -X, INCREASE

*****							*****		*****		*****		*****		*****		*****	
#		FREQ. EFFECT							APP. R		ESIST O		HM.M					
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P		
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
1#	-29250	-180500#		1.9		3.9				53.6		68.9						
2#	-29500	-180500#			1.9		3.4				53.6		86.1					
3#	-29750	-180500#		4.8		3.3				34.5		67						
4#	-30000	-180500#			3.8		1.5				57.4		86.1					
5#	-30250	-180500#		3.4		2.8				28.7		76.6						
6#	-30500	-180500#			3.8		2.4				45.9		82.3					
7#	-30750	-180500#		1.9		2.9			2.41	2.88	32.5		51.7			50.49	52.4	
8#	-31000	-180500#			1.9		2.9				42.1		55.5					
9#	-31250	-180500#		1.9		2.4			2.24	2.57	36.4		44			46.98	56.23	
10#	-31500	-180500#			2.4		1.9				47.9		47.9					
11#	-31750	-180500#		1.9		1.9			2.36	2.22	40.2		51.7			48.01	53.12	
12#	-32000	-180500#			2.4		2.9				53.6		44.0					
13#	-32250	-180500#		1.9		2.4			2.30	2.4	38.3		44			49.17	66.76	
14#	-32500	-180500#			2.4		3.8				40.2		70.8					
15#	-32750	-180500#		1.9		2.4			2.43	2.4	42.1		65.1			61.49	87.81	
16#	-33000	-180500#			2.9		1.9				74.7		68.9					
17#	-33250	-180500#		1.9		2.4			2.51	2.39	55.5		80.4			90.04	57.19	
18#	-33500	-180500#			1.5		2.4				76.6		149.3					
19#	-33750	-180500#		1.4		4.4			2.26	2.77	30.6		162.7			94.83	66.52	
20#	-34000	-180500#			1.9		3.2				82.3		216.3					
21#	-34250	-180500#			3.4								130.2					
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	

AFTER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 1820S 500 FEET 15-11-65 ENVELOPE
 7-11-65 ENVELOPE
 IP 490W-52.5W LENGTH 437 500 FEET
 ALONG LINE STATIONS INCREASE WEST = -X, INCREASE
 TRAVERSES INCREASE SOUTH = -Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	#	FREQ. EFFECT		%	APP. R	ESIST O	HM.M		
*****	X	Y # N=1 N=2 N=3 N=4 FRASER	MIXED-P	% N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	-6000 -182000#	2.9 3.0		%	88.1		273.7		
2#	-6250 -182000#	2.4 2.4		95.70%		147.4			
3#	-6500 -182000#	1.4 2.9		%	155		130.2		
4#	-6750 -182000#	1.9 1.9		168.40%		155			
5#	-7000 -182000#	1.5 1.4		%	191.4		36.4		
6#	-7250 -182000#	1.3 2.8	2.11	224.00%		53.6		141.25	205.77
7#	-7500 -182000#	2.9 2.8		%	82.3		86.1		
8#	-7750 -182000#	2.9 2.9	2.71	68.90%		151.2		130.88	171.32
9#	-8000 -182000#	2.9		%	160.8				
10#	-8250 -182000#	3.4 2.4	3.05	80.40%		268		170.44	61.01
11#	-8500 -182000#	3.3 2.8		%	128.2		403.9		
12#	-8750 -182000#	4.3 3.4	3.64	40.20%		210.6		139.81	91.16
13#	-9000 -182000#	4.8 2.8		%	49.8		250.8		
14#	-9250 -182000#	3.3 2.9	3.79	47.90%		53.6		104.92	108.39
15#	-9500 -182000#	3.3 4.3		%	57.4		103.4		
16#	-9750 -182000#	3.8 5.3	4.16	47.90%		51.7		76.84	171.56
17#	-10000 -182000#	4.8 5.7		%	47.9		93.8		
18#	-10250 -182000#	3.8 5.3	4.83	45.90%		86.1		77.04	88.77
19#	-10500 -182000#	5.8 4.4		%	90		124.4		
20#	-10750 -182000#	2.8 5.8	4.27	63.20%		120.6		86.46	59.82
21#	-11000 -182000#	3.9		%	101.4				
22#	-11250 -182000#	2.4 3.3	3.42	63.20%		70.8		76.25	107.91
23#	-11500 -182000#	2.4 3.8		%	51.7		65.1		
24#	-11750 -182000#	1.9 3.3	2.52	101.40%		47.9		92.76	207.21
25#	-12000 -182000#	0.9 3.8		%	103.4		67.0		
26#	-12250 -182000#	1.4 2.3	2.19	195.20%		166.5		191.25	177.06
27#	-12500 -182000#	2.3 2.9		%	333.1		158.9		
28#	-12750 -182000#	2.0 2.0	2.43	181.80%		329.2		227.66	140.45
29#	-13000 -182000#	2.3 2.3		%	178		390.5		
30#	-13250 -182000#	2.4 2.9	2.63	172.30%		239.3		231.45	197.87
31#	-13500 -182000#	2.9 3.0		%	208.6		296.7		
32#	-13750 -182000#	1.9 3.5	2.38	157.00%		266.1		229.62	189.26
33#	-14000 -182000#	1.4		%	202.9				
34#	-14250 -182000#	1.5 2.5	2.00	166.50%		245		203.38	211.51
35#	-14500 -182000#	2.0 2.3		%	179.9		229.7		
36#	-14750 -182000#	2.9 1.4	2.52	172.30%		170.4		183.04	207.21
37#	-15000 -182000#	2.9 1.9		%	162.7		158.9		
38#	-15250 -182000#	1.9 3.2	2.48	158.90%		160.8		173.51	172.51
39#	-15500 -182000#	3.3 2.8		%	151.2		201.0		
40#	-15750 -182000#	2.4 2.4	2.61	134.00%		199.1		165.77	176.34
41#	-16000 -182000#	0.9 3.2		%	174.2		216.3		
42#	-16250 -182000#	0.9 3.3	2.31	147.40%		206.7		171.95	145.24
43#	-16500 -182000#	2.9 3.9		%	181.8		134.0		
44#	-16750 -182000#	2.5 3.8	3.05	189.50%		130.2		162.86	141.65
45#	-17000 -182000#	2.9		%	116.8				
46#	-17250 -182000#	3.4 3.8	3.09	112.90%		135.9		116.44	182.8
47#	-17500 -182000#	3.4 2.4		%	139.7		114.8		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****						
	#	FREQ. EFFECT						%		APP. R	ESIST O	HM.M					
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	%	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
48#	-17750	-182000#	2.4		2.8			2.93	3.66	149.30%			134			137.66	114.85
49#	-18000	-182000#		3.3		0.8				%		132.1		24.9			
50#	-18250	-182000#	2.9		4.2			3.23	2.47	70.80%			141.6			110.54	97.86
51#	-18500	-182000#		3.3		3.9				%		72.7		245.0			
52#	-18750	-182000#	1.0		3.8			2.73	2.5	42.10%			126.3			91.68	89.49
53#	-19000	-182000#		3.4		5.3				%		82.3		155.0			
54#	-19250	-182000#	1.9		3.3			2.80	2.77	42.10%			107.2			90.36	62.93
55#	-19500	-182000#		1.9		1.3				%		61.3		63.2			
56#	-19750	-182000#	3.3		2.4			2.98	2.85	49.80%			45.9			67	108.87
57#	-20000	-182000#		2.4						%		38.3					
58#	-20250	-182000#	2.2		3.7			2.50	2.69	59.30%			65.1			70.98	110.54
59#	-20500	-182000#		2.9		3.4				%		114.8		68.9			
60#	-20750	-182000#	2.4		3.8			2.45	1.82	63.20%			135.9			99.69	75.13
61#	-21000	-182000#		1.4		1.0				%		103.4		65.1			
62#	-21250	-182000#	1.0		1.9			1.76	2.27	42.10%			128.2			95.71	96.43
63#	-21500	-182000#		1.4		1.9				%		65.1		216.3			
64#	-21750	-182000#	1.4		2.0			1.69	2.51	57.40%			109.1			104.36	95.47
65#	-22000	-182000#		2.0		2.0				%		103.4		178.0			
66#	-22250	-182000#	2.8		1.9			2.19	2.37	91.90%			172.3			128.09	91.16
67#	-22500	-182000#		1.4		2.0				%		160.8		97.6			
68#	-22750	-182000#	3.3		2.8			2.66	2.41	122.50%			91.9			123.78	156
69#	-23000	-182000#		2.7						%		91.9					
70#	-23250	-182000#	2.9		2.9			2.79	2.52	168.40%			103.4			140.53	218.69
71#	-23500	-182000#		2.5		4.3				%		191.4		95.7			
72#	-23750	-182000#	2.5		1.8			2.85	3.39	306.30%			179.9			226.99	135.9
73#	-24000	-182000#		3.4		3.4				%		283.3		187.6			
74#	-24250	-182000#	2.4		1.9			3.29	3.06	143.60%			275.6			187.31	197.64
75#	-24500	-182000#		3.9		3.8				%		162.7		250.8			
76#	-24750	-182000#	4.3		4.4			3.71	3.46	237.40%			174.2			210.4	172.51
77#	-25000	-182000#		4.3		6.1				%		266.1		157.0			
78#	-25250	-182000#	3.3		0.3			3.74	3.05	256.50%			151.2			205.21	186.87
79#	-25500	-182000#		3.8		3.9				%		145.5		162.7			
80#	-25750	-182000#	2.4		4.3			3.18	3.29	149.30%			179.9			157.6	179.45
81#	-26000	-182000#		4.2						%		183.8					
82#	-26250	-182000#	2.4		2.4			2.94	2.71	109.10%			147.4			139.81	128.01
83#	-26500	-182000#		2.0		2.0				%		109.1		151.2			
84#	-26750	-182000#	1.9		3.3			2.27	3.35	68.90%			122.5			111.66	135.9
85#	-27000	-182000#		1.5		2.9				%		97.6		147.4			
86#	-27250	-182000#	2.8		2.9			2.69	2.58	86.10%			130.2			115.29	84.7
87#	-27500	-182000#		2.4		2.9				%		134		124.4			
88#	-27750	-182000#	2.9		3.8			2.97	2.64	68.90%			135.9			100.73	97.86
89#	-28000	-182000#		3.3		2.9				%		95.7		95.7			
90#	-28250	-182000#	3.4		3.3			3.17	2.83	65.10%			72.7			80.31	99.54
91#	-28500	-182000#		2.8		2.4				%		59.3		57.4			
92#	-28750	-182000#	2.9		3.3			2.93	3.24	68.90%			49.8			70.74	90.2
93#	-29000	-182000#		3.4						%		61.3					
94#	-29250	-182000#	2.9		2.8			3.00	2.97	45.90%			86.1			68.43	64.84
95#	-29500	-182000#		3.3		2.4				%		88.1		99.5			
96#	-29750	-182000#	3.3		3.3			3.02	2.7	49.80%			88.1			69.79	51.68
97#	-30000	-182000#		2.7		2.9				%		63.2		78.5			
98#	-30250	-182000#	2.5		1.9			2.55	2.62	38.30%			57.4			57.3	70.58
99#	-30500	-182000#		1.0		3.8				%		40.2		51.7			
100#	-30750	-182000#	4.3		3.8			2.72	2.38	40.20%			38.3			56.07	81.35
101#	-31000	-182000#		1.9		2.4				%		49.8		82.3			
102#	-31250	-182000#	1.4		1.4			2.17	2.27	61.30%			109.1			72.66	76.57

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
#	FREQ. EFFECT					%	APP. R	ESIST O	HM.M
No	X	Y	#	N=1 N=2 N=3 N=4 FRASER	MIXED-P	% N=1 N=2	N=3	N=4	FRASER MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
103#	-31500	-182000#	2.4	1.9		%	120.6	70.8	
104#	-31750	-182000#	1.9	1.9	2.01	2.68	72.70%	80.4	91.24 55.75
105#	-32000	-182000#	1.9				59.3		
106#	-32250	-182000#	2.4	1.9	2.29	2.32	23.00%	111	68.43 139.97
107#	-32500	-182000#	2.4	2.5			51.7	153.1	
108#	-32750	-182000#	2.4	3.4	2.52	2.51	124.40%	74.7	132.24 91.4
109#	-33000	-182000#	2.9	2.4			181.8	95.7	
110#	-33250	-182000#	2.4	3.2	2.82	3	97.60%	216.3	135.9 154.09
111#	-33500	-182000#	3.4	1.9			130.2	212.5	
112#	-33750	-182000#	3.3	3.3	3.21	3.08	164.60%	122.5	165.29 199.55
113#	-34000	-182000#	3.9	2.8			168.4	147.4	
114#	-34250	-182000#	3.9	3.4	3.44	3.21	260.30%	210.6	230.81 199.55
115#	-34500	-182000#	3.7	3.4			333.1	201.0	
116#	-34750	-182000#	2.8	3.4	3.29	3.17	281.40%	342.6	259.69 206.49
117#	-35000	-182000#	3.9				325.4		
118#	-35250	-182000#	2.9	3.4	3.28	3.03	287.10%	210.6	247.56 232.57
119#	-35500	-182000#	3.8	3.3			187.6	172.3	
120#	-35750	-182000#	2.9	3.3	3.02	3.34	191.40%	176.1	202.82 216.3
121#	-36000	-182000#	1.9	2.4			170.4	237.4	
122#	-36250	-182000#	2.8	3.9	3.00	3.47	105.30%	231.6	169.04 120.59
123#	-36500	-182000#	3.4	2.9			155	294.8	
124#	-36750	-182000#	2.9	3.0	3.20	3.08	90.00%	212.5	141.81 120.35
125#	-37000	-182000#	2.8	3.9			118.7	101.4	
126#	-37250	-182000#	2.9	3.3	3.27	3.18	82.30%	63.2	104.56 109.82
127#	-37500	-182000#	3.3	4.3			44	51.7	
128#	-37750	-182000#	2.9	3.8	3.43	2.53	34.50%	40.2	48.09 115.33
129#	-38000	-182000#	4.3				42.1		
130#	-38250	-182000#	3.4	2.9	3.05	2.69	42.10%	42.1	47.22 45.94
131#	-38500	-182000#	1.9	2.8			49.8	45.9	
132#	-38750	-182000#	2.4	2.9	2.21	2.94	21.10%	55.5	38.76 35.41
133#	-39000	-182000#	3.3	0.5			26.8	67.0	
134#	-39250	-182000#	2.9	0.5	2.19	1.44	17.20%	32.5	32.38 37.33
135#	-39500	-182000#	1.4	1.9			21.1	44.0	
136#	-39750	-182000#	0.5	2.9	1.07	2.27	28.70%	30.6	35.57 38.52
137#	-40000	-182000#	1.0	0.5			40.2	38.3	
138#	-40250	-182000#	0.9	1.9	1.25	1.2	36.40%	47.9	39 34.93
139#	-40500	-182000#	1.4	0.5			45.9	34.5	
140#	-40750	-182000#	2.4	1.0	1.53	2.04	34.50%	34.5	36.45 37.8
141#	-41000	-182000#	1.9				28.7		
142#	-41250	-182000#	1.9	1.4	1.76	1.92	24.90%	32.5	32.94 44.03
143#	-41500	-182000#	1.9	1.0			30.6	34.5	
144#	-41750	-182000#	0.5	2.4	1.82	1.68	19.10%	32.5	37.09 32.3
145#	-42000	-182000#	1.4	3.3			24.9	63.2	
146#	-42250	-182000#	1.0	3.3	2.08	1.91	15.30%	49.8	35.97 35.41
147#	-42500	-182000#	2.9	3.9			26.8	91.9	
148#	-42750	-182000#	2.9	1.9	2.81	1.86	23.00%	53.6	41.75 27.76
149#	-43000	-182000#	2.4	2.4			47.9	40.2	
150#	-43250	-182000#	1.9	2.4	2.56	3.04	28.70%	34.5	40.76 38.76
151#	-43500	-182000#	2.9				23	47.9	
152#	-43750	-182000#	2.9	3.3	2.69	2.79	34.50%	28.7	35.57 52.4
153#	-44000	-182000#	2.4				49.8		
154#	-44250	-182000#	3.3		3.08	2.63	40.20%	23	42.03 78.24
155#	-44500	-182000#	2.9				24.9	40.2	
156#	-44750	-182000#	2.9	2.6	2.78	2.73	38.30%	49.8	70.42 85.18
157#	-45000	-182000#	3.4	3.4			84.2	82.3	

[illegible]

AFTER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 1820S 500 FEET ??-??-?? ENVELOPE 2080 XX11-15

IP 325W-492.5w

ALONG LINE STATIONS INCREASE WEST =-X, INCREASE EAST =+X

#	#	FREQ. EFFECT				%	APP. RESIST OHM.M				#					
# No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	%	N=1	N=2	N=3	N=4	FRASER	MIXED-F
#	1#	-44750	-234000#		4.3					%	45.9					#
#	2#	-44500	-234000#	3.8		8.6				%	23.0		49.8			#
#	3#	-44250	-234000#		4.8		5.3			%	32.5		57.4			#
#	4#	-44000	-234000#	5.3		4.3				%	21.1		40.2			#

AFT ER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 1860S 500 FEET 12-10-62 ENVELOP
 IP W-690 to W-17.5 LENGTH 67 250 FEET
 ALONG LINE STATIONS INCREASE WEST =-X, INCREASE

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	#	FREQ. EFFECT	MIXED-P	N=1	N=2	APP. R	ESIST O	HM.M	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	-1750	-186000#	2.4		95.7					
2#	-2000	-186000#	2.4			90				
3#	-2250	-186000#	0.9	2.4	91.9		88.1			
4#	-2500	-186000#	2.4	5.5		109.1		170.4		
5#	-2750	-186000#	2.4	3.3	61.3		103.4			
6#	-3000	-186000#	1.9	2.9		65.1		170.4		
7#	-3250	-186000#	2.4	1.9	2.51	2.87	34.5	112.9	84.06	90.92
8#	-3500	-186000#	1.4	2.0		65.1		130.2		
9#	-3750	-186000#	0.9	2.4	2.15	3.33	55.5	74.7	86.73	91.16
10#	-4000	-186000#	2.4	3.3			74.7	88.1		
11#	-4250	-186000#	1.0	3.4	2.52	3.12	40.2	93.8	76.49	110.78
12#	-4500	-186000#	1.9	4.5		61.3		122.5		
13#	-4750	-186000#	2.4	5.3	3.73	3.42	76.6	84.2	98.34	111.98
14#	-5000	-186000#	5.8				128.2			
15#	-5250	-186000#	3.8	4.8	4.81	3.43	151.2	103.4	132.79	111.98
16#	-5500	-186000#	4.7	4.9			76.6	174.2		
17#	-5750	-186000#	3.8	5.8	4.48	4.59	103.4	134	132.24	136.62
18#	-6000	-186000#	3.4	5.4			126.3	214.4		
19#	-6250	-186000#	3.1	4.9	4.27	4.62	130.2	222	158	107.91
20#	-6500	-186000#	4.7	4.4			237.4	124.4		
21#	-6750	-186000#	4.2	3.8	4.69	4.43	157	158.9	155.88	132.32
22#	-7000	-186000#	4.7	5.6			128.2	80.4		
23#	-7250	-186000#	4.4	5.7	4.60	4.99	109.1	72.7	109.66	196.2
24#	-7500	-186000#	3.8	4.4			76.6	111.0		
25#	-7750	-186000#	4.8	5.2	4.93	4.73	74.7	134	122.9	113.89
26#	-8000	-186000#	4.3				147.4			
27#	-8250	-186000#	4.8	5.3	5.04	5.07	57.4	229.7	127.37	72.26
28#	-8500	-186000#	5.3	6.3			80.4	287.1		
29#	-8750	-186000#	5.7	6.2	5.44	4.56	36.4	105.3	105.12	95.23
30#	-9000	-186000#	6.2	4.3			49.8	147.4		
31#	-9250	-186000#	4.8	4.8	4.97	4.6	38.3	65.1	87.77	97.14
32#	-9500	-186000#	4.3	3.8			57.4	122.5		
33#	-9750	-186000#	4.3	4.8	4.31	5.53	53.6	109.1	85.54	121.79
34#	-10000	-186000#	4.8	3.9			101.4	107.2		
35#	-10250	-186000#	4.3	3.9	4.39	3.94	63.2	107.2	87.81	81.59
36#	-10500	-186000#	4.8	3.8			76.6	84.2		
37#	-10750	-186000#	2.9	5.3	3.84	3.88	53.6	67	78.64	130.4
38#	-11000	-186000#	4.8				53.6			
39#	-11250	-186000#	2.3	3.4	3.39	3.89	93.8	93.8	113.17	114.37
40#	-11500	-186000#	2.4	2.8			172.3	128.2		
41#	-11750	-186000#	4.8		3.63	3.93	116.8	258.4	148.51	89.01
42#	-12000	-186000#	3.9				195.2			
43#	-12250	-186000#	3.3	3.1	3.56	3.99	122.5	103.4	137.5	115.81
44#	-12500	-186000#	4.8	3.9			107.2	155.0		
45#	-12750	-186000#	4.3	3.3	3.98	3.07	112.9	101.4	109.9	132.79
46#	-13000	-186000#	2.4				118.7	82.3		
47#	-13250	-186000#	2.2	3.4	3.22	3.91	47.9	86.1	90.04	99.06
48#	-13500	-186000#	2.9	5.6			78.5	112.9		
49#	-13750	-186000#	8.4	3.3	4.59	3.63	105.3	103.4	93.16	94.03
50#	-14000	-186000#	2.4				70.8			

*****	*****	*****					*****	*****	*****	*****	*****	*****	*****	
		#	FREQ. EFFECT								APP. R	ESIST O	HM.M	
No	X	Y #	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
51#	-14250	-186000#	4.8	2.4		3.91		3.89	70.8		93.8		85.9	63.41
52#	-14500	-186000#		4.3	2.9					88.1		99.5		
53#	-14750	-186000#	2.4	3.4		3.21		3.64	32.5		86.1		61.25	65.32
54#	-15000	-186000#		2.4	4.8					38.3		84.2		
55#	-15250	-186000#	1.4	3.8		3.04		2.82	28.7		32.5		47.81	57.19
56#	-15500	-186000#		4.3						28.7		51.7		
57#	-15750	-186000#	1.9	2.9		3.07		2.44	23		45.9		42.11	61.49
58#	-16000	-186000#		1.4	4.3					42.1		61.3		
59#	-16250	-186000#	2.7	3.3		2.75		3.59	34.5		59.3		47.93	39.24
60#	-16500	-186000#		2.4	3.4					51.7		59.3		
61#	-16750	-186000#	1.9	1.4		2.89		3.82	26.8		53.6		44.58	43.07
62#	-17000	-186000#		3.8						49.8				
63#	-17250	-186000#	4.8	3.3		3.94		3.37	51.7		38.3		45.94	52.64
64#	-17500	-186000#		3.4						42.1		30.6		
65#	-17750	-186000#	3.8	2.9		3.87		3.42	42.1		34.5		44.34	96.19
66#	-18000	-186000#		2.9	6.2					34.5		42.1		
67#	-18250	-186000#	3.3	4.8		3.64		3.52	67		55.5		80.27	53.12
68#	-18500	-186000#		2.8	3.5					112.9		90.0		
69#	-18750	-186000#	2.9	4.8		3.61		2.85	42.1		191.4		84.18	39
70#	-19000	-186000#		3.4	2.9					74.7		183.8		
71#	-19250	-186000#	1.9	3.4		3.08		4.08	44		78.5		77.6	61.25
72#	-19500	-186000#		2.9	4.0					38.3		53.6		
73#	-19750	-186000#	3.8	3.3		3.60		3.55	44		32.5		62.29	88.29
74#	-20000	-186000#		3.4						32.5				
75#	-20250	-186000#	2.9	4.3		3.61		3.67	30.6		65.1		58.14	70.82
76#	-20500	-186000#		3.4	4.5					68.9		95.7		
77#	-20750	-186000#	2.4	3.3		3.77		3.84	34.5		103.4		65.72	39.24
78#	-21000	-186000#		3.4	5.3					53.6		103.4		
79#	-21250	-186000#	3.8	5.3		4.28		3.85	26.8		55.5		55.43	60.3
80#	-21500	-186000#		4.8	5.3					30.6		78.5		
81#	-21750	-186000#	3.4	5.3		4.27		3.93	65.1		44		63.05	85.18
82#	-22000	-186000#		4.8	3.3					95.7		63.2		
83#	-22250	-186000#	3.3	1.8		4.06		4.32	88.1		49.8		82.63	72.26
84#	-22500	-186000#		3.8	5.4					157		51.7		
85#	-22750	-186000#	3.9	4.8		3.83		3.9	124.4		61.3		87.89	72.26
86#	-23000	-186000#		2.9						42.1				
87#	-23250	-186000#	2.4	5.2		3.52		3.27	30.6		68.9		58.14	83.03
88#	-23500	-186000#		2.9	3.9					63.2		88.1		
89#	-23750	-186000#	3.8	3.4		3.60		3.72	44		84.2		68.59	38.28
90#	-24000	-186000#		2.9	3.8					70.8		93.8		
91#	-24250	-186000#	3.8	2.9		3.39		3.43	26.8		80.4		53.68	45.94
92#	-24500	-186000#		1.4	3.8					30.6		74.7		
93#	-24750	-186000#	1.9	4.0		2.99		3.73	30.6		28.7		43.63	60.53
94#	-25000	-186000#		3.4	5.0					32.5		34.5		
95#	-25250	-186000#	3.8	3.3		3.93		3.33	34.5		44		40.99	55.27
96#	-25500	-186000#		3.8						47.9		42.1		
97#	-25750	-186000#	4.3	4.3		4.19		3.7	53.6		44		48.01	40.68
98#	-26000	-186000#		5.1						51.7				
99#	-26250	-186000#	3.8	3.8		3.92		4.11	34.5		42.1		42.35	45.7
100#	-26500	-186000#		3.7	3.4					38.3		59.3		
101#	-26750	-186000#	3.3	2.9		3.77		3.79	40.2		44		44.5	39
102#	-27000	-186000#		4.8	4.2					53.6		38.3		
103#	-27250	-186000#	2.9	4.3		3.57		3.24	36.4		47.9		41.63	31.58
104#	-27500	-186000#		3.3	4.0					34.5		44.0		
105#	-27750	-186000#	1.0	3.3		3.12		3.31	19.1		34.5		30.03	44.98
106#	-28000	-186000#		3.8						23		34.5		

[illegible]

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
		#	FREQ. EFFECT									APP. R	ESIST O	HM.M	
No	X	Y #	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
163#	-42250	-186000#	5.8				4.48	3.63	13.4		36.4			26.4	35.89
164#	-42500	-186000#		3.8		3.8				24.9		42.1			
165#	-42750	-186000#	2.1		2.9		3.00	19.66	26.8		28.7			31.98	22.01
166#	-43000	-186000#		3.4		3.8				28.7		26.8			
167#	-43250	-186000#	125.0		2.9		34.22	3.19			23				
168#	-43500	-186000#		5.9		2.6				13.4		55.5			
169#	-43750	-186000#	2.4		5.7		3.68	18.62	23		28.7			32.14	36.13
170#	-44000	-186000#		2.4						45.9					
171#	-44250	-186000#	2.4		1.9		3.62	3.84	34.5		47.9			40.91	32.78
172#	-44500	-186000#		3.8		7.7				40.2		45.9			
173#	-44750	-186000#	5.3		3.8		4.43	3.36	36.4		38.3			43.63	92.84
174#	-45000	-186000#		3.8						40.2		42.1			
175#	-45250	-186000#	4.8				4.15	3.32	80.4					91.52	161.27
176#	-45500	-186000#		3.4		3.8				120.6		76.6			
177#	-45750	-186000#	4.7		3.4		3.57	4.81	124.4		202.9			161.51	123.46
178#	-46000	-186000#		3.3		2.1				218.2		174.2			
179#	-46250	-186000#	3.8		3.8		3.30	3.7	222		199.1			214.86	171.56
180#	-46500	-186000#		2.9		1.9				210.6		312.0			
181#	-46750	-186000#	3.8		4.0		3.31	3.61	164.6		304.3			217.34	197.87
182#	-47000	-186000#		3.3						239.3					
183#	-47250	-186000#	3.4		3.2		3.36	2.59	229.7		231.6			256.73	147.63
184#	-47500	-186000#		3.8		3.9				289		218.2			
185#	-47750	-186000#	2.9		3.5		3.07	2.68	139.7		268			180.17	221.8
186#	-48000	-186000#		1.7						72.7					
187#	-48250	-186000#	3.0		1.4		2.48	2.12	248.8		45.9			174.98	224.43
188#	-48500	-186000#		1.0						57.4					
189#	-48750	-186000#	1.0		2.4		1.42	2.73	111		114.8			158.55	203.38
190#	-49000	-186000#		0.5		2.4				120.6		268.0			
191#	-49250	-186000#	1.0		1.0		1.68	1.68	111		248.8			197.16	91.16
192#	-49500	-186000#		2.3		2.3				210.6		327.3			
193#	-49750	-186000#	2.9		2.5		2.21	1.86	107.2		279.5			179.85	126.09
194#	-50000	-186000#		1.9						143.6					
195#	-50250	-186000#	2.4		1.5		2.12	2.52	162.7		99.5			158.4	174.19
196#	-50500	-186000#		2.0		1.9				109.1		82.3			
197#	-50750	-186000#	1.9		1.9		2.24	2.99	126.3		99.5			122.51	199.55
198#	-51000	-186000#		1.9		2.3				135.9		145.5			
199#	-51250	-186000#	4.4		2.9		3.27	2.24	132.1		145.5			142.68	144.76
200#	-51500	-186000#		3.8		4.8				164.6		151.2			
201#	-51750	-186000#	1.9		3.9		2.82	2.87	105.3		183.8			154.09	105.52
202#	-52000	-186000#		2.3		2.8				193.3		202.9			
203#	-52250	-186000#	1.5		2.5		3.09	2.98	47.9		153.1			136.06	109.35
204#	-52500	-186000#		5.3		3.0				116.8		185.7			
205#	-52750	-186000#	3.3		4.3		3.43	3.36	67		147.4			113.65	130.88
206#	-53000	-186000#		2.4						103.4					
207#	-53250	-186000#	3.8		3.8		3.47	3.65	130.2		70.8			117.4	140.45
208#	-53500	-186000#		3.4		3.3				91.9		72.7			
209#	-53750	-186000#	3.9		3.8		3.70	3.04	80.4		95.7			110.3	160.55
210#	-54000	-186000#		3.8		3.4				97.6		153.1			
211#	-54250	-186000#	2.9		2.8		3.09	3.72	84.2		166.5			130.68	145.24
212#	-54500	-186000#		0.4		4.8				34.5		239.3			
213#	-54750	-186000#	4.3		4.3		3.39	4.05	88.1		227.8			156.64	109.58
214#	-55000	-186000#		3.4		3.3				130.2		371.3			
215#	-55250	-186000#	5.3		3.3		4.43	3.83	88.1		222			184.08	161.75
216#	-55500	-186000#		5.2		3.8				168.4		239.3			
217#	-55750	-186000#	3.4		4.7		4.35	5.37	170.4		197.2			215.42	236.88
218#	-56000	-186000#		5.3						220.1					

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
		#	FREQ. EFFECT									APP. R	ESIST O	HM.M	
No	X	Y #	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
219#	-56250	-186000#	4.7	5.8			5.46	4.9	235.4		199.1		252.83	305.07	
220#	-56500	-186000#		6.8	5.2					250.8		262.2			
221#	-56750	-186000#	4.9	6.8			5.96	5.22	245		340.7		312.96	259.13	
222#	-57000	-186000#		5.9	6.9					392.4		382.8			
223#	-57250	-186000#	3.9	7.5			5.75	5.85	231.6		440.3		322.81	225.63	
224#	-57500	-186000#		5.8	5.6					289		430.7			
225#	-57750	-186000#	5.3	7.7			6.06	5.29	143.6		294.8		262.52	280.42	
226#	-58000	-186000#		5.8	5.8					141.6		365.6			
227#	-58250	-186000#		5.8					166.5		231.6		254.1	337.85	
228#	-58500	-186000#		5.7	6.2					260.3		296.7			
229#	-58750	-186000#	3.9	5.6			5.03	5.02	275.6		327.3		315.04	335.45	
230#	-59000	-186000#		4.4						340.7					
231#	-59250	-186000#	3.7	6.3			4.63	4.64	310.1		352.2		369.27	287.6	
232#	-59500	-186000#		4.3	3.8					390.5		478.5			
233#	-59750	-186000#	0.5	5.0			3.79	4.73	21.1		555.1		314.24	377.56	
234#	-60000	-186000#		5.5	4.3					390.5		394.3			
235#	-60250	-186000#	4.1	5.3			4.64	3.64	377.1		296.7		413.85	359.38	
236#	-60500	-186000#		4.8	4.6					319.7		459.4			
237#	-60750	-186000#	5.3	4.8			4.51	4.61	231.6		528.3		377.64	479.01	
238#	-61000	-186000#		4.1	4.2					459.4		520.6			
239#	-61250	-186000#	5.8	2.7			4.45	4.76	444.1		447.9		484.6	434.03	
240#	-61500	-186000#		3.9	2.9					486.2		486.2			
241#	-61750	-186000#	2.9	5.0			3.84	4.4	241.2		622.1		473.03	506.29	
242#	-62000	-186000#		2.8						315.8					
243#	-62250	-186000#	2.9	6.4			4.09	3.72	243.1		796.3		518.81	352.68	
244#	-62500	-186000#		5.2	6.1					650.8		876.7			
245#	-62750	-186000#	4.8	5.3			4.73	5.16	268		758		479.09	340.24	
246#	-63000	-186000#		5.5	2.5					346.5		507.2			
247#	-63250	-186000#	16.0	1.9			7.03	5.06			266.1				
248#	-63500	-186000#		2.4	3.9					243.1		245.0			
249#	-63750	-186000#	2.6	3.3			3.50	7.34	430.7		222		397.34	576.64	
250#	-64000	-186000#		3.9	5.9					390.5		346.5			
251#	-64250	-186000#	3.7	5.8			5.17	4.46	308.2		581.9		427.25	407.47	
252#	-64500	-186000#		8.6	5.9					480.5		842.2			
253#	-64750	-186000#	4.8	7.2			6.34	5.25	298.6		658.5		483.64	301.48	
254#	-65000	-186000#		4.9						488.1					
255#	-65250	-186000#	4.9	8.0			6.43	7.67	273.7		574.2		436.35	364.64	
256#	-65500	-186000#		6.2	8.6					367.5		451.7			
257#	-65750	-186000#	6.7	7.2			8.04	6.57	317.7		313.9		348.93	451.74	
258#	-66000	-186000#		9.9	8.7					319.7		290.9			
259#	-66250	-186000#	6.6	9.7			8.05	6.67	289		323.5		323.57	383.07	
260#	-66500	-186000#		7.2	10.0					357.9		248.8			
261#	-66750	-186000#		7.2					340.7		359.9		340.56	346.22	
262#	-67000	-186000#		4.5	8.6					342.6		344.5			
263#	-67250	-186000#	6.6	6.7			6.85	6.85	275.6		394.3		324.69	312.01	
264#	-67500	-186000#		7.0	7.3					352.2		363.7			
265#	-67750	-186000#	4.9	5.4			6.35	6.58	214.4		315.8		305.55	272.53	
266#	-68000	-186000#		7.1						216.3					
267#	-68250	-186000#	5.3	5.3			5.84	6.2	135.9		220.1		274.36	317.03	
268#	-68500	-186000#		4.7	6.9					224		532.1			
269#	-68750	-186000#	3.3	4.5			4.83	6.27	183.8		344.5		316.07	257.93	
270#	-69000	-186000#		3.7						308.2					
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	

AFT ER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 1895S 500 FEET ??-??-?? ENVELOP
 IP 535W-495W LENGTH 4000 FEET
 GEOCHEMISTRY nil
 ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
 TRAVERSES INCREASE SOUTH =-Y

*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
1#	-49500	-189500	#				2.9							181.8	
2#	-49750	-189500	#		2.8							176.1			
3#	-50000	-189500	#		3.4		2.9				155		193.3		
4#	-50250	-189500	#	2.8		2.4				122.5		170.4			
5#	-50500	-189500	#		2.5		3.3				164.6		145.5		
6#	-50750	-189500	#	3.4		3.8		3.14	3.11	105.3		158.9		142.8	131.12
7#	-51000	-189500	#		2.4		3.9				105.3		241.2		
8#	-51250	-189500	#	1.9		3.9		3.07	3.19	99.5		168.4		126.33	122.51
9#	-51500	-189500	#		3.4		3.4				168.4		80.4		
10#	-51750	-189500	#	3.8		4.3		3.70	3.35	128.2		80.4		117.8	105.76
11#	-52000	-189500	#		3.8		3.3				78.5		65.1		
12#	-52250	-189500	#	3.4		3.3		3.69	3.36	68.9		59.3		75.73	132.55
13#	-52500	-189500	#		4.3		3.4				68.9		80.4		
14#	-52750	-189500	#	3.4		3.9		3.42	3.73	45.9		90		74.85	77.04
15#	-53000	-189500	#		3.4		3.8				78.5		109.1		
16#	-53250	-189500	#		2.4							107.2			
17#	-53500	-189500	#				2.8						122.5		
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****

AFTER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 1900S 500 FEET 23-8-62 ENVELOPE
IP W-592.5 to 17.5E LENGTH 61000 FEET
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
		#	FREQ. EFFECT								APP. R	ESIST O	HM.M							
No	X	Y #	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P						
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	1750	-190000#	3.3						91.9											
2#	1500	-190000#		1.0						44										
3#	1250	-190000#	2.9		3.9				126.3		204.8									
4#	1000	-190000#		3.8		40.2				145.5		394.3								
5#	750	-190000#	4.8		4.9				122.5		222									
6#	500	-190000#		3.8						179.9										
7#	250	-190000#	3.8		3.9		7.14	3.85	114.8		168.4				178.65	115.09				
8#	0	-190000#		3.8		6.3				126.3		128.2								
9#	-250	-190000#	4.8		3.8		4.15	8.5	70.8		145.5				120.19	148.82				
10#	-500	-190000#		3.4		3.9				86.1		281.4								
11#	-750	-190000#	3.9		3.4		3.84	3.65	53.6		84.2				97.26	103.84				
12#	-1000	-190000#		3.3		3.4				103.4		103.4								
13#	-1250	-190000#	5.2		3.9		3.90	4.03	80.4		63.2				97.78	94.03				
14#	-1500	-190000#		3.3		4.3				72.7		59.3								
15#	-1750	-190000#	2.9		3.4		3.19	3.17	51.7		112.9				75.13	103.6				
16#	-2000	-190000#		2.9		2.4				80.4		99.5								
17#	-2250	-190000#	1.9		2.9		2.64	3.11	59.3		78.5				75.13	72.74				
18#	-2500	-190000#		1.9						65.1										
19#	-2750	-190000#	3.3		3.4		2.76	3.3	55.5		74.7				72.02	85.9				
20#	-3000	-190000#		2.4		2.4				63.2		80.4								
21#	-3250	-190000#	4.8		2.8		3.32	3.03	53.6		63.2				78.08	71.78				
22#	-3500	-190000#		2.9		2.8				65.1		109.1								
23#	-3750	-190000#	3.2		3.3		3.08	3.46	34.5		118.7				73.18	63.17				
24#	-4000	-190000#		2.9		2.9				65.1		137.8								
25#	-4250	-190000#	4.8		3.4		3.52	2.97	42.1		80.4				74.41	66.28				
26#	-4500	-190000#		2.4		4.3				59.3		95.7								
27#	-4750	-190000#	2.8		3.3		3.17	3.9	59.3		70.8				75.53	118.68				
28#	-5000	-190000#		2.9		3.3				72.7		70.8								
29#	-5250	-190000#	5.0		4.3		4.12	3.26	101.4		74.7				107.99	140.69				
30#	-5500	-190000#		4.8						114.8										
31#	-5750	-190000#	2.9		4.3		3.79	3.79	101.4		158.9				148.59	156.96				
32#	-6000	-190000#		4.8		3.3				151.2		239.3								
33#	-6250	-190000#	2.9		3.9		3.66	4.07	135.9		243.1				205.77	137.58				
34#	-6500	-190000#		3.4		2.9				243.1		292.9								
35#	-6750	-190000#	4.4		4.8		4.02	4.38	174.2		298.6				219.09	177.3				
36#	-7000	-190000#		4.4		3.8				208.6		237.4								
37#	-7250	-190000#	3.8		3.8		4.22	4.39	145.5		172.3				202.1	235.68				
38#	-7500	-190000#		4.6		4.6				139.7		183.8								
39#	-7750	-190000#	5.4		5.2		4.96	4.8	191.4		323.5				213.43	478.3				
40#	-8000	-190000#		6.2		4.7				246.9		181.8								
41#	-8250	-190000#	4.4		5.2		5.31	5.01	398.1		308.2				446.87	563.48				
42#	-8500	-190000#		7.0						635.5										
43#	-8750	-190000#	5.3		6.6		5.63	5.26	444.1		947.5				691.09	361.77				
44#	-9000	-190000#		5.6		4.5				694.8		899.6								
45#	-9250	-190000#	6.2		5.7		5.65	5.06	367.5		1885				685.34	351.72				
46#	-9500	-190000#		5.1		5.9				459.4		742.7								
47#	-9750	-190000#	4.4		5.7		4.85	4.64	335		516.8				555.62	497.92				
48#	-10000	-190000#		4.2		4.8				382.8		398.1								
49#	-10250	-190000#	3.2		4.9		4.17	4.47	357.9		287.1				398.02	635.5				

****	*****	*****					*****	*****	*****	*****	*****	*****	*****	*****
		#	FREQ. EFFECT								APP. R	ESIST O	HM.M	
No	X	Y #	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****					*****	*****	*****	*****	*****	*****	*****
50#	-10500	-190000#		2.7	4.8					333.1		239.3		
51#	-10750	-190000#	4.8		4.9		4.24	4.62	134		493.8		275.64	327.56
52#	-11000	-190000#		4.4	3.9					245		394.3		
53#	-11250	-190000#	3.9		2.5		4.26	3.95	149.3		225.9		226.91	205.53
54#	-11500	-190000#		5.3						166.5				
55#	-11750	-190000#	3.4		4.3		3.85	3.81	132.1		135.9		165.33	195.96
56#	-12000	-190000#		3.3	4.4					107.2		168.4		
57#	-12250	-190000#	2.4		3.4		3.34	3.17	74.7		135.9		113.57	183.52
58#	-12500	-190000#		2.9	4.3					111		116.8		
59#	-12750	-190000#	2.4		3.4		2.96	3.48	82.3		109.1		120.51	98.58
60#	-13000	-190000#		2.0	3.8					103.4		145.5		
61#	-13250	-190000#	1.9		2.4		2.87	3.43	42.1		147.4		99.7	114.13
62#	-13500	-190000#		2.9	3.5					67		216.3		
63#	-13750	-190000#	3.9		3.3		3.48	2.78	59.3		101.4		104.72	110.54
64#	-14000	-190000#		3.8	4.8					99.5		130.2		
65#	-14250	-190000#	3.3		2.4		3.20	3.12	67		88.1		115.01	127.53
66#	-14500	-190000#		2.9						95.7				
67#	-14750	-190000#	4.8		2.4		3.19	2.97	68.9		124.4		125.3	138.78
68#	-15000	-190000#		1.5	2.0					105.3		225.9		
69#	-15250	-190000#	1.9		2.8		2.04	3.16	80.4		216.3		148.35	118.44
70#	-15500	-190000#			2.9							210.6		
71#	-15750	-190000#	1.3		3.0		2.17	2.34	166.5		212.5		181.56	142.84
72#	-16000	-190000#		1.8	1.2					183.8		233.5		
73#	-16250	-190000#	1.9		2.9		2.42	2.33	135.9		143.6		164.22	167.49
74#	-16500	-190000#		2.0	4.3					179.9		70.8		
75#	-16750	-190000#	1.9		3.3		2.52	2.33	124.4		130.2		145.4	156
76#	-17000	-190000#		2.8	2.9					101.4		193.3		
77#	-17250	-190000#	1.9		2.8		2.64	2.3	80.4		178		121.95	134.23
78#	-17500	-190000#		2.5						145.5				
79#	-17750	-190000#	2.9		2.4		2.61	3.1	99.5		149.3		126.09	78.72
80#	-18000	-190000#		1.9	2.2					105.3		130.2		
81#	-18250	-190000#	4.8		2.4		3.06	3.25	53.6		97.6		83.9	117.96
82#	-18500	-190000#		2.9	3.3					55.5		90.0		
83#	-18750	-190000#	3.3		2.4		3.11	2.68	55.5		65.1		76.01	86.85
84#	-19000	-190000#		3.9	2.4					68.9		72.7		
85#	-19250	-190000#	1.9		2.8		2.66	2.83	42.1		97.6		71.14	78.48
86#	-19500	-190000#		1.9	4.8					70.8		105.3		
87#	-19750	-190000#	3.3		1.9		3.01	3	40.2		82.3		68.83	60.77
88#	-20000	-190000#		3.4	3.3					53.6		95.7		
89#	-20250	-190000#	2.9		2.9		3.11	2.92	34.5		65.1		61.73	62.21
90#	-20500	-190000#		1.9						45.9				
91#	-20750	-190000#	2.9		3.8		3.11	3.49	32.5		51.7		55.99	63.17
92#	-21000	-190000#		3.8	3.9					42.1		88.1		
93#	-21250	-190000#	3.8		2.4		3.68	3.65	38.3		76.6		57.03	68.67
94#	-21500	-190000#		3.8	3.8					67		65.1		
95#	-21750	-190000#	3.3		3.9		3.90	3.75	97.6		59.3		77.48	47.61
96#	-22000	-190000#		5.7	3.4					74.7		65.1		
97#	-22250	-190000#	1.9		4.3		3.84	3.56	51.7		86.1		59.66	77.28
98#	-22500	-190000#		4.8	4.8					59.3		51.7		
99#	-22750	-190000#	3.5		4.3		4.02	3.66	78.5		42.1		63.96	60.3
100#	-23000	-190000#		3.8						55.5		47.9		
101#	-23250	-190000#	1.9		3.8		3.69	3.55	49.8		67		54.15	65.56
102#	-23500	-190000#		4.3						53.6				
103#	-23750	-190000#	3.8		3.9		3.22	3.06	45.9		72.7		57.11	44.5
104#	-24000	-190000#		3.4						68.9		55.5		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	#	FREQ.	EFFECT								
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
		Y # N=1	N=2	N=3	N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER MIXED-P	
105#	-24250	-190000#	4.3	3.8	2.90	2.51	34.5		55.5		49.61	50.01
106#	-24500	-190000#		1.9	1.4			34.5		65.1		
107#	-24750	-190000#	2.0	2.0	1.85	3.3	30.6		42.1		43.71	61.25
108#	-25000	-190000#		1.4	1.4			40.2		45.9		
109#	-25250	-190000#	2.9	0.5	2.30	2.17	26.8		47.9		46.1	42.83
110#	-25500	-190000#		3.4	2.1			38.3		67.0		
111#	-25750	-190000#	1.4	3.9	2.03	2.33	19.1		61.3		44.98	38.28
112#	-26000	-190000#		1.9	2.3			34.5		93.8		
113#	-26250	-190000#	4.3	1.9	2.88	2.55	21.1		57.4		44.03	32.78
114#	-26500	-190000#		2.4				45.9				
115#	-26750	-190000#	2.4	2.9	2.86	4.32	21.1		44		37.64	40.68
116#	-27000	-190000#		2.4				26.8		21.1		
117#	-27250	-190000#	2.4	3.2	4.34	4.3	26.8		13.4		30.79	48.09
118#	-27500	-190000#		7.6	5.7			11.5		49.8		
119#	-27750	-190000#	8.6	6.7	6.58	4.63	9.6		45.9		29.63	33.98
120#	-28000	-190000#		7.2	5.7			32.5		57.4		
121#	-28250	-190000#	6.2	4.8	5.93	6.03	15.3		47.9		37.92	29.19
122#	-28500	-190000#		5.7	4.8			21.1		76.6		
123#	-28750	-190000#	3.9	4.8	5.04	5.08	68.9		72.7		52.8	89.73
124#	-29000	-190000#			6.3					32.5		
125#	-29250	-190000#	2.9	5.3	4.04	4.62	95.7		76.6		103.84	66.76
126#	-29500	-190000#		3.3				111				
127#	-29750	-190000#	3.4	4.3	4.27	3.84	51.7		227.8		95.71	133.75
128#	-30000	-190000#		4.8	4.3			126.3		139.7		
129#	-30250	-190000#	4.4	4.3	4.16	4.27	245		80.4		163.98	71.54
130#	-30500	-190000#		3.4	4.3			130.2		80.4		
131#	-30750	-190000#	3.3	2.8	3.85	3.39	67		134		96.74	157.2
132#	-31000	-190000#		5.3	4.3			59.3		185.7		
133#	-31250	-190000#	2.9	3.4	3.35	3.67	55.5		105.3		100.77	101.69
134#	-31500	-190000#		2.0	3.9			103.4		68.9		
135#	-31750	-190000#	3.4	2.9	3.17	3.67	53.6		193.3		106.63	71.3
136#	-32000	-190000#		2.8	2.9			109.1		153.1		
137#	-32250	-190000#	4.3	3.4	3.47	3.54	65.1		93.8		89.73	88.53
138#	-32500	-190000#		3.4				65.1				
139#	-32750	-190000#	3.8	3.3	3.54	3.06	57.4		57.4		72.66	85.66
140#	-33000	-190000#		3.4	3.1			82.3		53.6		
141#	-33250	-190000#	2.9	3.3	3.09	3.49	57.4		63.2		62.85	67.95
142#	-33500	-190000#		2.4	4.8			70.8		57.4		
143#	-33750	-190000#	3.4	2.9	3.34	3.65	45.9		67		52.68	55.03
144#	-34000	-190000#		4.8	2.4			40.2		53.6		
145#	-34250	-190000#	3.8	2.4	3.94	3.5	24.9		32.5		41.55	47.61
146#	-34500	-190000#		5.4	3.8			28.7		55.5		
147#	-34750	-190000#	4.7	4.8	3.99	3.71	15.3		40.2		36.45	39.48
148#	-35000	-190000#		2.9	2.8			26.8		74.7		
149#	-35250	-190000#	2.9	5.3	3.51	3.81	17.2		51.7		36.77	27.99
150#	-35500	-190000#		3.8				36.4				
151#	-35750	-190000#	4.8	3.8	3.97	3.41	19.1		45.9		33.34	31.1
152#	-36000	-190000#		3.1	2.9			28.7		26.8		
153#	-36250	-190000#	3.3	5.3	3.30	3.87	28.7		17.2		28.31	46.9
154#	-36500	-190000#		2.9				23		28.7		
155#	-36750	-190000#	3.3	2.9	3.41	3.98	26.8		26.8		32.5	62.21
156#	-37000	-190000#		2.9				40.2		30.6		
157#	-37250	-190000#	3.8	4.3	3.81	3.76	47.9		45.9		54.31	30.39
158#	-37500	-190000#		3.3	3.7			63.2		80.4		
159#	-37750	-190000#	3.8	5.8	4.19	3.67	28.7		111		54.63	38.04

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	X	#	FREQ.	EFFECT									
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
		Y #	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER MIXED-P
160#	-38000	-190000#		5.3	4.3					53.6		86.1	
161#	-38250	-190000#	4.8		3.8		4.42	4.01	38.3		40.2		54.31 48.33
162#	-38500	-190000#		3.8						32.5			
163#	-38750	-190000#	5.7		3.8		4.37	4.73	49.8		53.6		51.6 60.77
164#	-39000	-190000#		4.8		3.7				72.7		36.4	
165#	-39250	-190000#	4.8		3.3		4.30	4.18	53.6		49.8		52.48 44.26
166#	-39500	-190000#		4.8		3.4				49.8		45.9	
167#	-39750	-190000#	4.8		5.3		4.13	3.47	28.7		49.8		40.12 90.68
168#	-40000	-190000#		3.4		3.5				32.5		49.8	
169#	-40250	-190000#	2.4		2.9		3.19	3.61	59.3		40.2		65.48 52.64
170#	-40500	-190000#		2.9		4.8				95.7		44.0	
171#	-40750	-190000#	2.4		2.4		3.00	3.17	53.6		118.7		74.81 58.38
172#	-41000	-190000#		2.8		3.4				76.6		135.9	
173#	-41250	-190000#	2.8		3.3		3.02	2.85	51.7		90		76.65 63.17
174#	-41500	-190000#		2.9						67			
175#	-41750	-190000#	3.8		2.4		3.04	3.06	47.9		70.8		72.9 71.78
176#	-42000	-190000#		2.8		2.9				51.7		90.0	
177#	-42250	-190000#	2.9		2.1		2.72	3.18	32.5		70.8		64.84 73.93
178#	-42500	-190000#		2.4		2.4				49.8		95.7	
179#	-42750	-190000#	2.9		2.8		2.78	3.52	32.5		72.7		64.8 56.23
180#	-43000	-190000#		2.9		3.6				51.7		128.2	
181#	-43250	-190000#	1.9		2.4		3.11	2.7	28.7		95.7		62.37 61.49
182#	-43500	-190000#		4.8		3.8				59.3		70.8	
183#	-43750	-190000#	1.4		3.9		3.21	3.14	45.9		45.9		65.08 57.9
184#	-44000	-190000#		2.9		4.7				40.2		80.4	
185#	-44250	-190000#	4.3		4.3		3.86	3.57	30.6		72.7		53.36 76.57
186#	-44500	-190000#		3.4						68.9			
187#	-44750	-190000#	4.8		4.3		4.16	3.99	80.4		45.9		70.42 56.23
188#	-45000	-190000#		4.8		3.1				59.3		68.9	
189#	-45250	-190000#	4.6		3.3		4.17	4.48	36.4		90		59.42 128.73
190#	-45500	-190000#		4.8		3.4				61.3		53.6	
191#	-45750	-190000#	6.2		4.3		4.48	3.13	91.9		80.4		109.27 177.3
192#	-46000	-190000#		3.4		3.4				135.9		84.2	
193#	-46250	-190000#	1.9		3.8		2.96	3.45	95.7		158.9		153.49 140.21
194#	-46500	-190000#		2.4		5.1				114.8		340.7	
195#	-46750	-190000#	2.4		2.3		2.79	2.46	88.1		289		206.49 173.23
196#	-47000	-190000#		2.3		2.3				254.6		388.6	
197#	-47250	-190000#	2.4		2.4		2.35	5.38	174.2		398.1		276.12 136.62
198#	-47500	-190000#		2.1						292.9			
199#	-47750	-190000#	1.9		1.8		3.85	2.62	137.8		359.9		233.37 233.76
200#	-48000	-190000#		2.8		0.4				197.2		193.3	
201#	-48250	-190000#	2.4		2.4		3.97	2.22	157		109.1		195.16 253.38
202#	-48500	-190000#		2.9		23.9				111		202.9	
203#	-48750	-190000#	2.4		1.4		3.54	2.97	76.6		231.6		169.8 237.35
204#	-49000	-190000#		2.4		2.2				202.9		312.0	
205#	-49250	-190000#	0.5		1.9		3.60	2.6	135.9		269.9		214.66 141.17
206#	-49500	-190000#		3.7		2.3				220.1		260.3	
207#	-49750	-190000#	4.3		4.7		3.61	5.55	134		224		206.49 199.31
208#	-50000	-190000#		3.4		3.9				130.2		302.4	
209#	-50250	-190000#	4.3		4.7		3.99	3.91	147.4		181.8		200.03 192.13
210#	-50500	-190000#		4.8						241.2			
211#	-50750	-190000#	5.2		4.2		4.62	4.06	168.4		201		190.7 142.6
212#	-51000	-190000#		5.7		2.8				143.6		231.6	
213#	-51250	-190000#	3.9		3.9		4.31	4.51	90		120.6		128.33 138.54
214#	-51500	-190000#		4.8		4.4				88.1		168.4	

[illegible]

AFTER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 1920S 500 FEET ??-??-?? ENVELOP
IP 305W-235W LENGTH 7000 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH =-Y

[illegible]

AFTER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 1940S 500 FEET ??-??-?? ENVELOP
IP 592.5W-70E LENGTH 66250 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH =-Y

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	7000	-194000#					2.3								390.5	
2#	6750	-194000#				3.3						478.5				
3#	6500	-194000#			6.0		1.9				547.4			382.8		
4#	6250	-194000#	3.4		2.7				243.1			451.7				
5#	6000	-194000#		4.4			3.6			243.1				396.2		
6#	5750	-194000#	2.8		3.0			2.85	2.94	235.4		229.7			273.16	373.02
7#	5500	-194000#		2.3			1.1			210.6				220.1		
8#	5250	-194000#	2.5		3.4			2.41	3.05	313.9		210.6			290.95	271.57
9#	5000	-194000#		2.0						333.1						
10#	4750	-194000#	3.3		1.9			2.67	2.85	208.6		271.8			247	212.71
11#	4500	-194000#		2.9			2.0			158.9				405.8		
12#	4250	-194000#	2.8		3.5			2.76	2.24	112.9		231.6			188.46	168.92
13#	4000	-194000#		2.9			2.9			153.1				260.3		
14#	3750	-194000#	1.9		3.3			2.37	2.11	111		164.6			154.97	108.39
15#	3500	-194000#		0.9			2.4			118.7				120.6		
16#	3250	-194000#	3.9		2.9			2.57	2.26	80.4		82.3			99.73	193.81
17#	3000	-194000#		2.4			2.4			61.3				67.0		
18#	2750	-194000#	2.9		1.9			2.20	2.56	78.5		55.5			76.57	133.75
19#	2500	-194000#		1.9			0.6			76.6				63.2		
20#	2250	-194000#	3.8		1.0			2.19	3	82.3		88.1			87.25	86.62
21#	2000	-194000#		1.0						95.7						
22#	1750	-194000#	1.4		1.4			2.08	3.34	47.9		107.2			86.77	75.85
23#	1500	-194000#		1.9			3.4			65.1				160.8		
24#	1250	-194000#	4.8		2.9			3.82	2.41	49.8		99.5			88.77	74.41
25#	1000	-194000#		3.8			7.2			74.7				137.8		
26#	750	-194000#	3.8		5.2			4.11	3.65	49.8		111			85.5	73.93
27#	500	-194000#		5.7			2.9			76.6				90.0		
28#	250	-194000#	7.6		3.9			5.14	3.95	51.7		68.9			77.84	103.36
29#	0	-194000#		4.3			1.9			53.6				105.3		
30#	-250	-194000#	3.9		3.3			3.86	5.02	53.6		88.1			79.76	118.92
31#	-500	-194000#		5.7			2.9			95.7				88.1		
32#	-750	-194000#	3.8		4.8			3.80	3.42	86.1		132.1			113.01	89.96
33#	-1000	-194000#		4.3						105.3						
34#	-1250	-194000#	4.3		2.8			3.53	4.37	67		166.5			116.76	112.7
35#	-1500	-194000#		1.9			3.5			105.3				216.3		
36#	-1750	-194000#	7.1		2.4			4.30	3.71	86.1		147.4			133.19	101.69
37#	-2000	-194000#		3.4			3.9			155				134.0		
38#	-2250	-194000#	5.7		5.8			3.96	3.34	76.6		166.5			123.7	152.89
39#	-2500	-194000#		2.9			3.8			103.4				118.7		
40#	-2750	-194000#	1.9		2.9			3.12	3.92	118.7		82.3			130.08	147.63
41#	-3000	-194000#		4.3			1.9			90				158.9		
42#	-3250	-194000#	6.7		2.8			4.10	3.66	61.3		178			122.03	108.63
43#	-3500	-194000#		4.3			2.9			120.6				239.3		

*****	*****						*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****
44#	-3750	-194000#	4.8		1.9			3.44	3.75	61.3		187.6		122.43 85.18
45#	-4000	-194000#		1.9							111			
46#	-4250	-194000#	3.8		3.9			3.10	3.09	57.4		72.7		103.52 113.89
47#	-4500	-194000#		2.9		4.3					61.3		101.4	
48#	-4750	-194000#	3.8		2.4			3.08	3.02	67		82.3		85.98 120.59
49#	-5000	-194000#		0.9		3.2					57.4		128.2	
50#	-5250	-194000#	4.0		2.8			3.04	3.18	57.4		134		89.61 83.98
51#	-5500	-194000#		2.4		3.3					91.9		134.0	
52#	-5750	-194000#	2.4		3.4			2.94	3.29	59.3		99.5		93.87 89.01
53#	-6000	-194000#		3.3		3.9					72.7		120.6	
54#	-6250	-194000#	2.4		3.4			3.26	3.08	70.8		86.1		98.18 124.9
55#	-6500	-194000#		3.8		2.9					97.6		126.3	
56#	-6750	-194000#	4.3		4.3			3.68	3.48	80.4		143.6		119.79 114.61
57#	-7000	-194000#		2.9							135.9			
58#	-7250	-194000#	4.3		2.8			3.64	4.45	107.2		256.5		134.71 143.08
59#	-7500	-194000#		3.3		3.8					38.3		112.9	
60#	-7750	-194000#	5.3		4.3			4.44	4.25	135.9		164.6		159.19 174.43
61#	-8000	-194000#		6.2		3.4					114.8		229.7	
62#	-8250	-194000#	7.2		3.8			5.48	3.9	82.3		179.9		169.52 172.75
63#	-8500	-194000#				4.9					124.4		329.2	
64#	-8750	-194000#	3.8		4.7			4.01	4.66	118.7		292.9		202.06 126.81
65#	-9000	-194000#		3.9		5.0					195.2		382.8	
66#	-9250	-194000#	4.3		3.3			4.18	3.25	112.9		273.7		208.08 144.04
67#	-9500	-194000#		2.9		4.4					181.8		181.8	
68#	-9750	-194000#	4.2		4.8			3.66	4.08	162.7		132.1		176.9 199.31
69#	-10000	-194000#		2.4							109.1			
70#	-10250	-194000#	2.8		2.9			3.44	3.66	157		170.4		151.46 214.14
71#	-10500	-194000#		4.3		3.0					268		57.4	
72#	-10750	-194000#	2.4		4.8			3.42	3.4	157		120.6		161.11 176.58
73#	-11000	-194000#		4.8		2.8					76.6		118.7	
74#	-11250	-194000#	4.3		2.9			3.74	3.38	59.3		95.7		135.35 173.95
75#	-11500	-194000#		3.4		3.8					74.7		382.8	
76#	-11750	-194000#			2.9					49.8		239.3		165.17 71.3
77#	-12000	-194000#		3.8		2.3					172.3		459.4	
78#	-12250	-194000#	5.3		2.8			3.97	5.47	57.4		306.3		178.33 65.08
79#	-12500	-194000#		3.9		4.3					91.9		134.0	
80#	-12750	-194000#	7.0		4.3			5.33	4.73	65.1		49.8		118.04 178.02
81#	-13000	-194000#		5.8							34.5			
82#	-13250	-194000#	7.7		7.7			6.07	4.67	84.2		24.9		91.24 268.46
83#	-13500	-194000#		6.7		7.2					72.7		57.4	
84#	-13750	-194000#	8.6		3.8			6.12	5.32	95.7		201		181.92 150.26
85#	-14000	-194000#		4.5		3.9					319.7		214.4	
86#	-14250	-194000#	3.9		5.6			4.76	6.66	176.1		350.3		239.27 116.76
87#	-14500	-194000#		7.1		2.8					202.9		459.4	
88#	-14750	-194000#	6.7		4.7			5.91	5.24	88.1		275.6		206.89 164.62
89#	-15000	-194000#		4.8		4.9					141.6		245.0	
90#	-15250	-194000#	7.2		11.2			5.59	4.86	195.2		312		215.02 200.27
91#	-15500	-194000#		5.3		3.8					160.8		99.5	
92#	-15750	-194000#	3.7		2.8			4.67	5.42	158.9		149.3		181.52 233.05
93#	-16000	-194000#		4.8							134			
94#	-16250	-194000#	4.8		2.9			4.78	5.37	109.1		170.4		165.97 233.76

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	#	FREQ.	EFFECT						APP. R	ESIST O	HM.M	
*****	X	Y #	N=1 N=2 N=3 N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P		
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
95#	-16500	-194000#	5.7 4.2			155		283.3				
96#	-16750	-194000#	4.8 3.8 4.93	3.95	109.1		269.9			211.67	119.87	
97#	-17000	-194000#	5.2 9.6			227.8		258.4				
98#	-17250	-194000#	4.3 3.9 4.59	4.55	88.1		216.3			186.51	94.75	
99#	-17500	-194000#	4.0			99.5		440.3				
100#	-17750	-194000#	2.9 2.8 4.21	4.41	45.9		202.9			129.52	179.21	
101#	-18000	-194000#	4.8 3.4			116.8		76.6				
102#	-18250	-194000#	3.8 3.8 4.20	4	147.4		49.8			133.91	106.23	
103#	-18500	-194000#	4.8 5.7			61.3		55.5				
104#	-18750	-194000#	1.9 4.8 3.58	3.55	21.1		72.7			52.8	160.79	
105#	-19000	-194000#	2.8			30.6						
106#	-19250	-194000#	4.8 4.3 3.83	3.63	38.3		70.8			71.62	55.99	
107#	-19500	-194000#	0.9 3.9			103.4		107.2				
108#	-19750	-194000#	3.8 3.4 3.42	4.59	67		172.3			82.63	57.42	
109#	-20000	-194000#	2.9 3.8			95.7		65.1				
110#	-20250	-194000#	4.8 3.8 4.18	5.14	109.1		32.5			82.91	70.58	
111#	-20500	-194000#	4.3 4.7			40.2		44.0				
112#	-20750	-194000#	9.6 5.3 6.02	4.74	40.2		47.9			51.36	98.34	
113#	-21000	-194000#	6.2 4.3			59.3		65.1				
114#	-21250	-194000#	10.0 4.8 6.27	4.89	47.9		82.3			60.69	37.57	
115#	-21500	-194000#	3.8 5.7			76.6		70.8				
116#	-21750	-194000#	4.3 5.2 4.48	5.47	26.8		70.8			49.37	39.55	
117#	-22000	-194000#	3.4			24.9						
118#	-22250	-194000#	2.9 6.2 4.33	4.36	17.8		32.5			35.48	49.17	
119#	-22500	-194000#	5.2 3.8			24.9		38.3				
120#	-22750	-194000#	3.8 4.8 4.49	5.02	25.8		30.6			32.14	35.29	
121#	-23000	-194000#	3.3			30.6						
122#	-23250	-194000#	3.8 5.7 4.83	5.61	16.3		49.8			28.94	30.67	
123#	-23500	-194000#	6.7 4.8			31.6		36.4				
124#	-23750	-194000#	6.7 5.7 6.26	5.06	24.9		24.3			30.09	31.7	
125#	-24000	-194000#	7.6 6.7			23		25.8				
126#	-24250	-194000#	3.8 5.7 6.02	5.75	24.9		22.4			29.25	60.89	
127#	-24500	-194000#	8.6 4.8			24.9		45.9				
128#	-24750	-194000#	3.8 8.6 5.91	5.1	30.6		49.8			46.69	34.14	
129#	-25000	-194000#	6.7			65.1						
130#	-25250	-194000#	0.9 4.9 4.82	5.09	30.6		93.8			52.48	29.96	
131#	-25500	-194000#	6.7 5.7			42.1		95.7				
132#	-25750	-194000#	4.8 8.6 4.97	5.13	28.7		47.9			46.18	59.82	
133#	-26000	-194000#	4.8 2.6			32.5		44.0				
134#	-26250	-194000#	5.3 3.7 4.88	4.9	42.1		32.5			52.6	88.29	
135#	-26500	-194000#	3.4 2.6			51.7		42.1				
136#	-26750	-194000#	5.7 5.8 4.62	5.38	65.1		67			77.36	88.05	
137#	-27000	-194000#	5.3 5.7			93.8		126.3				
138#	-27250	-194000#	6.2 5.2 4.82	3.49	86.1		179.9			109.74	87.81	
139#	-27500	-194000#	4.3 3.3			193.3		101.4				
140#	-27750	-194000#	3.4 2.4 3.67	4.09	170.4		111			142.68	89.01	
141#	-28000	-194000#	3.3			107.2						
142#	-28250	-194000#	1.9 2.4 2.91	3.71	90		126.3			105.52	174.19	
143#	-28500	-194000#	3.4 3.4			116.8		105.3				
144#	-26750	-194000#	0.9 4.8 2.72	2.87	149.3		101.4			142.84	101.69	
145#	-29000	-194000#	2.5 2.9			137.8		114.8				

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	#	FREQ.	EFFECT						APP. R	ESIST O	HM.M	
*****	X	Y #	N=1 N=2 N=3 N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P		
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
146#	-29250	-194000#	0.9 3.3 2.86	2.97	63.2		176.1		115.45	117.24		
147#	-29500	-194000#	3.4 4.4			84.2		260.3				
148#	-29750	-194000#	3.8 3.4 3.58	3.43	82.3		130.2		121.31	99.3		
149#	-30000	-194000#	3.8 4.3			132.1		126.3				
150#	-30250	-194000#	4.4 2.9 3.95	3.79	109.1		124.4		124.1	84.22		
151#	-30500	-194000#	4.3 3.3			93.8		103.4				
152#	-30750	-194000#	4.8 3.8 4.10	3.92	61.3		78.5		78.16	111.98		
153#	-31000	-194000#	3.8			51.7						
154#	-31250	-194000#	4.3 3.9 3.91	4.19	45.9		53.6		62.29	84.94		
155#	-31500	-194000#	3.4 4.5			57.4		49.8				
156#	-31750	-194000#	2.9 4.8 3.83	3.76	49.8		55.5		62.45	58.55		
157#	-32000	-194000#	3.8 2.8			51.7		105.3				
158#	-32250	-194000#	3.3 4.3 3.94	3.68	34.5		99.5		57.43	39.46		
159#	-32500	-194000#	3.3 6.3			70.8		72.7				
160#	-32750	-194000#	2.4 4.8 3.82	4.05	37.3		53.6		52.12	44.03		
161#	-33000	-194000#	5.3 3.4			32.9		30.1				
162#	-33250	-194000#	1.9 4.3 4.08	2.92	40.2		27.2		39.19	69.51		
163#	-33500	-194000#	4.3			34.5		28.7				
164#	-33750	-194000#	2.4 5.3 3.24	4.31	42.1		36.4		44.09	36.42		
165#	-34000	-194000#	2.9			55.5						
166#	-34250	-194000#	2.4 3.4 2.97	3.47	20.1		74.7		36.77	28.9		
167#	-34500	-194000#	4.3 1.9			30.6		70.8				
168#	-34750	-194000#	4.3 3.3 3.42	3.72	18.4		29.7		31.33	29.69		
169#	-35000	-194000#	4.3			18.4		11.5				
170#	-35250	-194000#	4.3 2.9 3.47	3.41	15.1		32.5		25.55	32.78		
171#	-35500	-194000#	3.8 1.9			28.1		28.1				
172#	-35750	-194000#	2.9 1.9 3.09	3.7	25.5		24.9		26.09	39.81		
173#	-36000	-194000#	3.8 4.6			23		28.7				
174#	-36250	-194000#	3.8 2.9 3.65	3.65	18.8		28.1		29.92	40.44		
175#	-36500	-194000#	6.7 2.9			65.1		31.0				
176#	-36750	-194000#	2.4 3.94	3.17	36.4		29.9		44.98	35.77		
177#	-37000	-194000#	3.8			51.7						
178#	-37250	-194000#	4.8 5.7 4.14	3.42	34.5		65.1		46.94	46.11		
179#	-27500	-194000#	2.4 3.9			53.6		72.7				
180#	-37750	-194000#	2.9 4.8 3.22	3.72	49.8		65.1		55.43	51.39		
181#	-38000	-194000#	1.9			67		38.3				
182#	-38250	-194000#	4.3 1.3 3.41	3.49	67		45.9		61.09	60.53		
183#	-38500	-194000#	2.9			49.8		47.9				
184#	-38750	-194000#	4.8 3.8 3.42	3.18	38.3		65.1		53.16	65.8		
185#	-39000	-194000#	2.9 3.4			53.6		82.3				
186#	-39250	-194000#	1.4 3.8 2.67	3.09	45.9		74.7		61.01	47.38		
187#	-39500	-194000#	2.9 2.7			67		74.7				
188#	-39750	-194000#	3.8 2.4 3.31	2.28	47.9		68.9		60.46	55.27		
189#	-40000	-194000#	3.8			44						
190#	-40250	-194000#	1.9 3.9 2.50	2.94	42.1		53.6		55.43	66.52		
191#	-40500	-194000#	2.4 2.1			53.6		61.3				
192#	-40750	-194000#	4.8 1.9 2.79	2.92	44		57.4		59.26	59.82		
193#	-41000	-194000#	1.9 1.9			67		76.6				
194#	-41250	-194000#	4.3 1.0 2.60	2.75	45.9		80.4		62.05	58.14		
195#	-41500	-194000#	1.5 1.9			63.2		68.9				
196#	-41750	-194000#	1.4 2.9 2.11	2.38	49.8		55.5		62.09	56.95		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	#	FREQ.	EFFECT						APP. R	ESIST O	HM.M	
*****	X	Y #	N=1 N=2 N=3 N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P		
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
197#	-42000	-194000#	2.9 3.9			44		84.2				
198#	-42250	-194000#	1.9 3.8 2.50	1.93	34.5		70.8			56.79	64.75	
199#	-42500	-194000#	2.4 1.4			59.3		74.7				
200#	-42750	-194000#	1.9 2.4 2.49	2.23	39.4		68.9			61.7	55.03	
201#	-43000	-194000#	2.4			51.7						
202#	-43250	-194000#	1.9 2.5 2.15	2.58	36.4		68.9			59.58	72.4	
203#	-43500	-194000#	1.9 2.9			53.6		88.1				
204#	-43750	-194000#	1.9 2.4 2.21	1.98	47.9		72.7			70.42	76.33	
205#	-44000	-194000#	2.9 1.9			78.5		74.7				
206#	-44250	-194000#	1.9 1.9 2.13	2.58	53.6		80.4			80.08	100.97	
207#	-44500	-194000#	1.4 1.9			65.1		118.7				
208#	-44750	-194000#	2.4 2.4 2.21	2.35	67		101.4			100.25	87.81	
209#	-45000	-194000#	1.4 1.9			120.6		158.9				
210#	-45250	-194000#	1.0 3.8 2.05	1.92	95.7		174.2			120.35	75.85	
211#	-45500	-194000#	2.8 3.3			118.7		137.8				
212#	-45750	-194000#	1.9 1.9 2.31	1.95	61.3		107.2			102.73	122.74	
213#	-46000	-194000#	1.9			68.9						
214#	-46250	-194000#	2.4 2.4 2.20	2.4	107.2		101.4			115.01	297.89	
215#	-46500	-194000#	1.7 1.4			164.6		88.1				
216#	-46750	-194000#	0.9 1.9 1.92	2.73	287.1		155			277.23	176.34	
217#	-47000	-194000#	2.4 2.8			344.5		118.7				
218#	-47250	-194000#	3.8 2.0 2.80	2.49	118.7		331.1			255.5	189.98	
219#	-47500	-194000#	2.9 3.4			143.6		907.3				
220#	-47750	-194000#	1.4 1.9 2.56	2.68	74.7		442.2			249.12	140.93	
221#	-48000	-194000#	3.3 3.7			290.9		285.2				
222#	-48250	-194000#	3.8 3.4 3.33	2.87	118.7		210.6			258.25	147.15	
223#	-48500	-194000#	2.4 3.3			103.4		195.2				
224#	-48750	-194000#	4.8 4.3 3.61	3.51	55.5		111			134.87	362.01	
225#	-49000	-194000#	3.4			82.3						
226#	-49250	-194000#	4.8 3.3 3.81	3.64	114.8		107.2			187.75	146.67	
227#	-49500	-194000#	3.9 2.4			170.4		264.2				
228#	-49750	-194000#	4.3 4.3 3.68	3.68	59.3		417.3			182.48	106.23	
229#	-50000	-194000#	4.3 2.6			147.4		434.5				
230#	-50250	-194000#	3.8 3.4 3.44	2.98	78.5		160.8			163.26	104.32	
231#	-50500	-194000#	2.0 2.9			84.2		151.2				
232#	-50750	-194000#	1.9 3.9 2.59	2.93	101.4		91.9			127.97	192.85	
233#	-51000	-194000#	2.6 3.9			101.4		91.9				
234#	-51250	-194000#	1.5 2.0 2.48	2.5	112.9		130.2			114.37	142.84	
235#	-51500	-194000#	2.4 2.9			151.2		82.3				
236#	-51750	-194000#	1.9 2.4 2.48	2.49	120.6		107.2			106.95	85.18	
237#	-52000	-194000#	2.4			84.2						
238#	-52250	-194000#	2.9 3.3 2.55	2.77	47.9		67			67.95	96.43	
239#	-52500	-194000#	2.4 2.4			45.9		90.0				
240#	-52750	-194000#	1.9 1.9 2.54	2.74	38.3		63.2			61.65	72.5	
241#	-53000	-194000#	2.8 1.9			59.3		67.0				
242#	-53250	-194000#	1.9 2.9 2.57	3.06	47.9		65.1			64.88	50.34	
243#	-53500	-194000#	1.9 4.4			49.8		114.8				
244#	-53750	-194000#	3.8 3.8 3.29	2.82	35.2		74.7			57.93	76.81	
245#	-54000	-194000#	2.9 3.8			49.8		86.1				
246#	-54250	-194000#	3.4 4.3 3.56	3.23	80.4		59.3			77.92	70.44	
247#	-54500	-194000#	2.9 2.9			93.8		53.6				

[illegible]

AFTER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 1980S 500 FEET ??-??-?? ENVELOP
IP 592.5W-92.5E LENGTH 68500 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH =-Y

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	9250	-198000#	2.1							357.9						
2#	9000	-198000#		2.8							394.3					
3#	8750	-198000#	1.0		2.8					248.8		470.9				
4#	8500	-198000#		2.7		2.9					382.8		574.2			
5#	8250	-198000#	2.9		3.2					241.2		534				
6#	8000	-198000#		3.4							426.9					
7#	7750	-198000#	4.1		4.4				3.75	3.03	254.6		484.3			428.77 346.94
8#	7500	-198000#		3.4		4.0					312		658.5			
9#	7250	-198000#	3.0		4.2				3.50	3.28	214.4		463.2			384.82 374.22
10#	7000	-198000#		3.3		3.9					371.3		558.9			
11#	6750	-198000#	6.1		3.3				3.91	3.24	323.5		474.7			386.38 307.7
12#	6500	-198000#		3.8		3.1					476.6		310.1			
13#	6250	-198000#	3.1		0.1				2.94	3.93	306.3		30.6			327.8 386.42
14#	6000	-198000#		3.2		2.6					225.9		373.3			
15#	5750	-198000#	3.3		2.6				2.88	3.42	157		287.1			224.19 385.46
16#	5500	-198000#		3.5		3.2					208.6		315.8			
17#	5250	-198000#	2.9		3.0				3.11	2.58	195.2		250.8			275.32 198.35
18#	5000	-198000#		3.0							212.5					
19#	4750	-198000#	0.3		3.0				2.61	2.94	82.3		369.4			238.47 251.23
20#	4500	-198000#		3.4		4.4					178		490.0			
21#	4250	-198000#	3.5		3.7				3.28	2.55	151.2		248.8			257.77 181.37
22#	4000	-198000#		1.6		3.5					231.6		354.1			
23#	3750	-198000#	1.3		3.2				2.73	3.04	53.6		350.3			209.44 212.71
24#	3500	-198000#		4.3		3.6					227.8		212.5			
25#	3250	-198000#	2.9		2.0				3.11	3.11	287.1		162.7			232.01 257.21
26#	3000	-198000#		2.9		3.3					143.6		145.5			
27#	2750	-198000#	2.0		2.7				2.86	3.27	157		166.5			170.52 312.01
28#	2500	-198000#		3.7		3.0					166.5		202.9			
29#	2250	-198000#	2.4		3.7				3.08	2.92	185.7		220.1			230.18 179.21
30#	2000	-198000#		3.1							258.4					
31#	1750	-198000#	3.2		3.6				3.32	3.44	118.7		516.8			230.81 156.96
32#	1500	-198000#		4.7		3.2					262.2		315.8			
33#	1250	-198000#	8.1		3.3				4.25	2.98	158.9		191.4			213.91 171.08
34#	1000	-198000#		1.1		1.7					109.1		185.7			
35#	750	-198000#	3.0		2.3				2.54	4.19	97.6		151.2			149.54 252.19
36#	500	-198000#		1.6		4.0					130.2		172.3			
37#	250	-198000#	2.9		2.8				2.93	3.11	122.5		157			166.25 160.79
38#	0	-198000#		3.4		3.3					191.4					
39#	-250	-198000#	4.4		4.8				3.72	2.68	65.1		229.7			143.96 128.97
40#	-500	-198000#		3.1		2.9					86.1		268.0			
41#	-750	-198000#	3.3		3.7				3.39	4.11	55.5		105.3			125.85 148.35
42#	-1000	-198000#		3.5							82.3					
43#	-1250	-198000#	5.0		2.7				4.00	3.71	51.7		109.1			128.97 160.07

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT							APP. R	ESIST O	HM.M				
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
44#	-1500	-198000#		3.6		3.5					84.2		195.2		
45#	-1750	-198000#	2.7		5.0			3.63	3.77	63.2		157		151.46	164.38
46#	-2000	-198000#		3.6		4.6					139.7		308.2		
47#	-2250	-198000#	3.8		4.6			4.03	3.63	78.5		268		182.92	166.53
48#	-2500	-198000#		4.2		4.3					212.5		254.6		
49#	-2750	-198000#	3.8		3.2			4.08	5.22	172.3		201		220.05	216.06
50#	-3000	-198000#		4.8		3.8					193.3		315.8		
51#	-3250	-198000#	13.1		3.7			6.41	3.8	243.1		193.3		259.45	325.4
52#	-3500	-198000#		4.5		3.9					302.4		258.4		
53#	-3750	-198000#	2.6		4.6			3.57	5.14	197.2		417.3		320.86	216.3
54#	-4000	-198000#		3.5							350.3				
55#	-4250	-198000#	3.2		3.3			3.71	3.9	124.4		555.1		291.75	219.41
56#	-4500	-198000#		3.1		3.8					235.4		539.8		
57#	-4750	-198000#	3.2		4.9			3.84	3.81	139.7		245		253.7	258.89
58#	-5000	-198000#		3.9		4.4					183.8		233.5		
59#	-5250	-198000#	3.5		4.4			4.06	3.23	134		162.7		218.49	272.29
60#	-5500	-198000#		4.7		5.2					145.5		260.3		
61#	-5750	-198000#	3.0		3.2			3.67	3.58	91.9		248.8		199.79	262.96
62#	-6000	-198000#		3.1		3.9					179.9		392.4		
63#	-6250	-198000#	4.2		2.8			3.52	4.21	132.1		306.3		221.48	200.51
64#	-6500	-198000#		3.1		3.7					239.3		335.0		
65#	-6750	-198000#	3.7		1.5			3.58	4.27	166.5		90		240.78	269.66
66#	-7000	-198000#		3.9							206.7				
67#	-7250	-198000#	3.9		3.9			4.07	3.93	216.3		298.6		273.4	362.73
68#	-7500	-198000#		4.0		5.7					359.9		298.6		
69#	-7750	-198000#	3.9		4.8			4.51	3.5	352.2		402		386.26	314.16
70#	-8000	-198000#		4.7		5.7					472.8		357.9		
71#	-8250	-198000#	4.1		4.8			4.37	3.88	344.5		402		409.19	429.25
72#	-8500	-198000#		3.1		4.6					444.1		570.4		
73#	-8750	-198000#	3.1		3.3			3.96	5.04	440.3		478.5		451.7	354.6
74#	-9000	-198000#		5.1		4.4					394.3		398.1		
75#	-9250	-198000#	6.7		4.2			4.95	4.4	248.8		593.4		403.88	367.28
76#	-9500	-198000#		6.0		3.5					398.1		497.7		
77#	-9750	-198000#	5.2		2.6			4.53	4.99	235.4		373.3		362.57	340
78#	-10000	-198000#		3.8							252.7				
79#	-10250	-198000#	3.6		4.3			4.29	4.41	172.3		289		294.22	317.75
80#	-10500	-198000#		5.5		5.2					204.8		516.8		
81#	-10750	-198000#	3.1		5.9			4.42	3.01	172.3		394.3		267.26	209.6
82#	-11000	-198000#		4.7		5.1					363.7		256.5		
83#	-11250	-198000#	2.5		3.5			3.60	4.62	124.4		271.8		211.71	173.47
84#	-11500	-198000#		2.7		4.3					118.7		109.1		
85#	-11750	-198000#	2.7		0.5			3.51	4.37	120.6		49.8		130.52	304.11
86#	-12000	-198000#		3.5		4.8					63.2		88.1		
87#	-12250	-198000#	3.3		5.3			3.87	3.91	74.7		109.1		116.84	215.34
88#	-12500	-198000#		3.7		6.2					141.6		214.4		
89#	-12750	-198000#	3.2		4.5			4.34	3.96	128.2		300.5		184.48	96.66
90#	-13000	-198000#		4.0							155				
91#	-13250	-198000#	5.3		6.0			5.00	4.56	78.5		231.6		175.3	113.41
92#	-13500	-198000#		5.0		4.0					101.4		440.3		
93#	-13750	-198000#	5.2		5.0			4.97	4.66	118.7		199.1		158.08	158.63
94#	-14000	-198000#		5.1		4.8					197.2		97.6		

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
95#	-14250	-198000#		4.8		4.6		4.57	4.7	172.3		97.6		157.56	166.53
96#	-14500	-198000#			3.6		4.4				107.2		26.8		
97#	-14750	-198000#		4.6		4.8		4.23	4.46	99.5		65.1		104.8	340.48
98#	-15000	-198000#					3.9						176.1		
99#	-15250	-198000#		3.3				4.09	4.98	222				297.57	164.14
100#	-15500	-198000#			4.3		2.9				534		224.0		
101#	-15750	-198000#		2.8		5.2		4.66	5.62	187.6		518.7		287.52	119.16
102#	-16000	-198000#			4.5						206.7				
103#	-16250	-198000#		4.8		9.6		5.59	3.77	109.1		162.7		198.43	255.06
104#	-16500	-198000#			9.6		5.3				91.9		354.1		
105#	-16750	-198000#		3.9		3.6		5.28	3.68	134		187.6		189.42	209.6
106#	-17000	-198000#			4.0		4.9				289		158.9		
107#	-17250	-198000#		4.5		3.4		3.84	5.57	181.8		283.3		202.3	127.77
108#	-17500	-198000#			3.3		4.4				166.5		153.1		
109#	-17750	-198000#		1.7		1.1		3.44	7.51	166.5		103.4		155.21	246.21
110#	-18000	-198000#			2.5		3.0				88.1		166.5		
111#	-18250	-198000#		2.7		11.6		7.01	3.28	141.6		149.3		152.01	154.81
112#	-18500	-198000#			29.4		2.9				237.4		114.8		
113#	-18750	-198000#		2.5		5.2		7.21	3.39	70.8		224		137.58	119.63
114#	-19000	-198000#			3.3						70.8				
115#	-19250	-198000#		4.4		2.8		3.90	8.73	72.7		149.3		120.03	136.86
116#	-19500	-198000#			3.2		4.3				114.8		172.3		
117#	-19750	-198000#		5.0		4.9		4.79	4.52	95.7		124.4		124.82	94.75
118#	-20000	-198000#			7.1		4.0				116.8		158.9		
119#	-20250	-198000#		3.1		4.4		4.83	3.82	59.3		174.2		100.65	107.19
120#	-20500	-198000#			3.7		6.7				93.8		84.2		
121#	-20750	-198000#		1.7		7.1		4.02	4.49	99.5		47.9		99.1	108.15
122#	-21000	-198000#			3.1		6.7				65.1		74.7		
123#	-21250	-198000#		3.2		4.8		4.66	3.33	42.1		107.2		72.9	108.87
124#	-21500	-198000#			4.6		5.0				91.9		112.9		
125#	-21750	-198000#		3.0		4.4		4.02	4.09	84.2		86.1		89.81	56.71
126#	-22000	-198000#			2.8						91.9				
127#	-22250	-198000#		3.3		2.7		3.46	3.86	44		84.2		69.07	102.89
128#	-22500	-198000#			3.2		4.4				42.1		84.2		
129#	-22750	-198000#		3.0		3.4		3.10	3.17	70.8		44		83.82	100.25
130#	-23000	-198000#			2.7		2.7				78.5		84.2		
131#	-23250	-198000#		5.0		3.3		3.17	3.28	51.7		151.2		95.99	97.14
132#	-23500	-198000#			1.5		2.6				118.7		164.6		
133#	-23750	-198000#		2.8		0.8		2.70	3.99	101.4		134		123.66	72.02
134#	-24000	-198000#			3.3		2.6				126.3		162.7		
135#	-24250	-198000#		4.0		4.5		3.31	3.02	72.7		137.8		109.9	138.78
136#	-24500	-198000#			3.1						88.1		107.2		
137#	-24750	-198000#		4.0		5.0		3.60	3.1	141.6		72.7		134.31	121.55
138#	-25000	-198000#			3.7						122.5				
139#	-25250	-198000#		3.1		3.0		3.51	3.78	103.4		166.5		125.38	110.06
140#	-25500	-198000#			4.3		3.1				137.8		224.0		
141#	-25750	-198000#		3.1		3.7		3.46	5.53	90		183.8		119	86.38
142#	-26000	-198000#			2.7		3.0				134		49.8		
143#	-26250	-198000#		2.3				4.75	3.34	130.2		42.1		103.44	98.58
144#	-26500	-198000#			7.2		5.7				32.5		84.2		
145#	-26750	-198000#		3.5		11.9		5.12	3.52	36.4		59.3		55.43	132.55

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****
146#	-27000	-198000#		3.9							72.7		63.2			
147#	-27250	-198000#	5.9		3.4			5.08	4.23	40.2		67			63.33	33.74
148#	-27500	-198000#		4.0		2.8					45.9		109.1			
149#	-27750	-198000#	3.9		3.2			3.76	5.05	13.4		78.5			44.5	57.9
150#	-28000	-198000#		2.1							23					
151#	-28250	-198000#	3.8		4.0			3.42	4	40.2		38.3			51.28	42.11
152#	-28500	-198000#		2.1		6.2					67		34.5			
153#	-28750	-198000#	2.7		2.8			3.79	3.36	30.6		59.3			41.55	68.43
154#	-29000	-198000#		3.4		4.3					34.5		40.2			
155#	-29250	-198000#	2.5		6.5			3.86	3.1	34.5		32.5			48.53	106.95
156#	-29500	-198000#		2.9							40.2		49.8			
157#	-29750	-198000#	2.7		4.2			3.69	4.07	38.3		61.3			84.1	54.07
158#	-30000	-198000#		3.5		5.3					67		160.8			
159#	-30250	-198000#	3.1		2.8			3.72	4.1	36.4		354.1			101.93	41.15
160#	-30500	-198000#		3.3		3.5					116.8		130.2			
161#	-30750	-198000#	2.9		5.0			3.76	3.46	65.1		82.3			102.96	59.82
162#	-31000	-198000#		2.3							49.8					
163#	-31250	-198000#	2.9		7.1			3.57	3.37	84.2		26.8			67.47	142.6
164#	-31500	-198000#		2.6							53.6		36.4			
165#	-31750	-198000#	3.1		3.9			3.54	3.43	59.3		59.3			73.38	74.65
166#	-32000	-198000#		2.9		3.8					95.7		67.0			
167#	-32250	-198000#	2.9		3.2			3.36	4.56	32.5		124.4			70.62	38.04
168#	-32500	-198000#		4.2		3.5					47.9		164.6			
169#	-32750	-198000#	5.3		3.9			4.24	4.18	26.8		88.1			59.26	44.03
170#	-33000	-198000#		4.8		2.7					32.5		82.3			
171#	-33250	-198000#	5.2		4.6			4.40	3.86	26.8		36.4			51.2	64.12
172#	-33500	-198000#		4.3							28.7		34.5			
173#	-33750	-198000#	2.9		5.9			3.80	4.08	26.8		36.4			37.57	64.84
174#	-34000	-198000#		4.4							28.7					
175#	-34250	-198000#	3.2					4.52	3.41	30.6					35.17	43.07
176#	-34500	-198000#														
177#	-34750	-198000#														
178#	-35000	-198000#											55.5			
179#	-35250	-198000#		2.5								55.5				
180#	-35500	-198000#		3.5		3.1					36.4		59.3			
181#	-35750	-198000#	2.7		3.3			3.07	3.2	38.3		44			44.86	40.84
182#	-36000	-198000#		4.2		3.1					51.7		36.4			
183#	-36250	-198000#	2.7		3.1			3.16	3.54	45.9		44			45.06	44.26
184#	-36500	-198000#		3.4		2.3					38.3		45.9			
185#	-36750	-198000#	1.7		3.4			3.12	3.75	34.5		38.3			39.72	45.22
186#	-37000	-198000#		4.0							34.5					
187#	-37250	-198000#	3.4		4.4			3.86	2.97	23		53.6			38.52	36.37
188#	-37500	-198000#		3.8		4.8					40.2		45.9			
189#	-37750	-198000#	2.1		4.8			3.53	3.88	24.9		32.5			37.88	38.52
190#	-38000	-198000#		2.7		4.6					19.1		65.1			
191#	-38250	-198000#	2.5		3.1			3.86	4.79	23		36.4			37.09	61.01
192#	-38500	-198000#		4.8		4.6					40.2		57.4			
193#	-38750	-198000#	3.1		5.9			4.19	4.16	45.9		57.4			54.59	36.85
194#	-39000	-198000#		2.9		4.6					70.8		45.9			
195#	-39250	-198000#	5.2		3.0			4.81	4.22	36.4		57.4			53.36	59.82
196#	-39500	-198000#		3.3		9.5					34.5		97.6			

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
197#	-39750	-198000#	4.8	5.3		4.79	4.28	36.4				57.4		59.18	67.71
198#	-40000	-198000#	4.4								72.7				
199#	-40250	-198000#	3.4	4.4		4.55	3.67	59.3				82.3		76.88	44.26
200#	-40500	-198000#	3.1	4.6							76.6		99.5		
201#	-40750	-198000#	2.3	4.2		3.59	5.16	36.4				91.9		63.09	58.38
202#	-41000	-198000#	4.2	5.0							47.9		91.9		
203#	-41250	-198000#	2.3	3.6		3.50	3.42	51.7				53.6		57.78	48.57
204#	-41500	-198000#	2.3	3.5							51.7		42.1		
205#	-41750	-198000#	5.2	4.6		3.88	4.11	38.3				44		44.22	69.15
206#	-42000	-198000#	2.5								36.4		32.5		
207#	-42250	-198000#	4.4	3.1		3.80	4.05	47.9				26.8		44.34	67.47
208#	-42500	-198000#	4.1								55.5		45.9		
209#	-42750	-198000#	4.4	4.6		3.99	3.42	38.3				59.3		55.19	51.44
210#	-43000	-198000#	4.0								67				
211#	-43250	-198000#	2.9	4.4		3.44	3.31	44				86.1		63.73	48.81
212#	-43500	-198000#	2.7	3.5							61.3		112.9		
213#	-43750	-198000#	4.2	3.8		3.41	4.76	38.3				86.1		64.2	73.22
214#	-44000	-198000#	2.5	3.1							59.3		49.8		
215#	-44250	-198000#	5.2	3.3		4.02	4.35	63.2				74.7		78.24	84.46
216#	-44500	-198000#	4.1	2.5							101.4		65.1		
217#	-44750	-198000#	4.4	4.0		4.10	3.94	70.8				91.9		83.58	84.94
218#	-45000	-198000#	2.9	6.7							74.7		112.9		
219#	-45250	-198000#	5.0	4.8		4.43	3.77	57.4				95.7		83.5	70.34
220#	-45500	-198000#	4.2	5.7							80.4		124.4		
221#	-45750	-198000#	4.0	3.9		4.38	3.64	44				107.2		78.88	77.52
222#	-46000	-198000#	4.0								63.2				
223#	-46250	-198000#	4.6	4.0		4.03	4.27	47.9				65.1		78.56	95.95
224#	-46500	-198000#	2.9	3.3							61.3		93.8		
225#	-46750	-198000#	5.9	4.2		3.91	3.76	51.7				95.7		88.21	111.74
226#	-47000	-198000#	3.1	3.0							95.7		126.3		
227#	-47250	-198000#	3.0	2.9		3.12	2.52	91.9				137.8		117.8	78.96
228#	-47500	-198000#	3.6	2.7							134		149.3		
229#	-47750	-198000#	2.4	2.5		2.48	2.59	80.4				155		112.89	90.44
230#	-48000	-198000#	2.4	2.7							82.3		170.4		
231#	-48250	-198000#	1.9	1.4		1.80	2.21	72.7				84.2		102.09	104.08
232#	-48500	-198000#	1.0	0.5							82.3		103.4		
233#	-48750	-198000#	1.9	1.0		1.43	2.45	61.3				97.6		91.4	113.65
234#	-49000	-198000#	1.0								82.3				
235#	-49250	-198000#	0.5	0.9		1.57	2.19	53.6				63.2		94.35	116.04
236#	-49500	-198000#	3.9	1.9							80.4		147.4		
237#	-49750	-198000#	1.4	2.8		2.41	1.58	61.3				105.3		112.06	103.36
238#	-50000	-198000#	2.4	2.9							90		210.6		
239#	-50250	-198000#	0.9	2.9		2.29	2.8	59.3				179.9		123.86	73.22
240#	-50500	-198000#	2.0	3.8							139.7		199.1		
241#	-50750	-198000#	4.8	2.9		3.41	2.69	70.8				170.4		122.39	97.38
242#	-51000	-198000#	3.9	3.9							111		120.6		
243#	-51250	-198000#	3.8	1.9		3.55	3.45	97.6				91.9		105.68	130.16
244#	-51500	-198000#	4.8	2.8							82.3		53.6		
245#	-51750	-198000#	3.9	2.9		3.57	3.71	124.4				49.8		97.94	119.87
246#	-52000	-198000#	3.0								93.8				
247#	-52250	-198000#	3.9	4.3		3.64	3.05	68.9				61.3		84.22	87.81

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
248#	-52500	-198000#		4.8		3.9					51.7		160.8		
249#	-52750	-198000#	1.9		2.8			3.11	3.25	36.4		141.6			80.55 71.54
250#	-53000	-198000#		2.8		3.8					101.4		118.7		
251#	-53250	-198000#	4.3		3.3			3.35	4.07	68.9		88.1			89.73 51.2
252#	-53500	-198000#		2.8		1.9					63.2		57.4		
253#	-53750	-198000#	3.8		2.4			3.49	3.58	34.5		40.2			60.65 137.34
254#	-54000	-198000#		2.9		3.9					24.9		134.0		
255#	-54250	-198000#	3.3		5.3			3.46	3.58	55.5		90			92.92 79.68
256#	-54500	-198000#		2.7		4.8					248.8		55.5		
257#	-54750	-198000#	3.8		4.8			3.96	3.22	105.3		160.8			116.44 47.38
258#	-55000	-198000#		4.3							80.4				
259#	-55250	-198000#	2.9		3.4			3.78	3.83	30.6		59.3			63.25 130.16
260#	-55500	-198000#		2.9		3.3					24.9		88.1		
261#	-55750	-198000#	3.4		4.3			3.65	4.04	32.5		38.3			74.09 81.11
262#	-56000	-198000#		3.4		5.3					61.3		107.2		
263#	-56250	-198000#	2.9		3.3			3.68	3.03	26.8		174.2			81.71 39
264#	-56500	-198000#		2.4		4.9					80.4		195.2		
265#	-56750	-198000#	1.4		5.8			3.38	3.36	32.5		86.1			78 52.88
266#	-57000	-198000#		3.8		4.4					34.5		128.2		
267#	-57250	-198000#	3.3		3.3			3.88	4.18	26.8		55.5			62.85 114.85
268#	-57500	-198000#		2.9							53.6		36.4		
269#	-57750	-198000#	3.4		3.3			4.16	4.59	93.8		40.2			91.32 120.35
270#	-58000	-198000#		3.9							86.1				
271#	-58250	-198000#	1.9		8.7			4.53	4.06	80.4		248.8			110.7 78.48
272#	-58500	-198000#		6.8		5.1					252.7		95.7		
273#	-58750	-198000#	5.0		5.2			5.84	3.61	26.8		91.9			115.57 57.9
274#	-59000	-198000#		5.8							86.1				
275#	-59250	-198000#	5.3					5.34	6.85	57.4					82.79 176.1
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****

SOUTH REGIONAL 2020S 500 FEET ??-??- 2080 XX1 15
IP W-165E LENGTH FEET
GEOCHEMISTRY
ALONG LINE STATIONS INCREASE WEST EAST =X
TRAVERSES INCREASE SOUTH =-Y

[illegible]

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT							APP. R	ESIST O	HM.M				
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
44#	5750	-202000#	2.9	3.4		3.16		2.98	47.9		93.8		92.44	144.52	
45#	5500	-202000#	2.4							42.1					
46#	5250	-202000#	1.9	2.4		2.57		3.15	70.8		65.1		104.64	114.61	
47#	5000	-202000#	1.9		2.9					88.1		168.4			
48#	4750	-202000#	1.4	2.4		2.43		2.98	47.9		183.8		116.36	103.6	
49#	4500	-202000#	2.9		3.7					143.6		197.2			
50#	4250	-202000#	2.8	2.9		2.95		2.6	97.6		114.8		134.51	117.48	
51#	4000	-202000#	2.4		3.3					95.7		176.1			
52#	3750	-202000#	2.4	3.7		2.92		2.63	74.7		162.7		126.97	179.69	
53#	3500	-202000#	2.9		3.4					153.1		126.3			
54#	3250	-202000#	2.0	2.9		2.77		5.02	178		132.1		178.57	263.43	
55#	3000	-202000#	1.9		3.4					189.5		189.5			
56#	2750	-202000#	2.9	3.4		5.01		5.8	145.5		308.2		258.25	306.02	
57#	2500	-202000#	19.1							285.2					
58#	2250	-202000#	2.4	3.4		7.98		2.11	342.6		842.2		412.58	195.24	
59#	2000	-202000#	28.7		3.3					735		352.2			
60#	1750	-202000#	1.0	1.9		5.12		4.62	38.3		206.7		345.42	299.09	
61#	1500	-202000#	1.4		1.4					204.8		493.8			
62#	1250	-202000#	1.4	1.4		1.88		5.54	147.4		333.1		279.58	415.37	
63#	1000	-202000#	2.4		1.9					273.7		392.4			
64#	750	-202000#	2.3	2.4		2.16		2.35	208.6		367.5		330.47	268.94	
65#	500	-202000#	2.4		2.4					331.1		478.5			
66#	250	-202000#	1.0	1.9		2.19		2.43	212.5		432.6		335.37	329.47	
67#	0	-202000#	4.9		2.4					352.2		367.5			
68#	-250	-202000#	2.4	1.5		2.82		2.26	319.7		323.5		354.04	330.91	
69#	-500	-202000#	3.3							304.3					
70#	-750	-202000#	3.7	3.2		2.84		2.53	248.8		338.8		320.78	349.57	
71#	-1000	-202000#	2.4		2.9					315.8		363.7			
72#	-1250	-202000#	2.3	2.4		2.37		2.44	166.5		350.3		301.96	289.28	
73#	-1500	-202000#	2.4		1.9					243.1		428.8			
74#	-1750	-202000#	2.4	1.9		2.18		2.89	141.6		333.1		280.1	278.75	
75#	-2000	-202000#	1.0		1.9					216.3		470.9			
76#	-2250	-202000#	1.4	2.4		2.18		2.87	158.9		329.2		283.29	284.73	
77#	-2500	-202000#	1.9		2.9					271.8		382.8			
78#	-2750	-202000#	1.4	6.1		2.78		1.96	243.1		319.7		306.98	262.24	
79#	-3000	-202000#	2.9		2.9					285.2		329.2			
80#	-3250	-202000#	0.5	5.7		2.79		2.39	212.5		287.1		270.05	278.75	
81#	-3500	-202000#	2.4							216.3					
82#	-3750	-202000#	4.8	3.8		3.34		2.85	185.7		252.7		239.59	271.81	
83#	-4000	-202000#	0.5		2.8					231.6		279.5			
84#	-4250	-202000#	2.3	1.9		2.51		3.41	179.9		275.6		236.32	249.08	
85#	-4500	-202000#	3.0		4.2					248.8		222.0			
86#	-4750	-202000#	3.4	2.3		2.92		2.94	187.6		233.5		238.95	302.67	
87#	-5000	-202000#	2.8		2.9					199.1		312.0			
88#	-5250	-202000#	5.3	2.4		3.47		2.93	172.3		290.9		250.83	242.14	
89#	-5500	-202000#	2.4		2.9					254.6		296.7			
90#	-5750	-202000#	2.4	3.5		2.86		3.63	149.3		266.1		260.64	221.32	
91#	-6000	-202000#	3.8		2.9					166.5		532.1			
92#	-6250	-202000#	3.8	3.4		3.48		2.68	128.2		350.3		251.79	310.57	
93#	-6500	-202000#	2.8							252.7					
94#	-6750	-202000#	4.7	4.9		3.36		3.8	292.9		304.3		341.52	328.75	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
95#	-7000	-202000#		2.9		2.8					421.1		258.4		
96#	-7250	-202000#	4.3		0.9			3.58	8.39	501.5		373.3			410.98 556.06
97#	-7500	-202000#		4.4		2.9					396.2		390.5		
98#	-7750	-202000#	5.8		3.8			6.35	6.71	1091		392.4			639.28 483.56
99#	-8000	-202000#		4.8		3.9					781		482.4		
100#	-8250	-202000#	4.2		4.3			6.95	3.19	581.9		627.8			545.01 405.8
101#	-8500	-202000#		3.9		38.5					493.8		520.6		
102#	-8750	-202000#	0.9		4.8			7.02	6.34	338.8		367.5			415.69 399.34
103#	-9000	-202000#		3.9		14.4					206.7		599.1		
104#	-9250	-202000#	2.8		3.9			9.20	3.1	134		323.5			294.7 341.67
105#	-9500	-202000#		4.7							197.2				
106#	-9750	-202000#	1.0		3.3			5.68	7.86	116.8		302.4			254.02 256.5
107#	-10000	-202000#		3.3		24.1					176.1		415.4		
108#	-10250	-202000#	3.3		4.2			5.08	5.1	181.8		248.8			231.29 259.85
109#	-10500	-202000#		3.3		3.2					218.2		248.8		
110#	-10750	-202000#	4.3		3.0			5.14	4.55	172.3		227.8			222.52 230.18
111#	-11000	-202000#		4.2		3.3					201		195.2		
112#	-11250	-202000#	5.3		4.3			4.41	8.82	147.4		206.7			206.13 281.62
113#	-11500	-202000#		4.4		3.9					181.8		262.2		
114#	-11750	-202000#	2.9		4.2			3.87	6.53	153.1		277.6			228.02 310.57
115#	-12000	-202000#		2.9		6.3					290.9		287.1		
116#	-12250	-202000#	24.1		4.7			9.16	7.86	243.1		338.8			325.4 286.88
117#	-12500	-202000#		3.8							313.9				
118#	-12750	-202000#	1.9		4.3			6.59	8.38	225.9		562.8			370.71 281.38
119#	-13000	-202000#		3.8		4.3					478.5		539.8		
120#	-13250	-202000#	23.9		38.3			11.48	3.87	310.1		467.1			387.22 278.51
121#	-13500	-202000#		2.9		3.9					350.3		386.7		
122#	-13750	-202000#	2.8		2.4			6.17	7.1	275.6		310.1			318.35 415.85
123#	-14000	-202000#		4.3		2.9					268		206.7		
124#	-14250	-202000#	2.9		2.4			3.61	8.81	241.2		199.1			283.41 413.22
125#	-14500	-202000#		3.7		4.8					197.2		319.7		
126#	-14750	-202000#	3.3		3.7			4.58	3.51	220.1		335			308.18 311.29
127#	-15000	-202000#		7.7		7.2					335		601.0		
128#	-15250	-202000#	3.4		6.9			4.84	3.87	224		578.1			356.11 227.3
129#	-15500	-202000#		4.9							409.6				
130#	-15750	-202000#	4.9		4.2			4.85	6.04	179.9		277.6			321.74 333.06
131#	-16000	-202000#		3.8		2.2					122.5		373.3		
132#	-16250	-202000#	6.7		3.8			5.61	12.84	157		252.7			288 481.65
133#	-16500	-202000#		5.9		6.2					327.3		440.3		
134#	-16750	-202000#	7.1		7.4			12.98	4.6	444.1		526.4			454.05 195.72
135#	-17000	-202000#		62.2		8.8					698.7		440.3		
136#	-17250	-202000#	5.2		4.8			12.58	3.89	225.9		606.8			367.52 309.13
137#	-17500	-202000#		6.3		4.7					225.9		335.0		
138#	-17750	-202000#	4.3		2.8			4.51	12.32	252.7		147.4			280.82 348.13
139#	-18000	-202000#		2.3		3.9					178		204.8		
140#	-18250	-202000#	5.3		3.3			4.02	4.99	135.9		271.8			209.12 278.27
141#	-18500	-202000#		3.8							235.4				
142#	-18750	-202000#	2.9		4.4			3.75	3.8	151.2		258.4			203.94 144.28
143#	-19000	-202000#		4.2		4.2					183.8		264.2		
144#	-19250	-202000#	3.9		3.8			4.06	3.28	68.9		212.5			142.44 186.63
145#	-19500	-202000#		4.3		4.7					99.5		153.1		

*****	*****							*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
146#	-19750	-202000#	2.9	4.8		3.50		3.94	116.8		72.7		138.3	166.29	
147#	-20000	-202000#		2.4	2.3						72.7	116.8			
148#	-20250	-202000#	1.9	2.9		3.51		3.15	49.8		139.7		115.93	152.65	
149#	-20500	-202000#		7.2	4.2						82.3	300.5			
150#	-20750	-202000#	3.4	3.4		3.30		2.44	42.1		178		125.46	102.89	
151#	-21000	-202000#		0.5	3.3						88.1	254.6			
152#	-21250	-202000#	1.0	1.9		1.84		3.12	57.4		134		136.06	108.63	
153#	-21500	-202000#		1.9							88.1				
154#	-21750	-202000#	1.4	1.0		1.99		4.86	57.4		145.5		125.78	174.9	
155#	-22000	-202000#		1.9	1.8						112.9	183.8			
156#	-22250	-202000#	2.8	1.9		4.05		2.45	157		155		169.56	176.1	
157#	-22500	-202000#		3.4	3.9						258.4	162.7			
158#	-22750	-202000#	1.9	19.3		4.06		3.82	264.2		279.5		222.24	202.18	
159#	-23000	-202000#		1.9	4.3						331.1	80.4			
160#	-23250	-202000#	3.3	3.8		4.77		3.17	371.3		103.4		243.38	202.18	
161#	-23500	-202000#		1.0	3.3						137.8	176.1			
162#	-23750	-202000#	4.3	5.4		4.22		5.66	82.3		233.5		154.65	260.8	
163#	-24000	-202000#		3.4	7.6						178	229.7			
164#	-24250	-202000#		6.9					116.8		312		205.13	89.96	
165#	-24500	-202000#		3.8							135.9				
166#	-24750	-202000#	3.3	4.8		4.94		3.44	36.4		283.3		155.05	160.79	
167#	-25000	-202000#		5.6	4.9						74.7	405.8			
168#	-25250	-202000#	3.8	4.8		3.99		4.48	112.9		109.1		158.87	161.75	
169#	-25500	-202000#		3.9							185.7	95.7			
170#	-25750	-202000#	2.8	1.0		3.31		2.8	122.5		158.9		153.97	214.62	
171#	-26000	-202000#		1.0	2.9						126.3	124.4			
172#	-26250	-202000#	1.0	8.5		2.12		3.79	147.4		105.3		170.2	254.34	
173#	-26500	-202000#		2.4	1.9						158.9	225.9			
174#	-26750	-202000#		1.9					135.9		354.1		215.42	175.14	
175#	-27000	-202000#		1.4	1.4						333.1	292.9			
176#	-27250	-202000#	14.5			5.49		3.16	193.3		336.9		257.37	118.92	
177#	-27500	-202000#		1.9							239.3				
178#	-27750	-202000#	1.9	4.3		2.65		4.61	101.4		179.9		174.51	209.36	
179#	-28000	-202000#		2.9	4.7						70.8	260.3			
180#	-28250	-202000#	4.8	2.8		3.89		3.23	57.4		109.1		127.77	203.86	
181#	-28500	-202000#		3.8	1.9						97.6	145.5			
182#	-28750	-202000#	3.8	3.8		3.76		4.9	65.1		135.9		140.89	112.46	
183#	-29000	-202000#		2.8	4.7						109.1	277.6			
184#	-29250	-202000#	1.9	3.8		4.02		4.34	74.7		252.7		147.55	163.42	
185#	-29500	-202000#		6.7	6.3						185.7	233.5			
186#	-29750	-202000#	2.8	6.2		5.06		3.59	214.4		158.9		194.05	107.19	
187#	-30000	-202000#		6.2	6.2						195.2	86.1			
188#	-30250	-202000#	5.7	5.8		5.52		4.35	143.6		105.3		133.35	166.53	
189#	-30500	-202000#		5.3							88.1				
190#	-30750	-202000#	4.8	3.4		4.60		6.04	82.3		80.4		91.24	144.52	
191#	-31000	-202000#		3.3	3.9						88.1	80.4			
192#	-31250	-202000#	8.3	2.9		5.23		4.51	126.3		97.6		103.12	77.28	
193#	-31500	-202000#		2.6	5.8						70.8	134.0			
194#	-31750	-202000#	1.9	5.8		3.61		4.69	44		112.9		76.61	79.2	
195#	-32000	-202000#		2.4	7.1						63.2	114.8			
196#	-32250	-202000#	2.9	5.8		4.21		3.27	42.1		67		72.3	62.45	

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
197#	-32500	-202000#		3.4		4.0					53.6		82.3		
198#	-32750	-202000#	2.9		4.8		4.25		4.31	28.7		74.7		59.1	85.9
199#	-33000	-202000#		3.8		5.7					44		84.2		
200#	-33250	-202000#	2.9		4.3		4.17		4.86	47.9		53.6		68.75	70.82
201#	-33500	-202000#		4.3							67				
202#	-33750	-202000#	2.4		5.3		4.49		4.56	47.9		101.4		74.33	67.95
203#	-34000	-202000#		4.8		5.2					70.8		118.7		
204#	-34250	-202000#	4.8		5.8		5.31		4.42	49.8		86.1		78.16	69.15
205#	-34500	-202000#		5.8		6.7					67		97.6		
206#	-34750	-202000#	4.3		5.7		5.23		4.96	47.9		76.6		74.93	83.9
207#	-35000	-202000#				4.8					57.4		101.4		
208#	-35250	-202000#		4.3						53.6		86.1		82.71	88.53
209#	-35500	-202000#									93.8		109.1		
210#	-35750	-202000#								80.4		134		97.46	81.11
211#	-36000	-202000#		2.4							124.4				
212#	-36250	-202000#								116.8		65.1		104.08	76.81
213#	-36500	-202000#		0.5							72.7				
214#	-36750	-202000#	2.9		2.4		1.59		1.96	38.3		76.6		56.04	105.28
215#	-37000	-202000#									51.7				
216#	-37250	-202000#	0.9		0.5		1.98		2.16	49.8		61.3		59.02	47.85
217#	-37500	-202000#		3.6							65.1				
218#	-37750	-202000#	1.9				1.95		3.1	19.1				42.11	39.56
219#	-38000	-202000#		3.3							26.8				
220#	-38250	-202000#	3.4				3.71		2.51	23				21.06	36.37
221#	-38500	-202000#		4.8							19.1				
222#	-38750	-202000#	4.8				4.55		4.7	17.2		17.2		21.06	31.9
223#	-39000	-202000#		3.8							30.6				
224#	-39250	-202000#	3.8				4.86		6.14	30.6		24.9		29.14	33.18
225#	-39500	-202000#		6.2							26.8				
226#	-39750	-202000#	7.8		5.7		6.75		3.74	34.5		42.1		34.56	32.22
227#	-40000	-202000#		7.2							36.4				
228#	-40250	-202000#	0.5				3.90		4.74	36.4		45.9		38.07	36.13
229#	-40500	-202000#		4.8							24.9				
230#	-40750	-202000#	3.8		4.8		4.24		4.19	19.1		53.6		37.17	48.09
231#	-41000	-202000#		3.8							40.2				
232#	-41250	-202000#	2.9		3.3		3.85		3.43	32.5		47.9		46.34	29.35
233#	-41500	-202000#		3.4		4.8					45.9		47.9		
234#	-41750	-202000#	1.9		4.3		3.36		4.07	21.1		49.8		40.52	57.42
235#	-42000	-202000#		2.4		4.8					26.8		70.8		
236#	-42250	-202000#	2.9		3.8		3.74		2.81	36.4		38.3		49.53	52.88
237#	-42500	-202000#		2.9							55.5				
238#	-42750	-202000#	1.0		5.7		3.08		3.31	42.1		68.9		58.06	53.84
239#	-43000	-202000#				4.8					55.5		86.1		
240#	-43250	-202000#	2.9		2.9		3.20		3.17	42.1		68.9		63.49	68.67
241#	-43500	-202000#		1.9		3.3					59.3		70.8		
242#	-43750	-202000#	1.9		3.5		2.93		4.13	51.7		82.3		73.46	95.71
243#	-44000	-202000#		2.9		3.9					90		86.1		
244#	-44250	-202000#	2.4		3.3		3.28		3	65.1		72.7		88.65	79.44
245#	-44500	-202000#		1.9		4.7					82.3		128.2		
246#	-44750	-202000#	3.4		3.8		3.41		3.75	57.4		114.8		94.43	86.38
247#	-45000	-202000#		1.4		7.2					82.3		168.4		

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
248#	-45250	-202000#	4.8		2.9			4.08	10	59.3		143.6		102.89	175.86
249#	-45500	-202000#		1.4							109.1				
250#	-45750	-202000#	1.4		2.9			7.93	4.06	114.8		116.8		173.63	195.48
251#	-46000	-202000#		1.9		8.8					111		97.6		
252#	-46250	-202000#	2.8		2.9			8.68	3.77	91.9		95.7		222.92	146.43
253#	-46500	-202000#		3.8		61.4					97.6		786.7		
254#	-46750	-202000#	4.8		6.3			8.22	3.74	65.1		859.5		228.78	264.87
255#	-47000	-202000#		3.3		4.8					298.6		130.2		
256#	-47250	-202000#	2.9		5.3			7.87	5.33	160.8		143.6		329.15	113.89
257#	-47500	-202000#		7.1		3.8					308.2		128.2		
258#	-47750	-202000#	1.4		2.4			4.42	10.49	90		434.5		205.93	303.15
259#	-48000	-202000#		9.2		4.9					174.2		447.9		
260#	-48250	-202000#	1.0		2.9			3.11	4	53.6		193.3		160.87	128.97
261#	-48500	-202000#		1.9							76.6				
262#	-48750	-202000#	1.9					2.26	3.81	67		99.5		123.62	131.6
263#	-49000	-202000#			1.0						88.1		90.0		
264#	-49250	-202000#			1.9					55.5		74.7		76.88	125.62
265#	-49500	-202000#			2.3						45.9		130.2		
266#	-49750	-202000#			1.4					24.9		74.7		59.46	53.6
267#	-50000	-202000#		2.4		2.4					42.1		86.1		
268#	-50250	-202000#	1.4		1.4			1.81	2.17	32.5		51.7		57.3	56.95
269#	-50500	-202000#		1.9		2.4					42.1		101.4		
270#	-50750	-202000#	1.9		2.4			2.16	2.74	19.1		91.9		49.69	58.38
271#	-51000	-202000#		2.9		0.5					47.9		9.6		
272#	-51250	-202000#	3.4		3.9			3.04	2.75	32.5		63.2		51.36	44.03
273#	-51500	-202000#		3.8							51.7				
274#	-51750	-202000#	2.9		2.9			3.27	2.93	26.8		51.7		39.72	56.71
275#	-52000	-202000#		3.8		4.3					32.5		51.7		
276#	-52250	-202000#	2.4		4.3			3.29	3.01	32.5		32.5		42.35	39.24
277#	-52500	-202000#		3.3		3.4					34.5		61.3		
278#	-52750	-202000#	2.1		3.3			3.20	2.76	24.9		57.4		40.76	63.41
279#	-53000	-202000#		2.8		3.3					45.9		55.5		
280#	-53250	-202000#	1.9		3.8			2.84	3.25	45.9		34.5		53.44	42.35
281#	-53500	-202000#		2.4		4.3					36.4		57.4		
282#	-53750	-202000#	1.9		2.9			2.80	3.3	19.1		67		49.29	70.58
283#	-54000	-202000#		2.4		2.9					40.2		120.6		
284#	-54250	-202000#	2.4		3.4			3.23	2.91	32.5		84.2		70.9	46.66
285#	-54500	-202000#		3.9							84.2				
286#	-54750	-202000#	1.4		3.8			3.07	3.19	30.6		95.7		73.3	59.34
287#	-55000	-202000#		2.9		4.8					44		141.6		
288#	-55250	-202000#	1.4		3.6			3.21	3.31	28.7		65.1		68.11	75.85
289#	-55500	-202000#		3.4		3.9					51.7		88.1		
290#	-55750	-202000#	2.4		4.3			3.57	3.65	34.5		88.1		71.1	54.07
291#	-56000	-202000#		3.4		4.4					68.9		109.1		
292#	-56250	-202000#	3.8		3.8			4.07	3.34	30.6		95.7		63.96	70.11
293#	-56500	-202000#		4.3		5.3					49.8		88.1		
294#	-56750	-202000#	1.9		4.3			3.46	3.8	30.6		49.8		57.58	64.12
295#	-57000	-202000#		2.9		4.3					38.3		67.0		
296#	-57250	-202000#	3.8		2.9			3.79	3.79	23		57.4		52.08	61.73
297#	-57500	-202000#		3.3							44				
298#	-57750	-202000#	3.8		4.3			3.81	3.6	23		84.2		53.36	46.66

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
299#	-58000	-202000#		4.3		3.5					49.8		86.1		
300#	-58250	-202000#	3.4		4.3			3.55	3.77	28.7		55.5			52.32
301#	-58500	-202000#		2.9		3.4					30.6		80.4		
302#	-58750	-202000#	3.8		2.9			3.63	3.84	32.5		47.9			52.56
303#	-59000	-202000#		3.8		3.3					47.9		67.0		
304#	-59250	-202000#	2.9		4.3			3.54	3.34	47.9		70.8			65.24
305#	-59500	-202000#		3.9		3.9					72.7		88.1		
306#	-59750	-202000#	2.4		4.4			3.39	3.3	38.3		107.2			64.76
307#	-60000	-202000#		3.4		3.8					65.1		74.7		
308#	-60250	-202000#	2.9		2.9			3.45	3.59	65.1		47.9			67.95
309#	-60500	-202000#		4.3							49.8				
310#	-60750	-202000#	3.3		2.4			3.53	3.79	34.5		61.3			56.07
311#	-61000	-202000#		2.8		3.9					51.7		68.9		
312#	-61250	-202000#	2.9		4.8			3.53	3.65	30.6		61.3			58.22
313#	-61500	-202000#		3.3		3.8					44		103.4		
314#	-61750	-202000#	3.8		5.3			3.92	2.46	24.9		76.6			53.36
315#	-62000	-202000#		2.9		4.3					42.1		91.9		
316#	-62250	-202000#	1.4		4.3			2.89	3.48	24.9		57.4			49.97
317#	-62500	-202000#		1.9		3.8					38.3		57.4		
318#	-62750	-202000#	1.9		2.4			2.84	3.08	28.7		42.1			45.38
319#	-63000	-202000#		2.9		2.9					36.4		51.7		
320#	-63250	-202000#	1.4		3.4			2.67	2.94	45.9		45.9			57.19
321#	-63500	-202000#		2.4							61.3				
322#	-63750	-202000#	2.9		3.3			2.94	2.64	40.2		91.9			67.47
323#	-64000	-202000#		2.4		4.1					72.7		112.9		
324#	-64250	-202000#	1.9		2.4			2.70	3.25	51.7		91.9			76.33
325#	-64500	-202000#		2.4		3.4					67		93.8		
326#	-64750	-202000#	3.3		2.9			3.25	2.82	44		72.7			67.35
327#	-65000	-202000#		3.3		3.3					55.5		88.1		
328#	-65250	-202000#	1.9		4.3			3.08	3.35	45.9		65.1			61.21
329#	-65500	-202000#		3.9		3.5					63.2		55.5		
330#	-65750	-202000#	3.3		3.3			3.52	3.06	49.8		55.5			59.82
331#	-66000	-202000#		3.8		2.9					51.7		63.2		
332#	-66250	-202000#	1.9		3.4			3.09	3.84	40.2		68.9			55.99
333#	-66500	-202000#		2.8							59.3				
334#	-66750	-202000#	1.4		3.8			3.30	2.98	38.3		78.5			59.02
335#	-67000	-202000#		4.3		4.3					59.3		63.2		
336#	-67250	-202000#	2.4		5.8			3.53	2.88	32.5		72.7			50.65
337#	-67500	-202000#		3.0		4.3					34.5		68.9		
338#	-67750	-202000#	2.9		2.9			3.39	3.53	32.5		45.9			45.58
339#	-68000	-202000#		2.9		2.9					47.9		40.2		
340#	-68250	-202000#			3.4							42.1			
341#	-68500	-202000#				3.3							47.9		
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****

SOUTH REGIONAL 2060S 500 FEET ??-??-?? ENVELOP
IP 490W-150E LENGTH 64000 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH =-Y

[illegible]

*****	*****							*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****
44#	4250	-206000#	0.5		2.0			1.35	1.92	32.5		76.6		72.66 49.77
45#	4000	-206000#		1.4							101.4			
46#	3750	-206000#	2.4		1.9			1.73	1.32	36.4		160.8		76.65 40.91
47#	3500	-206000#		1.5		0.9					76.6		67.0	
48#	3250	-206000#	1.0		1.9			1.22	1.75	44		34.5		56.07 78.24
49#	3000	-206000#		0.9		0.5					24.9		42.1	
50#	2750	-206000#	0.9		1.4			1.27	1.92	36.4		34.5		48.21 121.79
51#	2500	-206000#		1.5		1.4					72.7		49.8	
52#	2250	-206000#	2.4		1.4			1.83	1.37	38.3		120.6		73.77 46.9
53#	2000	-206000#		1.9		2.4					82.3		19.1	
54#	1750	-206000#	1.4		1.9			1.80	1.61	26.8		135.9		74.09 48.33
55#	1500	-206000#		1.9		2.4					45.9		218.2	
56#	1250	-206000#	1.4		1.9			1.87	1.8	28.7		72.7		66.6 62.69
57#	1000	-206000#		1.9							55.5			
58#	750	-206000#	1.9		1.4			1.99	2.16	44		57.4		68.67 80.15
59#	500	-206000#		1.9		2.4					49.8		57.4	
60#	250	-206000#	2.9		1.9			2.30	2.1	57.4		53.6		73.38 150.02
61#	0	-206000#		2.4		2.4					72.7		74.7	
62#	-250	-206000#	2.4		2.4			2.21	2.66	84.2		105.3		122.31 156.24
63#	-500	-206000#		1.4		1.9					139.7		176.1	
64#	-750	-206000#	1.9		2.4			2.36	2.58	91.9		268		170.2 85.18
65#	-1000	-206000#		3.3		2.5					193.3		317.7	
66#	-1250	-206000#	2.4		2.9			2.81	2.17	78.5		268		180.17 135.19
67#	-1500	-206000#		3.4		3.5					126.3		266.1	
68#	-1750	-206000#	1.5		3.3			2.57	2.5	124.4		151.2		182.32 198.83
69#	-2000	-206000#		2.5							153.1			
70#	-2250	-206000#	2.4		2.4			2.65	2.56	143.6		172.3		190.94 204.81
71#	-2500	-206000#		2.3		2.9					179.9		220.1	
72#	-2750	-206000#	2.4		2.3			2.52	2.85	118.7		260.3		195.4 173.47
73#	-3000	-206000#		2.9		2.9					183.8		290.9	
74#	-3250	-206000#	2.9		2.4			2.71	2.36	103.4		237.4		186.27 188.78
75#	-3500	-206000#		2.4		2.4					135.9		262.2	
76#	-3750	-206000#	1.9		2.4			2.41	2.6	120.6		168.4		184.91 202.66
77#	-4000	-206000#		2.4		3.5					132.1		266.1	
78#	-4250	-206000#	1.4		2.9			2.34	2.03	120.6		224		198.51 200.51
79#	-4500	-206000#		2.8		2.3					214.4		281.4	
80#	-4750	-206000#	1.9		2.7			2.24	2.02	145.5		298.6		217.49 176.1
81#	-5000	-206000#		1.9							216.3			
82#	-5250	-206000#	1.5		1.4			1.83	2.71	151.2		233.5		206.33 236.64
83#	-5500	-206000#		1.4		1.3					172.3		224.0	
84#	-5750	-206000#	2.5		1.5			2.18	2.55	206.7		187.6		223.88 260.32
85#	-6000	-206000#		2.0		3.2					224		214.4	
86#	-6250	-206000#	0.9		2.9			2.29	2.59	179.9		292.9		242.34 278.51
87#	-6500	-206000#		2.8		3.2					250.8		319.7	
88#	-6750	-206000#	2.5		4.4			3.00	2.02	176.1		315.8		270.49 225.63
89#	-7000	-206000#		2.3		3.9					260.3		388.6	
90#	-7250	-206000#	1.9		3.0			3.01	3.03	168.4		333.1		283.69 274.92
91#	-7500	-206000#		2.9		3.8					262.2		423.0	
92#	-7750	-206000#	1.9		4.4			3.12	3.37	208.6		335		309.37 279.7
93#	-8000	-206000#		2.8							313.9			
94#	-8250	-206000#	2.4		3.8			3.54	3.82	266.1		379		321.1 277.79

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
95#	-8500	-206000#		3.9		4.4					352.2		363.7		
96#	-8750	-206000#	2.9		4.6			4.18	3.8	292.9		331.1			298.77
97#	-9000	-206000#		4.9		4.3					287.1		224.0		
98#	-9250	-206000#	3.3		5.8			4.40	3.94	220.1		206.7			235.2
99#	-9500	-206000#		4.3		5.3					164.6		243.1		
100#	-9750	-206000#	3.3		4.7			4.25	4.14	101.4		197.2			161.67
101#	-10000	-206000#		3.3		4.7					137.8		168.4		
102#	-10250	-206000#	2.9		4.8			4.05	3.89	111		132.1			153.53
103#	-10500	-206000#		3.9		4.7					105.3		225.9		
104#	-10750	-206000#	2.4		4.8			3.73	3.71	99.5		178			143.08
105#	-11000	-206000#		3.4							147.4				
106#	-11250	-206000#	2.0		3.8			3.47	3.6	109.1		157			153.29
107#	-11500	-206000#		3.9		3.9					124.4		178.0		
108#	-11750	-206000#	2.8		3.8			3.46	3.49	118.7		164.6			158.24
109#	-12000	-206000#		3.4		3.8					162.7		201.0		
110#	-12250	-206000#	2.5		3.4			3.29	3.28	206.7		191.4			203.22
111#	-12500	-206000#		3.4		3.3					260.3		220.1		
112#	-12750	-206000#	2.8		3.8			3.23	3.26	149.3		210.6			186.47
113#	-13000	-206000#		2.8		3.4					128.2		224.0		
114#	-13250	-206000#	2.8		3.4			3.09	3.01	97.6		153.1			158.24
115#	-13500	-206000#		2.9		3.4					120.6		224.0		
116#	-13750	-206000#	2.8		2.8			2.91	3.14	105.3		201			189.42
117#	-14000	-206000#		2.9							168.4				
118#	-14250	-206000#	2.9		2.3			2.92	3.14	135.9		208.6			237.11
119#	-14500	-206000#		3.3		2.6					181.8		513.0		
120#	-14750	-206000#	1.8		2.3			2.78	3.13	116.8		459.4			271.89
121#	-15000	-206000#		2.3		4.0					382.8		306.3		
122#	-15250	-206000#	1.5		4.3			2.91	3.06	220.1		271.8			300.84
123#	-15500	-206000#		3.0		4.3					197.2		306.3		
124#	-15750	-206000#	3.3		4.3			3.68	2.74	101.4		271.8			202.22
125#	-16000	-206000#		3.8		4.3					153.1		310.1		
126#	-16250	-206000#	3.3		3.3			3.72	3.28	233.5		204.8			262.8
127#	-16500	-206000#		4.2		3.3					350.3		208.6		
128#	-16750	-206000#	2.9		3.2			3.26	3.91	143.6		396.2			235.52
129#	-17000	-206000#		2.8							187.6				
130#	-17250	-206000#	3.8		2.9			3.46	3.26	239.3		172.3			281.54
131#	-17500	-206000#		3.3		3.0					237.4		296.7		
132#	-17750	-206000#	2.3		4.8			3.06	2.96	260.3		440.3			396.55
133#	-18000	-206000#		2.7		3.6					547.4		509.2		
134#	-18250	-206000#	2.9		2.4			3.00	2.64	325.4		601			467.73
135#	-18500	-206000#		2.0		3.9					402		781.0		
136#	-18750	-206000#	1.5		3.1			2.36	3.23	189.5		518.7			384.3
137#	-19000	-206000#		2.0		2.5					248.8		616.4		
138#	-19250	-206000#	2.8		2.3			2.88	2.64	275.6		289			378.52
139#	-19500	-206000#		3.0		3.3					333.1		304.3		
140#	-19750	-206000#	2.8		3.7			2.92	3.41	218.2		333.1			318.15
141#	-20000	-206000#		2.9							266.1				
142#	-20250	-206000#	3.8		3.4			3.57	3.24	222		312			332.02
143#	-20500	-206000#		4.9		2.5					325.4		409.6		
144#	-20750	-206000#	3.3		4.3			3.66	3.34	220.1		432.6			352.28
145#	-21000	-206000#		3.7		2.6					335		639.3		

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****
146#	-21250	-206000#	3.0		3.5			3.31	3.5	369.4		495.8			406.99	286.64
147#	-21500	-206000#		2.2		4.9					557		287.1			
148#	-21750	-206000#	0.8		3.4			2.80	3.47	409.6		312			385.22	322.53
149#	-22000	-206000#		3.9		4.4					281.4		260.3			
150#	-22250	-206000#	2.8		2.8			3.79	3.38	201		254.6			242.38	401.73
151#	-22500	-206000#		4.3		4.4					202.9		245.0			
152#	-22750	-206000#	3.8		4.8			4.26	4.5	174.2		220.1			237.03	218.45
153#	-23000	-206000#		5.2							199.1					
154#	-23250	-206000#	4.8		4.9			4.97	4.25	86.1		287.1			199.87	215.58
155#	-23500	-206000#		6.2		4.1					114.8		451.7			
156#	-23750	-206000#	4.7		4.7			4.92	4.61	124.4		204.8			213.67	183.04
157#	-24000	-206000#		5.3		5.2					212.5		260.3			
158#	-24250	-206000#	4.3		4.4			4.53	4.12	166.5		290.9			221.16	248.36
159#	-24500	-206000#		3.8		4.3					256.5		204.8			
160#	-24750	-206000#	2.1		5.1			3.64	4.2	536		197.2			313.24	285.45
161#	-25000	-206000#		4.0		4.3					361.8		93.8			
162#	-25250	-206000#	4.9		2.4			4.10	3.7	375.2		168.4			253.46	253.62
163#	-25500	-206000#		3.8		4.3					181.8		197.2			
164#	-25750	-206000#	3.3		2.4			3.42	3.91	101.4		239.3			162.06	218.69
165#	-26000	-206000#		2.4							170.4					
166#	-26250	-206000#	2.8		3.9			3.22	3.4	97.6		206.7			165.25	111.5
167#	-26500	-206000#		2.9		4.3					143.6		206.7			
168#	-26750	-206000#	2.9		3.4			3.39	2.93	55.5		141.6			124.1	130.4
169#	-27000	-206000#		3.3		3.9					67		227.8			
170#	-27250	-206000#	2.4		3.3			3.15	3.01	63.2		101.4			105	97.38
171#	-27500	-206000#		2.8		3.8					97.6		122.5			
172#	-27750	-206000#	3.4		3.4			3.22	3.49	84.2		116.8			100.25	111.26
173#	-28000	-206000#		3.3		2.9					114.8		61.3			
174#	-28250	-206000#	3.3		2.9			3.23	3.47	95.7		63.2			84.86	117.24
175#	-28500	-206000#		3.4		2.4					61.3		55.5			
176#	-28750	-206000#	3.4		3.3			3.28	3.82	109.1		47.9			84.06	104.56
177#	-29000	-206000#		3.3							88.1					
178#	-29250	-206000#	2.8		3.8			3.56	3.76	59.3		93.8			84.14	64.36
179#	-29500	-206000#		3.8		3.8					78.5		135.9			
180#	-29750	-206000#	3.3		4.3			4.11	4.06	36.4		118.7			76.41	61.49
181#	-30000	-206000#		3.3		5.7					55.5		130.2			
182#	-30250	-206000#	3.3		5.1			4.50	4.91	47.9		61.3			72.02	60.53
183#	-30500	-206000#		4.8		5.8					61.3		67.0			
184#	-30750	-206000#	4.3		6.7			5.30	3.94	36.4		67			58.46	93.08
185#	-31000	-206000#		5.3		5.7					49.8		65.1			
186#	-31250	-206000#	4.3		6.2			5.20	4.52	68.9		47.9			68.19	73.69
187#	-31500	-206000#		4.3		6.2					74.7		70.8			
188#	-31750	-206000#	4.8		4.3			4.71	4.73	47.9		107.2			69.87	73.93
189#	-32000	-206000#		3.4							78.5					
190#	-32250	-206000#	3.3		4.3			4.03	4.43	67		70.8			81.11	73.22
191#	-32500	-206000#		4.3		3.8					61.3		103.4			
192#	-32750	-206000#	3.3		4.3			3.78	3.77	47.9		80.4			79.52	84.7
193#	-33000	-206000#		3.3		3.8					63.2		130.2			
194#	-33250	-206000#	2.9		3.3			3.40	3.88	51.7		103.4			86.97	61.25
195#	-33500	-206000#		2.9		4.3					95.7		135.9			
196#	-33750	-206000#	2.9		3.3			3.42	3.67	51.7		137.8			85.1	79.68

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ.	EFFECT									
No	X	Y	# N=1 N=2 N=3 N=4 FRASER	MIXED-P	N=1	N=2	N=3	APP. R	ESIST O	N=4	HM.M	FRASER MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
197#	-34000	-206000#	3.3 3.9			91.9			68.9			
198#	-34250	-206000#	3.9 4.3 3.82	2.92	88.1		47.9				85.98	104.32
199#	-34500	-206000#	3.8 4.3			65.1			59.3			
200#	-34750	-206000#	2.9 3.4 3.24	3.22	55.5		82.3				80.55	117.96
201#	-35000	-206000#	1.9			91.9						
202#	-35250	-206000#	2.9 2.3 2.86	3	55.5		145.5				103.6	63.41
203#	-35500	-206000#	2.8 3.4			112.9			160.8			
204#	-35750	-206000#	2.4 3.3 2.50	2.44	47.9		134				99.3	74.65
205#	-36000	-206000#	1.9 1.9			57.4			187.6			
206#	-36250	-206000#	1.9 2.4 2.15	1.89	49.8		72.7				86.54	86.14
207#	-36500	-206000#	1.9 2.4			65.1			91.9			
208#	-36750	-206000#	1.9 1.9 1.73	2.46	55.5		93.8				82.63	91.4
209#	-37000	-206000#	1.0 1.4			80.4			99.5			
210#	-37250	-206000#	1.9 0.9 1.73	2.44	47.9		101.4				73.22	93.08
211#	-37500	-206000#	2.4 1.9			68.9			72.7			
212#	-37750	-206000#	2.4 1.4 2.21	2.68	47.9		51.7				75.85	74.89
213#	-38000	-206000#	1.9			44						
214#	-38250	-206000#	2.4 3.3 2.82	2.8	28.7		118.7				70.9	58.86
215#	-38500	-206000#	2.8 3.8			91.9			153.1			
216#	-38750	-206000#	2.9 3.8 3.64	2.48	38.3		122.5				69.71	34.93
217#	-39000	-206000#	4.3 5.3			65.1			42.1			
218#	-39250	-206000#	2.9 4.3 3.53	4.18	30.6		21.1				45.9	63.41
219#	-39500	-206000#	2.4 3.8			9.6			28.7			
220#	-39750	-206000#	4.3 3.1 4.10	3.77	19.1		15.3				28.07	86.62
221#	-40000	-206000#	4.3 3.8			28.7			26.8			
222#	-40250	-206000#	1.6 5.3 3.67	2.81	13.4		53.6				39.4	25.84
223#	-40500	-206000#	3.3 5.3			63.2			78.5			
224#	-40750	-206000#	1.4 6.6 2.98	2.85	21.1		91.9				42.99	30.39
225#	-41000	-206000#	1.4			26.8						
226#	-41250	-206000#	2.9 1.4 2.86	2.75	24.9		36.4				41.87	54.79
227#	-41500	-206000#	2.4 1.9			36.4			30.6			
228#	-41750	-206000#	1.9 2.9 2.05	3.28	38.3		34.5				49.21	78.96
229#	-42000	-206000#	1.9 1.9			45.9			61.3			
230#	-42250	-206000#	1.9 2.4 2.26	2.16	53.6		88.1				72.42	76.33
231#	-42500	-206000#	2.9 1.9			99.5			101.4			
232#	-42750	-206000#	2.9 2.4 2.50	2.16	61.3		120.6				91.52	50.25
233#	-43000	-206000#	1.9 2.9			90			135.9			
234#	-43250	-206000#	1.9 2.9 2.22	1.86	53.6		107.2				89.17	84.22
235#	-43500	-206000#	2.4 1.9			70.8			120.6			
236#	-43750	-206000#	1.4 2.4 1.82	1.56	65.1		82.3				91.24	80.87
237#	-44000	-206000#	1.0			97.6						
238#	-44250	-206000#	1.5 1.0 1.31	1.91	44		97.6				79.2	84.46
239#	-44500	-206000#	0.5 1.4			61.3			103.4			
240#	-44750	-206000#	1.0 1.5 1.18	1.39	38.3		72.7				72.42	77.52
241#	-45000	-206000#	1.9 0.9			53.6			103.4			
242#	-45250	-206000#	1.0 1.4 1.25	1.02	34.5		78.5				69.27	61.97
243#	-45500	-206000#	1.0 1.4			57.4			126.3			
244#	-45750	-206000#	0.5 1.0 0.93	1.27	28.7		90				64.68	59.58
245#	-46000	-206000#	0.5 1.4			51.7			93.8			
246#	-46250	-206000#	0.5 1.0 0.99	0.78	26.8		53.6				58.46	57.19
247#	-46500	-206000#	1.4 1.9			30.6			82.3			

[illegible]

AFTER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 2100S 500 FEET ??-??-?? ENVELOP
IP 685W-255E LENGTH 94000 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH =-Y

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT										APP. R	ESIST O	HM.M	
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
1#	25500	-210000#					3.4							120.6	
2#	25250	-210000#			3.4							76.6			
3#	25000	-210000#		2.8			3.8				118.7		141.6		
4#	24750	-210000#	2.4		4.3				61.3			224			
5#	24500	-210000#		3.8			4.9			130.2			304.3		
6#	24250	-210000#	2.9		3.2			7.07	3.22	111		319.7		188.86	138.3
7#	24000	-210000#		3.8			44.9				210.6		206.7		
8#	23750	-210000#	2.8		3.8			6.98	3.54	141.6		225.9		205.37	192.85
9#	23500	-210000#		3.8							158.9				
10#	23250	-210000#	2.8		3.4			6.89	3.45	174.2		160.8		206.41	223.72
11#	23000	-210000#		3.9			3.8				185.7		268.0		
12#	22750	-210000#	2.4		3.0			3.25	8.72	124.4		335		206.57	177.06
13#	22500	-210000#		2.9			3.9				266.1		241.2		
14#	22250	-210000#	2.9		3.4			3.37	3.79	170.4		199.1		209	145.95
15#	22000	-210000#		3.3			4.3				145.5		224.0		
16#	21750	-210000#	3.3		3.4			3.64	3.3	95.7		178		149.98	213.91
17#	21500	-210000#		2.9			4.9				130.2		157.0		
18#	21250	-210000#	2.4		3.8			3.54	3.77	120.6		126.3		145.79	178.25
19#	21000	-210000#		3.3			5.3				103.4		172.3		
20#	20750	-210000#	2.9		4.3			3.91	3.22	111		179.9		153.61	158.87
21#	20500	-210000#		3.3							172.3				
22#	20250	-210000#	3.3		5.2			3.80	3.64	107.2		218.2		165.89	116.76
23#	20000	-210000#		2.9			4.9				172.3		243.1		
24#	19750	-210000#	3.8		3.3			3.72	3.84	88.1		204.8		144.2	142.84
25#	19500	-210000#		3.3			3.3				118.7		134.0		
26#	19250	-210000#	2.9		3.4			3.45	3.36	90		84.2		128.53	136.62
27#	19000	-210000#		3.4			3.8				78.5		145.5		
28#	18750	-210000#	2.9		3.9			3.21	3.29	47.9		155		109.82	163.66
29#	18500	-210000#		2.4			4.3				126.3		187.6		
30#	18250	-210000#	2.4		2.9			2.89	2.94	103.4		179.9		140.77	91.64
31#	18000	-210000#		1.9			3.4				170.4		130.2		
32#	17750	-210000#	1.9		2.9			2.65	2.76	59.3		135.9		118.52	114.61
33#	17500	-210000#		2.4							51.7				
34#	17250	-210000#	1.9		2.9			2.58	2.45	32.5		132.1		93.87	115.33
35#	17000	-210000#		2.9			3.3				107.2		145.5		
36#	16750	-210000#	2.4		3.3			2.51	2.55	57.4		132.1		97.54	61.49
37#	16500	-210000#		2.4			1.5				90		114.8		
38#	16250	-210000#	1.4		1.9			2.21	2.52	32.5		88.1		69.47	75.85
39#	16000	-210000#		2.4			1.9				36.4		90.0		
40#	15750	-210000#	1.9		0.9			2.14	2.45	42.1		36.4		56.71	84.7
41#	15500	-210000#		1.4			5.1				53.6		36.4		
42#	15250	-210000#	0.9		2.8			2.03	2.31	30.6		53.6		49.13	57.66
43#	15000	-210000#		1.9			2.9				38.3		80.4		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****						
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M					
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
44#	14750	-210000#		1.4	2.8				2.59	1.93	23		63.2			44.82	46.9
45#	14500	-210000#		1.9								42.1					
46#	14250	-210000#		2.4	3.8				2.70	2.55	24.9		53.6			46.26	46.18
47#	14000	-210000#		2.8		3.6						38.3		61.3			
48#	13750	-210000#		1.9	3.4				2.57	2.5	23		45.9			46.18	64.12
49#	13500	-210000#		2.4		1.6						32.5		55.5			
50#	13250	-210000#		2.4	2.4				2.55	2.75	28.7		40.2			55.35	70.58
51#	13000	-210000#		2.4		2.5						38.3		122.5			
52#	12750	-210000#		1.4	2.8				2.30	3.01	24.9		118.7			68.35	54.55
53#	12500	-210000#		2.4		2.3						82.3		116.8			
54#	12250	-210000#		1.9	3.9				2.68	2.48	47.9		90			85.9	57.9
55#	12000	-210000#		3.4		2.9						61.3		126.3			
56#	11750	-210000#		2.4	3.3				2.98	4.86	40.2		97.6			79.04	145.24
57#	11500	-210000#		2.9								82.3					
58#	11250	-210000#		1.0	2.9				4.12	2.93	120.6		88.1			136.78	156.48
59#	11000	-210000#		1.9		3.8						160.8		93.8			
60#	10750	-210000#		1.9	2.9				4.44	2.87	107.2		191.4			180.33	151.94
61#	10500	-210000#		3.8		23.5						147.4		317.7			
62#	10250	-210000#		2.5	1.8				4.41	2.95	90		258.4			193.65	131.84
63#	10000	-210000#		3.8		3.9						187.6		430.7			
64#	9750	-210000#		2.4	3.8				4.33	3.37	132.1		346.5			212.39	115.33
65#	9500	-210000#		3.8		2.8						254.6		164.6			
66#	9250	-210000#		2.4	2.0				3.23	5.14	139.7		132.1			181.52	168.92
67#	9000	-210000#		2.9		4.3						93.8		90.0			
68#	8750	-210000#		1.9	4.8				2.77	3.07	80.4		72.7			104.72	216.06
69#	8500	-210000#		2.9								80.4					
70#	8250	-210000#		3.3	2.5				3.10	2.31	63.2		153.1			111.42	83.98
71#	8000	-210000#		2.9		2.4						151.2		141.6			
72#	7750	-210000#		0.9	2.0				2.11	3.29	32.5		162.7			96.11	64.6
73#	7500	-210000#		1.9		2.5						45.9		179.9			
74#	7250	-210000#		2.9	2.8				2.58	2.64	40.2		51.7			73.3	109.58
75#	7000	-210000#		2.4		3.1						51.7		70.8			
76#	6750	-210000#		3.3	3.3				2.90	2.05	40.2		59.3			70.5	89.49
77#	6500	-210000#		2.4		2.4						59.3		59.3			
78#	6250	-210000#		1.4	3.4				2.25	2.58	38.3		80.4			68.35	64.6
79#	6000	-210000#		1.4		2.9						42.1		179.9			
80#	5750	-210000#		0.9	2.0				2.14	2.51	24.9		103.4			63.57	53.84
81#	5500	-210000#		2.9								67					
82#	5250	-210000#		2.4	2.9				2.59	2.16	44		44			66.12	69.15
83#	5000	-210000#		3.2		2.9						34.5		57.4			
84#	4750	-210000#		1.9	2.4				2.40	2.51	32.5		49.8			59.58	99.3
85#	4500	-210000#		1.9		1.9						51.7		74.7			
86#	4250	-210000#		1.5	2.4				2.22	2.49	44		80.4			79.96	61.01
87#	4000	-210000#		2.4		2.9						86.1		181.8			
88#	3750	-210000#		1.4	2.3				2.27	2.34	34.5		210.6			85.86	57.42
89#	3500	-210000#		2.3		3.8						93.8		59.3			
90#	3250	-210000#		1.9	2.4				2.53	2.47	68.9		57.4			92.28	95.71
91#	3000	-210000#		2.9		2.9						49.8		95.7			
92#	2750	-210000#		2.9	2.4				2.91	2.74	45.9		80.4			82.47	174.9
93#	2500	-210000#		3.4								80.4					
94#	2250	-210000#		3.4	2.8				3.00	3.46	76.6		118.7			143.8	63.88

[illegible]

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****
146#	-10750	-210000#		2.4	3.8			3.63	3.4	19.1		42.1			33.02	56.47
147#	-11000	-210000#			2.9	4.8					23		59.3			
148#	-11250	-210000#		0.9	4.3			2.84	3.59	24.9		34.5			39.68	34.93
149#	-11500	-210000#			1.9	3.9					38.3		38.3			
150#	-11750	-210000#		2.9	2.9			3.38	3.85	28.7		42.1			44.82	30.39
151#	-12000	-210000#			3.3	4.3					34.5		120.6			
152#	-12250	-210000#		3.3	3.8			3.95	4.16	19.1		47.9			39.08	38.52
153#	-12500	-210000#			3.8						26.8					
154#	-12750	-210000#		3.3	4.3			4.50	3.96	26.8		34.5			41.55	33.74
155#	-13000	-210000#			4.8	7.3					36.4		36.4			
156#	-13250	-210000#		4.3	4.8			4.94	4.09	19.1		36.4			32.86	51.44
157#	-13500	-210000#			4.8	6.4					21.1		47.9			
158#	-13750	-210000#		3.4	5.3			4.68	5.03	24.9		30.6			38.36	45.46
159#	-14000	-210000#			5.3	3.8					40.2		65.1			
160#	-14250	-210000#		4.8	4.8			4.95	5.01	34.5		86.1			49.93	41.39
161#	-14500	-210000#			4.3	3.9					80.4		38.3			
162#	-14750	-210000#		3.9	5.3			4.41	5.3	68.9		40.2			61.97	50.49
163#	-15000	-210000#			4.3	6.2					40.2		59.3			
164#	-15250	-210000#		3.8	4.3			4.74	3.97	32.5		67			51.28	114.37
165#	-15500	-210000#			4.8						68.9					
166#	-15750	-210000#		1.8	6.2			4.17	4.71	132.1		65.1			109.74	47.85
167#	-16000	-210000#			3.3	5.7					118.7		84.2			
168#	-16250	-210000#		4.8	3.9			4.94	4.18	36.4		162.7			85.34	76.57
169#	-16500	-210000#			5.3	5.8					57.4		201.0			
170#	-16750	-210000#		3.8	5.3			4.57	4.41	49.8		67			81.39	78.48
171#	-17000	-210000#			4.8	5.0					67		70.8			
172#	-17250	-210000#		4.3	3.8			4.31	4.5	45.9		70.8			74.93	80.39
173#	-17500	-210000#			3.1	3.8					55.5		97.6			
174#	-17750	-210000#		3.4	2.9			3.80	4.56	42.1		76.6			69.55	101.93
175#	-18000	-210000#			3.9	5.3					63.2		114.8			
176#	-18250	-210000#		2.8	4.3			3.79	3.59	63.2		99.5			91.8	77.76
177#	-18500	-210000#			2.9						114.8					
178#	-18750	-210000#		3.4	4.8			3.82	3.59	74.7		91.9			100.49	95.71
179#	-19000	-210000#			2.4	5.8					61.3		164.6			
180#	-19250	-210000#		2.4		2.9		3.64	4.08	49.8		116.8			101.13	128.25
181#	-19500	-210000#			3.3	4.8					107.2		130.2			
182#	-19750	-210000#		3.9	4.8			4.16	3.88	72.7		130.2			126.21	119.39
183#	-20000	-210000#			4.3	4.8					107.2		178.0			
184#	-20250	-210000#		4.8	4.3			4.57	4.37	63.2		166.5			132.79	143.56
185#	-20500	-210000#			4.7	4.4					112.9		275.6			
186#	-20750	-210000#		4.3	4.3			4.41	4.29	97.6		197.2			167.17	155.76
187#	-21000	-210000#			4.3	3.8					224		189.5			
188#	-21250	-210000#		3.4	4.8			4.01	4.02	135.9		201			196.84	147.87
189#	-21500	-210000#			3.8						151.2					
190#	-21750	-210000#		3.4	4.2			3.66	4.31	139.7		264.2			173.15	241.18
191#	-22000	-210000#			1.0	4.2					49.8		264.2			
192#	-22250	-210000#		4.7		4.4		4.10	4.56	292.9		243.1			239.51	206.73
193#	-22500	-210000#			4.2	5.3					300.5		195.2			
194#	-22750	-210000#		4.3		4.8		4.65	4.8	237.4		229.7			243.81	298.61
195#	-23000	-210000#			4.7	4.4					181.8		273.7			
196#	-23250	-210000#		5.3	4.8			5.30	4.2	210.6		210.6			266.62	286.64

*****	*****						*****	*****	*****	*****	*****	*****	*****			
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P	
*****	*****														*****	*****
197#	-23500	-210000#			5.4		6.9					315.8		342.6		
198#	-23750	-210000#	3.3		6.3			4.77	5.49	195.2		482.4		312.72	218.45	
199#	-24000	-210000#		4.2		5.8					417.3		386.7			
200#	-24250	-210000#	4.2		4.8			5.41	4.45	325.4		371.3		330.11	195.48	
201#	-24500	-210000#		5.1							342.6					
202#	-24750	-210000#	3.7		5.2			4.97	4.97	220.1		145.5		216.3	283.77	
203#	-25000	-210000#		3.4		9.2					105.3		116.8			
204#	-25250	-210000#	3.8		5.3			4.84	4.79	118.7		95.7		138.78	292.62	
205#	-25500	-210000#		4.4		5.3					124.4		147.4			
206#	-25750	-210000#	4.8		4.8			5.06	4.44	101.4		210.6		171.24	126.33	
207#	-26000	-210000#		4.4		5.2					174.2		248.8			
208#	-26250	-210000#	4.3		4.9			4.55	5.6	80.4		212.5		173.95	118.2	
209#	-26500	-210000#		3.3		4.8					91.9		532.1			
210#	-26750	-210000#	2.9		4.9			4.16	4.64	70.8		243.1		177.22	150.26	
211#	-27000	-210000#		4.3		5.3					214.4		112.9			
212#	-27250	-210000#	4.4		4.7			4.59	4.3	145.5		105.3		186.47	163.9	
213#	-27500	-210000#		3.8							84.2					
214#	-27750	-210000#	2.3		4.3			4.30	4.6	84.2		143.6		135.98	264.15	
215#	-28000	-210000#		6.2		5.8					143.6		216.3			
216#	-28250	-210000#	4.8		4.4			4.97	4.3	141.6		231.6		202.66	110.78	
217#	-28500	-210000#		4.9		5.2					271.8		227.8			
218#	-28750	-210000#	4.4		4.9			4.65	4.06	114.8		304.3		187.15	170.6	
219#	-29000	-210000#		4.4		3.9					145.5		260.3			
220#	-29250	-210000#	3.8		4.8			4.06	4.59	147.4		126.3		175.66	206.49	
221#	-29500	-210000#		2.9		4.7					153.1		112.9			
222#	-29750	-210000#	4.3		3.8			3.90	4.4	164.6		157		178.25	202.42	
223#	-30000	-210000#		3.8		3.3					166.5		239.3			
224#	-30250	-210000#	4.4		3.2			4.01	4.05	114.8		269.9		178.49	170.84	
225#	-30500	-210000#		3.4							178					
226#	-30750	-210000#	3.3		3.8			3.82	4.37	122.5		147.4		186.23	125.38	
227#	-31000	-210000#		3.8		5.3					99.5		354.1			
228#	-31250	-210000#	3.8		5.2			4.38	4	65.1		216.3		144.92	164.38	
229#	-31500	-210000#		4.8		4.3					132.1		224.0			
230#	-31750	-210000#	4.3		4.4			4.64	4.08	120.6		151.2		156.4	106.23	
231#	-32000	-210000#		3.8		5.3					158.9		103.4			
232#	-32250	-210000#	4.4		4.8			4.35	4.87	124.4		122.5		128.09	227.78	
233#	-32500	-210000#		3.8		5.8					103.4		103.4			
234#	-32750	-210000#	3.9		3.4			4.54	5.59	298.6		91.9		173.47	185.43	
235#	-33000	-210000#		5.9		4.8					308.2		109.1			
236#	-33250	-210000#	4.7		4.3			5.58	6.03	153.1		38.3		171	144.76	
237#	-33500	-210000#		4.9							231.6					
238#	-33750	-210000#	3.8		6.8			6.30	6.47	114.8		227.8		146.51	146.43	
239#	-34000	-210000#		5.7		11.5					126.3		212.5			
240#	-34250	-210000#	3.8		10.9			7.69	7.32	95.7		124.4		139.81	130.4	
241#	-34500	-210000#		9.6		10.0					105.3		164.6			
242#	-34750	-210000#	11.5		10.5			10.48	8.19	84.2		137.8		130.24	111.5	
243#	-35000	-210000#		11.9		8.1					114.8		176.1			
244#	-35250	-210000#	9.1		9.2			9.73	10.36	70.8		160.8		115.53	121.07	
245#	-35500	-210000#		9.5		8.1					88.1		189.5			
246#	-35750	-210000#	10.0		10.5			9.36	6.58	65.1		107.2		104.8	111.26	
247#	-36000	-210000#		8.3		10.0					88.1		88.1			

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
#	FREQ.	EFFECT											
No	X	Y #	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
248#	-36250	-210000#	2.3	9.6		5.66	5.91	93.8			76.6		102.49 96.43
249#	-36500	-210000#		2.9					93.8				
250#	-36750	-210000#	1.9	2.4		3.73	5.39	57.4			101.4		79.44 97.38
251#	-37000	-210000#		1.4	3.4				74.7			112.9	
252#	-37250	-210000#	2.4	3.4		2.93	4.79	49.8			84.2		75.45 66.52
253#	-37500	-210000#		2.8	3.8				59.3			65.1	
254#	-37750	-210000#	2.4	4.3		3.42	2.7	36.4			95.7		64.88 50.25
255#	-38000	-210000#		4.8	4.3				59.3			95.7	
256#	-38250	-210000#	4.8	3.9		4.15	3.66	30.6			63.2		52.16 65.08
257#	-38500	-210000#		4.3	2.9				40.2			57.4	
258#	-38750	-210000#	4.8	4.8		4.05	4.13	36.4			36.4		46.26 58.86
259#	-39000	-210000#		4.3	0.7				40.2			34.5	
260#	-39250	-210000#	3.4	4.8		3.61	4.1	32.5			38.3		44.42 54.31
261#	-39500	-210000#		3.4					42.1				
262#	-39750	-210000#	3.8	4.8		3.71	4.04	30.6			70.8		47.38 41.63
263#	-40000	-210000#		4.3	3.8				53.6			74.7	
264#	-40250	-210000#	2.4	2.8		3.82	3.38	38.3			59.3		50.49 37.33
265#	-40500	-210000#		3.3	4.6				44			55.5	
266#	-40750	-210000#	1.4	5.7		3.53	3.71	24.9			40.2		41.39 67.71
267#	-41000	-210000#		4.3	5.5				28.7			44.0	
268#	-41250	-210000#	3.3	4.3		4.11	3.23	34.5			32.5		48.45 57.19
269#	-41500	-210000#		3.8	4.3				44			67.0	
270#	-41750	-210000#	3.8	3.4		3.92	4.34	28.7			93.8		56.55 50.49
271#	-42000	-210000#		3.4	3.8				68.9			103.4	
272#	-42250	-210000#	3.4	3.4		3.81	3.92	32.5			82.3		65.24 53.12
273#	-42500	-210000#		4.8					45.9				
274#	-42750	-210000#	3.3	3.8		3.75	3.29	36.4			70.8		66.92 77.04
275#	-43000	-210000#		2.9	4.8				67			95.7	
276#	-43250	-210000#	3.4	4.3		3.38	3.71	51.7			99.5		78.96 81.83
277#	-43500	-210000#		2.8	3.3				101.4			72.7	
278#	-43750	-210000#	3.8	3.4		3.58	3.03	76.6			84.2		90.16 129.44
279#	-44000	-210000#		4.3	2.3				63.2			116.8	
280#	-44250	-210000#	2.9	2.4		3.08	3.87	51.7			90		97.58 108.63
281#	-44500	-210000#		2.4	3.8				84.2			157.0	
282#	-44750	-210000#	3.4	3.3		3.10	3.52	53.6			151.2		1

*****	*****								*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT										APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
299#	-49000	-210000#		3.4	4.0						61.3		42.1			
300#	-49250	-210000#	0.9		3.3		2.85		2.9	30.6		65.1			52.72	42.35
301#	-49500	-210000#		3.3	3.9						40.2		91.9			
302#	-49750	-210000#	1.9		3.4		3.15		3.18	17.2		61.3			43.39	40.2
303#	-50000	-210000#		2.9	3.9						32.5		84.2			
304#	-50250	-210000#	2.8		3.8		3.45		2.84	17.2		44			39.64	33.26
305#	-50500	-210000#		3.8	4.6						30.6		34.5			
306#	-50750	-210000#	1.5		3.6		2.98		3.5	17.2		23			32.38	37.8
307#	-51000	-210000#		1.8	4.0						11.5		57.4			
308#	-51250	-210000#	1.9		2.9		3.18		3.16	11.5		30.6			24.72	42.11
309#	-51500	-210000#		2.9							23					
310#	-51750	-210000#	2.9		4.8		3.41		2.92	19.1		32.5			33.34	24.64
311#	-52000	-210000#		2.9	5.6						26.8		32.5			
312#	-52520	-210000#	1.9		3.4		3.13		2.65	15.3		57.4			31.42	45.7
313#	-52500	-210000#		2.4	3.0						19.1		57.4			
314#	-52750	-210000#	1.9		2.4		2.68		3.26	26.8		40.2			44.03	31.58
315#	-53000	-210000#		1.9	4.8						63.2		42.1			
316#	-53250	-210000#	1.9		1.9		2.49		2.83	28.7		74.7			45.82	31.1
317#	-53500	-210000#		1.9	2.8						40.2		70.8			
318#	-53750	-210000#	0.5		1.9		2.08		2.24	28.7		40.2			39.48	55.75
319#	-54000	-210000#		1.0	5.4						26.8		34.5			
320#	-54250	-210000#	1.0		2.3		2.08		2.28	34.5		24.9			46.26	53.84
321#	-54500	-210000#		1.0							38.3					
322#	-54750	-210000#	1.4		2.9		2.37		1.97	23		78.5			51.52	45.22
323#	-55000	-210000#		1.4	3.8						53.6		105.3			
324#	-55250	-210000#	0.9		2.4		2.23		2.87	28.7		72.7			58.46	29.19
325#	-55500	-210000#		1.5	3.8						44		95.7			
326#	-55750	-210000#	1.0		3.3		2.63		2.92	19.1		55.5			45.58	42.59
327#	-56000	-210000#		3.3	3.4						26.8		61.3			
328#	-56250	-210000#		3.8								32.5				
329#	-56500	-210000#		3.8	4.7						38.3		34.5			
330#	-56750	-210000#	2.9		4.3		3.62		3.41	23		40.2			33.82	46.18
331#	-57000	-210000#		3.3	4.5						30.6		36.4			
332#	-57250	-210000#	2.9		3.4		3.60		3.11	19.1		28.7			33.9	41.87
333#	-57500	-210000#		3.3							21.1					
334#	-57750	-210000#	1.4		3.4		3.07		3.7	13.4		51.7			37.8	35.89
335#	-58000	-210000#		2.9	4.3						36.4		80.4			
336#	-58250	-210000#	1.4		3.3		3.24		3.67	19.1		59.3			45.06	27.04
337#	-58500	-210000#		2.9							45.9		70.8			
338#	-58750	-210000#	3.3		4.8		3.93		3.53	24.9		49.8			41.87	44.74
339#	-59000	-210000#		3.3	5.3						30.6		47.9			
340#	-59250	-210000#	4.3		5.5		4.25		3.18	34.5		34.5			40.52	54.55
341#	-59500	-210000#		2.9	4.5						36.4		26.8			
342#	-59750	-210000#	1.5		3.8		3.30		3.18	36.4		34.5			42.27	50.72
343#	-60000	-210000#		2.4	4.8						36.4		72.7			
344#	-60250	-210000#	0.5		3.3		2.70		3.5	23		72.7			46.1	56.47
345#	-60500	-210000#		3.4							51.7					
346#	-60750	-210000#	2.9		2.4		3.25		2.9	32.5		68.9			63.01	50.96
347#	-61000	-210000#		2.9	3.4						51.7		76.6			
348#	-61250	-210000#	2.9		3.9		3.05		3.23	28.7		63.2			66.68	75.61
349#	-61500	-210000#		3.3	3.3						40.2		149.3			

SOUTH REGIONAL 2140S 500 FEET ??-??-?? ENVELOP
IP 487.5W-342.5E LENGTH 83000 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH =-Y

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
1#	34250	-214000#	1.4							7.7					
2#	34000	-214000#		2.2							21.1				
3#	33750	-214000#	1.4		1.4					13.4		21.1			
4#	33500	-214000#		3.3							17.2				
5#	33250	-214000#	1.4							28.7		13.4			
6#	33000	-214000#		1.4							24.9				
7#	32750	-214000#	0.9		2.9				2.46	2.39	32.5		36.4		48.81 40.44
8#	32500	-214000#		2.9							51.7				
9#	32250	-214000#	2.4		2.9				3.01	1.91	24.9		65.1		49.77 30.95
10#	32000	-214000#		2.9		3.9					36.4		86.1		
11#	31750	-214000#	0.9		2.9				2.58	2.27	21.1		53.6		48.73 56.47
12#	31500	-214000#		2.4							38.3		70.8		
13#	31250	-214000#	1.0		2.9				2.20	2.27	23		55.5		52.08 51.2
14#	31000	-214000#		1.5							44				
15#	30750	-214000#	1.4		1.9				2.07	2.34	21.1		61.3		52.08 50.72
16#	30500	-214000#		1.5		2.8					38.3		105.3		
17#	30250	-214000#	1.9		2.8				2.17	2.11	21.1		63.2		53.12 52.4
18#	30000	-214000#		1.9		2.9					42.1		82.3		
19#	29750	-214000#	1.4		2.9				2.20	1.75	30.6		67		57.15 66.04
20#	29500	-214000#		2.4		1.9					53.6		74.7		
21#	29250	-214000#	2.4		2.4				2.16	2.44	36.4		63.2		60.77 73.46
22#	29000	-214000#		1.0		2.4					45.9		80.4		
23#	28750	-214000#	2.4		1.4				2.11	2.58	42.1		65.1		69.87 89.01
24#	28500	-214000#		2.4		2.0					61.3		130.2		
25#	28250	-214000#	2.4		2.9				2.34	2.22	40.2		137.8		93 78.48
26#	28000	-214000#		2.0							114.8				
27#	27750	-214000#	2.9		2.4				2.52	2.05	68.9		99.5		110.46 81.11
28#	27500	-214000#		1.9		3.3					55.5		218.2		
29#	27250	-214000#	1.9		2.9				2.15	2.53	49.8		124.4		103.52 121.79
30#	27000	-214000#		1.0		2.5					124.4		153.1		
31#	26750	-214000#	3.8		1.9				2.62	2.19	122.5		149.3		135.31 116.04
32#	26500	-214000#		1.9		2.9					174.2		78.5		
33#	26250	-214000#	3.9		2.9				2.53	2.48	116.8		111		126.93 167.97
34#	26000	-214000#		1.9		2.0					95.7		114.8		
35#	25750	-214000#	2.9		1.0				2.15	2.6	111		90		130.48 213.91
36#	25500	-214000#		0.9		2.3					118.7		210.6		
37#	25250	-214000#	2.4		1.8				2.13	2.34	101.4		306.3		197.32 122.03
38#	25000	-214000#		2.9							294.8				
39#	24750	-214000#	1.9		2.4				2.23	2.03	107.2		402		213.43 134.95
40#	24500	-214000#		1.9		2.9					172.3		319.7		
41#	24250	-214000#	2.4		2.4				2.38	2.74	160.8		141.6		194.21 250.27
42#	24000	-214000#		2.8		1.9					147.4		158.9		
43#	23750	-214000#	2.8		1.8				2.79	2.77	201		153.1		211.43 308.89

****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
44#	23500	-214000#		3.3		2.9					233.5		193.3		
45#	23250	-214000#	3.3		3.4		2.92	2.86	271.8			310.1		273.8	241.9
46#	23000	-214000#		2.3		3.4					329.2		338.8		
47#	22750	-214000#	3.0		2.8		3.01	2.69	269.9			350.3		295.74	207.21
48#	22500	-214000#		3.2		3.5					248.8		392.4		
49#	22250	-214000#	4.0		2.9		3.26	2.71	222			287.1		263.67	241.18
50#	22000	-214000#		1.9							275.6				
51#	21750	-214000#	2.9		3.4		2.81	2.7	319.7			199.1		250.91	208.64
52#	21500	-214000#		2.0							218.2		143.6		
53#	21250	-214000#	2.4		2.4		2.13	1.88	143.6			158.9		151.54	213.43
54#	21000	-214000#		1.9							126.3		130.2		
55#	20750	-214000#	1.4		2.4		1.42	2.66	84.2			109.1		113.69	136.62
56#	20500	-214000#		0.5		1.4					86.1		130.2		
57#	20250	-214000#	2.4		1.4		1.68	1.43	67			101.4		99.5	107.19
58#	20000	-214000#		2.4		0.5					74.7		160.8		
59#	19750	-214000#	0.5				1.13	2	38.3			126.3		89.89	85.9
60#	19500	-214000#		0.5							76.6		132.1		
61#	19250	-214000#	2.4		1.9		1.55	1.5	44			86.1		85.74	79.92
62#	19000	-214000#		2.4							51.7				
63#	18750	-214000#	0.9		1.9		1.64	1.62	36.4			95.7		75.21	89.01
64#	18500	-214000#		2.4							80.4		103.4		
65#	18250	-214000#	2.4		1.5		2.02	1.77	55.5			97.6		79.76	83.27
66#	18000	-214000#		2.9		1.4					88.1		80.4		
67#	17750	-214000#	2.4		1.5		1.90	1.44	63.2			76.6		82.39	101.21
68#	17500	-214000#		1.4		1.4					67		84.2		
69#	17250	-214000#	0.9		1.5		1.28	1.77	59.3			76.6		88.25	83.98
70#	17000	-214000#		1.4		1.8					80.4		153.1		
71#	16750	-214000#	1.9		1.3		1.39	1.55	40.2			166.5		89.96	62.93
72#	16500	-214000#		0.5		0.5					91.9		135.9		
73#	16250	-214000#	2.4		1.4		1.54	1.63	38.3			84.2		82.87	59.82
74#	16000	-214000#		1.4							40.2				
75#	15750	-214000#	1.0		1.4		1.39	1.46	23			65.1		57.34	104.8
76#	15500	-214000#		1.0		1.9					45.9		76.6		
77#	15250	-214000#	1.4		1.5		1.58	2.04	55.5			63.2		73.54	84.94
78#	15000	-214000#		1.4		3.4					88.1		65.1		
79#	14750	-214000#	5.3		1.5		2.72	2.1	132.1			91.9		96.58	86.85
80#	14500	-214000#		1.9		1.4					47.9		153.1		
81#	14250	-214000#	2.9		1.4		2.39	2.75	36.4			82.3		79.8	93.55
82#	14000	-214000#		2.4		3.3					70.8		134.0		
83#	13750	-214000#	2.9		2.8		2.71	2.35	67			118.7		103.76	95.95
84#	13500	-214000#		3.3		2.4					107.2		151.2		
85#	13250	-214000#	3.4		3.9		2.84	2.26	82.3			137.8		120.27	102.41
86#	13000	-214000#		1.4							99.5				
87#	12750	-214000#	2.4		3.0		2.42	2.71	67			273.7		118.04	170.84
88#	12500	-214000#		2.9		1.4					107.2		70.8		
89#	12250	-214000#	1.9		2.4		2.27	2.77	78.5			59.3		156.96	213.43
90#	12000	-214000#		2.4		2.3					49.8		212.5		
91#	11750	-214000#	2.4		3.4		2.50	3.54	45.9			197.2		189.66	192.61
92#	11500	-214000#		1.9		1.2					155		599.1		
93#	11250	-214000#	3.4		4.5		3.25	2.79	78.5			497.7		257.37	78.24
94#	11000	-214000#		3.8		3.3					271.8		553.2		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****			
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
95#	10750	-214000#	4.7	3.9		3.88		2.51	162.7			352.2		275.56	139.49	
96#	10500	-214000#		2.8	4.7						105.3		189.5			
97#	10250	-214000#	1.8	4.8		2.89		3.21	166.5			61.3		181.76	305.07	
98#	10000	-214000#		2.0							122.5					
99#	9750	-214000#	2.4	2.4		2.92		3.22	174.2			67		161.19	263.91	
100#	9500	-214000#		1.9	2.9						116.8		116.8			
101#	9250	-214000#	1.9	2.5		2.87		3.17	72.7			225.9		178.17	130.88	
102#	9000	-214000#		2.9	4.7						162.7		392.4			
103#	8750	-214000#	1.9	4.3		3.01		2.33	51.7			329.2		174.55	73.93	
104#	8500	-214000#		2.9	4.8						135.9		369.4			
105#	8250	-214000#	1.9	2.8		2.94		2.66	30.6			174.2		139.65	106	
106#	8000	-214000#		2.4	3.9						53.6		137.8			
107#	7750	-214000#	3.3	2.4		3.01		2.92	40.2			44		98.58	145	
108#	7500	-214000#		1.9	2.9						38.3		103.4			
109#	7250	-214000#	1.9	2.9		2.46		2.74	21.1			95.7		65.16	100.97	
110#	7000	-214000#		2.4							59.3					
111#	6750	-214000#	2.4	2.4		2.47		2.58	32.5			72.7		61.57	43.79	
112#	6500	-214000#		3.3	2.8						47.9		118.7			
113#	6250	-214000#	2.9	1.9		2.41		2.28	36.4			63.2		46.02	64.36	
114#	6000	-214000#		2.9	1.0						34.5		26.8			
115#	5750	-214000#	2.4	0.9		1.99		2.58	53.6			15.3		48.05	40.68	
116#	5500	-214000#		1.0							26.8		23.0			
117#	5250	-214000#	1.0	1.9		1.67		2.57	13.4			45.9		31.86	69.87	
118#	5000	-214000#		2.9	2.3						26.8		97.6			
119#	4750	-214000#	1.9	2.4		2.45		1.85	28.7			67		48.17	23.69	
120#	4500	-214000#		2.8	2.9						91.9		30.6			
121#	4250	-214000#	2.9	2.9		2.71		2.46	28.7			49.8		46.34	32.54	
122#	4000	-214000#		1.9							17.2					
123#	3750	-214000#	1.0	3.4		2.38		2.97	15.3			28.7		29.03	58.86	
124#	3500	-214000#		3.4	2.9						28.7		32.5			
125#	3250	-214000#	1.9	2.9		2.97		2.27	23			36.4		37.01	25.36	
126#	3000	-214000#		2.9	2.9						32.5		55.5			
127#	2750	-214000#	2.9	3.8		2.83		2.51	9.6			53.6		30.87	34.45	
128#	2500	-214000#		1.4	4.7						17.2		76.6			
129#	2250	-214000#	1.4	1.9		2.34		2.63	15.3			24.9		33.42	29.67	
130#	2000	-214000#		2.4	3.3						24.9		38.3			
131#	1750	-214000#	2.4	1.9		2.59		2.33	15.3			44		34.85	39.24	
132#	1500	-214000#		2.4	2.9						34.5		55.5			
133#	1250	-214000#	1.9	1.9		2.29		8.03	38.3			44		42.75	95.47	
134#	1000	-214000#		1.9							61.3					
135#	750	-214000#	2.9	1.9		6.05		2.87	42.1			38.3		82.23	40.44	
136#	500	-214000#		2.4	3.3						32.5		34.5			
137#	250	-214000#	2.4	2.9		6.35		2.69	30.6			34.5		76.49	49.05	
138#	0	-214000#		3.3	44.6						38.3		513.0			
139#	-250	-214000#	2.9	3.4		5.68		2.93	26.8			61.3		70.66	31.82	
140#	-500	-214000#		1.9	4.3						57.4		38.3			
141#	-750	-214000#	2.4	3.4		5.65		3.1	26.8			40.2		68.75	28.95	
142#	-1000	-214000#		3.8	3.8						23		65.1			
143#	-1250	-214000#	1.9	2.9		3.21		8.03	13.4			34.5		29.11	99.3	
144#	-1500	-214000#		3.3	3.8						24.9		34.5			
145#	-1750	-214000#	2.9	3.8		3.18		3.11	26.8			24.9		33.5	24.88	

*****	*****							*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
146#	-2000	-214000#		2.4							32.5				
147#	-2250	-214000#	2.4		3.8			2.97	3.23	17.2		40.2		26.24	30.87
148#	-2500	-214000#		2.9		2.9					23		36.4		
149#	-2750	-214000#	3.3		3.8			3.23	3.35	19.1		23		25.04	25.12
150#	-3000	-214000#		3.8		2.4					23		21.1		
151#	-3250	-214000#	2.9		1.4			3.25	2.87	15.3		24.9		22.53	26.56
152#	-3500	-214000#		3.3		4.3					19.1		28.7		
153#	-3750	-214000#	2.4		4.3			2.86	2.99	15.3		23		22.29	25.84
154#	-4000	-214000#		1.9		3.8					15.3		34.5		
155#	-4250	-214000#	0.9		3.8			2.73	2.22	17.2		34.5		24.8	20.58
156#	-4500	-214000#		3.3		2.4					28.7		32.5		
157#	-4750	-214000#	2.4		3.3			2.69	2.51	21.1		26.8		25.68	23.21
158#	-5000	-214000#		1.9							21.1				
159#	-5250	-214000#	2.4		1.9			2.27	2.33	19.1		23		23.77	29.91
160#	-5500	-214000#		2.9		1.9					24.9		19.1		
161#	-5750	-214000#	1.0		1.9			1.59	2.27	23		24.9		26.48	27.99
162#	-6000	-214000#		0.9		1.4					28.7		32.5		
163#	-6250	-214000#	1.9		1.9			1.80	1.6	19.1		30.6		27.48	32.3
164#	-6500	-214000#		2.4		1.4					24.9		38.3		
165#	-6750	-214000#	1.4		2.4			1.66	1.55	19.1		34.5		30.39	22.73
166#	-7000	-214000#		1.4		1.4					26.8		45.9		
167#	-7250	-214000#	1.4		1.4			1.46	1.85	15.3		38.3		30.15	23.93
168#	-7500	-214000#		1.4		1.4					23		51.7		
169#	-7750	-214000#	2.4		0.9			1.73	1.73	13.4		32.5		27.04	26.32
170#	-8000	-214000#		1.9							21.1				
171#	-8250	-214000#	1.4		1.9			1.63	1.72	19.1		30.6		26.24	30.63
172#	-8500	-214000#		2.4							30.6		19.1		
173#	-8750	-214000#	1.3		2.4			1.75	1.73	21.1		21.1		26.48	31.1
174#	-9000	-214000#		1.9		0.9					19.1		24.9		
175#	-9250	-214000#	1.9		1.9			1.87	2.44	11.5		24.9		24.88	30.63
176#	-9500	-214000#		1.0		1.9					19.1		59.3		
177#	-9750	-214000#	2.4		2.4			2.23	2.31	13.4		51.7		30.63	18.42
178#	-10000	-214000#		3.3		2.9					42.1		42.1		
179#	-10250	-214000#	2.4		2.4			2.58	1.79	19.1		38.3		32.86	18.18
180#	-10500	-214000#		2.4		2.9					19.1		34.5		
181#	-10750	-214000#	1.4		2.9			2.21	2.44	11.5		19.1		21.37	45.46
182#	-11000	-214000#		1.9							15.3				
183#	-11250	-214000#	1.9		3.3			2.31	2.63	23		17.2		30.63	45.22
184#	-11500	-214000#		1.9		1.4					34.5		19.1		
185#	-11750	-214000#	1.9		2.4			2.57	2.09	21.1		44		44.18	34.45
186#	-12000	-214000#		3.3		3.3					30.6		90.0		
187#	-12250	-214000#	1.9		3.4			2.37	3.05	15.3		65.1		46.26	38.52
188#	-12500	-214000#		1.9		3.3					34.5		134.0		
189#	-12750	-214000#	2.4		1.9			2.55	2.21	17.2		78.5		50.13	28.95
190#	-13000	-214000#		1.9		1.4					40.2		55.5		
191#	-13250	-214000#	1.0					2.29	2.76	23		28.7		49.37	52.16
192#	-13500	-214000#		2.4		4.8					23		74.7		
193#	-13750	-214000#	2.4		3.8			2.82	1.79	34.5		57.4		47.85	72.74
194#	-14000	-214000#		3.9							88.1				
195#	-14250	-214000#	1.9		1.4			2.50	2.45	107.2		57.4		76.25	33.74
196#	-14500	-214000#		1.4							84.2		30.6		

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
197#	-14750	-214000#	1.9		1.0			1.95	3.33	38.3		57.4		45.7	166.77
198#	-15000	-214000#		2.4		1.9					28.7		57.4		
199#	-15250	-214000#	3.4		3.8			2.74	2.66	74.7		28.7		103.2	167.49
200#	-15500	-214000#		3.3							88.1		32.5		
201#	-15750	-214000#	3.8		3.3			3.20	2.89	53.6		118.7		150.3	83.98
202#	-16000	-214000#		2.9		2.2					61.3		725.5		
203#	-16250	-214000#	3.3		3.0			3.17	3.4	36.4		428.8		195.24	81.35
204#	-16500	-214000#		3.4		3.4					229.7		308.2		
205#	-16750	-214000#	3.3		3.9			3.37	3.16	111		183.8		224.67	97.38
206#	-17000	-214000#		3.9							120.6				
207#	-17250	-214000#	3.8		3.3			3.40	3.3	128.2		40.2		139.65	440.97
208#	-17500	-214000#		1.9		3.8					49.8		151.2		
209#	-17750	-214000#	3.3		2.4			3.24	3.49	122.5		201		268.22	203.62
210#	-18000	-214000#		3.2		3.8					645.1		151.2		
211#	-18250	-214000#	2.8		4.1			3.17	1.91	187.6		516.8		307.42	78.72
212#	-18500	-214000#		1.5		3.7					76.6		748.4		
213#	-18750	-214000#	1.4		3.9			2.41	2.55	49.8		279.5		189.1	246.69
214#	-19000	-214000#		1.9		4.8					74.7		344.5		
215#	-19250	-214000#	1.4		1.5			2.14	2.28	176.1		86.1		230.65	177.54
216#	-19500	-214000#		1.5		0.9					208.6		103.4		
217#	-19750	-214000#	1.4		1.5			1.83	3.32	101.4		252.7		166.53	234
218#	-20000	-214000#		1.4							139.7				
219#	-20250	-214000#	2.4		1.9			2.53	2.64	112.9		185.7		154.49	161.27
220#	-20500	-214000#		1.9		2.8					168.4		199.1		
221#	-20750	-214000#	2.4		2.4			3.10	2.33	120.6		201		152.01	149.06
222#	-21000	-214000#		3.4		8.9					168.4		111.0		
223#	-21250	-214000#	2.9		2.4			3.37	2.76	151.2		103.4		150.42	132.08
224#	-21500	-214000#		3.4		3.8					105.3		157.0		
225#	-21750	-214000#	3.4		2.9			3.58	2.92	68.9		162.7		112.97	146.43
226#	-22000	-214000#		3.3		3.3					114.8		164.6		
227#	-22250	-214000#	2.9		3.3			3.13	3.68	67		126.3		112.14	92.6
228#	-22500	-214000#		2.9		3.0					80.4		135.9		
229#	-22750	-214000#	1.9		3.4			2.83	3.29	44		105.3		93.55	135.9
230#	-23000	-214000#		2.8							59.3				
231#	-23250	-214000#	2.9		4.3			3.20	3.45	70.8		107.2		114.69	108.63
232#	-23500	-214000#		3.8		2.4					139.7		141.6		
233#	-23750	-214000#	3.8		3.0			3.74	3.24	76.6		212.5		125.46	104.08
234#	-24000	-214000#		3.8		3.7					130.2		162.7		
235#	-24250	-214000#	3.3		3.8			3.45	4.38	91.9		105.3		123.98	135.9
236#	-24500	-214000#		2.9		4.8					78.5		141.6		
237#	-24750	-214000#	3.8		2.9			4.02	3.37	78.5		114.8		123.74	144.52
238#	-25000	-214000#		4.8		4.8					134		176.1		
239#	-25250	-214000#	3.8		4.8			4.23	4.06	93.8		229.7		145.4	111.5
240#	-25500	-214000#		3.4		4.8					189.5		160.8		
241#	-25750	-214000#	4.3		4.8			4.44	4.2	111		155		145.63	126.57
242#	-26000	-214000#		4.3							105.3				
243#	-26250	-214000#	3.9		4.8			4.38	4.23	107.2		91.9		126.57	202.18
244#	-26500	-214000#		3.8		4.8					103.4		158.9		
245#	-26750	-214000#	3.9		4.8			4.27	3.91	101.4		185.7		162.38	157.44
246#	-27000	-214000#		4.2		4.8					222		132.1		
247#	-27250	-214000#	2.8		4.3			3.75	3.6	118.7		172.3		180.05	160.07

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	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
248#	-27500	-214000#		2.8		4.2					86.1		415.4		
249#	-27750	-214000#	2.4	2.9		3.27		3.76	59.3			239.3		172.19	200.03
250#	-28000	-214000#		2.4		4.9					197.2		287.1		
251#	-28250	-214000#	0.9	3.9		2.97		3.58	183.8			245		248.6	112.93
252#	-28500	-214000#		3.8		3.9					271.8		241.2		
253#	-28750	-214000#	4.8	3.9		3.97		2.91	82.3			300.5		179.29	232.09
254#	-29000	-214000#		2.9							103.4				
255#	-29250	-214000#	3.3	3.4		3.32		4.6	157			124.4		183.04	233.76
256#	-29500	-214000#		2.9		3.3					193.3		143.6		
257#	-29750	-214000#	3.8	2.9		3.90		3.8	210.6			243.1		214.38	188.78
258#	-30000	-214000#		4.2		3.9					277.6		227.8		
259#	-30250	-214000#	2.9	4.8		3.94		4.03	153.1			281.4		203.3	201.22
260#	-30500	-214000#		3.8		6.6					189.5		214.4		
261#	-30750	-214000#	2.9	5.3		4.34		3.32	151.2			166.5		192.41	182.56
262#	-31000	-214000#		5.3		4.4					151.2		199.1		
263#	-31250	-214000#	3.3	5.3		4.35		4.04	101.4			197.2		171.87	199.55
264#	-31500	-214000#		3.1		4.4					130.2		290.9		
265#	-31750	-214000#	4.3	3.5		4.15		4.62	91.9			268		181.05	151.22
266#	-32000	-214000#		3.9							183.8				
267#	-32250	-214000#	2.9	2.9		3.81		4.9	99.5			160.8		176.74	144.28
268#	-32500	-214000#		2.4		5.9					80.4		310.1		
269#	-32750	-214000#	2.9	3.4		4.35		5.36	61.3			178		142.44	166.77
270#	-33000	-214000#		1.9		7.6					126.3		218.2		
271#	-33250	-214000#	2.9	5.8		5.35		5.03	82.3			157		144.92	119.16
272#	-33500	-214000#		3.9		11.5					111		191.4		
273#	-33750	-214000#	5.7	11.0		7.11		5.66	74.7			149.3		125.66	188.78
274#	-34000	-214000#		8.1		10.5					95.7		149.3		
275#	-34250	-214000#	9.6	6.7		8.79		5.66	103.4			109.1		142.68	164.38
276#	-34500	-214000#		6.6		5.8					147.4		185.7		
277#	-34750	-214000#	4.4	9.1		6.29		7.15	174.2			252.7		180.17	129.68
278#	-35000	-214000#		5.4							283.3				
279#	-35250	-214000#	4.3	6.7		5.31		6.57	252.7			181.8		185.91	109.11
280#	-35500	-214000#		5.7		5.7					135.9		114.8		
281#	-35750	-214000#	5.7	5.7		4.77		5.34	84.2			93.8		82.55	168.21
282#	-36000	-214000#		0.7		1.2					7.7		15.3		
283#	-36250	-214000#	2.9	7.6		3.65		3.64	57.4			51.7		67	106.47
284#	-36500	-214000#		1.9							61.3				
285#	-36750	-214000#	0.9			2.59		3.25	32.5			86.1		68.67	64.36
286#	-37000	-214000#		1.9		4.3					51.7		166.5		
287#	-37250	-214000#	1.4	1.4		2.21		3.56	21.1			109.1		75.61	34.45
288#	-37500	-214000#		1.4		3.3					47.9		128.2		
289#	-37750	-214000#	2.9	2.4		3.19		4.13	26.8			57.4		59.74	49.29
290#	-38000	-214000#		4.3							30.6				
291#	-38250	-214000#	3.8	6.2		4.33		3.34	28.7			26.8		43.55	78.48
292#	-38500	-214000#		5.8		3.3					26.8		30.6		
293#	-38750	-214000#	3.3	5.8		4.52		3.01	32.5			34.5		47.61	73.69
294#	-39000	-214000#		5.3		4.3					47.9		72.7		
295#	-39250	-214000#	2.9	4.8		3.60		3.71	40.2			99.5		66.8	43.31
296#	-39500	-214000#		2.4		3.3					95.7		97.6		
297#	-39750	-214000#	3.8	2.4		3.14		3.76	40.2			97.6		70.58	40.2
298#	-40000	-214000#		1.9		2.4					47.9		111.0		

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
299#	-40250	-214000#	3.4	2.9		2.88		3.23	32.5			61.3		60.46	81.35
300#	-40500	-214000#		3.2	2.9					55.5			55.5		
301#	-40750	-214000#	1.9	2.9		2.63		2.69	67			49.8		72.98	80.87
302#	-41000	-214000#		2.4						76.6					
303#	-41250	-214000#	2.8	2.4		2.75		2.38	59.3			82.3		78.8	88.77
304#	-41500	-214000#		2.4	3.9					72.7			116.8		
305#	-41750	-214000#	1.9	2.9		2.35		2.63	38.3			107.2		89.49	98.1
306#	-42000	-214000#		1.4	2.4					68.9			132.1		
307#	-42250	-214000#	1.0	2.9		2.24		2.11	57.4			95.7		107.83	123.22
308#	-42500	-214000#		2.9	2.3					80.4			212.5		
309#	-42750	-214000#	1.5	2.3		2.32		2.54	76.6			178		138.14	121.07
310#	-43000	-214000#		2.4	3.9					174.2			227.8		
311#	-43250	-214000#	1.8	2.5		2.40		2.69	132.1			224		177.62	119.39
312#	-43500	-214000#		2.5	1.9					206.7			158.9		
313#	-43750	-214000#	2.4	2.9		2.76		2.72	143.6			162.7		167.01	223.48
314#	-44000	-214000#		2.9						126.3					
315#	-44250	-214000#	2.9	3.3		2.98		2.49	193.3			143.6		200.51	218.21
316#	-44500	-214000#		2.8	3.3					233.5			157.0		
317#	-44750	-214000#	2.3	3.9		2.71		2.22	166.5			258.4		223.88	159.83
318#	-45000	-214000#		2.5	3.2					189.5			405.8		
319#	-45250	-214000#	1.9	2.5		2.24		1.78	105.3			315.8		198.43	174.19
320#	-45500	-214000#		0.9	1.4					187.6			271.8		
321#	-45750	-214000#	0.9	2.0		1.45		2.4	134			164.6		193.89	163.9
322#	-46000	-214000#		0.9	2.3					134			179.9		
323#	-46250	-214000#	1.0	1.0		1.37		1.61	107.2			160.8		159.91	206.25
324#	-46500	-214000#		1.4	1.5					143.6			210.6		
325#	-46750	-214000#	0.9	1.9		1.38		1.43	105.3			193.3		155.05	122.74
326#	-47000	-214000#		1.0						166.5					
327#	-47250	-214000#	0.9	1.4		1.42		13.96	72.7			174.2		123.38	147.39
328#	-47500	-214000#		1.4	1.9					84.2			160.8		
329#	-47750	-214000#	15.0	1.9		13.36		9.73				78.5			
330#	-48000	-214000#		30.0	1.9								68.9		
331#	-48250	-214000#	24.0	33.0		20.02		5.94							
332#	-48500	-214000#		19.0	28.0										
333#	-48750	-214000#		28.0											
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****

AFTER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 2180S 500 FEET 22-11-62 ENVELOP
IP 690W-362.5E LENGTH 105250 FEET
GEOCHEMISTRY NIL
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH = -Y

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
1#	36250	-218000#	1.9							4					
2#	36000	-218000#		2.8							10.1				
3#	35750	-218000#	1.4							6.5		14.4			
4#	35500	-218000#		1.8							10.5		14.4		
5#	35250	-218000#	1.3							8.4		10.7			
6#	35000	-218000#		3.7							9.4				
7#	34750	-218000#	2.4					2.77	2.22	11.1		9.4			15.1 25.7
8#	34500	-218000#		2.4							12.6		17.2		
9#	34250	-218000#	1.9		3.1			2.42	2.79	8		23			20.51 19.12
10#	34000	-218000#		2.4		2.6					16.8		40.2		
11#	33750	-218000#	1.0		2.0			2.19	2.61	8.2		28.7			23.78 34.14
12#	33500	-218000#		1.4		3.1					16.8		59.3		
13#	33250	-218000#	1.5		2.4			2.36	2.75	86.1		36.4			46.81 34.24
14#	33000	-218000#		2.9		4.5					23		45.9		
15#	32750	-218000#	2.9		3.3			3.19	2.74	36.4		30.6			45.78 54.98
16#	32500	-218000#		3.9		2.8					53.6		51.7		
17#	32250	-218000#	2.4		3.3			3.38	2.97	36.4		101.4			57.66 53.84
18#	32000	-218000#		3.0							82.3				
19#	31750	-218000#	1.9		4.3			3.12	3.92	61.3		84.2			71.78 52.88
20#	31500	-218000#		2.9		4.8					74.7		65.1		
21#	31250	-218000#	3.3		3.3			3.93	3.11	55.5		65.1			66.36 72.5
22#	31000	-218000#		4.3		4.3					55.5		74.7		
23#	30750	-218000#	3.4		4.8			3.85	3.24	45.9		65.1			63.84 77.76
24#	30500	-218000#		3.3		4.8					67		80.4		
25#	30250	-218000#	2.9		2.8			3.45	3.7	47.9		86.1			69.55 65.56
26#	30000	-218000#		3.3		4.3					72.7		84.2		
27#	29750	-218000#	3.3		2.4			3.33	3.71	63.2		68.9			76.96 94.03
28#	29500	-218000#		2.8		3.4					63.2		109.1		
29#	29250	-218000#	2.4		2.8			3.17	3.57	53.6		101.4			93.08 115.57
30#	29000	-218000#		3.3							107.2				
31#	28750	-218000#	2.4		4.3			3.39	3.28	91.9		170.4			133.19 94.27
32#	28500	-218000#		3.9		4.3					168.4		166.5		
33#	28250	-218000#	3.3		3.7			3.72	3.22	103.4		178			141.65 147.15
34#	28000	-218000#		2.9		4.2					114.8		183.8		
35#	27750	-218000#	2.3		3.8			3.39	4.1	155		135.9			162.14 210.56
36#	27500	-218000#		3.3		4.3					172.3		130.2		
37#	27250	-218000#	3.8		4.4			4.02	3.69	157		181.8			187.43 178.73
38#	27000	-218000#		4.4		3.9					174.2		258.4		
39#	26750	-218000#	3.3		4.9			4.07	4.23	132.1		271.8			204.1 257.21
40#	26500	-218000#		4.3		4.2					225.9		319.7		
41#	26250	-218000#	3.8		4.4			4.39	4.32	269.9		290.9			297.41 208.88
42#	26000	-218000#		5.3							281.4				
43#	25750	-218000#	3.5		4.3			4.48	4.51	246.9		478.5			297.57 273.72

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT							APP. R	ESIST O	HM.M				
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****														
44#	25500	-218000#		4.8		5.3					268		379.0		
45#	25250	-218000#	3.7		4.7			4.68	4.57	287.1		335		310.57	275.64
46#	25000	-218000#		5.4		5.3					382.8		202.9		
47#	24750	-218000#	4.2		5.3			4.86	4.37	300.5		250.8		291.63	296.21
48#	24500	-218000#		4.8		4.9					241.2		243.1		
49#	24250	-218000#	3.8		4.9			4.58	4.55	201		256.5		234.88	320.14
50#	24000	-218000#		4.4		5.4					208.6		268.0		
51#	23750	-218000#	2.5		4.3			4.14	4.36	189.5		241.2		245.73	223.24
52#	23500	-218000#		4.8		4.8					241.2		342.6		
53#	23250	-218000#	2.9		4.2			4.13	3.87	120.6		354.1		233.69	223
54#	23000	-218000#		4.2							210.6				
55#	22750	-218000#	2.8		3.9			3.80	3.87	134		296.7		236.8	192.13
56#	22500	-218000#		3.2		4.7					231.6		262.2		
57#	22250	-218000#	3.4		3.7			3.63	3.89	99.5		233.5		196.28	223
58#	22000	-218000#		2.9		4.6					126.3		287.1		
59#	21750	-218000#	2.9		3.3			3.61	3.1	76.6		193.3		176.06	204.33
60#	21500	-218000#		4.4		4.0					151.2		246.9		
61#	21250	-218000#	2.4		3.4			3.36	3.26	101.4		225.9		189.58	169.88
62#	21000	-218000#		3.4		4.3					178		289.0		
63#	20750	-218000#	1.9		2.9			2.88	2.8	90		268		181.92	149.78
64#	20500	-218000#		2.4		2.8					157		229.7		
65#	20250	-218000#	1.9		2.9			2.41	2.73	95.7		151.2		157.44	150.98
66#	20000	-218000#		1.9							118.7				
67#	19750	-218000#	1.9		2.0			2.18	2.08	80.4		103.4		123.3	156.72
68#	19500	-218000#		1.4		1.9					84.2		147.4		
69#	19250	-218000#	0.9		2.5			1.63	2.31	49.8		122.5		105.44	112.93
70#	19000	-218000#		1.4		3.4					84.2		179.9		
71#	18750	-218000#	2.9		0.8			2.20	1.89	40.2		141.6		98.86	72.26
72#	18500	-218000#		2.4		1.9					82.3		168.4		
73#	18250	-218000#	1.4		2.3			1.89	2.28	45.9		116.8		92.24	93.55
74#	18000	-218000#		1.4		1.4					93.8		84.2		
75#	17750	-218000#	2.4		2.4			2.22	2.02	67		74.7		85.42	108.15
76#	17500	-218000#		2.4		2.8					72.7		63.2		
77#	17250	-218000#	2.4		2.9			2.22	2.01	63.2		67		81.03	112.7
78#	17000	-218000#		1.4							65.1				
79#	16750	-218000#	1.9		1.9			2.06	2.03	42.1		116.8		91.4	88.29
80#	16500	-218000#		1.4		2.4					84.2		170.4		
81#	16250	-218000#	1.9		2.4			1.95	2.08	44		132.1		106.71	81.83
82#	16000	-218000#		1.5		2.4					76.6		197.2		
83#	15750	-218000#	1.9		2.3			1.95	2.37	51.7		116.8		108.11	159.11
84#	15500	-218000#		1.5		1.9					86.1		174.2		
85#	15250	-218000#	2.4		1.9			2.25	2.34	91.9		134		141.21	158.16
86#	15000	-218000#		2.4		2.3					162.7		145.5		
87#	14750	-218000#	2.0		2.4			2.42	2.93	178		187.6		190.94	159.83
88#	14500	-218000#		3.0		3.2					185.7		292.9		
89#	14250	-218000#	2.4		3.3			3.11	3.12	141.6		300.5		199.39	182.56
90#	14000	-218000#		3.8							235.4				
91#	13750	-218000#	2.9		3.3			3.80	3.32	183.8		195.2		218.13	155.76
92#	13500	-218000#		4.3		5.4					164.6		214.4		
93#	13250	-218000#	2.9		5.3			4.04	3.18	80.4		210.6		160.63	201.22
94#	13000	-218000#		3.3		4.3					122.5		252.7		

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M				
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P	
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	
95#	12750	-218000#	2.8		5.4			3.71	2.3	109.1		162.7			159.35	151.94
96#	12500	-218000#		2.8		4.8					164.6		220.1			
97#	12250	-218000#	1.9		1.7			2.59	3.07	111		91.9			156.24	156.72
98#	12000	-218000#		1.0		4.9					145.5		231.6			
99#	11750	-218000#	0.5		0.3			1.64	2.46	107.2		158.9			146.67	132.55
100#	11500	-218000#		1.0		2.3					124.4		179.9			
101#	11250	-218000#	1.5		0.9			1.53	1.86	76.6		151.2			123.46	110.78
102#	11000	-218000#		0.5							101.4					
103#	10750	-218000#	1.0		1.9			1.39	1.97	74.7		99.5			98.9	112.93
104#	10500	-218000#		1.4		1.5					82.3		91.9			
105#	10250	-218000#	0.9		1.9			1.75	1.48	55.5		84.2			78.08	107.67
106#	10000	-218000#		2.4		2.4					68.9		80.4			
107#	9750	-218000#	1.4		1.9			1.88	1.85	45.9		74.7			76.69	62.93
108#	9500	-218000#		1.4		2.8					65.1		112.9			
109#	9250	-218000#	1.0		1.9			1.73	1.69	26.8		105.3			65.88	61.01
110#	9000	-218000#		1.4		2.3					47.9		137.8			
111#	8750	-218000#	0.5		1.4			1.70	2.12	24.9		65.1			60.93	42.35
112#	8500	-218000#		1.4		3.3					40.2		63.2			
113#	8250	-218000#	1.9		2.9			2.28	1.8	19.1		40.2			42.27	49.77
114#	8000	-218000#		2.4							21.1					
115#	7750	-218000#	2.1		2.3			2.34	1.97	19.1		21.1			28.47	51.68
116#	7500	-218000#		1.0		3.6					19.1		30.6			
117#	7250	-218000#	1.4		1.9			2.03	2.58	17.2		30.6			29.19	29.19
118#	7000	-218000#		1.9		2.8					30.6		38.3			
119#	6750	-218000#	1.5		2.4			2.22	2.06	17.2		36.4			28.83	22.01
120#	6500	-218000#		1.4		2.9					23		67.0			
121#	6250	-218000#	1.5		2.4			2.23	2.2	11.5		30.6			25.8	26.08
122#	6000	-218000#		1.9		4.7					23		19.1			
123#	5750	-218000#	1.4		2.4			2.26	2.21	17.2		23			26.56	28.95
124#	5500	-218000#		1.9		3.0					21.1		30.6			
125#	5250	-218000#	1.5		1.9			2.39	2.05	17.2		30.6			25.44	37.57
126#	5000	-218000#		2.9							26.8					
127#	4750	-218000#	1.4		2.8			2.16	2.33	26.8		21.1			34.06	21.53
128#	4500	-218000#		1.4		2.4					24.9		57.4			
129#	4250	-218000#	0.5		1.8			1.85	2	9.6		65.1			29.43	26.8
130#	4000	-218000#		1.4		3.2					30.6		45.9			
131#	3750	-218000#	0.9		2.4			1.86	1.97	21.1		23			31.46	20.82
132#	3500	-218000#		1.4		3.9					21.1		28.7			
133#	3250	-218000#	2.1		2.4			2.37	2.29	13.4		26.8			22.93	47.38
134#	3000	-218000#		2.4		2.0					21.1		30.6			
135#	2750	-218000#	2.1		2.7			2.71	2.69	36.4		23			34.3	29.43
136#	2500	-218000#		2.9							47.9		26.8			
137#	2250	-218000#	2.4		4.3			2.91	2.81	15.3		63.2			32.3	29.67
138#	2000	-218000#		3.8							19.1					
139#	1750	-218000#	2.0		3.4			2.93	2.37	17.2		51.7			32.94	28.95
140#	1500	-218000#		2.4		2.9					40.2		45.9			
141#	1250	-218000#	1.0		3.3			2.43	3.4	26.8		38.3			34.14	28.71
142#	1000	-218000#		2.4							32.5		28.7			
143#	750	-218000#	1.9		3.6			3.00	2.97	19.1		26.8			27.99	40.2
144#	500	-218000#		3.8							23		28.7			
145#	250	-218000#	2.4		4.4			3.36	2.82	26.8		26.8			31.38	32.54

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	#	FREQ.	EFFECT			APP. R	ESIST O	HM.M	
X	Y	#	N=1 N=2 N=3 N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
146#	0 -218000#	2.9	3.4			36.4		34.5	
147#	-250 -218000#	2.4	4.3 3.28	3.26	19.1		51.7		31.03 22.25
148#	-500 -218000#	3.3	3.7			30.6		44.0	
149#	-750 -218000#	2.1	3.4 3.23	3.4	13.4		28.7		25.92 22.97
150#	-1000 -218000#	2.9				13.4			
151#	-1250 -218000#	2.7	4.8 3.46	3.68	9.6		17.2		19.7 25.36
152#	-1500 -218000#	3.4				11.5		28.7	
153#	-1750 -218000#	3.2	4.6 4.00	3.23	9.6		21.1		17.95 18.42
154#	-2000 -218000#	4.5				17.2		30.6	
155#	-2250 -218000#	2.8	5.2 3.85	3.83	7.7		24.9		16.67 16.51
156#	-2500 -218000#	3.3				11.5		21.1	
157#	-2750 -218000#	2.1	3.76	3.49	9.6		13.4		15.67 20.58
158#	-3000 -218000#	4.7				9.6		19.1	
159#	-3250 -218000#	2.7	3.43	3.49	9.6		13.4		16.67 22.97
160#	-3500 -218000#	2.3				15.3		30.6	
161#	-3750 -218000#	2.0	4.1 3.14	4.8	19.1		36.4		24.17 18.42
162#	-4000 -218000#	3.3				44			
163#	-4250 -218000#	2.9	5.1 4.03	2.9	28.7		23		28.07 19.14
164#	-4500 -218000#	4.1				17.2		21.1	
165#	-4750 -218000#	5.1	7.2 4.22	3.23	15.3		17.2		20.18 37.09
166#	-5000 -218000#	0.4				15.3		30.6	
167#	-5250 -218000#	2.9	3.8 3.16	5.61	23		30.6		28.39 23.93
168#	-5500 -218000#	3.8				44		24.9	
169#	-5750 -218000#	5.3	2.4 4.77	4.36	19.1		40.2		29.43 20.34
170#	-6000 -218000#	5.5	3.2			17.2		49.8	
171#	-6250 -218000#	6.4	5.5 5.27	4.54	15.3		26.8		25.84 41.87
172#	-6500 -218000#	6.2	7.2			21.1		36.4	
173#	-6750 -218000#	4.3	3.1 4.86	4.84	36.4		28.7		40.2 34.22
174#	-7000 -218000#	5.3				51.7			
175#	-7250 -218000#	4.3	4.8 4.67	4.36	34.5		65.1		44.34 35.41
176#	-7500 -218000#	3.3	4.5			44		57.4	
177#	-7750 -218000#	3.8	4.3 4.16	4.28	30.6		55.5		43.23 37.33
178#	-8000 -218000#	3.3	6.2			44		42.1	
179#	-8250 -218000#	2.9	3.8 3.80	4.43	32.5		36.4		39.24 58.14
180#	-8500 -218000#	3.8	4.7			24.9		38.3	
181#	-8750 -218000#	4.3	3.4 4.33	3.98	28.7		28.7		40 58.86
182#	-9000 -218000#	4.3	4.3			30.6		61.3	
183#	-9250 -218000#	4.3	4.3 4.27	3.89	30.6		63.2		55.11 42.35
184#	-9500 -218000#	3.8	5.3			74.7		101.4	
185#	-9750 -218000#	3.8	4.3 3.84	3.66	30.6		118.7		63.01 36.85
186#	-10000 -218000#	3.3				63.2			
187#	-10250 -218000#	2.9	3.8 3.36	3.65	36.4		47.9		56.95 63.88
188#	-10500 -218000#	3.4	1.9			32.5		65.1	
189#	-10750 -218000#	3.8	4.3 3.25	4.25	40.2		45.9		54.79 86.85
190#	-11000 -218000#	2.4	2.1			72.7		51.7	
191#	-11250 -218000#	4.3	2.9 3.71	4.02	80.4		82.3		79.72 55.27
192#	-11500 -218000#	4.3	3.9			101.4		86.1	
193#	-11750 -218000#	2.9	4.8 3.77	3.41	55.5		114.8		73.57 70.34
194#	-12000 -218000#	4.3	4.8			68.9		78.5	
195#	-12250 -218000#	4.8	4.3 4.42	3.56	82.3		44		77.44 88.77
196#	-12500 -218000#	3.8	4.8			55.5		76.6	

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	
197#	-12750	-218000#		4.3	3.8			4.18	4.45	55.5		95.7		80.23	97.14
198#	-13000	-218000#			3.4						109.1				
199#	-13250	-218000#		3.4	4.3			4.09	3.9	80.4		105.3		101.21	61.49
200#	-13500	-218000#			4.3		4.3				76.6		149.3		
201#	-13750	-218000#		3.3	4.8			3.96	3.66	40.2		122.5		84.22	91.16
202#	-14000	-218000#			3.4		5.4				68.9		145.5		
203#	-14250	-218000#		2.4		3.4		3.53	4.14	70.8		82.3		92.64	71.54
204#	-14500	-218000#			2.8		3.8				101.4		67.0		
205#	-14750	-218000#		3.3		4.3		3.85	3.78	63.2		84.2		80.91	101.69
206#	-15000	-218000#			3.8		4.3				57.4		111.0		
207#	-15250	-218000#		2.9		4.8		3.87	3.99	63.2		76.6		77.12	158.16
208#	-15500	-218000#			3.9		4.6				90		76.6		
209#	-15750	-218000#		3.8		4.3		4.17	3.79	74.7		99.5		131.04	121.07
210#	-16000	-218000#			3.3						103.4				
211#	-16250	-218000#		2.4		4.6		3.83	3.87	67		386.7		166.37	173.47
212#	-16500	-218000#			3.9		5.2				279.5		308.2		
213#	-16750	-218000#		2.8		4.8		3.86	3.8	352.2		239.3		280.82	104.32
214#	-17000	-218000#			3.3		4.3				331.1		111.0		
215#	-17250	-218000#		3.4		3.8		3.93	4.05	139.7		151.2		175.86	391.2
216#	-17500	-218000#			3.9		4.2				68.9		201.0		
217#	-17750	-218000#		3.8		3.8		3.97	3.7	153.1		103.4		210.2	270.37
218#	-18000	-218000#			3.3		4.8				273.7		176.1		
219#	-18250	-218000#		3.0		4.3		3.55	4.02	227.8		474.7		294.38	131.12
220#	-18500	-218000#			4.3		4.8				539.8		604.9		
221#	-18750	-218000#		3.9		0.4		3.88	3.86	120.6		68.9		253.78	181.37
222#	-19000	-218000#			3.4						210.6				
223#	-19250	-218000#		2.9		4.3		3.69	4.09	145.5		91.9		182.72	257.93
224#	-19500	-218000#			4.8		4.8				67		141.6		
225#	-19750	-218000#		3.3		4.8		4.11	3.66	90		111		147.07	208.64
226#	-20000	-218000#			3.8		4.2				132.1		321.6		
227#	-20250	-218000#		3.8		4.5		4.26	3.81	103.4		409.6		177.26	103.12
228#	-20500	-218000#			4.4		3.9				312		120.6		
229#	-20750	-218000#		2.8		4.8		3.69	3.88	216.3		97.6		193.21	122.03
230#	-21000	-218000#			1.9		4.8				74.7		126.3		
231#	-21250	-218000#		1.9		3.8		3.30	3.37	105.3		78.5		103.68	256.97
232#	-21500	-218000#			3.8		4.8				97.6		103.4		
233#	-21750	-218000#		2.4		3.3		3.29	3.36	109.1		143.6		142.2	71.3
234#	-22000	-218000#			2.4						187.6				
235#	-22250	-218000#		3.4		2.8		3.39	3.78	28.7		258.4		106.63	75.61
236#	-22500	-218000#			3.3		3.4				44		241.2		
237#	-22750	-218000#		3.3		3.4		3.57	3.87	36.4		38.3		79.12	87.81
238#	-23000	-218000#			3.8		4.3				36.4		61.3		
239#	-23250	-218000#		3.3		3.9		3.89	3.82	40.2		61.3		63.05	84.7
240#	-23500	-218000#			4.3		4.3				61.3		59.3		
241#	-23750	-218000#		3.8		4.8		4.23	3.78	44		61.3		58.18	92.84
242#	-24000	-218000#			4.3		4.7				47.9		76.6		
243#	-24250	-218000#		3.3		4.8		4.26	4.12	36.4		63.2		55.35	69.39
244#	-24500	-218000#			4.8		4.0				44		91.9		
245#	-24750	-218000#		4.3		4.8		4.42	3.96	57.4		65.1		70.5	54.79
246#	-25000	-218000#			4.3						82.3				
247#	-25250	-218000#		3.3		3.9		3.87	4.64	49.8		80.4		68.99	54.55

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	#	FREQ.	EFFECT					APP. R	ESIST O	HM.M
X	Y	#	N=1 N=2 N=3 N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
248#	-25500	-218000#	2.9 4.3			53.6		107.2		
249#	-25750	-218000#	3.4 4.3 4.03	4.39	38.3		72.7		58.14	64.84
250#	-26000	-218000#	3.8 4.4			55.5		57.4		
251#	-26250	-218000#	2.9 5.2 4.25	4.86	47.9		45.9		57.62	55.03
252#	-26500	-218000#	3.8 6.1			42.1		55.5		
253#	-26750	-218000#	5.7 5.3 5.35	4.48	28.7		51.7		48.45	82.31
254#	-27000	-218000#	5.7 6.7			42.1		88.1		
255#	-27250	-218000#	5.3 4.3 5.58	5.21	57.4		74.7		69.55	63.17
256#	-27500	-218000#	5.3 6.5			114.8		61.3		
257#	-27750	-218000#	4.8 5.7 5.48	5.31	67		95.7		82.31	72.98
258#	-28000	-218000#	5.3			61.3				
259#	-28250	-218000#	3.8 6.2 5.25	5.38	49.8		90		80.79	98.1
260#	-28500	-218000#	5.3 6.2			82.3		112.9		
261#	-28750	-218000#	5.2 5.8 5.51	5.3	72.7		111		101.13	77.04
262#	-29000	-218000#	4.7 5.2			112.9		134.0		
263#	-29250	-218000#	4.3 6.2 5.22	5.02	67		147.4		99.73	102.17
264#	-29500	-218000#	4.8 5.8			97.6		107.2		
265#	-29750	-218000#	4.8 6.3 5.16	4.78	78.5		72.7		99.58	109.82
266#	-30000	-218000#	5.3 5.8			67		111.0		
267#	-30250	-218000#	4.8 3.8 4.69	4.84	68.9		109.1		101.29	151.94
268#	-30500	-218000#	2.8 4.8			112.9		158.9		
269#	-30750	-218000#	3.9 3.4 4.11	5.24	90		179.9		145.47	115.57
270#	-31000	-218000#	3.8			158.9				
271#	-31250	-218000#	3.3 4.7 4.43	4.49	95.7		214.4		163.18	184.48
272#	-31500	-218000#	5.3 5.3			143.6		294.8		
273#	-31750	-218000#	4.8 4.9 5.08	4.62	164.6		202.9		217.73	204.1
274#	-32000	-218000#	5.2 6.3			273.7		166.5		
275#	-32250	-218000#	4.8 4.7 5.19	4.29	208.6		237.4		247.2	236.64
276#	-32500	-218000#	5.3 4.9			202.9		377.1		
277#	-32750	-218000#	4.3 5.8 4.86	4.38	172.3		342.6		254.66	271.09
278#	-33000	-218000#	5.0 5.7			354.1		285.2		
279#	-33250	-218000#	4.0 4.7 4.14	4.68	304.3		296.7		313.2	202.42
280#	-33500	-218000#	1.8 2.7			298.6		273.7		
281#	-33750	-218000#	1.9 3.8 3.30	5.34	149.3		290.9		234.88	352.92
282#	-34000	-218000#	3.7			170.4				
283#	-34250	-218000#	3.3 4.43	4.53	143.6		235.4		247.88	284.25
284#	-34500	-218000#	20.0					285.2		
285#	-34750	-218000#	2.9 7.8 5.87	4.43	143.6		312		290.47	268.46
286#	-35000	-218000#	7.3 7.0			243.1		635.5		
287#	-35250	-218000#	4.8 6.5 6.00	6.42	216.3		501.5		334.1	322.53
288#	-35500	-218000#	6.2 5.3			474.7		356.0		
289#	-35750	-218000#	6.8 5.7 6.46	6.13	622.1		315.8		458.16	233.76
290#	-36000	-218000#	6.3 5.2			451.7		262.2		
291#	-36250	-218000#	5.3 7.8 5.92	5.78	210.6		369.4		265.99	378.52
292#	-36500	-218000#	6.7 6.7			216.3		153.1		
293#	-36750	-218000#	4.8 5.0 5.49	5.16	176.1		101.4		200.67	225.39
294#	-37000	-218000#	3.9			101.4				
295#	-37250	-218000#	3.4 5.3 4.68	5.88	53.6		250.8		130.96	184
296#	-37500	-218000#	4.3 5.9			143.6		266.1		
297#	-37750	-218000#	4.8 4.8 5.28	5.43	90		145.5		140.61	76.57
298#	-38000	-218000#	5.3 6.2			111		126.3		

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	
299#	-38250	-218000#	4.8		5.8			5.68	5.19	28.7		97.6		88.65	122.51
300#	-38500	-218000#		6.2		6.7					26.8		149.3		
301#	-38750	-218000#	4.8		6.7			5.91	5.55	32.5		44		75.69	138.78
302#	-39000	-218000#		6.3		6.7					63.2		103.4		
303#	-39250	-218000#	5.7		5.7			6.18	5.69	49.8		155		94.27	77.76
304#	-39500	-218000#		5.8							132.1				
305#	-39750	-218000#	5.3		6.2			5.82	5.52	74.7		111		99.22	73.93
306#	-40000	-218000#		5.3							67				
307#	-40250	-218000#	3.3		5.3			4.99	5.41	47.9		97.6		75.93	120.83
308#	-40500	-218000#		5.3		6.7					84.2		99.5		
309#	-40750	-218000#	4.8		5.3			5.12	4.8	107.2		93.8		104.8	113.41
310#	-41000	-218000#		4.3		4.8					130.2		59.3		
311#	-41250	-218000#	4.8		4.8			4.88	4.03	57.4		93.8		95.51	117.72
312#	-41500	-218000#		4.3		5.8					47.9		170.4		
313#	-41750	-218000#	3.8		4.8			4.05	4.73	47.9		90		104.92	117.96
314#	-42000	-218000#		2.4		4.9					97.6		243.1		
315#	-42250	-218000#	2.4		3.0			3.56	3.76	65.1		269.9		144.52	95.23
316#	-42500	-218000#		3.9		3.8					204.8		118.7		
317#	-42750	-218000#	2.8		3.9			3.40	3.66	97.6		193.3		157.44	168.92
318#	-43000	-218000#		2.8							97.6				
319#	-43250	-218000#	3.3		2.9			3.40	3.34	151.2		143.6		177.7	273.48
320#	-43500	-218000#		3.3		3.8					250.8		174.2		
321#	-43750	-218000#	2.3		3.4			3.09	3.77	254.6		312		275.24	179.69
322#	-44000	-218000#		2.8		3.9					402		214.4		
323#	-44250	-218000#	3.4		3.4			3.62	3.77	225.9		306.3		265.23	202.18
324#	-44500	-218000#		3.8		3.7					181.8		409.6		
325#	-44750	-218000#	3.3		4.4			4.01	3.53	158.9		243.1		220.88	227.07
326#	-45000	-218000#		4.9		4.7					245		225.9		
327#	-45250	-218000#	2.8		4.8			4.01	4.07	189.5		216.3		219.57	151.22
328#	-45500	-218000#		4.4		4.4					181.8		174.2		
329#	-45750	-218000#	4.3		3.8			4.43	4.01	74.7		157		131.84	185.43
330#	-46000	-218000#		4.3							76.6				
331#	-46250	-218000#	3.4		4.3			4.13	4.37	78.5		82.3		102.96	129.2
332#	-46500	-218000#		4.8		5.3					78.5		114.8		
333#	-46750	-218000#	3.9		4.3			4.28	4.58	53.6		116.8		86.46	86.85
334#	-47000	-218000#		3.9		3.8					82.3		122.5		
335#	-47250	-218000#	4.8		4.3			4.68	3.34	38.3		95.7		73.93	61.01
336#	-47500	-218000#		4.8		4.8					51.7		103.4		
337#	-47750	-218000#	2.4		5.3			3.73	3.72	30.6		57.4		58.66	74.41
338#	-48000	-218000#		2.9		5.9					42.1		61.3		
339#	-48250	-218000#	1.9		3.8			3.17	3.05	26.8		44		50.65	66.76
340#	-48500	-218000#		2.9		2.4					36.4		78.5		
341#	-48750	-218000#	1.9		1.4			2.63	3.24	21.1		65.1		49.93	69.39
342#	-49000	-218000#		1.4							40.2				
343#	-49250	-218000#	1.9		2.8			2.34	3.64	36.4		91.9		68.19	56.47
344#	-49500	-218000#		2.9		2.9					88.1		80.4		
345#	-49750	-218000#	1.9		3.4			2.76	2.4	51.7		80.4		77.2	68.19
346#	-50000	-218000#		2.9		2.9					57.4		120.6		
347#	-50250	-218000#	2.4		3.8			2.96	3.22	44		95.7		76.09	103.36
348#	-50500	-218000#		2.9							93.8		84.2		
349#	-50750	-218000#	2.4		2.9			3.23	3.24	107.2		93.8		106.47	77.28

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****														
350#	-51000	-218000#		3.9		3.8					124.4		93.8		
351#	-51250	-218000#	2.9		4.3			3.66	3.6	78.5		126.3			98.82 148.82
352#	-51500	-218000#		4.3		3.8					99.5		118.7		
353#	-51750	-218000#	3.3		4.3			4.08	3.33	122.5		97.6			139.97 133.99
354#	-52000	-218000#		5.7							151.2				
355#	-52250	-218000#	2.9		3.3			3.73	3.72	90		222			157.92 106.47
356#	-52500	-218000#		2.9		4.4					162.7		277.6		
357#	-52750	-218000#	1.9		3.3			3.25	3.88	68.9		208.6			148.51 111.98
358#	-53000	-218000#		3.4		3.9					105.3		229.7		
359#	-53250	-218000#	2.8		4.3			3.57	3.75	86.1		120.6			132 140.45
360#	-53500	-218000#		3.3		4.4					107.2		114.8		
361#	-53750	-218000#	2.4		3.8			3.73	3.75	95.7		109.1			121.87 166.29
362#	-54000	-218000#		2.9		4.3					107.2		135.9		
363#	-54250	-218000#	4.3		7.1			4.21	3.93	84.2		141.6			119.47 132.08
364#	-54500	-218000#		3.4		4.7					130.2		162.7		
365#	-54750	-218000#	4.7		3.9			4.45	3.88	97.6		160.8			128.57 96.43
366#	-55000	-218000#		2.9							95.7				
367#	-55250	-218000#	1.9		4.7			3.68	4.65	38.3		118.7			103.36 111.02
368#	-55500	-218000#		3.8		5.2					61.3		191.4		
369#	-55750	-218000#	2.4		4.3			4.19	3.88	30.6		53.6			95.31 101.69
370#	-56000	-218000#		4.3		5.7					82.3		202.9		
371#	-56250	-218000#	3.8		5.7			4.56	4.69	47.9		135.9			97.5 72.26
372#	-56500	-218000#		3.9		5.4					82.3		134.0		
373#	-56750	-218000#	5.7		5.3			5.31	4.93	55.5		97.6			93.87 112.46
374#	-57000	-218000#		6.1		4.7					70.8		128.2		
375#	-57250	-218000#	6.2		5.2			5.52	4.71	93.8		91.9			101.61 120.35
376#	-57500	-218000#		5.3		4.8					132.1		74.7		
377#	-57750	-218000#	4.7		5.3			4.55	5.19	162.7		107.2			118.92 83.03
378#	-58000	-218000#		1.0							30.6				
379#	-58250	-218000#	3.8		5.3			4.26	4.66	67		82.3			78.88 97.38
380#	-58500	-218000#		4.8		5.7					47.9		210.6		
381#	-58750	-218000#	4.8		5.3			4.76	3.05	40.2		65.1			73.93 70.11
382#	-59000	-218000#		4.3		4.8					49.8		88.1		
383#	-59250	-218000#	2.9		3.9			3.56	4.22	36.4		68.9			71.7 43.55
384#	-59500	-218000#		2.4		4.3					49.8		105.3		
385#	-59750	-218000#	2.4		2.4			3.07	3.93	17.2		74.7			52.04 82.31
386#	-60000	-218000#		2.9		1.9					26.8		120.6		
387#	-60250	-218000#	1.4		3.4			2.78	3.04	17.2		45.9			47.38 49.53
388#	-60500	-218000#		2.9		5.2					34.5		44.0		
389#	-60750	-218000#	1.9		3.3			2.75	2.89	21.1		34.5			43.63 49.05
390#	-61000	-218000#		0.5							24.9				
391#	-61250	-218000#	1.9		4.3			2.94	2.93	17.2		74.7			39.8 48.33
392#	-61500	-218000#		3.4		4.2					65.1		51.7		
393#	-61750	-218000#	2.4		3.8			3.34	3.03	38.3		47.9			47.38 34.69
394#	-62000	-218000#		2.9		3.1					34.5		38.3		
395#	-62250	-218000#	2.4		3.8			3.32	2.64	23		32.5			37.01 82.55
396#	-62500	-218000#		3.8		4.3					24.9		59.3		
397#	-62750	-218000#	1.9		3.3			2.78	2.72	34.5		47.9			56.07 46.66
398#	-63000	-218000#		1.4		3.9					80.4		61.3		
399#	-63250	-218000#	1.4		1.9			2.16	3	32.5		118.7			66.04 31.34
400#	-63500	-218000#		0.5		2.9					61.3		124.4		

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
401#	-63750	-218000#	2.4		2.4			2.42	2.22	24.9		70.8		54.79	47.38
402#	-64000	-218000#		2.4							40.2				
403#	-64250	-218000#	1.9		2.7			2.26	2.22	42.1		26.8		47.61	52.16
404#	-64500	-218000#		1.4		3.8					34.5		28.7		
405#	-64750	-218000#	0.9		1.0			2.06	2.09	24.9		38.3		33.9	52.88
406#	-65000	-218000#		2.4		2.9					32.5		44.0		
407#	-65250	-218000#	1.4		2.9			2.09	1.84	21.1		36.4		33.9	31.34
408#	-65500	-218000#		1.9		2.9					24.9		57.4		
409#	-65750	-218000#	1.0		1.9			1.89	2.15	13.4		42.1		31.7	26.56
410#	-66000	-218000#		1.9		1.9					23		57.4		
411#	-66250	-218000#			1.4					11.5		36.4		30.87	27.52
412#	-66500	-218000#		1.4		2.7					21.1		45.9		
413#	-66750	-218000#	1.0		1.9			1.63	1.59	11.5		30.6		27.99	30.15
414#	-67000	-218000#		1.4							19.1				
415#	-67250	-218000#	0.5		1.0			1.50	1.72	15.3		34.5		27.2	30.87
416#	-67500	-218000#		0.9		3.3					24.9		36.4		
417#	-67750	-218000#			1.4					19.1		28.7		28.79	35.17
418#	-68000	-218000#		2.4		2.7					23		38.3		
419#	-68250	-218000#	1.9		1.9			1.86	0.96	21.1		32.5		32.94	26.16
420#	-68500	-218000#		0.5		2.7					30.6		45.9		
421#	-68750	-218000#			1.0							44			
422#	-69000	-218000#				1.9							74.7		
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****

GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH = -Y
X,Y,MFN=1,N=2,N=3,N=4,R/2PIN=1,N=2,N=3,N=4
I6.2X.I7.4X..8F5.1

[illegible]

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	#	FREQ. EFFECT				MIXED-P	N=1	N=2	APP. R	ESIST O	HM.M	MIXED-P
*****	X	Y	#	N=1	N=2	N=3	N=4	FRASER	*****	*****	*****	*****
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
44#	43750 -222000#	0.5	3.8		2.45	2.75	11.5		11.5		13.48	16.51
45#	43500 -222000#	2.9	4.3				9.6			17.2		
46#	43250 -222000#	1.0	3.8		2.77	1.91	7.7		13.4		11.01	14.6
47#	43000 -222000#	3.3	1.9				9.6			9.6		
48#	42750 -222000#	1.0	3.8		2.63	2.08	9.6		13.4		11.84	16.99
49#	42500 -222000#	2.4	3.4				9.6			15.3		
50#	42250 -222000#	1.0	2.9		2.15	2.28	11.5		13.4		14.79	15.79
51#	42000 -222000#	1.9					11.5			17.2		
52#	41750 -222000#	0.5	1.9		1.70	1.65	13.4		34.5		18.1	18.18
53#	41500 -222000#	0.5					17.2			24.9		
54#	41250 -222000#	0.5	0.5		1.12	1.67	17.2		28.7		23.29	21.53
55#	41000 -222000#	0.9					24.9					
56#	40750 -222000#	0.5	0.3		1.08	1.37	23		28.7		27.44	27.99
57#	40500 -222000#	1.4	2.4				28.7			30.6		
58#	40250 -222000#	1.4	1.4		1.40	1.26	24.9		30.6		31.03	32.78
59#	40000 -222000#	0.9	1.4				30.6			36.4		
60#	39750 -222000#	1.9	1.0		1.59	1.35	28.7		38.3		35.13	34.22
61#	39500 -222000#	0.9	2.4				36.4			44.0		
62#	39250 -222000#	1.4	2.4		1.51	1.43	24.9		44		36.33	31.82
63#	39000 -222000#	1.4	1.4				32.5			51.7		
64#	38750 -222000#	0.9	1.9		1.35	2.76	24.9		42.1		37.33	39
65#	38500 -222000#	0.5	1.4				36.4			45.9		
66#	38250 -222000#	1.0	1.0		2.18	3.46	23		42.1		39.56	34.22
67#	38000 -222000#	0.9					32.5					
68#	37750 -222000#	1.0	5.3		3.67	2.87	19.1		67		37.25	28.23
69#	37500 -222000#	4.8	10.1				45.9			53.6		
70#	37250 -222000#	3.4	8.1		6.03	2.39	23		44		32.06	24.41
71#	37000 -222000#	6.2	6.7				26.8			19.1		
72#	36750 -222000#	4.8	7.2		6.22	4.79	23		13.4		22.09	32.78
73#	36500 -222000#	3.8					13.4			9.6		
74#	36250 -222000#	3.4	4.8		5.01	6.11	15.3		9.6		15.43	33.02
75#	36000 -222000#	6.2					13.4			9.6		
76#	35750 -222000#	2.4	5.8		4.19	3.29	9.6		17.2		16.35	18.9
77#	35500 -222000#	3.4	4.8				15.3			40.2		
78#	35250 -222000#	1.0	3.8		2.50	2.1	9.6		38.3		20.82	16.27
79#	35000 -222000#	1.4					24.9					
80#	34750 -222000#	1.0	2.4		1.58	2.22	15.3		26.8		24.96	18.18
81#	34500 -222000#	1.0	0.5				19.1			28.7		
82#	34250 -222000#	1.9	0.5		1.42	2.52	15.3		23		22.65	51.68
83#	34000 -222000#	2.4	0.5				19.1			30.6		
84#	33750 -222000#	1.9	1.4		1.65	2.57	34.5		24.9		42.43	47.38
85#	33500 -222000#	1.4	1.0				55.5			34.5		
86#	33250 -222000#	1.4	2.4		2.01	1.68	23		88.1		50.29	42.59
87#	33000 -222000#	2.4	3.4				44			116.8		
88#	32750 -222000#	1.5	3.8		2.48	1.86	38.3		67		65.16	68.43
89#	32500 -222000#	2.4	3.9				68.9			91.9		
90#	32250 -222000#	2.4	3.8		2.88	2.15	45.9		99.5		85.82	89.73
91#	32000 -222000#	2.4					91.9					
92#	31750 -222000#	1.9	2.9		2.63	2.81	68.9		116.8		108.95	108.87
93#	31500 -222000#	2.4	2.4				103.4			158.9		
94#	31250 -222000#	1.9	2.9		2.57	2.58	91.9		155		133.83	111.98

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M				
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
95#	31000	-222000#		3.8		2.8					157		185.7			
96#	30750	-222000#	2.8		2.4			2.67	2.96	122.5		197.2			147.83	148.35
97#	30500	-222000#		2.9		2.4					162.7		126.3			
98#	30250	-222000#	3.4		1.4			2.75	2.82	179.9		111			160.87	159.59
99#	30000	-222000#		2.9		1.5					114.8		147.4			
100#	29750	-222000#	1.4		2.3			2.37	3.56	109.1		166.5			146.59	290.71
101#	29500	-222000#		2.9		3.9					172.3		206.7			
102#	29250	-222000#	3.0		3.9			3.38	2.77	269.9		243.1			282.5	168.68
103#	29000	-222000#		3.2							455.6					
104#	28750	-222000#	1.5		4.1			3.48	3.19	164.6		455.6			277.87	201.7
105#	28500	-222000#		2.8		6.7					218.2		419.2			
106#	28250	-222000#	2.3		5.3			3.94	3.37	145.5		210.6			244.69	273.48
107#	28000	-222000#		4.2		4.4					160.8		294.8			
108#	27750	-222000#	1.9		4.8			3.98	4.37	147.4		254.6			243.18	275.16
109#	27500	-222000#		4.8		4.5					264.2		296.7			
110#	27250	-222000#	4.3		3.8			4.62	5.02	193.3		342.6			272.21	287.36
111#	27000	-222000#		4.8		4.0					298.6		363.7			
112#	26750	-222000#	4.2		6.2			4.80	4.92	302.4		312			314.24	294.54
113#	26500	-222000#		5.9		5.2					344.5		289.0			
114#	26250	-222000#	5.6		5.3			5.39	4.99	348.4		294.8			331.47	332.82
115#	26000	-222000#		5.9							310.1					
116#	25750	-222000#	5.4		4.9			5.40	5.46	268		325.4			321.82	393.36
117#	25500	-222000#		4.9		4.8					327.3		365.6			
118#	25250	-222000#	4.7		5.8			5.29	4.74	388.6		386.7			401.17	312.96
119#	25000	-222000#		5.5		6.6					499.6		440.3			
120#	24750	-222000#	3.2		6.0			4.71	4.36	356		545.5			395.95	357.94
121#	24500	-222000#		3.9		5.9					438.3		344.5			
122#	24250	-222000#	5.1		4.8			4.76	4.48	562.8		283.3			417.16	349.81
123#	24000	-222000#		3.7		4.2					340.7		264.2			
124#	23750	-222000#	3.8		4.2			4.17	4.67	271.8		302.4			292.94	468.73
125#	23500	-222000#		4.3		3.7					266.1		308.2			
126#	23250	-222000#	2.9		3.7			3.79	4.14	319.7		287.1			345.82	311.53
127#	23000	-222000#		3.4							373.3					
128#	22750	-222000#	2.8		4.8			3.70	3.15	199.1		476.6			336.49	245.97
129#	22500	-222000#		3.9		4.7					325.4		593.4			
130#	22250	-222000#	2.0		4.3			3.21	2.4	151.2		426.9			294.14	198.35
131#	22000	-222000#		2.8		3.9					252.7		300.5			
132#	21750	-222000#	1.4		3.0			2.33	3.55	114.8		197.2			209.2	317.75
133#	21500	-222000#		1.4		1.9					99.5		214.4			
134#	21250	-222000#			1.4							114.8				
135#	21000	-222000#			1.4								90.0			
136#	4250	-222000#	3.8					2.84	2.53	45.9					88.53	133.03
137#	4000	-222000#		3.3							72.7					
138#	3750	-222000#	2.9		2.9			2.33	2.5	28.7		84.2			64.6	75.85
139#	3500	-222000#		1.0		2.9					47.9		103.4			
140#	3250	-222000#	1.4		1.4			2.19	2.52	26.8		61.3			55.51	49.29
141#	3000	-222000#		2.4							45.9					
142#	2750	-222000#	0.5		3.3			2.16	1.79	26.8		49.8			47.38	44.74
143#	2500	-222000#		2.4		3.3					34.5		63.2			
144#	2250	-222000#	1.9		3.4			2.43	1.97	23		51.7			39.24	49.05
145#	2000	-222000#		2.4		2.9					42.1		38.3			

*****	*****							*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
146#	1750	-222000#	2.4	1.9		2.35		2.88	23		34.5		38.08	41.39	
147#	1500	-222000#		1.9	1.4					23		49.8			
148#	1250	-222000#	1.9	1.4		2.33		2.82	19.1		36.4		35.41	50.49	
149#	1000	-222000#		2.9	2.9					26.8		72.7			
150#	750	-222000#	1.9	3.8		2.54		2.81	30.6		55.5		47.38	38.28	
151#	500	-222000#		3.4	3.4					61.3		61.3			
152#	250	-222000#	2.9	2.4		3.22		3.05	30.6		68.9		51.76	50.72	
153#	0	-222000#		2.9						36.4					
154#	-250	-222000#	2.4	3.3		3.49		3.59	42.1		49.8		56.95	68.19	
155#	-500	-222000#		4.3	4.8					55.5		74.7			
156#	-750	-222000#	3.4	4.8		4.09		3.41	59.3		93.8		72.82	54.31	
157#	-1000	-222000#		3.8	5.2					114.8		70.8			
158#	-1250	-222000#	3.8	3.3		4.19		3.99	74.7		97.6		75.89	49.29	
159#	-1500	-222000#		4.3	5.3					67		53.6			
160#	-1750	-222000#	4.3	4.3		4.36		4.2	44		40.2		51.96	71.78	
161#	-2000	-222000#		4.8	3.8					30.6		44.0			
162#	-2250	-222000#	4.8	3.8		4.34		3.58	30.6		36.4		41.95	60.53	
163#	-2500	-222000#		4.0						42.1		59.3			
164#	-2750	-222000#	3.4	2.9		3.26		3.7	28.7		68.9		46.42	34.69	
165#	-3000	-222000#		1.9						45.9					
166#	-3250	-222000#	1.4	3.3		2.47		2.89	19.1		49.8		41.55	34.22	
167#	-3500	-222000#		2.9	2.9					21.1		80.4			
168#	-3750	-222000#	1.4	3.3		2.39		1.38	17.2		40.2		34.85	46.42	
169#	-4000	-222000#		1.9	2.9					34.5		42.1			
170#	-4250	-222000#	0.5	2.4		1.59		1.8	32.5		32.5		40.95	47.61	
171#	-4500	-222000#		0.9	2.4					36.4		38.3			
172#	-4750	-222000#	0.9	0.5		1.34		1.92	24.9		49.8		41.67	65.56	
173#	-5000	-222000#		1.0	1.4					42.1		59.3			
174#	-5250	-222000#	1.0	1.0		1.25		2.14	45.9		57.4		61.73	54.07	
175#	-5500	-222000#		1.0	1.9					80.4		84.2			
176#	-5750	-222000#	1.5	2.0		1.79		1.98	44		130.2		72.98	50.49	
177#	-6000	-222000#		1.9						78.5					
178#	-6250	-222000#	1.9	2.8		2.47		2.51	45.9		74.7		70.9	53.36	
179#	-6500	-222000#		2.9	3.8					49.8		99.5			
180#	-6750	-222000#	2.9	3.3		3.38		2.03	34.5		70.8		55.19	78.48	
181#	-7000	-222000#		4.8	2.9					53.6		61.3			
182#	-7250	-222000#	3.4	4.8		3.20		3.17	53.6		51.7		62.97	61.25	
183#	-7500	-222000#		1.9	2.8					61.3		45.9			
184#	-7750	-222000#	4.3	1.9		3.21		3.58	36.4		57.4		56.75	83.03	
185#	-8000	-222000#		3.8	1.4					36.4		116.8			
186#	-8250	-222000#	3.3	2.9		2.97		2.75	47.9		82.3		73.54	56.71	
187#	-8500	-222000#		3.4	2.9					109.1		88.1			
188#	-8750	-222000#	1.9	2.9		2.34		2.57	44		130.2		78.32	50.01	
189#	-9000	-222000#		1.9						55.5					
190#	-9250	-222000#	2.4	1.9		2.27		2.22	36.4		78.5		63.41	71.54	
191#	-9500	-222000#		1.9	2.4					61.3		65.1			
192#	-9750	-222000#	2.4	1.4		2.11		2.34	59.3		45.9		59.66	64.36	
193#	-10000	-222000#		1.9	2.9					53.6		68.9			
194#	-10250	-222000#	1.9	1.9		1.99		2.14	38.3		38.3		49.33	89.73	
195#	-10500	-222000#		0.9	1.9					28.7		68.9			
196#	-10750	-222000#	0.5	2.9		1.78		2.1	38.3		55.5		64.4	55.99	

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ.	EFFECT										
No	X	Y	# N=1 N=2 N=3 N=4 FRASER	MIXED-P	N=1	N=2	N=3	APP. R	ESIST O	N=4	HM.M	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
197#	-11000	-222000#	1.9 2.9			86.1				82.3			
198#	-11250	-222000#	2.4 2.9 2.41	1.91	38.3		126.3				73.93	46.9	
199#	-11500	-222000#	2.4 2.8			68.9				134.0			
200#	-11750	-222000#	1.9 1.9 2.35	2.51	42.1		72.7				68.83	68.91	
201#	-12000	-222000#	2.4			44							
202#	-12250	-222000#	3.3 2.9 2.66	2.64	49.8		55.5				68.27	84.22	
203#	-12500	-222000#	2.4 1.9			59.3				59.3			
204#	-12750	-222000#	2.4 2.4 2.54	2.74	65.1		68.9				76.57	73.93	
205#	-13000	-222000#	1.9 2.9			74.7				124.4			
206#	-13250	-222000#	2.9 3.3 2.76	2.32	49.8		132.1				77.24	129.2	
207#	-13500	-222000#	3.4 3.4			91.9				82.3			
208#	-13750	-222000#	1.4 2.9 2.47	2.33	107.2		61.3				117.96	92.84	
209#	-14000	-222000#	2.4 2.4			88.1				88.1			
210#	-14250	-222000#	2.9 2.3 2.62	2.21	49.8		260.3				122.35	140.21	
211#	-14500	-222000#	2.3 2.4			229.7				199.1			
212#	-14750	-222000#	1.5 2.4 1.96	2.27	72.7		151.2				162.3	74.41	
213#	-15000	-222000#	1.9			185.7							
214#	-15250	-222000#	1.9 1.4 1.87	2.06	63.2		155				125.14	158.4	
215#	-15500	-222000#	1.9 2.0			49.8				252.7			
216#	-15750	-222000#	1.9 1.4 1.81	2.35	84.2		84.2				127.13	196.92	
217#	-16000	-222000#	1.5 1.4			114.8				116.8			
218#	-16250	-222000#	0.5 2.3 1.80	2.92	135.9		160.8				179.49	129.44	
219#	-16500	-222000#	2.0 2.3			195.2				256.5			
220#	-16750	-222000#	2.4 4.0 2.82	2.35	126.3		331.1				190.66	173.71	
221#	-17000	-222000#	3.2 3.8			216.3				313.9			
222#	-17250	-222000#	3.3 3.8 3.58	3.14	193.3		212.5				215.58	166.77	
223#	-17500	-222000#	4.2 4.3			233.5				95.7			
224#	-17750	-222000#	4.3 3.8 4.18	3.7	155		122.5				182.48	246.92	
225#	-18000	-222000#	4.8			99.5							
226#	-18250	-222000#	4.3 4.3 4.22	3.74	101.4		214.4				180.01	198.83	
227#	-18500	-222000#	4.2 3.7			262.2				266.1			
228#	-18750	-222000#	3.3 4.4 3.72	3.35	149.3		312				212.55	90.44	
229#	-19000	-222000#	3.3 3.9			176.1				302.4			
230#	-19250	-222000#	2.4 3.3 3.01	2.78	70.8		164.6				146.99	150.5	
231#	-19500	-222000#	1.9 3.9			68.9				185.7			
232#	-19750	-222000#	2.4 2.9 2.65	3.28	70.8		72.7				111.9	172.75	
233#	-20000	-222000#	2.9 2.4			82.3				91.9			
234#	-20250	-222000#	2.4 2.4 2.69	2.76	63.2		114.8				100.65	125.14	
235#	-20500	-222000#	2.9 1.4			93.8				155.0			
236#	-20750	-222000#	2.9 3.3 2.63	2.76	47.9		134				96.82	94.51	
237#	-21000	-222000#	2.9			70.8							
238#	-21250	-222000#	1.9 2.4 2.40	2.79	49.8		120.6				97.22	85.9	
239#	-21500	-222000#	2.4 2.3			88.1				155.0			
240#	-21750	-222000#	2.4 2.9 2.66	2.45	55.5		124.4				93.16	90.68	
241#	-22000	-222000#	2.8 2.9			91.9				90.0			
242#	-22250	-222000#	1.9 3.6 2.61	2.98	63.2		74.7				88.33	94.03	
243#	-22500	-222000#	2.8 2.9			63.2				116.8			
244#	-22750	-222000#	2.4 2.4 2.95	2.94	53.6		101.4				83.31	98.58	
245#	-23000	-222000#	3.8 2.9			107.2				88.1			
246#	-23250	-222000#	3.1 2.8 3.35	3.14	61.3		101.4				86.22	64.36	
247#	-23500	-222000#	4.3 3.8			63.2				112.9			

*****	*****						*****	*****	*****	*****	*****	*****	*****		
#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
248#	-23750	-222000#	3.3		3.8		3.46		3.27	38.3		74.7		67.23	102.17
249#	-24000	-222000#		3.3							49.8				
250#	-24250	-222000#	2.4		3.3		3.29		3.4	63.2		63.2		84.3	88.05
251#	-24500	-222000#		2.9		3.4					93.8		82.3		
252#	-24750	-222000#	2.9		3.4		3.40		3.04	51.7		124.4		93	77.28
253#	-25000	-222000#		2.9		5.2					78.5		149.3		
254#	-25250	-222000#	1.4		4.8		3.00		3.87	51.7		101.4		91.12	84.46
255#	-25500	-222000#		3.3		3.3					70.8		181.8		
256#	-25750	-222000#	7.6		2.8		4.74		4.65	120.6		128.2		106.63	95.23
257#	-26000	-222000#		2.9		3.3					74.7		67.0		
258#	-26250	-222000#	4.1		6.4		5.18		4.29	88.1		111		107.51	78.72
259#	-26500	-222000#		17.3		2.4					181.8		80.4		
260#	-26750	-222000#	3.4		1.4		5.09		2.59	24.9		72.7		72.34	105.04
261#	-27000	-222000#		2.9							53.6				
262#	-27250	-222000#	0.5		2.4		2.07		4.82	61.3		51.7		72.34	73.69
263#	-27500	-222000#		1.9		4.8					70.8		57.4		
264#	-27750	-222000#	1.4		2.4		2.27		1.61	26.8		86.1		60.53	74.89
265#	-28000	-222000#		1.9		2.8					34.5		149.3		
266#	-28250	-222000#	0.5		2.8		1.89		2.16	32.5		63.2		68.03	63.41
267#	-28500	-222000#		1.9		1.9					72.7		80.4		
268#	-28750	-222000#	1.9		2.4		2.13		2.93	38.3		95.7		74.05	63.41
269#	-29000	-222000#		1.9		0.9					57.4		130.2		
270#	-29250	-222000#	2.9		2.9		2.49		2.55	57.4		82.3		80.08	102.41
271#	-29500	-222000#		3.4		2.4					84.2		90.0		
272#	-29750	-222000#	1.9		2.8		2.50		2.33	78.5		97.6		102.81	94.51
273#	-30000	-222000#		2.4							109.1				
274#	-30250	-222000#	1.4		2.9		2.40		2.46	70.8		151.2		110.38	117
275#	-30500	-222000#		1.9		3.8					116.8		157.0		
276#	-30750	-222000#	2.8		2.4		2.77		1.8	101.4		135.9		132.71	89.25
277#	-31000	-222000#		2.4		3.8					135.9		141.6		
278#	-31250	-222000#	1.0		2.4		2.02		1.77	61.3		151.2		110.94	101.21
279#	-31500	-222000#		1.4		2.9					84.2		172.3		
280#	-31750	-222000#	1.5		2.4		1.88		2.22	72.7		105.3		100.65	105.52
281#	-32000	-222000#		2.3		0.5					93.8		95.7		
282#	-32250	-222000#	2.4		1.9		1.79		1.62	63.2		90		87.65	100.01
283#	-32500	-222000#		1.4		0.5					65.1		91.9		
284#	-32750	-222000#	1.4		0.5		1.04		1.68	49.8		68.9		76.81	97.86
285#	-33000	-222000#		0.5							55.5				
286#	-33250	-222000#	0.5		0.5		0.70		1.55	36.4		128.2		80	78.48
287#	-33500	-222000#		1.0		1.4					99.5		116.8		
288#	-33750	-222000#	1.0		0.5		1.26		0.6	61.3		95.7		90.76	62.93
289#	-34000	-222000#		1.4		1.4					65.1		116.8		
290#	-34250	-222000#	0.5		2.4		1.09		1.62	38.3		76.6		72.62	93.79
291#	-34500	-222000#		0.9		2.4					49.8		124.4		
292#	-34750	-222000#	1.9		0.9		1.68		1.3	44		86.1		77.8	79.2
293#	-35000	-222000#		1.9		0.5					99.5		76.6		
294#	-35250	-222000#	1.9		1.9		1.74		2.43	63.2		91.9		83.19	94.99
295#	-35500	-222000#		1.9		2.4					59.3		112.9		
296#	-35750	-222000#	2.4		1.4		2.32		2.57	61.3		78.5		91	128.49
297#	-36000	-222000#		2.4							95.7				
298#	-36250	-222000#	1.9		3.3		2.87		2.53	80.4		101.4		126.73	147.39

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
#	FREQ. EFFECT										APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
299#	-36500	-222000#		3.4	4.7						109.1		214.4		
300#	-36750	-222000#	2.4		4.4			3.44	2.37	80.4		256.5		175.06	165.33
301#	-37000	-222000#		3.4		3.8					210.6		208.6		
302#	-37250	-222000#	2.3		2.9			3.23	2.68	137.8		195.2		216.82	121.55
303#	-37500	-222000#		2.9		4.8					143.6		403.9		
304#	-37750	-222000#	1.9		3.2			2.71	3.56	65.1		319.7		180.37	237.11
305#	-38000	-222000#		2.4		2.5					149.3		354.1		
306#	-38250	-222000#	2.9		2.4			2.95	2.82	260.3		183.8		265.19	156
307#	-38500	-222000#		2.7		2.8					342.6		141.6		
308#	-38750	-222000#	2.4		3.4			2.68	3.05	185.7		260.3		211.35	243.34
309#	-39000	-222000#		2.0							151.2				
310#	-39250	-222000#	3.0		3.4			2.85	2.76	174.2		178		184.48	225.15
311#	-39500	-222000#		2.5		3.4					248.8		120.6		
312#	-39750	-222000#	2.4		2.9			2.91	2.7	170.4		160.8		183.76	178.97
313#	-40000	-222000#		3.9		2.8					134		229.7		
314#	-40250	-222000#	3.3		3.0			2.98	2.69	95.7		212.5		159.75	177.54
315#	-40500	-222000#		1.9		2.8					168.4		218.2		
316#	-40750	-222000#	2.9		2.4			2.67	2.88	99.5		185.7		166.77	123.7
317#	-41000	-222000#		2.9		2.8					124.4		254.6		
318#	-41250	-222000#	2.4		2.9			2.45	2.21	74.7		181.8		150.5	171.32
319#	-41500	-222000#		1.9		2.3					126.3		208.6		
320#	-41750	-222000#	1.9		1.9			2.04	2.5	91.9		157		158.16	147.39
321#	-42000	-222000#		1.5							124.4				
322#	-42250	-222000#	1.9		1.8			2.06	2.21	67		202.9		147.39	196.2
323#	-42500	-222000#		2.4		1.9					124.4		241.2		
324#	-42750	-222000#	2.9		2.3			2.26	1.85	90		166.5		182.08	172.03
325#	-43000	-222000#		1.5		2.8					149.3		218.2		
326#	-43250	-222000#	1.9		1.9			1.94	2.4	91.9		208.6		192.33	210.56
327#	-43500	-222000#		2.4		1.9					143.6		467.1		
328#	-43750	-222000#	1.5		1.4			2.03	2.1	112.9		340.7		223.76	174.43
329#	-44000	-222000#		2.9		1.5					285.2		243.1		
330#	-44250	-222000#	2.9		1.9			2.32	2.26	172.3		210.6		244.53	176.34
331#	-44500	-222000#		1.8		3.0					132.1		329.2		
332#	-44750	-222000#	2.4		2.4			2.23	2.1	157		201		193.97	291.91
333#	-45000	-222000#		2.3							208.6				
334#	-45250	-222000#	2.0		2.4			2.29	1.98	287.1		266.1		254.82	145.47
335#	-45500	-222000#		2.5		2.4					417.3		95.7		
336#	-45750	-222000#	2.0		1.4			2.13	2.36	199.1		139.7		183.68	234
337#	-46000	-222000#		1.9							63.2		225.9		
338#	-46250	-222000#	2.4		1.9			2.17	2.3	111		68.9		142.6	294.14
339#	-46500	-222000#		1.9		2.4					212.5		90.0		
340#	-46750	-222000#			2.4							222			
341#	-47000	-222000#				2.4							300.5		
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****

AFT ER THE FRAISER AND MIXED-PLOT FILTERES

ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH = -Y
X,Y,MFN=1,N=2,N=3,N=4,R/2PIN=1,N=2,N=3,N=4
I6,2X,I7,4X,,8F5.1

#NAME?

*****	*****					*****	*****	*****	*****	*****	*****	*****			
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****					*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	38750	-230000#	1.9		1.0					5.7		9.6			
2#	38500	-230000#		1.9							7.7		19.1		
3#	38250	-230000#	0.5		0.5					6.5		9.6			
4#	38000	-230000#		9.5							82.3				
5#	37750	-230000#	1.4		1.9					6.9		9.2			
6#	37500	-230000#		1.0		2.9					7.5		21.1		
7#	37250	-230000#	0.9		2.0			2.07	3.41	5.7		17.2			16.69 27.42
8#	37000	-230000#		1.9			3.8				11.5		38.3		
9#	36750	-230000#	1.4		3.8			2.69	2.8	7.7		30.6			21.25 18.35
10#	36500	-230000#		3.4			3.4				21.1		38.3		
11#	36250	-230000#	2.9		4.3			3.60	2.81	13.4		30.6			25.64 39.24
12#	36000	-230000#		3.8			3.4				21.1		42.1		
13#	35750	-230000#	3.8		5.2			3.84	3.18	51.7		32.5			49.05 65.32
14#	35500	-230000#		3.3			3.4				91.9		28.7		
15#	35250	-230000#	1.0		4.3			3.03	2.93	97.6		91.9			84.38 68.67
16#	35000	-230000#		3.4							130				
17#	34750	-230000#	1.9		3.3			2.74	2.32	86.1		95.7			94.27 87.09
18#	34500	-230000#		1.9			3.8				88.1		95.7		
19#	34250	-230000#	1.4		1.9			1.98	2.03	40.2		99.5			92.04 82.55
20#	34000	-230000#		1.4			2.4				68.9		134.0		
21#	33750	-230000#	0.9		1.0			1.35	1.39	28.7		135.9			85.54 63.41
22#	33500	-230000#		0.5			1.9				53.6		187.6		
23#	33250	-230000#	0.5		0.4			0.85	1.97	17.2		109.1			74.65 62.93
24#	33000	-230000#		0.5			1.5				40.2		132.1		
25#	32750	-230000#	0.9		0.5			1.07	1.38	21.1		53.6			66.92 72.98
26#	32500	-230000#		1.4			1.5				34.5		86.1		
27#	32250	-230000#	0.9		1.4			1.34	1.84	21.1		59.3			57.42 90.92
28#	32000	-230000#		1.0							42.1				
29#	31750	-230000#	2.8		2.9			2.30	1.26	128		143.6			90.2 56.71
30#	31500	-230000#		3.8			1.9				136		36.4		
31#	31250	-230000#	2.9		2.9			2.22	1.5	82.3		42.1			73.46 67.95
32#	31000	-230000#		0.5			1.5				30.6		63.2		
33#	30750	-230000#	0.5		1.4			1.23	3.13	28.7		51.7			45.78 251.95
34#	30500	-230000#		1.5			1.0				63.2		47.9		
35#	30250	-230000#	2.9		1.4			2.22	1.45	130		65.1			135.55 47.38
36#	30000	-230000#		2.8			1.9				165		70.8		
37#	29750	-230000#	1.4		2.9			1.84	2.35	28.7		210.6			124.9 95.95
38#	29500	-230000#		1.0			3.4				42.1		574.2		
39#	29250	-230000#	1.4		1.5			2.22	2.16	28.7		134			135.11 87.33
40#	29000	-230000#		2.0							103				
41#	28750	-230000#	1.0		2.9			2.47	2.23	65.1		179.9			147.31 74.17
42#	28500	-230000#		2.0			5.3				109		147.4		
43#	28250	-230000#	1.5		4.3			2.82	3.07	44		105.3			88.77 203.86

*****	*****						*****	*****	*****	*****	*****	*****				
	#	FREQ. EFFECT							APP. R	ESIST O	HM.M					
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****															
44#	28000	-230000#		2.9		3.4					53.6		112.9			
45#	27750	-230000#	4.3		2.9			3.92	4.03	121		68.9			125.85	266.07
46#	27500	-230000#		4.3		3.4					159		74.7			
47#	27250	-230000#	4.8		3.9			4.48	4.81	220		193.3			225.03	145
48#	27000	-230000#		5.2		4.2					287		281.4			
49#	26750	-230000#	5.3		6.6			5.04	4.68	123		438.3			232.17	192.85
50#	26500	-230000#		6.3		4.7					224		424.9			
51#	26250	-230000#	5.8		4.8			5.50	5.36	167		239.3			260.8	259.85
52#	26000	-230000#		5.3							190					
53#	25750	-230000#	5.7		5.8			5.72	5.98	239		338.8			305.23	345.26
54#	25500	-230000#		7.1		5.2					417		287.1			
55#	25250	-230000#	6.3		6.7			6.21	4.88	448		304.3			393.84	296.21
56#	25000	-230000#		6.2		5.7					364		440.3			
57#	24750	-230000#	5.7		6.7			5.60	5.56	287		478.5			341.2	468.01
58#	24500	-230000#		5.6		5.8					371		361.8			
59#	24250	-230000#	6.9		3.8			5.53	5.89	628		268			464.42	316.07
60#	24000	-230000#		5.0		3.5					415		350.3			
61#	23750	-230000#	6.6		4.9			5.32	5.41	316		539.8			369.91	434.27
62#	23500	-230000#		5.6		4.3					373		478.5			
63#	23250	-230000#	5.2		5.9			4.85	4.45	327		310.1			383.07	263.91
64#	23000	-230000#		4.7							295					
65#	22750	-230000#	3.4		4.1			4.07	3.72	109		455.6			270.13	296.21
66#	22500	-230000#		3.9		4.3					216		478.5			
67#	22250	-230000#	1.5		3.4			3.02	3.49	170		258.4			244.37	211.99
68#	22000	-230000#		2.3		3.8					258		166.5			
69#	21750	-230000#	2.3		3.8			2.81	2.66	130		187.6			185.99	195.48
70#	21500	-230000#		2.5		2.9					123		162.7			
71#	21250	-230000#	2.4		1.9			2.59	2.44	90		120.6			129.68	224.91
72#	21000	-230000#		2.0		2.9					115		130.2			
73#	20750	-230000#	1.0		2.4			1.74	2.1	40.2		134			101.37	92.12
74#	20500	-230000#		0.9		2.5					59.3		191.4			
75#	20250	-230000#	1.4		1.0			1.48	1.75	21.1		95.7			72.5	76.57
76#	20000	-230000#		1.0							34.5					
77#	19750	-230000#	1.4		0.9			1.39	1.8	23		49.8			57.74	66.76
78#	19500	-230000#		1.4		1.0					38.3		65.1			
79#	19250	-230000#	0.9		1.9			1.37	1.69	28.7		49.8			46.1	68.19
80#	19000	-230000#		1.0		1.5					42.1		63.2			
81#	18750	-230000#	0.9		2.4			1.60	1.8	28.7		61.3			48.09	59.34
82#	18500	-230000#		1.9		2.4					47.9		57.4			
83#	18250	-230000#	2.9		1.9			2.30	1.68	28.7		49.8			51.68	51.44
84#	18000	-230000#		1.9		2.8					38.3		74.7			
85#	17750	-230000#	2.9		2.4			2.44	2.01	23		61.3			53.6	48.33
86#	17500	-230000#		2.9		2.0					42.1		114.8			
87#	17250	-230000#	1.4		1.9			2.06	2.19	24.9		95.7			56.63	36.37
88#	17000	-230000#		1.9							68.9					
89#	16750	-230000#	2.1		2.4			2.03	2.45	26.8		36.4			49.21	47.85
90#	16500	-230000#		1.9		1.7					17.2		55.5			
91#	16250	-230000#	2.9		2.9			2.35	1.71	13.4		28.7			34.61	80.15
92#	16000	-230000#		2.3		1.4					24.9		49.8			
93#	15750	-230000#	0.9		2.9			1.70	2.16	23		53.6			52.76	30.87
94#	15500	-230000#		0.9		1.9					55.5		88.1			

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT							APP. R	ESIST O	HM.M				
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	
95#	15250	-230000#	1.0	1.0		1.62			2.09	13.4		95.7		52.08	40.91
96#	15000	-230000#		0.9	2.9						28.7		160.8		
97#	14750	-230000#	1.4	3.4		2.05			1.55	26.8		53.6		59.18	46.42
98#	14500	-230000#		2.9	2.4						67		42.1		
99#	14250	-230000#	1.9	2.9		2.21			1.68	44		45.9		59.26	66.04
100#	14000	-230000#		1.4							42.1				
101#	13750	-230000#	2.4	1.0		2.01			2.05	47.9		47.9		56.07	109.82
102#	13500	-230000#		1.9	1.9						47.9		65.1		
103#	13250	-230000#	1.5	2.8		1.54			1.51	38.3		70.8		86.93	86.85
104#	13000	-230000#		1.4	1.0						70.8		122.5		
105#	12750	-230000#	0.9	1.0		1.17			1.2	28.7		137.8		102.25	67.95
106#	12500	-230000#		0.5	1.5						63.2		306.3		
107#	12250	-230000#	0.5	0.5		0.81			1.6	19.1		168.4		107.03	55.27
108#	12000	-230000#		0.9	1.0						72.7		256.5		
109#	11750	-230000#	1.4	0.9		1.16			1.32	30.6		134		108.39	78.96
110#	11500	-230000#		0.5	1.5						63.2		91.9		
111#	11250	-230000#	0.9	1.9		1.34			1.76	67		47.9		89.01	139.01
112#	11000	-230000#		1.0							40.2				
113#	10750	-230000#	1.5	2.4		2.03			1.79	63.2		78.5		91.24	121.55
114#	10500	-230000#		2.4	3.3						105		103.4		
115#	10250	-230000#	2.4	2.9		2.65			1.81	59.3		143.6		110.38	59.58
116#	10000	-230000#		2.0	2.9						97.6		222.0		
117#	9750	-230000#	1.4	3.3		2.33			2.41	34.5		172.3		92.96	104.8
118#	9500	-230000#		1.9	3.3						68.9		122.5		
119#	9250	-230000#	2.4	2.4		2.53			2.45	74.7		51.7		100.33	96.9
120#	9000	-230000#		2.4	2.9						65.1		78.5		
121#	8750	-230000#	2.4	2.4		2.47			2.68	51.7		107.2		89.49	115.09
122#	8500	-230000#		2.4	2.4						91.9		174.2		
123#	8250	-230000#	2.4	1.9		2.47			2.53	57.4		149.3		100.17	69.63
124#	8000	-230000#		1.4							115				
125#	7750	-230000#	2.6	3.8		2.48			2.7	57.4		114.8		93.16	86.38
126#	7500	-230000#		2.4	3.3						61.3		95.7		
127#	7250	-230000#	2.9	2.9		2.87			2.67	53.6		51.7		78.4	131.36
128#	7000	-230000#		3.3	1.9						55.5		95.7		
129#	6750	-230000#	2.9	2.8		3.01			3.22	53.6		118.7		97.74	106
130#	6500	-230000#		3.3	2.4						134		128.2		
131#	6250	-230000#	2.4	3.4		2.95			2.87	82.3		168.4		119.79	71.54
132#	6000	-230000#		3.3	3.4						95.7		199.1		
133#	5750	-230000#	1.9	3.3		2.79			2.79	51.7		122.5		106.63	111.98
134#	5500	-230000#		2.4	3.8						70.8		158.9		
135#	5250	-230000#	2.8	2.8		2.97			2.44	72.7		97.6		112.7	132.08
136#	5000	-230000#		2.4							115				
137#	4750	-230000#	1.4	3.8		2.43			2.65	95.7		130.2		131.2	151.94
138#	4500	-230000#		1.9	2.8						128		147.4		
139#	4250	-230000#	2.0	1.9		2.37			2.6	97.6		155		155.44	182.56
140#	4000	-230000#		1.5	3.3						123		233.5		
141#	3750	-230000#	1.5	2.9		2.27			2.96	97.6		208.6		186.99	223
142#	3500	-230000#		2.5	2.9						176		321.6		
143#	3250	-230000#	2.0	2.9		2.72			2.43	123		290.9		238.31	210.08
144#	3000	-230000#		2.4	3.4						241		428.8		
145#	2750	-230000#	2.0	3.3		2.92			3.45	224		367.5		315.12	274.68

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
146#	2500	-2300000#			3.3		4.2				408		348.4		
147#	2250	-2300000#	3.5		3.8		3.78		3.81	385		379		382.75	275.88
148#	2000	-2300000#		3.7							463				
149#	1750	-2300000#	3.4		4.9		4.40		4.4	343		256.5		330.03	344.79
150#	1500	-2300000#		4.8		4.9					230		352.2		
151#	1250	-2300000#	3.8		5.4		5.06		4.62	209		336.9		272.45	301
152#	1000	-2300000#		4.8		6.6					345		220.1		
153#	750	-2300000#	3.8		6.8		5.30		5.01	190		243.1		254.3	171.56
154#	500	-2300000#		5.7		6.3					144		373.3		
155#	250	-2300000#	4.3		6.2		5.56		4.79	74.7		222		171.08	251.95
156#	0	-2300000#		5.2		6.1					119		319.7		
157#	-250	-2300000#	4.3		5.7		5.27		5.16	103		166.5		178.81	133.99
158#	-500	-2300000#		4.3		5.7					161		158.9		
159#	-750	-2300000#	3.4		5.8		4.69		4.74	78.5		176.1		137.98	167.73
160#	-1000	-2300000#		3.9							91.9				
161#	-1250	-2300000#	3.4		4.8		4.38		3.95	84.2		116.8		120.59	184.48
162#	-1500	-2300000#		4.3		5.8					123		103.4		
163#	-1750	-2300000#	2.1		4.3		3.57		3.84	123		126.3		148.51	160.07
164#	-2000	-2300000#		2.9		3.8					130		191.4		
165#	-2250	-2300000#	2.0		3.3		3.19		3.41	103		220.1		163.26	161.98
166#	-2500	-2300000#		2.9		3.9					159		277.6		
167#	-2750	-2300000#	2.4		2.8		3.06		3.65	95.7		237.4		181.37	115.09
168#	-3000	-2300000#		2.3		4.3					167		269.9		
169#	-3250	-2300000#	2.4		3.7		3.07		2.75	82.3		220.1		171.95	164.86
170#	-3500	-2300000#		2.8		3.8					128		225.9		
171#	-3750	-2300000#	2.0		3.3		2.84		2.65	115		143.6		167.41	187.11
172#	-4000	-2300000#		2.4							149				
173#	-4250	-2300000#	2.4		2.9		2.56		3.35	126		206.7		164.7	154.57
174#	-4500	-2300000#		2.0		2.4					165		181.8		
175#	-4750	-2300000#	2.4		1.5		2.77		3.47	124		164.6		148.51	129.92
176#	-5000	-2300000#		1.5							124				
177#	-5250	-2300000#	0.5		4.3		2.94		3.31	78.5		101.4		114.53	151.46
178#	-5500	-2300000#		4.8		5.8					70.8		153.1		
179#	-5750	-2300000#	3.8		5.8		4.40		2.21	57.4		112.9		106.87	134.95
180#	-6000	-2300000#		3.8		4.8					105		132.1		
181#	-6250	-2300000#	3.3		3.8		3.97		3.77	72.7		139.7		120.83	82.79
182#	-6500	-2300000#		3.3		3.9					107		206.7		
183#	-6750	-2300000#	3.3		2.9		3.46		4.38	55.5		168.4		108.55	99.54
184#	-7000	-2300000#		2.4							90				
185#	-7250	-2300000#	3.4		3.8		3.59		4.12	74.7		99.5		104.24	91.64
186#	-7500	-2300000#		3.9		3.8					91.9		93.8		
187#	-7750	-2300000#	3.4		3.8		4.11		3.72	65.1		95.7		81.91	111.26
188#	-8000	-2300000#		4.3		5.3					74.7		90.0		
189#	-8250	-2300000#	3.8		5.3		4.34		4.54	65.1		74.7		80.87	76.33
190#	-8500	-2300000#		4.3		4.8					74.7		84.2		
191#	-8750	-2300000#	5.3		4.8		5.05		4.68	42.1		88.1		71.1	69.87
192#	-9000	-2300000#		5.7		4.3					55.5		122.5		
193#	-9250	-2300000#	4.8		5.7		5.26		5.23	30.6		80.4		64.04	61.49
194#	-9500	-2300000#		6.7		4.3					49.8		88.1		
195#	-9750	-2300000#	6.7		6.2		5.67		4.84	28.7		55.5		58.94	63.41
196#	-10000	-2300000#		4.8							36.4				

*****	*****						*****	*****	*****	*****	*****	*****			
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
197#	-10250	-230000#	4.8		4.8			4.88	5.32	26.8		65.1		56.15	76.57
198#	-10500	-230000#		4.8		5.3					55.5		80.4		
199#	-10750	-230000#	4.3		4.8			4.73	4.66	45.9		72.7		70.98	67
200#	-11000	-230000#		5.3		4.3					67		93.8		
201#	-11250	-230000#	3.8		4.8			4.46	4.23	49.8		90		77.32	89.49
202#	-11500	-230000#		3.3		4.7					70.8		128.2		
203#	-11750	-230000#	3.3		4.8			4.01	4.69	57.4		103.4		90.72	72.74
204#	-12000	-230000#		3.3		5.3					103		105.3		
205#	-12250	-230000#	3.9		4.7			4.30	4.48	59.3		112.9		94.19	73.93
206#	-12500	-230000#		4.3		4.3					74.7		137.8		
207#	-12750	-230000#	4.8		4.8			4.80	4.6	44		97.6		80.55	85.9
208#	-13000	-230000#		4.8							67				
209#	-13250	-230000#	5.3		5.3			4.99	4.96	44		78.5		76.41	75.85
210#	-13500	-230000#		4.8		5.3					63.2		90.0		
211#	-13750	-230000#	5.3		4.8			5.13	4.6	34.5		76.6		67.63	86.14
212#	-14000	-230000#		5.3		5.2					47.9		109.1		
213#	-14250	-230000#	4.3		5.7			4.74	4.37	36.4		74.7		72.5	66.28
214#	-14500	-230000#		4.3		4.3					65.1		112.9		
215#	-14750	-230000#	4.3		4.4			4.38	4.68	40.2		101.4		77	68.19
216#	-15000	-230000#		3.8		4.8					70.8		139.7		
217#	-15250	-230000#	3.8		3.8			4.07	4.78	47.9		97.6		81.35	69.39
218#	-15500	-230000#		3.9		3.9					90		72.7		
219#	-15750	-230000#	3.8		4.8			4.31	4.25	70.8		67		79.2	77.52
220#	-16000	-230000#		4.8							61.3				
221#	-16250	-230000#	4.3		5.3			4.53	4.67	47.9		65.1		64.92	103.12
222#	-16500	-230000#		4.3		4.8					61.3		68.9		
223#	-16750	-230000#	5.3		5.3			5.01	4.66	51.7		74.7		80.79	65.56
224#	-17000	-230000#		5.7		3.8					70.8		103.4		
225#	-17250	-230000#	5.3		5.3			5.05	5.37	32.5		112.9		75.85	61.49
226#	-17500	-230000#		4.8		4.8					53.6		191.4		
227#	-17750	-230000#	5.3		4.8			5.07	5.1	30.6		93.8		74.05	56.71
228#	-18000	-230000#		5.2		4.8					63.2		95.7		
229#	-18250	-230000#	4.3		5.2			4.93	4.97	36.4		63.2		70.82	66.52
230#	-18500	-230000#		4.3		6.2					44		78.5		
231#	-18750	-230000#	4.8		6.2			5.14	4.66	28.7		57.4		55.99	84.46
232#	-19000	-230000#		5.2							44				
233#	-19250	-230000#	4.3		5.3			5.00	4.49	40.2		90		64.76	59.34
234#	-19500	-230000#		4.8		5.2					90		68.9		
235#	-19750	-230000#	3.9		3.9			4.46	4.9	61.3		72.7		70.42	56.23
236#	-20000	-230000#		4.3		5.3					49.8		88.1		
237#	-20250	-230000#	2.9		4.3			4.10	3.72	34.5		65.1		57.11	107.19
238#	-20500	-230000#		3.9		4.3					53.6		67.0		
239#	-20750	-230000#	2.0		4.8			3.64	3.81	84.2		59.3		87.81	72.74
240#	-21000	-230000#		3.3		5.8					107		82.3		
241#	-21250	-230000#	2.8		3.8			3.61	3.64	63.2		157		94.11	98.34
242#	-21500	-230000#		3.3		3.3					111		134.0		
243#	-21750	-230000#	2.4		2.8			3.40	3.41	95.7		112.9		116.28	93.79
244#	-22000	-230000#		3.3							111				
245#	-22250	-230000#	1.9		4.2			3.07	3.89	76.6		174.2		114.69	110.78
246#	-22500	-230000#		3.9		3.8					134		114.8		
247#	-22750	-230000#	3.4		2.9			3.71	2.82	84.2		99.5		114.85	103.84

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****														
248#	-23000	-230000#		3.9		3.3					72.7		143.6		
249#	-23250	-230000#	1.5	4.3		3.00			3.79	44		116.8		94.47	131.84
250#	-23500	-230000#		2.9		4.3					82.3		166.5		
251#	-23750	-230000#	2.9	2.9		3.51			2.87	61.3		126.3		110.74	77.52
252#	-24000	-230000#		4.4		3.9					115		143.6		
253#	-24250	-230000#	2.4	3.9		3.23			3.28	44		134		100.65	87.57
254#	-24500	-230000#		2.9		3.9					53.6		176.1		
255#	-24750	-230000#	2.4	1.9		3.11			3.24	40.2		76.6		85.02	96.43
256#	-25000	-230000#		3.4							65.1				
257#	-25250	-230000#	2.4	3.3		3.03			3.01	44		91.9		82.55	89.73
258#	-25500	-230000#		3.4		3.8					82.3		99.5		
259#	-25750	-230000#	2.4	3.8		2.97			2.95	57.4		99.5		84.54	104.32
260#	-26000	-230000#		2.9		2.4					90		93.8		
261#	-26250	-230000#	2.4	2.9		2.96			3.24	67		90		95.63	123.7
262#	-26500	-230000#		3.4		2.8					84.2		109.1		
263#	-26750	-230000#	2.9	2.9		3.04			3.16	53.6		111		105.2	98.58
264#	-27000	-230000#		2.9		3.4					84.2		210.6		
265#	-27250	-230000#	2.4	3.4		2.95			2.52	55.5		168.4		120.91	86.38
266#	-27500	-230000#		2.9		3.8					111		225.9		
267#	-27750	-230000#	1.9	3.3		2.68			2.39	74.7		166.5		126.09	97.62
268#	-28000	-230000#		2.8							113				
269#	-28250	-230000#	2.4	0.9		2.39			2.77	163		93.8		128.89	139.49
270#	-28500	-230000#		0.9		2.9					113		88.1		
271#	-28750	-230000#	1.0	2.4		2.03			2.88	170		91.9		122.11	121.07
272#	-29000	-230000#		3.4		2.4					153		53.6		
273#	-29250	-230000#	2.9	3.4		2.85			2.1	80.4		93.8		91.56	79.68
274#	-29500	-230000#		2.9		2.8					63.2		134.0		
275#	-29750	-230000#	2.9	2.4		2.78			2.59	30.6		91.9		61.01	77.28
276#	-30000	-230000#		2.9		2.4					53.6		65.1		
277#	-30250	-230000#	2.4	2.4		2.44			3.9	38.3		38.3		57.11	59.1
278#	-30500	-230000#		1.9		2.9					26.8		68.9		
279#	-30750	-230000#	2.4	1.9		3.17			2.63	13.4		51.7		44.74	57.19
280#	-31000	-230000#		2.4							28.7				
281#	-31250	-230000#	2.4	2.9		3.33			2.58	24.9		38.3		46.66	29.67
282#	-31500	-230000#		2.9		11.9					34.5		151.2		
283#	-31750	-230000#	1.4	3.3		3.37			2.33	21.1		44		39.16	41.15
284#	-32000	-230000#		3.4		1.9					24.9		36.4		
285#	-32250	-230000#	2.4	2.4		3.19			2.57	28.7		21.1		39.56	36.85
286#	-32500	-230000#		1.4		4.3					28.7		26.8		
287#	-32750	-230000#	1.9	2.4		2.39			5.14	21.1		36.4		33.18	63.17
288#	-33000	-230000#		2.4		2.9					32.5		61.3		
289#	-33250	-230000#	2.4	3.4		2.84			2.58	21.1		59.3		37.25	31.58
290#	-33500	-230000#		3.4		2.9					45.9		44.0		
291#	-33750	-230000#	3.4	2.4		3.14			2.82	32.5		38.3		41.71	48.33
292#	-34000	-230000#		2.9							36.4				
293#	-34250	-230000#	1.9	3.8		2.71			3	47.9		30.6		50.25	69.15
294#	-34500	-230000#		2.9		2.9					47.9		45.9		
295#	-34750	-230000#	1.9	2.8		2.80			2.32	45.9		74.7		67.15	54.07
296#	-35000	-230000#		2.8		3.4					74.7		99.5		
297#	-35250	-230000#	1.9	3.4		2.40			3.47	44		112.9		72.06	56.47
298#	-35500	-230000#		0.5		2.9					65.1		120.6		

*****							*****		*****		*****		*****		*****	
#		FREQ. EFFECT							APP. R		ESIST O		HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
299#	-35750	-230000#	3.4		1.9			3.01	2.87	53.6		72.7			74.93	68.91
300#	-36000	-230000#			3.4		4.3				68.9	72.7		84.2		
301#	-36250	-230000#	3.4		3.8			3.36	3.18	76.6		74.7			82.47	94.03
302#	-36500	-230000#			3.4		4.3				99.5	74.7		65.1		
303#	-36750	-230000#	3.4		2.9			3.67	3.42	86.1		90			91.88	82.79
304#	-37000	-230000#			4.3						91.9	90				
305#	-37250	-230000#	3.8		3.8			3.89	3.82	55.5		135.9			84.78	86.62
306#	-37500	-230000#			4.8		3.3				93.8	135.9		107.2		
307#	-37750	-230000#	3.8		3.8			3.83	3.53	82.3		74.7			92.04	69.63
308#	-38000	-230000#			4.3		3.4				67	74.7		99.5		
309#	-38250	-230000#	3.3		3.3			3.46	4.08	40.2		95.7			71.42	101.45
310#	-38500	-230000#			3.3						70.8	95.7		103.4		
311#	-38750	-230000#	2.9		3.4			3.49	3.64	74.7		76.6			84.94	70.34
312#	-39000	-230000#			4.3		2.9				90	76.6		67.0		
313#	-39250	-230000#	3.4		4.3			3.72	3.54	45.9		86.1			72.9	78.48
314#	-39500	-230000#			3.8		4.4				47.9	86.1		124.4		
315#	-39750	-230000#	3.3		3.9			3.76	3.84	44		72.7			69.55	76.81
316#	-40000	-230000#			3.8						74.7	72.7				
317#	-40250	-230000#	3.8		3.9			4.00	3.35	65.1		82.3			78.56	59.1
318#	-40500	-230000#			3.9		4.3				72.7	82.3		86.1		
319#	-40750	-230000#	2.8		4.3			3.47	3.54	51.7		78.5			66.52	70.11
320#	-41000	-230000#			3.3						57.4	78.5		82.3		
321#	-41250	-230000#	2.8		3.4			3.23	2.94	45.9		51.7			59.86	57.66
322#	-41500	-230000#			2.9		2.9				49.8	51.7		67.0		
323#	-41750	-230000#	2.4		2.4			2.70	3.22	32.5		67			51.04	62.45
324#	-42000	-230000#			2.9						45.9	67		61.3		
325#	-42250	-230000#	2.9		2.8			2.57	3.17	38.3		45.9			51.6	57.66
326#	-42500	-230000#			1.9		2.4				44	45.9		65.1		
327#	-42750	-230000#	2.9		1.9			2.77	2.94	51.7		63.2			57.26	61.25
328#	-43000	-230000#			2.8						74.7	63.2				
329#	-43250	-230000#	3.3		3.3			3.05	2.67	63.2		55.5			65.4	45.22
330#	-43500	-230000#			3.3		3.9				55.5	55.5		63.2		
331#	-43750	-230000#	2.4		2.9			2.88	2.54	26.8		65.1			48.73	62.69
332#	-44000	-230000#			2.2		2.9				34.5	65.1		88.1		
333#	-44250	-230000#	2.6		3.4			2.70	2.5	38.3		45.9			52.96	41.15
334#	-44500	-230000#			2.4		2.9				55.5	45.9		51.7		
335#	-44750	-230000#	2.4		2.4			2.43	2.58	24.9		65.1			46.66	48.81
336#	-45000	-230000#			1.9		2.4				34.5	65.1		76.6		
337#	-45250	-230000#	1.9		1.9			2.08	3.24	34.5		44			45.86	50.96
338#	-45500	-230000#			1.9		2.4				44	44		44.0		
339#	-45750	-230000#	2.4		1.4			2.63	3.36	38.3		47.9			47.69	43.07
340#	-46000	-230000#			1.9						47.9	47.9				
341#	-46250	-230000#	2.4		4.8			3.51	3.1	30.6		61.3			42.83	52.88
342#	-46500	-230000#			4.8		5.7				45.9	61.3		45.9		
343#	-46750	-230000#	3.3		5.2			4.46	2.63	36.4		38.3			47.53	44.74
344#	-47000	-230000#			4.8		5.3				38.3	38.3		44.0		
345#	-47250	-230000#	3.3		3.4			4.00	2.38	19.1		45.9			42.11	69.87
346#	-47500	-230000#			2.9		4.8				28.7	45.9		99.5		
347#	-47750	-230000#	0.5		3.8			2.20	3.35	28.7		65.1			56.67	38.04
348#	-48000	-230000#			0.9		2.8				70.8	65.1		74.7		
349#	-48250	-230000#	1.0		1.0			1.65	2.22	26.8		82.3			61.09	32.54

[illegible]

AFT ER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 2340S 500 FEET ??-??-?? ENVELOP
 IP 685W-447.5E LENGTH 113250
 GEOCHEMISTRY CU PB ZN 515W-470W
 ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
 TRAVERSES INCREASE SOUTH = -Y

*****	*****						*****	*****	*****	*****	*****	*****	*****		
#	FREQ. EFFECT								APP. R	ESIST O	HM.M				
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	44750	-234000#		4.3							45.9				
2#	44500	-234000#	3.8		8.6					23		49.8			
3#	44250	-234000#		4.8		5.3					32.5		57.4		
4#	44000	-234000#	5.3		4.3					21.1		40.2			
5#	43750	-234000#		4.8							34.5		38.3		
6#	43500	-234000#	2.9		3.4			3.35	4.3	19.1		38.3		29.55	23.97
7#	43250	-234000#		4.8		0.9					21.1		32.5		
8#	43000	-234000#	3.3		1.5			2.57	3.29	19.1		24.9		23.52	41.75
9#	42750	-234000#		1.4		1.9					23		19.1		
10#	42500	-234000#	0.5		2.4			1.32	3.43	16.5		17.2		26.25	24.38
11#	42250	-234000#		1.4							14.9		14.5		
12#	42000	-234000#	1.0		1.9			1.62	1.73	2.5		13.6		22.6	16.87
13#	41750	-234000#									3.1		137.8		
14#	41500	-234000#	2.4					2.63	1.79	5.7		34.5		21.53	10.22
15#	41250	-234000#		2.9							7.7				
16#	41000	-234000#	1.0		3.4			2.31	1.83	3.6		10		20.55	7.63
17#	40750	-234000#		2.3							5.7		14.7		
18#	40500	-234000#	1.0					2.15	1.8	2.9		8.6		7.03	25.7
19#	40250	-234000#		1.9							5.2		10.0		
20#	40000	-234000#	1.0					1.56	2.15	3.1		6.9		6.42	6.13
21#	39750	-234000#		2.4							4.6		9.2		
22#	39500	-234000#	0.5					1.44	1.8	3.4		6.3		5.92	8.23
23#	39250	-234000#		2.4							5.6		8.0		
24#	39000	-234000#	2.4					2.28	2.08	4.8		6.1		6.5	8.54
25#	38750	-234000#		1.9							6.5		7.7		
26#	38500	-234000#	1.9					2.24	2.57	4.8		8.2		8.04	10.77
27#	38250	-234000#		2.0							7.3				
28#	38000	-234000#	2.9					2.66	2.31	5.2		6.5		10.96	11.1
29#	37750	-234000#		1.9		2.9					5.4		24.9		
30#	37500	-234000#	1.4		2.9			2.33	2.97	4		21.1		14.02	12.08
31#	37250	-234000#		1.9							15.3		28.7		
32#	37000	-234000#	2.9		3.3			2.89	2.47	10.3		21.1		17.93	13.14
33#	36750	-234000#		3.3							17.8		23.0		
34#	36500	-234000#	0.5		3.3			2.34	3.05	14.5		19.1		18.7	41.73
35#	36250	-234000#		2.4							17.2		21.1		
36#	36000	-234000#	2.4		4.3			3.20	2.77	67		19.1		44.58	67.21
37#	35750	-234000#		3.3							72.7		19.1		
38#	35500	-234000#	0.9		5.3			3.02	2.55	76.6		97.6		76.73	77.04
39#	35250	-234000#		0.9							91.9				
40#	35000	-234000#	1.9		4.3			2.80	2.74	61.3		135.9		100.57	79.2
41#	34750	-234000#		2.4		4.4					105.3		151.2		
42#	34500	-234000#	2.4		3.3			2.81	2.56	67		132.1		115.65	72.5
43#	34250	-234000#		1.9		2.3					82.3		191.4		
44#	34000	-234000#	2.9		2.3			2.53	2.4	47.9		155		100.45	74.89
45#	33750	-234000#		0.9		3.4					91.9		139.7		
46#	33500	-234000#	1.4		1.9			1.84	3.04	57.4		95.7		89.13	91.88

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
47#	33250	-234000#		0.9		3.4					70.8		74.7		
48#	33000	-234000#	2.4		1.9		2.33		2.11	49.8		59.3			69.15 125.38
49#	32750	-234000#		1.8		2.9					65.1		51.7		
50#	32500	-234000#	2.9		3.3		2.59		2.14	55.5		55.5			82.31 117.96
51#	32250	-234000#		2.4							61.3				
52#	32000	-234000#	0.9		2.4		2.24		2.46	36.4		185.7			109.35 80.15
53#	31750	-234000#		3.9		2.3					124.4		204.8		
54#	31500	-234000#	1.0		1.0		2.28		2.33	45.9		147.4			126.09 76.81
55#	31250	-234000#		2.9		2.8					61.3		279.5		
56#	31000	-234000#	1.4		1.9		2.18		2.65	55.5		135.9			117.32 175.38
57#	30750	-234000#		1.9		4.0					124.4		143.6		
58#	30500	-234000#	2.3		2.9		2.72		1.93	187.6		145.5			181.25 131.6
59#	30250	-234000#		4.3		2.9					287.1		84.2		
60#	30000	-234000#	2.3		2.8		2.67		2.75	137.8		189.5			157.92 199.55
61#	29750	-234000#		0.5		2.3					111		191.4		
62#	29500	-234000#	3.8		2.9		2.80		2.29	105.3		130.2			159.35 199.07
63#	29250	-234000#		2.4							141.6				
64#	29000	-234000#	1.9		3.2		2.09		2.25	80.4		201			190.38 109.82
65#	28750	-234000#		1.4		3.8					178		421.1		
66#	28500	-234000#	0.5		1.0		1.59		2.37	51.7		413.5			172.03 103.36
67#	28250	-234000#		1.9		0.5					126.3		206.7		
68#	28000	-234000#								57.4		68.9			137.74 94.51
69#	27750	-234000#									55.5		141.6		
70#	27500	-234000#								28.7		82.3			71.38 206.97
71#	27250	-234000#									53.6		88.1		
72#	27000	-234000#	2.4				1.43		1.23	44		59.3			73.3 65.8
73#	26750	-234000#		0.5		0.5					63.2		91.9		
74#	26500	-234000#	1.0		2.4		1.24		2.47	17.2		109.1			55.27 85.42
75#	26250	-234000#		1.4							38.3				
76#	26000	-234000#			1.4					28.7		47.9			69.15 49.53
77#	25750	-234000#		1.3		1.8					82.3		63.2		
78#	25500	-234000#			1.4					23		67			60.06 71.54
79#	25250	-234000#		1.9		4.8					42.1		183.8		
80#	25000	-234000#			2.8					17.2		51.7			58.7 123.46
81#	24750	-234000#		1.6		1.8					17.2		51.7		
82#	24500	-234000#	2.9		1.9		2.78		2.32	17.2		74.7			81.03 84.94
83#	24250	-234000#		1.9		2.7					45.9		195.2		
84#	24000	-234000#	1.9		3.4		2.77		4.02	26.8		139.7			115.09 89.96
85#	23750	-234000#		2.4		5.7					109.1		315.8		
86#	23500	-234000#	4.3		5.5		4.33		2.67	49.8		290.9			144.28 59.1
87#	23250	-234000#		4.7							153.1				
88#	23000	-234000#	4.8		6.2		4.79		3.71	84.2		172.3			131.68 92.84
89#	22750	-234000#		2.8		4.8					109.1		74.7		
90#	22500	-234000#	4.6		4.3		4.52		5.06	116.8		59.3			83.9 152.41
91#	22250	-234000#		3.8							67		21.1		
92#	22000	-234000#	4.3		5.7		4.57		14.33	107.2		26.8			72.42 185.43
93#	21750	-234000#		4.3							51.7		38.3		
94#	21500	-234000#	3.3		5.4		14.23		3.88	36.4		82.3			80.63 67.71
95#	21250	-234000#		4.3							61.3		134.0		
96#	21000	-234000#	1.9		6.7		13.56		2.66	21.1		103.4			92.92 40.91
97#	20750	-234000#		2.4		43.3					44		442.2		
98#	20500	-234000#	0.2		4.8		7.32		2.88	17.2		93.8			90.36 49.53
99#	20250	-234000#		1.0							38.3				
100#	20000	-234000#	1.9		1.9		5.59		2.9	34.5		76.6			84.86 69.63

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M					
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P	
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
101#	19750	-234000#		1.4		2.4					53.6		59.3				
102#	19500	-234000#	2.9		2.4			2.25	7.59	49.8		45.9			58.94	143.32	
103#	19250	-234000#		2.4		2.8					55.5		59.3				
104#	19000	-234000#	1.5					2.09	1.76	44		61.3			78.28	194.76	
105#	18750	-234000#				0.9					76.6		91.9				
106#	18500	-234000#	1.9					1.64	2.21	59.3		124.4			152.93	78	
107#	18250	-234000#				2.4					304.3		292.9				
108#	18000	-234000#	2.9		1.0			2.02	2.1	34.5		298.6			176.74	59.82	
109#	17750	-234000#		2.4							139.7		357.9				
110#	17500	-234000#	2.4		1.4			2.04	1.96	40.2		185.7			140.05	118.68	
111#	17250	-234000#		1.9							67						
112#	17000	-234000#	2.9		1.9			2.06	1.74	63.2		55.5			109.03	175.62	
113#	16750	-234000#		1.9		1.9					57.4		59.3				
114#	16500	-234000#	0.9		1.9			1.55	2.09	72.7		63.2			108.55	173.95	
115#	16250	-234000#		2.0		1.4					97.6		210.6				
116#	16000	-234000#	1.9		1.4			1.87	1.02	91.9		335			156.88	156.48	
117#	15750	-234000#		2.4		1.4					340.7		128.2				
118#	15500	-234000#	1.0		1.4			1.27	1.56	208.6		155			201.18	73.69	
119#	15250	-234000#		0.5		2.3					65.1		130.2				
120#	15000	-234000#	1.4		1.0			1.12	2.09	68.9		65.1			110.06	251.47	
121#	14750	-234000#		0.5		0.5					49.8		363.7				
122#	14500	-234000#	1.4		1.0			1.65	2.15	130.2		99.5			170.36	78.48	
123#	14250	-234000#		1.9							268						
124#	14000	-234000#	1.9		4.7			2.51	2.51	51.7		312			144.04	72.5	
125#	13750	-234000#		4.8		2.5					61.3		206.7				
126#	13500	-234000#	5.7		3.4			3.99	2.21	53.6		53.6			87.97	128.73	
127#	13250	-234000#		2.9		2.4					70.8		44.0				
128#	13000	-234000#	4.8		4.3			3.30	3.94	55.5		40.2			64.52	89.96	
129#	12750	-234000#		2.4		1.9					44		40.2				
130#	12500	-234000#	1.9		2.4			2.72	2.9	23		51.7			45.1	88.53	
131#	12250	-234000#		3.3		2.9					34.5		95.7				
132#	12000	-234000#	1.4		3.3			2.57	3.62	23		63.2			47.61	87.09	
133#	11750	-234000#		2.9		3.9					44		86.1				
134#	11500	-234000#	2.8		2.9			3.50	1.84	59.3		47.9			89.33	69.15	
135#	11250	-234000#		2.0							97.6						
136#	11000	-234000#	1.9		4.8			2.72	2.81	40.2		141.6			99.69	107.43	
137#	10750	-234000#		0.5		8.4					86.1		246.9				
138#	10500	-234000#	2.9		2.3			2.96	5.53	51.7		178			131.04	114.13	
139#	10250	-234000#		3.4		1.0					153.1		99.5				
140#	10000	-234000#	1.9					4.17	2.4	57.4		107.2			140.73	149.54	
141#	9750	-234000#				1.0					57.4		285.2				
142#	9500	-234000#		1.0						24.9		187.6			132.12	170.6	
143#	9250	-234000#				28.8					103.4		338.8				
144#	9000	-234000#	0.5		1.9			3.97	2.33	61.3		218.2			180.09	74.89	
145#	8750	-234000#		2.9		2.9					172.3		285.2				
146#	8500	-234000#	2.9		1.9			4.74	2.37	51.7		248.8			150.42	180.89	
147#	8250	-234000#		1.4							84.2						
148#	8000	-234000#	3.3		2.8			2.86	6.6	174.2		86.1			174.03	255.54	
149#	7750	-234000#		3.8		3.3					191.4		88.1				
150#	7500	-234000#	4.8		2.3			3.75	2.8	216.3		208.6			227.7	291.91	
151#	7250	-234000#		3.4		3.3					262.2		235.4				
152#	7000	-234000#	3.3		5.2			3.37	4.61	254.6		287.1			298.13	353.16	
153#	6750	-234000#		3.3		2.9					302.4		497.7				
154#	6500	-234000#	3.5		4.3			3.85	3.28	266.1		463.2			375.33	262.72	

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	#	FREQ. EFFECT									APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
155#	6250	-234000#		3.8		1.9					434.5		522.6		
156#	6000	-234000#	1.4		4.3			3.45	4	325.4		474.7			436.42 351.72
157#	5750	-234000#		3.8		6.9					396.2		578.1		
158#	5500	-234000#	3.4		5.3			4.22	4.07	338.8		478.5			439.14 383.31
159#	5250	-234000#		5.7							442.2				
160#	5000	-234000#	4.3		4.3			4.88	4.14	357.9		428.8			410.66 284.73
161#	4750	-234000#		2.9		3.3					409.6		513.0		
162#	4500	-234000#	2.4		2.9			4.19	3.56	264.2		503.4			271.41 286.64
163#	4250	-234000#		2.0		10.1					97.6		74.7		
164#	4000	-234000#	1.4		6.2			3.19	2.05	65.1		68.9			149.82 260.56
165#	3750	-234000#		0.9		9.1					63.2		114.8		
166#	3500	-234000#	2.4		3.4			3.10	1.98	26.8		124.4			97.38 220.44
167#	3250	-234000#		2.1		0.5					72.7		183.8		
168#	3000	-234000#	1.4		0.5			1.98	3.7	5.6		128.2			93.92 50.96
169#	2750	-234000#		1.0		0.9					14.2		377.1		
170#	2500	-234000#	1.0		0.5			1.35	4.33	3.8		51.7			79.69 58.52
171#	2250	-234000#									24.9				
172#	2000	-234000#			3.3					7.1		88.1			67.09 53.21
173#	1750	-234000#		3.3		4.8					57.4		57.4		
174#	1500	-234000#	2.4		4.8			3.17	2.21	19.1		44			38.52 73.67
175#	1250	-234000#		3.3							21.1		42.1		
176#	1000	-234000#	2.4					2.93	2.45	17.6		24.9			30.2 71.06
177#	750	-234000#		4.3		0.9					24.9		30.6		
178#	500	-234000#	1.4		1.4			1.85	3.23	42.1		38.3			51.6 44.55
179#	250	-234000#		0.5		1.4					86.1		47.9		
180#	0	-234000#	1.0		1.9			1.56	1.39	42.1		111			59.58 50.96
181#	-250	-234000#		2.4		3.4					65.1		82.3		
182#	-500	-234000#	0.5		2.4			1.54	2.03	70.8		51.7			69.15 87.09
183#	-750	-234000#		1.9							47.9				
184#	-1000	-234000#	10.0		0.5			3.57	2.57	134		38.3			98.74 102.41
185#	-1250	-234000#		0.5		1.0					112.9		116.8		
186#	-1500	-234000#	1.4		1.0			1.64	3.88	90		114.8			111.5 77.52
187#	-1750	-234000#				0.9					112.9		137.8		
188#	-2000	-234000#			9.6					44		147.4			95.63 130.64
189#	-2250	-234000#		1.9		1.0					63.2		174.2		
190#	-2500	-234000#	7.2		0.9			3.24	1.09	74.7		78.5			116.6 103.6
191#	-2750	-234000#		1.0		0.5					116.8		118.7		
192#	-3000	-234000#	1.5		0.5			0.96	3.65	72.7		202.9			123.62 119.63
193#	-3250	-234000#		1.0		0.5					120.6		204.8		
194#	-3500	-234000#	1.4		1.0			1.40	1.3	118.7		130.2			140.13 115.57
195#	-3750	-234000#		1.0							145.5				
196#	-4000	-234000#	1.0		3.4			1.71	1.07	97.6		93.8			128.25 173.95
197#	-4250	-234000#		2.4		3.9					76.6		176.1		
198#	-4500	-234000#	1.9		1.8			2.68	0.95	78.5		153.1			147.63 178.97
199#	-4750	-234000#		2.4							181.8		155.0		
200#	-5000	-234000#	1.4					1.83	1.86	107.2		191.4			182.92 108.63
201#	-5250	-234000#		1.0							128.2		379.0		
202#	-5500	-234000#	1.0					1.20	2.8	42.1		269.9			155.21 149.54
203#	-5750	-234000#		2.4		0.9					101.4		348.4		
204#	-6000	-234000#	4.8		1.0			2.46	2.05	86.1		143.6			175.22 129.44
205#	-6250	-234000#		1.9		1.4					137.8		166.5		
206#	-6500	-234000#			2.3					68.9		178			153.93 167.25
207#	-6750	-234000#		6.8							294.8				
208#	-7000	-234000#	2.8		1.9			2.69	2.22	97.6		84.2			140.77 156

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
209#	-7250	-234000#		1.4		1.4					101.4		70.8		
210#	-7500	-234000#	2.9		1.5			2.35	3.35	53.6		91.9		108.15	158.16
211#	-7750	-234000#		2.9		2.9					63.2		210.6		
212#	-8000	-234000#	1.5		2.9			2.59	2.67	26.8		168.4		113.17	100.01
213#	-8250	-234000#		3.9		2.4					116.8		264.2		
214#	-8500	-234000#	1.9		4.2			2.83	1.93	44		199.1		128.37	66.52
215#	-8750	-234000#		1.4		3.9					99.5		185.7		
216#	-9000	-234000#	3.8		3.3			2.91	3.12	47.9		103.4		116.04	126.57
217#	-9250	-234000#		0.9		4.2					59.3		157.0		
218#	-9500	-234000#	2.9		1.9			2.93	2.84	70.8		101.4		110.06	116.04
219#	-9750	-234000#		2.4							139.7				
220#	-10000	-234000#	1.4		3.8			2.80	2.28	82.3		103.4		104.08	76.33
221#	-10250	-234000#		3.9		4.3					72.7		158.9		
222#	-10500	-234000#	1.9		3.3			2.96	2.28	40.2		122.5		71.3	107.19
223#	-10750	-234000#				2.4							40.2		
224#	-11000	-234000#	2.6		1.9			2.31	2.52	70.8		32.5		73.5	78.48
225#	-11250	-234000#		1.4		2.4					32.5		59.3		
226#	-11500	-234000#	1.9		1.4			1.94	2.72	13.4		70.8		54.75	100.49
227#	-11750	-234000#		1.4		2.8					28.7		202.9		
228#	-12000	-234000#	1.4		2.4			1.89	2.29	23		90		75.61	24.64
229#	-12250	-234000#		1.9		2.4					74.7		139.7		
230#	-12500	-234000#	1.9		1.9			2.35	2.03	17.2		120.6		65.64	46.9
231#	-12750	-234000#		2.0							19.1				
232#	-13000	-234000#	2.4		4.3			2.41	2.52	36.4		17.2		51.52	96.19
233#	-13250	-234000#		2.4							42.1		24.9		
234#	-13500	-234000#	1.9		3.8			2.49	2.21	59.3		51.7		63.65	110.3
235#	-13750	-234000#		1.9		0.9					80.4		63.2		
236#	-14000	-234000#	1.9		5.3			2.45	2.98	80.4		95.7		98.42	112.7
237#	-14250	-234000#		3.3		1.9					111		149.3		
238#	-14500	-234000#	2.8		1.4			2.90	2.79	74.7		183.8		122.62	86.62
239#	-14750	-234000#		3.8		2.3					126.3		191.4		
240#	-15000	-234000#	2.4		2.9			2.72	2.92	111		145.5		149.54	111.02
241#	-15250	-234000#		3.3		2.8					128.2		218.2		
242#	-15500	-234000#	1.9		3.3			2.71	2.38	91.9		191.4		144.52	135.43
243#	-15750	-234000#		2.9							135.9				
244#	-16000	-234000#	3.4		3.4			2.87	2.67	141.6		141.6		150.18	155.05
245#	-16250	-234000#		3.4		2.8					153.1		174.2		
246#	-16500	-234000#	1.4		2.3			2.38	3.12	116.8		193.3		146.75	201.94
247#	-16750	-234000#		1.9		0.3					160.8		24.9		
248#	-17000	-234000#	1.4		3.3			2.48	2.82	143.6		191.4		180.17	153.85
249#	-17250	-234000#		3.0		4.3					197.2		214.4		
250#	-17500	-234000#	1.9		3.3			2.79	2.41	101.4		235.4		167.37	156.48
251#	-17750	-234000#		2.4		4.9					128.2		352.2		
252#	-18000	-234000#	2.4		3.4			3.08	2.74	93.8		199.1		171.63	130.64
253#	-18250	-234000#		2.3		3.3					155		195.2		
254#	-18500	-234000#	2.4		3.3			3.17	2.53	128.2		157		165.33	159.11
255#	-18750	-234000#		2.5							122.5				
256#	-19000	-234000#	1.5		4.8			2.55	3.35	132.1		132.1		145.87	205.53
257#	-19250	-234000#		2.0		3.8					139.7		147.4		
258#	-19500	-234000#	3.9		2.9			3.24	3.03	149.3		155		167.97	167.01
259#	-19750	-234000#		2.8		1.4					178		174.2		
260#	-20000	-234000#	2.8		3.1			3.08	4.16	118.7		224		173.39	156.24
261#	-20250	-234000#		2.8		3.9					174.2		258.4		
262#	-20500	-234000#	3.4		3.7			3.49	3.77	120.6		220.1		179.09	147.39

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
263#	-20750	-234000#		3.9		4.3					185.7		216.3		
264#	-21000	-234000#	3.8		2.9			4.22	3.01	128.2		193.3		174.9	146.43
265#	-21250	-234000#		4.2		6.3					157		164.6		
266#	-21500	-234000#	2.8		5.7			3.89	3.61	101.4		147.4		140.77	175.86
267#	-21750	-234000#		4.3							101.4				
268#	-22000	-234000#	4.8		3.4			4.08	3.15	122.5		124.4		138.86	165.57
269#	-22250	-234000#		2.5		2.9					134		151.2		
270#	-22500	-234000#	2.3		2.4			2.75	5.15	130.2		185.7		152.89	137.1
271#	-22750	-234000#		2.3		3.8					166.5		172.3		
272#	-23000	-234000#	4.4		2.4			3.78	3.44	124.4		162.7		151.42	149.06
273#	-23250	-234000#		3.9		3.7					116.8		197.2		
274#	-23500	-234000#	2.4		5.3			3.63	2.56	90		160.8		140.01	155.05
275#	-23750	-234000#		3.9		6.7					134		158.9		
276#	-24000	-234000#	1.4		2.3			3.22	3.18	103.4		155		152.01	142.84
277#	-24250	-234000#		1.8		5.3					141.6		212.5		
278#	-24500	-234000#	5.3		2.4			3.66	2.94	84.2		216.3		149.86	148.11
279#	-24750	-234000#		1.9							147.4				
280#	-25000	-234000#	2.4		2.8			2.62	3.33	103.4		189.5		157.68	114.85
281#	-25250	-234000#		2.5		2.9					153.1		179.9		
282#	-25500	-234000#	4.3		2.9			2.80	2.51	78.5		158.9		126.33	141.41
283#	-25750	-234000#		1.4		1.4					95.7		174.2		
284#	-26000	-234000#	1.4		1.9			1.91	1.74	70.8		112.9		114.33	121.31
285#	-26250	-234000#		1.4		2.8					128.2		91.9		
286#	-26500	-234000#	0.5		1.4			1.32	1.7	95.7		111		113.57	115.57
287#	-26750	-234000#		0.5		3.8					91.9		141.6		
288#	-27000	-234000#	1.0		1.4			1.31	1.5	57.4		128.2		93.95	111.5
289#	-27250	-234000#		0.9		1.0					91.9		116.8		
290#	-27500	-234000#	1.5		0.2			1.50	1.68	86.1		90		100.89	84.46
291#	-27750	-234000#		0.9							86.1				
292#	-28000	-234000#	1.4		2.4			1.52	1.97	59.3		97.6		85.42	107.67
293#	-28250	-234000#		1.5		1.9					76.6		111.0		
294#	-28500	-234000#	0.9		1.9			1.80	1.52	86.1		90		96.19	83.03
295#	-28750	-234000#		0.5		2.9					114.8		97.6		
296#	-29000	-234000#	0.5		2.4			1.77	1.34	80.4		124.4		92.28	76.81
297#	-29250	-234000#		1.4		4.3					88.1		88.1		
298#	-29500	-234000#	1.0		3.4			1.90	1.19	53.6		68.9		74.69	85.42
299#	-29750	-234000#		1.0		3.4					53.6		74.7		
300#	-30000	-234000#	1.0		1.9			1.73	2.28	34.5		67		61.97	80.63
301#	-30250	-234000#		0.9		1.0					59.3		90.0		
302#	-30500	-234000#	0.9		1.0			1.93	2.64	36.4		82.3		65.72	52.16
303#	-30750	-234000#		3.9							63.2				
304#	-31000	-234000#		2.9						28.7		111		58.94	50.25
305#	-31250	-234000#		1.4		2.9					57.4		70.8		
306#	-31500	-234000#	1.9		2.9			2.96	2.71	32.5		40.2		49.77	61.01
307#	-31750	-234000#		1.4		6.2					26.8		45.9		
308#	-32000	-234000#	1.0		5.8			3.20	2.99	23		34.5		43.39	71.3
309#	-32250	-234000#		3.3		4.8					34.5		70.8		
310#	-32500	-234000#	1.9		5.3			4.02	2.53	30.6		78.5		58.34	49.53
311#	-32750	-234000#		5.3		5.3					84.2		88.1		
312#	-33000	-234000#	3.8		3.8			4.04	3.36	47.9		109.1		70.11	56.47
313#	-33250	-234000#		2.4		3.3					70.8		72.7		
314#	-33500	-234000#	2.9		2.9			2.96	4.03	80.4		45.9		76.33	113.17
315#	-33750	-234000#		2.4							53.6				
316#	-34000	-234000#	3.3		1.9			2.98	3.44	67		82.3		99.06	116.76

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
317#	-34250	-234000#		3.8		2.4					118.7		90.0		
318#	-34500	-234000#	2.1		2.9			2.98	2.92	63.2		147.4		129.2	82.55
319#	-34750	-234000#		5.2		2.9					99.5		290.9		
320#	-35000	-234000#	1.2		3.0			2.78	2.77	47.9		197.2		123.34	113.65
321#	-35250	-234000#		1.9		2.9					101.4		225.9		
322#	-35500	-234000#	2.4		3.4			2.72	3.09	80.4		126.3		138.14	102.65
323#	-35750	-234000#		2.0		4.8					122.5		145.5		
324#	-36000	-234000#	1.9		2.4			3.09	3.02	93.8		151.2		131.2	173.47
325#	-36250	-234000#		4.9		3.8					124.4		145.5		
326#	-36500	-234000#	2.9		3.8			3.70	3.07	162.7		128.2		157.52	133.75
327#	-36750	-234000#		4.9							179.9				
328#	-37000	-234000#	4.2		2.8			3.73	3.84	99.5		185.7		139.73	141.41
329#	-37250	-234000#		2.0		3.4					114.8		189.5		
330#	-37500	-234000#	1.9		3.4			3.21	4.06	99.5		126.3		136.54	128.01
331#	-37750	-234000#		3.3		4.8					114.8		160.8		
332#	-38000	-234000#	2.4		5.3			3.74	3.94	57.4		147.4		120.27	122.03
333#	-38250	-234000#		3.8		5.2					103.4		185.7		
334#	-38250	-234000#	5.8		3.8			4.82	3.78	61.3		141.6		115.01	117.24
335#	-38500	-234000#		3.9		5.7					90		168.4		
336#	-38750	-234000#	4.3		3.8			4.61	4.57	53.6		114.8		109.11	128.49
337#	-39000	-234000#		4.8		5.7					82.3		155.0		
338#	-39250	-234000#	2.4		5.2			4.33	4.54	72.7		124.4		121.15	124.66
339#	-39500	-234000#		5.2							134				
340#	-39750	-234000#	4.3		4.4			4.89	4.79	88.1		176.1		133.27	108.87
341#	-40000	-234000#		5.7		4.8					135.9		172.3		
342#	-40250	-234000#	5.3		3.9			5.17	4.78	99.5		143.6		128.25	117.24
343#	-40500	-234000#		5.8		5.2					105.3		158.9		
344#	-40750	-234000#	4.3		5.8			4.78	5.53	95.7		126.3		117.84	129.92
345#	-41000	-234000#		5.3		4.8					122.5		101.4		
346#	-41250	-234000#		3.8						93.8		109.1		112.5	120.35
347#	-41500	-234000#			4.4						97.6		109.1		
348#	-41750	-234000#	3.8		3.4			4.43	3.86	55.5		99.5		96.43	132.08
349#	-42000	-234000#		4.3		7.2					76.6		168.4		
350#	-42250	-234000#	2.4		5.2			3.80	3.84	57.4		141.6		113.65	101.69
351#	-42500	-234000#		3.9							120.6				
352#	-42750	-234000#	3.4		0.9			3.98	3.62	61.3		118.7		122.82	99.06
353#	-43000	-234000#		2.9		4.9					67		258.4		
354#	-43250	-234000#	1.4		4.9			3.16	5.27	47.9		157		116.92	141.41
355#	-43500	-234000#		2.5		4.3					116.8		164.6		
356#	-43750	-234000#	6.2		4.9			5.13	4.79	162.7		124.4		161.15	87.57
357#	-44000	-234000#		6.7		5.8					185.7		160.8		
358#	-44250	-234000#	6.7		4.8			6.18	5.42	114.8		218.2		134.79	168.68
359#	-44500	-234000#		8.2		4.8					164.6		72.7		
360#	-44750	-234000#	6.2		6.7			6.32	5.32	206.7		57.4		139.33	127.53
361#	-45000	-234000#		6.3		5.7					82.3		65.1		
362#	-45250	-234000#	5.3		7.6			5.68	5.59	61.3		107.2		85.42	174.19
363#	-45500	-234000#		6.7							91.9				
364#	-45750	-234000#	6.3		4.7			5.53	4.25	88.1		124.4		123.22	82.31
365#	-46000	-234000#		5.3		3.4					143.6		153.1		
366#	-46250	-234000#		2.8						61.3		189.5		120.67	96.19
367#	-46500	-234000#		1.9		5.3					72.7		222.0		
368#	-46750	-234000#	1.0		2.9			2.29	3.61	51.7		90		110.02	157.68
369#	-47000	-234000#		1.9		0.9					82.3		160.8		
370#	-47250	-234000#	1.5		3.4			2.62	2.85	76.6		155		130.36	151.46

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
371#	-47500	-234000#		2.9		3.3					153.1		128.2		
372#	-47750	-234000#	2.0		2.4			2.98	3.41	139.7		143.6		170.2	125.62
373#	-48000	-234000#		3.3		5.3					149.3		279.5		
374#	-48250	-234000#	1.0		5.1			3.39	4.15	107.2		302.4		161.98	155.28
375#	-48500	-234000#		3.8							235.4				
376#	-48750	-234000#	4.3		5.7			5.25	4.06	266.1		143.6		198.67	86.38
377#	-49000	-234000#		6.8		5.3					183.8		47.9		
378#	-49250	-234000#	7.6		7.2			6.17	4.7	51.7		67		77.44	167.73
379#	-49500	-234000#		4.3		5.7					24.9		116.8		
380#	-49750	-234000#	2.9		4.8			4.73	3.89	28.7		49.8		52.8	93.79
381#	-50000	-234000#		4.8		5.7					72.7		36.4		
382#	-50250	-234000#	1.9		5.7			3.67	4.9	32.5		63.2		58.58	36.44
383#	-50500	-234000#		1.9		5.7					34.5		93.8		
384#	-50750	-234000#			3.4					12.1		51.7		44.25	67.71
385#	-51000	-234000#				1.9					17.2		126.3		
386#	-51250	-234000#								23		45.9		57.74	37.88
387#	-51500	-234000#									67				
388#	-51750	-234000#			0.5					23		82.3		56.07	44.5
389#	-52000	-234000#									34.5		97.6		
390#	-52250	-234000#								28.7		45.9		48.49	55.03
391#	-52500	-234000#		0.5		1.0					45.9		53.6		
392#	-52750	-234000#								38.3		55.5		49.09	39.24
393#	-53000	-234000#		0.9		1.0					59.3		40.2		
394#	-53250	-234000#	3.4					2.52	3.19	30.6		44		39.84	50.25
395#	-53500	-234000#		3.3		0.9					24.9		36.4		
396#	-53750	-234000#	2.4		3.4			2.83	1.74	19.1		32.5		29.83	40.39
397#	-54000	-234000#		3.4		1.9					24.9		40.2		
398#	-54250	-234000#	1.9		5.3			2.49	2.09	14.9		32.5		28.54	26.56
399#	-54500	-234000#		3.8							19.1				
400#	-54750	-234000#	3.8		1.0			2.67	2.81	10.5		34.5		25.4	23.86
401#	-55000	-234000#		1.0		0.9					16.3		55.5		
402#	-55250	-234000#			1.0					14.5		26.8		24.33	21.1
403#	-55500	-234000#		1.0		3.3					17.8		30.6		
404#	-55750	-234000#	0.5		5.3			2.06	2.93	9.6		23		20.7	20.48
405#	-56000	-234000#		1.9		4.8					14.7		26.8		
406#	-56250	-234000#	3.3		3.8			3.55	2.03	10.9		19.1		18.52	26.27
407#	-56500	-234000#		3.4		2.9					16.8		23.0		
408#	-56750	-234000#	2.9		4.8			3.75	2.87	10.3		21.1		17.79	19.6
409#	-57000	-234000#		5.3		3.4					15.5		24.9		
410#	-57250	-234000#	2.9		3.8			3.21	2.69	13		19.1		18.52	21.1
411#	-57500	-234000#		1.9							14.7				
412#	-57750	-234000#	0.9		2.4			2.03	2.93	21.1		21.1		22.02	20.51
413#	-58000	-234000#		2.9		1.9					21.1		28.7		
414#	-58250	-234000#	3.4		2.4			2.24	2.1	14.9		24.9		22.24	21.01
415#	-58500	-234000#		1.9		0.5					21.1		28.7		
416#	-58750	-234000#	2.9		1.9			1.85	1.73	15.5		23		22.22	25.31
417#	-59000	-234000#		0.9		0.5					17.2		32.5		
418#	-59250	-234000#	0.9		2.4			1.09	1.85	17.2		23		24.01	23.47
419#	-59500	-234000#		0.5		0.5					23		32.5		
420#	-59750	-234000#	0.5		1.9			1.08	1.01	15.3		32.5		25.28	26.56
421#	-60000	-234000#		2.4		0.9					24.9		36.4		
422#	-60250	-234000#	0.5		0.9			1.10	0.9	19.1		28.7		28.71	33.74
423#	-60500	-234000#		0.9							24.9				
424#	-60750	-234000#			0.5					23		36.4		35.41	40.2

[illegible]

AFTER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 2380S 500 FEET ??-??-?? ENVELOP
IP 585W TO 35W LENGTH 55 000 FEET
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
1#	-3500	-238000#					2.8						233.5		
2#	-3750	-238000#			2.4							451.7			
3#	-4000	-238000#		2.4		2.4					237.4		350.3		
4#	-4250	-238000#	3.8		1.0					151.2		210.6			
5#	-4500	-238000#		1.4		1.4					183.8		208.6		
6#	-4750	-238000#	2.3		1.9			2.24	3.08	166.5		218.2		238.87	473.27
7#	-5000	-238000#		2.5		2.9					224		365.6		
8#	-5250	-238000#	3.7		4.4			3.04	2.44	335		402		440.49	300.04
9#	-5500	-238000#		2.9							746.5				
10#	-5750	-238000#	3.4		3.8			3.23	2.57	283.3		736.9		478.06	231.61
11#	-6000	-238000#		2.4		2.9					325.4		893.9		
12#	-6250	-238000#	2.9		1.9			2.92	3.49	225.9		570.4		367.68	340.48
13#	-6500	-238000#		2.4		4.7					187.6		310.1		
14#	-6750	-238000#	2.9		3.3			3.04	3.67	181.8		222		294.94	274.92
15#	-7000	-238000#		2.4		2.3					281.4		231.6		
16#	-7250	-238000#	2.8		4.4			3.38	3.13	185.7		294.8		217.81	371.58
17#	-7500	-238000#		3.0		4.5					212.5		168.4		
18#	-7750	-238000#	2.9		3.8			3.71	3.13	90		118.7		148.59	205.05
19#	-8000	-238000#		3.8		5.3					57.4		197.2		
20#	-8250	-238000#	3.3		5.3			3.75	3.45	63.2		97.6		124.42	198.59
21#	-8500	-238000#		3.3							114.8				
22#	-8750	-238000#	2.9		3.3			3.61	3.82	90		254.6		164.86	104.32
23#	-9000	-238000#		3.5		1.9					216.3		208.6		
24#	-9250	-238000#	3.4		3.4			3.49	3.82	103.4		187.6		159.75	139.73
25#	-9500	-238000#		1.9		5.3					84.2		266.1		
26#	-9750	-238000#	2.4		4.3			3.30	3.91	72.7		103.4		136.38	351.48
27#	-10000	-238000#		3.8		5.3					112.9		135.9		
28#	-10250	-238000#	3.8		3.7			4.15	2.75	199.1		197.2		258.45	205.77
29#	-10500	-238000#		3.8		3.8					423		235.4		
30#	-10750	-238000#	2.9		4.8			3.84	4.2	222		505.3		311.93	207.92
31#	-11000	-238000#		4.2		4.3					302.4		555.1		
32#	-11250	-238000#	3.8		3.3			4.02	3.6	208.6		359.9		302.83	250.51
33#	-11500	-238000#		3.8							250.8				
34#	-11750	-238000#	2.8		3.9			3.55	3.87	231.6		302.4		287.84	271.09
35#	-12000	-238000#		3.9		4.8					302.4		220.1		
36#	-12250	-238000#	4.8		4.4			3.91	3.79	252.7		231.6		249.48	313.44
37#	-12500	-238000#		3.9		1.9					206.7		260.3		
38#	-12750	-238000#	4.3		1.9			3.72	3.56	179.9		237.4		225.07	246.21
39#	-13000	-238000#		2.4		3.7					158.9		220.1		
40#	-13250	-238000#	2.4		3.8			2.84	4.1	109.1		158.9		209.32	184.71
41#	-13500	-238000#		2.0		5.6					124.4		612.5		
42#	-13750	-238000#	3.3		2.9			3.53	2.59	67		342.6		203.38	176.58
43#	-14000	-238000#		3.7		4.3					197.2		268.0		
44#	-14250	-238000#	2.4		3.4			3.39	2.82	162.7		155		225.63	136.62
45#	-14500	-238000#		3.8							122.5				

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
46#	-14750	-238000#	1.4	2.9		2.73		3.02	47.9		155		135.35	262.72	
47#	-15000	-238000#		1.9	2.9					74.7		206.7			
48#	-15250	-238000#	1.0	3.4		2.29		3.11	103.4		109.1		163.5	152.65	
49#	-15500	-238000#		1.9	2.9					189.5		290.9			
50#	-15750	-238000#	1.9	2.4		2.76		2.28	105.3		243.1		171	157.2	
51#	-16000	-238000#		3.4	4.3					149.3		250.8			
52#	-16250	-238000#	3.8	4.3		3.23		3.01	126.3		137.8		181.44	177.3	
53#	-16500	-238000#		2.4	2.4					151.2		235.4			
54#	-16750	-238000#	2.9	3.8		3.19		3.2	147.4		225.9		191.02	253.62	
55#	-17000	-238000#		3.5	1.2					218.2		210.6			
56#	-17250	-238000#	3.3	4.7		3.19		3.35	193.3		235.4		245.65	204.81	
57#	-17500	-238000#		2.8						214.4					
58#	-17750	-238000#	2.4	2.9		3.02		2.92	151.2		398.1		246.13	223.48	
59#	-18000	-238000#		2.9	4.1					241.2		413.5			
60#	-18250	-238000#	1.4	3.3		2.80		3.29	187.6		277.6		262.48	187.59	
61#	-18500	-238000#		2.8	4.2					254.6		281.4			
62#	-18750	-238000#	2.8	3.3		3.40		3.36	174.2		233.5		221.16	242.14	
63#	-19000	-238000#		3.8	2.9					147.4		239.3			
64#	-19250	-238000#	3.4	3.8		3.77		3.36	168.4		164.6		200.79	262	
65#	-19500	-238000#		4.8	4.9					199.1		202.9			
66#	-19750	-238000#	2.4	2.9		3.52		3.63	158.9		264.2		199.31	178.25	
67#	-20000	-238000#		3.9	4.3					204.8		239.3			
68#	-20250	-238000#	3.3	3.4		3.65		3.9	118.7		199.1		175.7	174.67	
69#	-20500	-238000#		2.9						126.3					
70#	-20750	-238000#	4.4	3.8		4.06		3.61	109.1		151.2		157.92	181.37	
71#	-21000	-238000#		4.8	4.4					126.3		199.1			
72#	-21250	-238000#	3.9	4.4		3.89		3.78	134		176.1		163.02	169.16	
73#	-21500	-238000#		2.8	3.8					176.1		224.0			
74#	-21750	-238000#	2.8	2.9		3.47		3.12	189.5		208.6		183.08	181.84	
75#	-22000	-238000#		2.3	4.2					210.6		141.6			
76#	-22250	-238000#	1.9	4.8		3.16		3.91	218.2		122.5		187.71	230.65	
77#	-22500	-238000#		4.4	5.3					128.2		157.0			
78#	-22750	-238000#	3.9	3.4		3.99		2.8	204.8		168.4		208.32	303.15	
79#	-23000	-238000#		3.9	1.4					277.6		264.2			
80#	-23250	-238000#	2.8	4.7		3.24		4.07	201		423		298.45	212.23	
81#	-23500	-238000#		2.4						373.3					
82#	-23750	-238000#	3.2	3.4		3.29		2.83	170.4		386.7		315.75	227.3	
83#	-24000	-238000#		3.8	2.9					222		603.0			
84#	-24250	-238000#	1.0	3.3		2.50		2.58	160.8		325.4		289.91	265.83	
85#	-24500	-238000#		1.4	5.0					224		382.8			
86#	-24750	-238000#	2.8	2.4		2.56		2.45	185.7		359.9		270.93	186.87	
87#	-25000	-238000#		2.3	2.4					179.9		269.9			
88#	-25250	-238000#	2.4	1.9		2.45		2.54	135.9		254.6		204.89	295.5	
89#	-25500	-238000#		2.3	1.9					130.2		275.6			
90#	-25750	-238000#	1.9	2.0		2.21		2.96	124.4		164.6		171.16	187.35	
91#	-26000	-238000#		3.3	2.4					149.3		147.4			
92#	-26250	-238000#	2.4	1.9		2.58		2.5	88.1		149.3		135.43	147.39	
93#	-26500	-238000#		3.3						95.7					
94#	-26750	-238000#	2.4	2.4		2.71		2.4	47.9		105.3		103.36	124.18	
95#	-27000	-238000#		2.4	3.3					95.7		151.2			
96#	-27250	-238000#	1.0	3.4		2.42		2.81	53.6		153.1		94.35	84.94	

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M				
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****
97#	-27500	-238000#		2.8		3.3					105.3		103.4			
98#	-27750	-238000#	3.4		3.4			3.17	2.83	65.1		59.3			84.14	87.81
99#	-28000	-238000#		3.3		2.4					44		97.6			
100#	-28250	-238000#	3.8		2.9			3.29	2.82	49.8		65.1			68.75	104.56
101#	-28500	-238000#		2.9		2.9					76.6		65.1			
102#	-28750	-238000#	1.4		3.4			2.47	2.94	47.9		80.4			73.46	61.49
103#	-29000	-238000#		2.5		3.4					63.2		120.6			
104#	-29250	-238000#	2.4		2.4			2.60	2.58	38.3		99.5			67.15	59.34
105#	-29500	-238000#		1.9							67					
106#	-29750	-238000#	1.9		2.9			2.55	2.94	42.1		63.2			62.13	49.77
107#	-30000	-238000#		3.4		2.4					45.9		67.0			
108#	-30250	-238000#	2.4		2.4			2.91	2.87	28.7		51.7			43.71	65.08
109#	-30500	-238000#		3.3		3.3					34.5		47.9			
110#	-30750	-238000#	3.3		3.8			3.19	2.82	30.6		44			43.63	44.26
111#	-31000	-238000#		2.9		2.9					44		44.0			
112#	-31250	-238000#	2.4		3.8			3.04	3.04	26.8		45.9			40.87	44.26
113#	-31500	-238000#		2.9		3.3					28.7		70.8			
114#	-31750	-238000#	2.3					3.18	3.22	19.1		45.9			38.84	43.07
115#	-32000	-238000#		3.4		2.9					34.5		57.4			
116#	-32250	-238000#	2.4		4.8			3.34	2.8	21.1		49.8			42.99	43.31
117#	-32500	-238000#		3.4							32.5					
118#	-32750	-238000#	1.4		3.8			2.93	3.83	26.8		61.3			47.61	52.16
119#	-33000	-238000#		2.9		3.8					49.8		67.0			
120#	-33250	-238000#	3.8		2.9			3.79	4.01	44		55.5			57.9	57.66
121#	-33500	-238000#		4.8		3.4					53.6		76.6			
122#	-33750	-238000#	7.7		4.3			4.91	3.63	38.3		74.7			61.53	83.5
123#	-34000	-238000#		4.3		4.3					57.4		72.7			
124#	-34250	-238000#	5.3					3.91	3.59	44		61.3			73.73	66.04
125#	-34500	-238000#		1.4							51.7		137.8			
126#	-34750	-238000#	0.5		2.3			2.39	3.53	34.5		130.2			82.15	77.76
127#	-35000	-238000#		1.5		4.7					93.8		143.6			
128#	-35250	-238000#	1.0		3.8			2.65	3.06	61.3		118.7			101.13	67.95
129#	-35500	-238000#		2.8							101.4					
130#	-35750	-238000#	1.9		3.3			3.30	3.61	59.3		88.1			91.32	123.22
131#	-36000	-238000#		2.9		3.8					65.1		118.7			
132#	-36250	-238000#	4.8		3.9			4.34	3.46	74.7		91.9			106.63	110.3
133#	-36500	-238000#		4.4		5.8					128.2		107.2			
134#	-36750	-238000#	2.4		5.2			3.88	3.7	67		149.3			113.05	75.61
135#	-37000	-238000#		3.9		4.8					90		210.6			
136#	-37250	-238000#	3.3		3.8			4.01	4.01	42.1		132.1			96.31	95.23
137#	-37500	-238000#		3.3		4.3					63.2		170.4			
138#	-37750	-238000#	3.3		4.3			4.17	4.73	65.1		80.4			99.22	84.7
139#	-38000	-238000#		7.1		3.8					78.5		95.7			
140#	-38250	-238000#	5.3		3.4			4.85	3.6	61.3		93.8			83.82	95.23
141#	-38500	-238000#		3.3							72.7					
142#	-38750	-238000#	3.4		5.3			3.76	4.27	65.1		61.3			75.29	102.65
143#	-39000	-238000#		3.3		5.7					57.4		93.8			
144#	-39250	-238000#	3.3		3.8			3.67	3.19	55.5		93.8			83.58	88.05
145#	-39500	-238000#		2.9		2.9					103.4		74.7			
146#	-39750	-238000#	2.9		3.4			3.20	2.8	55.5		120.6			91.36	72.74
147#	-40000	-238000#		2.4		3.6					74.7		151.2			

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ.	EFFECT					APP. R	ESIST O	HM.M		
No	X	Y	# N=1 N=2 N=3 N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P		
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
148#	-40250	-238000#	0.9 2.9 2.33	3.17	32.5		93.8		80.67	80.63		
149#	-40500	-238000#	2.4 3.4			51.7		153.1				
150#	-40750	-238000#	0.9 2.4 2.10	2.49	32.5		97.6		82.79	64.84		
151#	-41000	-238000#	1.4 2.4			74.7		112.9				
152#	-41250	-238000#	1.0 2.0 2.12	2.01	40.2		97.6		74.89	62.93		
153#	-41500	-238000#	1.9			57.4						
154#	-41750	-238000#	1.5 6.0 2.06	1.92	36.4		72.7		57.5	64.12		
155#	-42000	-238000#	1.9 1.4			55.5		45.9				
156#	-42250	-238000#	0.9 1.0 1.88	2.14	32.5		38.3		42.59	73.69		
157#	-42500	-238000#	0.5 1.9			28.7		44.0				
158#	-42750	-238000#	0.5 1.9 1.63	2.31	26.8		36.4		44.78	75.85		
159#	-43000	-238000#	1.9 3.8			38.3		49.8				
160#	-43250	-238000#	1.4 3.8 2.20	1.17	19.1		47.9		55.71	42.35		
161#	-43500	-238000#	1.9 3.3			30.6		172.3				
162#	-43750	-238000#	0.9 2.4 2.12	1.68	15.3		120.6		65.72	39.24		
163#	-44000	-238000#	1.7 1.9			61.3		137.8				
164#	-44250	-238000#	1.0 1.9 1.75	2.27	34.5		76.6		72.58	55.75		
165#	-44500	-238000#	1.4			53.6						
166#	-44750	-238000#	1.9 1.0 1.84	2.66	45.9		38.3		66.44	115.09		
167#	-45000	-238000#	1.4 2.9			40.2		49.8				
168#	-45250	-238000#	2.4 0.9 2.40	3.23	53.6		49.8		87.25	112.46		
169#	-45500	-238000#	1.5 3.3			86.1		166.5				
170#	-45750	-238000#	1.4 3.7 3.12	3.91	68.9		170.4		121.55	105.28		
171#	-46000	-238000#	4.3 5.3			179.9		222.0				
172#	-46250	-238000#	2.9 5.7 4.53	3.19	132.1		204.8		160.43	90.2		
173#	-46500	-238000#	4.3 7.1			170.4		132.1				
174#	-46750	-238000#	4.7 6.8 5.53	5.88	128.2		135.9		152.65	232.09		
175#	-47000	-238000#	6.7 6.3			143.6		135.9				
176#	-47250	-238000#	5.5 4.4 6.91	7.18	459.4		145.5		251.71	202.66		
177#	-47500	-238000#	9.0			258.4						
178#	-47750	-238000#	8.5 6.8 8.39	8.03	237.4		321.6		223.56	172.03		
179#	-48000	-238000#	7.7 11.5			306.3		168.4				
180#	-48250	-238000#	7.2 10.6 8.88	7.97	147.4		189.5		179.77	156		
181#	-48500	-238000#	6.4 10.6			111		162.7				
182#	-48750	-238000#	4.8 12.0 8.73	9.47	93.8		97.6		123.42	168.68		
183#	-49000	-238000#	8.6 12.4			90		149.3				
184#	-49250	-238000#	9.1 11.0 10.33	8.21	57.4		141.6		104.84	117.48		
185#	-49500	-238000#	10.1 11.1			95.7		145.5				
186#	-49750	-238000#	6.5 11.0 9.15	6.17	47.9		107.2		98.26	123.94		
187#	-50000	-238000#	6.2 11.9			61.3		157.0				
188#	-50250	-238000#	1.9 8.2 5.46	5.85	105.3		99.5		125.85	125.14		
189#	-50500	-238000#	2.3			229.7						
190#	-50750	-238000#	0.5 3.4 3.09	4.63	189.5		162.7		156.96	93.79		
191#	-51000	-238000#	1.9 1.5			176.1		86.1				
192#	-51250	-238000#	1.4 1.9 1.83	4.11	130.2		105.3		111.82	121.31		
193#	-51500	-238000#	0.5 2.4			72.7		95.7				
194#	-51750	-238000#	0.9 2.4 1.87	2.05	63.2		63.2		74.29	81.83		
195#	-52000	-238000#	2.9 2.5			65.1		65.1				
196#	-52250	-238000#	0.2 3.3 1.82	1.29	19.1		67		49.29	61.9		
197#	-52500	-238000#	0.2 2.9			23		99.5				
198#	-52750	-238000#	0.2 2.4 1.69	1.77	16.7		36.4		40.37	51.68		

*****	*****						*****	*****	*****	*****	*****	*****
#	FREQ. EFFECT								APP. R	ESIST O	HM.M	
No	X	Y #	N=1	N=2	N=3	N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****
199#	-53000	-238000#		1.9		3.4			26.8		53.6	
200#	-53250	-238000#	0.5	1.9		1.80	1.57	23		38.3		41.95
201#	-53500	-238000#		1.9					38.3			
202#	-53750	-238000#	0.5	1.4		1.68	1.96	26.8		51.7		40.6
203#	-54000	-238000#		1.0		2.4			44		57.4	
204#	-54250	-238000#	1.0	2.4		1.72	1.81	34.5		51.7		44.34
205#	-54500	-238000#		1.4					51.7		30.6	
206#	-54750	-238000#	1.4	3.2		1.89	2.63	32.5		34.5		43.75
207#	-55000	-238000#		1.0		2.4			26.8		59.3	
208#	-55250	-238000#	0.5	1.9		2.12	2.1	15.3		49.8		43.83
209#	-55500	-238000#		2.4		2.4			28.7		84.2	
210#	-55750	-238000#	0.5	3.3		2.34	5.84	15.3		55.5		54.63
211#	-56000	-238000#		1.9		5.7			30.6		168.4	
212#	-56250	-238000#	2.4	4.3		4.32	2.2	15.3		103.4		61.33
213#	-56500	-238000#		4.3					55.5			
214#	-56750	-238000#	2.4	3.4		4.33	2.28	61.3		23		65.32
215#	-57000	-238000#		1.8		16.0			23			
216#	-57250	-238000#	1.4	2.9		3.35	3.07	32.5		34.5		38.68
217#	-57500	-238000#		1.9		3.4			40.2		45.9	
218#	-57750	-238000#	1.9	2.4		3.03	2.19	42.1		59.3		55.59
219#	-58000	-238000#		1.5		2.4			76.6		57.4	
220#	-58250	-238000#				2.4				80.4		
221#	-58500	-238000#				1.9					88.1	
*****	*****						*****	*****	*****	*****	*****	*****

AFTER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 2420S 500 FEET ??-??-?? ENVELOP
IP 235W-445E LENGTH 68000 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH =-Y

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	44500	-242000#					4.8							34.5	
2#	44250	-242000#			4.8							17.6			
3#	44000	-242000#		1.9		4.8					10.5		24.9		
4#	43750	-242000#	1.9		7.2					8.2		16.3			
5#	43500	-242000#		3.8		4.3					13.6		26.8		
6#	43250	-242000#	3.1		5.7		4.24		4.12	10.7		24.9		21.53	19.86
7#	43000	-242000#		4.8							21.1		24.9		
8#	42750	-242000#	4.8		3.8		4.74		4.58	9.6		44		23.45	22.71
9#	42500	-242000#		7.6		2.9					23		42.1		
10#	42250	-242000#	3.3		1.4		4.30		3.95	10.9		23		25.98	29.74
11#	42000	-242000#		3.8		5.7					21.1		32.5		
12#	41750	-242000#	1.4		5.3		3.20		3.77	15.9		32.5		30.73	28.21
13#	41500	-242000#		3.8		5.3					28.7		51.7		
14#	41250	-242000#	1.4		1.9		3.37		3.29	15.7		51.7		32.92	28.31
15#	41000	-242000#		3.3		4.8					30.6		59.3		
16#	40750	-242000#	3.4		3.8		3.69		4.07	23		38.3		35.41	33.55
17#	40500	-242000#		3.4		3.4					32.5		38.3		
18#	40250	-242000#	4.3		3.3		4.09		3.77	28.7		30.6		36.41	45.46
19#	40000	-242000#		3.8		6.7					30.6		38.3		
20#	39750	-242000#	3.4		3.8		3.94		4.07	28.7		42.1		40.32	51.92
21#	39500	-242000#		3.8		4.3					40.2		57.4		
22#	39250	-242000#	4.8		3.9		4.40		2.49	36.4		59.3		53.2	39.96
23#	39000	-242000#		4.3		5.3					65.1		78.5		
24#	38750	-242000#	0.5		2.4		2.58		4.28	32.5		95.7		56.23	56.47
25#	38500	-242000#		3.3							59.3				
26#	38250	-242000#	1.2		1.9		2.77		4.01	40.2		91.9		64.36	62.93
27#	38000	-242000#		1.4		0.3					68.9		7.7		
28#	37750	-242000#	1.4		2.9		3.30		4.34	38.3		70.8		64.92	64.6
29#	37500	-242000#		1.4		9.5					49.8		114.8		
30#	37250	-242000#	1.9		7.2		4.53		4.07	32.5		90		61.33	65.56
31#	37000	-242000#		6.2		9.1					65.1		111.0		
32#	36750	-242000#	5.8		8.2		6.83		4.62	59.3		84.2		75.77	43.55
33#	36500	-242000#		8.2		6.2					90		61.3		
34#	36250	-242000#	11.0		6.2		8.56		7.65	68.9		68.9		71.78	102.89
35#	36000	-242000#		9.6		3.8					59.3		53.6		
36#	35750	-242000#	7.2		9.6		7.48		7.13	82.3		51.7		85.58	120.83
37#	35500	-242000#		5.7							88.1				
38#	35250	-242000#	1.4		9.5		5.57		5.33	61.3		158.9		114.13	80.63
39#	35000	-242000#		3.8		10.0					147.4		164.6		
40#	34750	-242000#	0.5		5.2		4.65		4.72	42.1		179.9		120.03	59.1
41#	34500	-242000#		1.4		10.1					68.9		224.0		
42#	34250	-242000#	1.4		5.8		4.42		6.34	24.9		109.1		89.25	95.71
43#	34000	-242000#		3.8		5.8					44		153.1		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	#	FREQ.	EFFECT				APP. R	ESIST O	HM.M
*****	X	Y #	N=1 N=2 N=3 N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
44#	33750 -242000#	5.3	5.3 6.03	6.22	36.4		78.5		81.67 96.66
45#	33500 -242000#	5.3	6.7			78.5		70.8	
46#	33250 -242000#	4.8	8.1 6.49	6.42	44		80.4		74.65 94.99
47#	33000 -242000#	7.6	9.1			51.7		111.0	
48#	32750 -242000#	3.9	9.1 6.81	4.74	59.3		74.7		76.96 104.08
49#	32500 -242000#	6.3				88.1			
50#	32250 -242000#	3.3	8.6 5.79	5.44	107.2		112.9		106.31 75.13
51#	32000 -242000#	4.4	7.7			132.1		86.1	
52#	31750 -242000#	5.7	5.3 5.20	5.22	72.7		112.9		96.5 100.01
53#	31500 -242000#	3.8	3.8			74.7		126.3	
54#	31250 -242000#	3.4	3.3 3.98	4.03	68.9		91.9		94.35 164.62
55#	31000 -242000#	3.4	4.3			109.1		99.5	
56#	30750 -242000#	1.9	3.9 2.94	4.43	170.4		120.6		150.38 87.57
57#	30500 -242000#	2.9	3.4			193.3		120.6	
58#	30250 -242000#	1.9	1.9 2.84	3.15	70.8		206.7		126.09 120.59
59#	30000 -242000#	2.9	3.4			95.7		214.4	
60#	29750 -242000#	4.8	2.8 3.30	2.86	65.1		105.3		119.31 145.71
61#	29500 -242000#	2.4				88.1			
62#	29250 -242000#	2.8	2.4 2.67	2.76	86.1		107.2		139.81 128.49
63#	29000 -242000#	1.9	3.3			116.8		206.7	
64#	28750 -242000#	3.3	1.9 2.53	2.77	55.5		241.2		140.85 119.39
65#	28500 -242000#	1.9	3.3			143.6		237.4	
66#	28250 -242000#	2.9	1.9 2.52	3.01	76.6		160.8		143.44 133.51
67#	28000 -242000#	2.4	2.0			111		179.9	
68#	27750 -242000#	2.4	2.9 2.55	2.66	97.6		137.8		137.54 213.67
69#	27500 -242000#	1.9	2.4			128.2		135.9	
70#	27250 -242000#	3.2	2.4 2.72	2.84	202.9		118.7		194.05 217.97
71#	27000 -242000#	1.4	4.9			202.9		222.0	
72#	26750 -242000#	1.9	3.3 2.77	2.69	134		428.8		230.89 182.56
73#	26500 -242000#	3.4				312			
74#	26250 -242000#	1.4	2.9 3.08	3.41	162.7		396.2		254.66 159.35
75#	26000 -242000#	3.9	4.4			218.2		294.8	
76#	25750 -242000#	3.9	2.3 4.02	4.16	149.3		193.3		208.72 216.54
77#	25500 -242000#	3.8	3.8			147.4		237.4	
78#	25250 -242000#	4.8	5.2 4.35	4.24	122.5		206.7		162.82 269.18
79#	25000 -242000#	0.6	6.3			21.1		179.9	
80#	24750 -242000#	3.3	6.7 4.29	4.13	218.2		208.6		208.08 182.56
81#	24500 -242000#	4.8	8.1			229.7		254.6	
82#	24250 -242000#	5.3	3.7 5.27	3.63	95.7		310.1		190.38 176.34
83#	24000 -242000#	3.3	5.7			143.6		315.8	
84#	23750 -242000#	3.8	4.7 4.39	4.52	105.3		168.4		189.5 168.92
85#	23500 -242000#	3.3				143.6			
86#	23250 -242000#	3.9	4.7 3.89	3.45	80.4		233.5		171.4 157.68
87#	23000 -242000#	2.9	4.4			160.8		245.0	
88#	22750 -242000#	2.4	2.9 2.82	3.76	76.6		195.2		148.11 126.33
89#	22500 -242000#	1.4	3.4			120.6		201.0	
90#	22250 -242000#	4.3	2.9 3.12	3.05	59.3		139.7		114.85 110.78
91#	22000 -242000#	3.4	1.9			86.1		111.0	
92#	21750 -242000#	3.3	1.9 2.90	2.79	67		78.5		91.16 127.53
93#	21500 -242000#	2.4	2.9			67		78.5	
94#	21250 -242000#	1.0	2.9 1.94	2.48	34.5		74.7		66.2 93.55

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	#	FREQ.	EFFECT				APP. R	ESIST O	HM.M
*****	X	Y #	N=1 N=2 N=3 N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
95#	21000 -242000#	1.0	2.9			47.9		103.4	
96#	20750 -242000#	1.0	2.9 1.87	1.85	26.8		72.7		60.85 65.8
97#	20500 -242000#	1.4				42.1			
98#	20250 -242000#	1.9	1.9 2.15	2.1	19.1		91.9		59.26 47.61
99#	20000 -242000#	2.4	2.4			49.8		93.8	
100#	19750 -242000#	2.4	1.4 2.26	2.35	26.8		55.5		51.04 55.99
101#	19500 -242000#	1.9				38.3			
102#	19250 -242000#	2.9	1.4 2.20	2.37	34.5		40.2		49.61 111.74
103#	19000 -242000#	1.9	3.3			42.1		47.9	
104#	18750 -242000#	2.9	2.29	2.17	32.5		53.6		68.75 71.3
105#	18500 -242000#	2.9	1.9			53.6		80.4	
106#	18250 -242000#	1.4	0.9 2.11	1.91	28.7		84.2		80.08 87.09
107#	18000 -242000#	0.9	2.8			49.8		277.6	
108#	17750 -242000#	3.3	3.9 2.25	3.24	40.2		176.1		110.62 69.39
109#	17500 -242000#	2.8				174.2			
110#	17250 -242000#	3.4	1.0 3.50	1.73	105.3		137.8		133.99 78.96
111#	17000 -242000#	9.6	1.0			116.8		114.8	
112#	16750 -242000#	2.9	0.5 2.81	2.37	114.8		101.4		104.08 197.4
113#	16500 -242000#	0.5	4.3			130.2		47.9	
114#	16250 -242000#	1.4	2.4 1.43	2.27	245		63.2		153.73 128.01
115#	16000 -242000#	0.5	1.0			124.4		68.9	
116#	15750 -242000#	1.4	2.8 1.52	0.96	55.5		128.2		108.07 120.83
117#	15500 -242000#	0.5	1.4			63.2		348.4	
118#	15250 -242000#	0.5	1.9 1.07	1.68	34.5		172.3		114.69 82.79
119#	15000 -242000#		0.5			105.3		181.8	
120#	14750 -242000#	1.0	2.4 1.24	1.49	42.1		120.6		122.03 113.65
121#	14500 -242000#	0.9				55.5			
122#	14250 -242000#	1.0	1.5 1.42	2.28	38.3		86.1		115.73 204.33
123#	14000 -242000#	1.5	1.4			76.6		187.6	
124#	13750 -242000#	1.4	0.5 2.16	2.71	68.9		193.3		174.83 144.28
125#	13500 -242000#	1.4	4.3			210.6		306.3	
126#	13250 -242000#	1.4	4.9 3.06	2.93	84.2		409.6		204.45 138.78
127#	13000 -242000#	5.7	4.7			212.5		277.6	
128#	12750 -242000#	2.9	4.8 3.97	2.4	132.1		155		206.37 185.67
129#	12500 -242000#	2.4	4.9			101.4		306.3	
130#	12250 -242000#	3.9	2.2 4.07	4.23	124.4		216.3		193.81 293.82
131#	12000 -242000#	4.3	5.8			266.1		214.4	
132#	11750 -242000#	2.9	4.9 3.98	4.04	317.7		231.6		285.37 189.98
133#	11500 -242000#	3.9				262.2			
134#	11250 -242000#	4.3	4.7 4.38	3.8	172.3		338.8		238.39 269.42
135#	11000 -242000#	3.4	4.5			210.6		371.3	
136#	10750 -242000#	3.9	4.4 4.08	4.03	202.9		220.1		256.81 204.57
137#	10500 -242000#	3.9	4.4			245		258.4	
138#	10250 -242000#	4.2	4.2 3.88	4.12	151.2		298.6		223 221.08
139#	10000 -242000#	2.9	4.2			179.9		302.4	
140#	9750 -242000#	5.2	2.3 4.07	4	134		193.3		200.23 217.73
141#	9500 -242000#	3.9	3.9			160.8		231.6	
142#	9250 -242000#	3.9	4.2 3.69	5.61	84.2		212.5		170.76 220.37
143#	9000 -242000#	3.4	3.8			124.4		254.6	
144#	8750 -242000#	1.4	3.3 4.37	3.22	84.2		174.2		182.32 180.41
145#	8500 -242000#	1.9				135.9			

****	*****							*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
146#	8250	-242000#	1.9		23.9			4.26	2.53	63.2		392.4			187.91	149.54
147#	8000	-242000#		1.9		1.0					243.1		279.5			
148#	7750	-242000#	2.4		2.4			3.97	2.56	99.5		201			185.99	119.39
149#	7500	-242000#		0.5		5.3					112.9		195.2			
150#	7250	-242000#	2.9		3.4			2.42	4.42	42.1		130.2			118.12	166.53
151#	7000	-242000#		4.3		1.0					59.3		201.0			
152#	6750	-242000#	1.9		1.0			2.16	1.37	63.2		101.4			111.14	138.3
153#	6500	-242000#		0.5		1.4					118.7		124.4			
154#	6250	-242000#	1.9		1.9			1.25	2.28	47.9		158.9			101.53	87.33
155#	6000	-242000#		0.9		1.4					78.5		128.2			
156#	5750	-242000#	1.5		0.5			1.09	1.33	44		65.1			79.6	104.56
157#	5500	-242000#		0.5							44					
158#	5250	-242000#	1.5		0.9			1.12	1.49	44		55.5			75.77	81.11
159#	5000	-242000#		0.5		0.5					63.2		107.2			
160#	4750	-242000#	1.0		0.5			1.20	1.79	26.8		126.3			70.27	53.84
161#	4500	-242000#				3.9					57.4		134.0			
162#	4250	-242000#			3.4					23		86.1			60.77	59.1
163#	4000	-242000#		2.4		0.9					30.6		72.7			
164#	3750	-242000#	2.9		2.4			2.64	1.75	28.7		34.5			53.28	84.94
165#	3500	-242000#		0.9		4.3					32.5		61.3			
166#	3250	-242000#	2.4		1.9			2.48	3.07	40.2		59.3			63.01	79.68
167#	3000	-242000#		1.9		4.8					74.7		103.4			
168#	2750	-242000#	0.5		3.9			2.64	1.91	36.4		143.6			78.96	64.6
169#	2500	-242000#		1.9							74.7					
170#	2250	-242000#	0.9		5.3			2.84	2.4	36.4		97.6			86.77	96.43
171#	2000	-242000#		4.8		4.3					51.7		149.3			
172#	1750	-242000#	1.4		2.4			2.92	3.42	45.9		88.1			104.4	127.05
173#	1500	-242000#		3.8		0.5					95.7		160.8			
174#	1250	-242000#	3.4		1.6			3.18	4.39	74.7		199.1			138.66	105.28
175#	1000	-242000#		1.4		3.8					183.8		199.1			
176#	750	-242000#	5.4		6.2			3.97	4.21	95.7		206.7			150.66	112.93
177#	500	-242000#		5.2		4.8					124.4		193.3			
178#	250	-242000#	5.8		3.4			5.04	3.54	90		124.4			136.94	159.59
179#	0	-242000#		5.3		4.8					111		151.2			
180#	-250	-242000#	5.7		4.4			4.93	4.84	130.2		145.5			147.55	171.56
181#	-500	-242000#		5.7							183.8					
182#	-750	-242000#	3.9		3.8			4.46	4.78	218.2		166.5			181.05	136.86
183#	-1000	-242000#		4.2		4.2					176.1		157.0			
184#	-1250	-242000#	4.3		4.7			4.45	4.89	122.5		162.7			149.3	151.94
185#	-1500	-242000#		3.8		4.9					130.2		195.2			
186#	-1750	-242000#	4.8		5.7			4.83	4.48	103.4		172.3			138.1	134.71
187#	-2000	-242000#		5.5		5.2					176.1		111.0			
188#	-2250	-242000#	4.4		4.8			4.82	4.08	114.8		109.1			131.4	139.97
189#	-2500	-242000#		3.9		5.3					90		128.2			
190#	-2750	-242000#	3.3		4.8			4.22	4.92	88.1		116.8			116.84	165.57
191#	-3000	-242000#		3.8		5.2					141.6		145.5			
192#	-3250	-242000#	3.8		3.8			4.40	4.13	97.6		179.9			142.6	93.79
193#	-3500	-242000#		2.8							134					
194#	-3750	-242000#	3.3		6.6			4.17	5.26	49.8		212.5			121.55	103.6
195#	-4000	-242000#		3.9		5.8					91.9		222.0			
196#	-4250	-242000#	5.7		4.8			5.44	3.94	57.4		97.6			106.71	125.14

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
#	FREQ. EFFECT						APP. R	ESIST O	HM.M
No	X	Y	#	N=1 N=2 N=3 N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4 FRASER MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
197#	-4500	-242000#	5.3	3.8			76.6		112.9
198#	-4750	-242000#	4.8	5.3 4.83	4.07	78.5		97.6	110.06 172.75
199#	-5000	-242000#	3.3	8.1			122.5		112.9
200#	-5250	-242000#	2.8	4.3 3.78	4.2	178		149.3	155.88 150.5
201#	-5500	-242000#	3.3	4.0			183.8		141.6
202#	-5750	-242000#	2.9	2.4 3.52	3.47	147.4		172.3	164.3 166.77
203#	-6000	-242000#	2.8	3.9			149.3		243.1
204#	-6250	-242000#	2.8	1.4 2.94	4.13	216.3		210.6	196.04 168.68
205#	-6500	-242000#	2.3				210.6		
206#	-6750	-242000#	3.4	2.7 3.21	3.47	191.4		222	200.83 156.24
207#	-7000	-242000#	2.3	4.7			210.6		174.2
208#	-7250	-242000#	4.3	4.8 3.77	3.34	139.7		166.5	164.78 203.86
209#	-7500	-242000#	2.8	3.8			122.5		187.6
210#	-7750	-242000#	3.3	4.4 3.87	3.16	134		145.5	164.1 197.64
211#	-8000	-242000#	4.4	4.2			191.4		162.7
212#	-8250	-242000#	3.3	3.6 3.79	4.1	158.9		214.4	187.75 144.76
213#	-8500	-242000#	4.3	4.2			197.2		235.4
214#	-8750	-242000#	4.7	3.3 3.97	4.55	105.3		239.3	168.76 170.36
215#	-9000	-242000#	2.8	2.5			147.4		206.7
216#	-9250	-242000#	4.7	4.8 4.31	3.82	112.9		134	166.69 206.49
217#	-9500	-242000#	5.3				116.8		
218#	-9750	-242000#	3.9	5.8 4.02	3.62	120.6		224	192.29 237.59
219#	-10000	-242000#	2.4	4.7			256.5		225.9
220#	-10250	-242000#	3.4	3.1 3.68	3.95	245		235.4	266.54 162.46
221#	-10500	-242000#	3.8	4.3			225.9		359.9
222#	-10750	-242000#	1.4	4.2 3.41	4.04	107.2		321.6	214.78 260.56
223#	-11000	-242000#	4.8	2.4			170.4		373.3
224#	-11250	-242000#	3.8	5.2 4.10	3.56	164.6		208.6	240.19 211.51
225#	-11500	-242000#	3.4	3.8			229.7		235.4
226#	-11750	-242000#	3.9	5.2 3.81	4.33	149.3		271.8	238.39 253.62
227#	-12000	-242000#	2.9	4.2			220.1		346.5
228#	-12250	-242000#	4.8	3.9 4.25	3.77	191.4		302.4	255.46 254.34
229#	-12500	-242000#	5.1				367.5		
230#	-12750	-242000#	4.3	3.3 4.05	4.14	285.2		237.4	285.21 224.43
231#	-13000	-242000#	2.7	4.3			248.8		216.3
232#	-13250	-242000#	4.7	3.9 3.99	4.1	174.2		229.7	223.08 290.23
233#	-13500	-242000#	3.7	4.3			170.4		310.1
234#	-13750	-242000#	4.2	4.3 4.01	4.08	141.6		237.4	221 196.44
235#	-14000	-242000#	3.9	3.8			216.3		294.8
236#	-14250	-242000#	6.0	3.8 4.39	3.54	107.2		269.9	208.96 177.06
237#	-14500	-242000#	3.3	3.4			145.5		392.4
238#	-14750	-242000#	2.4	3.8 3.20	3.85	91.9		225.9	194.05 202.66
239#	-15000	-242000#	3.4	4.3			170.4		216.3
240#	-15250	-242000#	3.3	2.0 3.25	3.33	137.8		179.9	199.23 210.8
241#	-15500	-242000#	2.8				189.5		
242#	-15750	-242000#	2.9	2.8 3.12	2.87	158.9		164.6	198.83 234.72
243#	-16000	-242000#	3.4	3.4			160.8		258.4
244#	-16250	-242000#	3.3	3.8 2.87	2.46	122.5		271.8	212.71 184.95
245#	-16500	-242000#	1.0	3.2			254.6		292.9
246#	-16750	-242000#	2.8	2.9 2.32	2.82	149.3		298.6	221.36 189.74
247#	-17000	-242000#	1.0	1.9			197.2		275.6

[illegible]

AFTER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 2460S 500 FEET 12-11-63 ENVELOP
IP 645W TO 45E LENGTH 69000 FEET
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE

*****	*****						*****	*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	4500	-246000#					2.9							300.5		
2#	4250	-246000#			2.4							143.6				
3#	4000	-246000#		3.9		0.5					279.5		30.6			
4#	3750	-246000#	2.8		3.7					176.1		287.1				
5#	3500	-246000#		4.2		3.4					246.9		312.0			
6#	3250	-246000#	1.9		3.2			2.84	3.08	107.2		319.7			188.9	190.94
7#	3000	-246000#		1.9		6.0					90		426.9			
8#	2750	-246000#	4.3		2.4			3.31	3.28	139.7		157			185.95	210.32
9#	2500	-246000#		2.5		3.3					191.4		132.1			
10#	2250	-246000#	4.4		2.9			3.64	3.54	114.8		151.2			201.22	255.78
11#	2000	-246000#		3.8		2.9					273.7		145.5			
12#	1750	-246000#	2.9		3.9			3.56	3.54	183.8		277.6			238.35	228.74
13#	1500	-246000#		4.8		3.8					229.7		344.5			
14#	1250	-246000#	1.9		3.8			3.14	3.36	111		319.7			224.99	205.77
15#	1000	-246000#		2.4		3.8					162.7		451.7			
16#	750	-246000#	2.4		2.9			3.17	3.79	112.9		239.3			235.28	191.41
17#	500	-246000#		2.8							185.7					
18#	250	-246000#	2.4		4.4			3.62	4.08	114.8		315.8			223.08	237.83
19#	0	-246000#		4.3		4.4					206.7		290.9			
20#	-250	-246000#	4.4		4.7			4.74	4.43	168.4		214.4			230.18	256.97
21#	-500	-246000#		5.2		5.3					199.1		231.6			
22#	-750	-246000#	5.7		5.3			5.47	5.97	178		241.2			241.14	328.28
23#	-1000	-246000#		6.1		5.3					245		354.1			
24#	-1250	-246000#	4.2		6.4			5.78	4.7	319.7		398.1			340.44	234.72
25#	-1500	-246000#		7.3		5.3					606.8		243.1			
26#	-1750	-246000#	4.7		7.0			5.66	5.59	313.9		335			333.86	228.26
27#	-2000	-246000#		4.3		8.1					193.3		336.9			
28#	-2250	-246000#	5.3		4.3			5.72	7.54	132.1		197.2			211.19	362.49
29#	-2500	-246000#		6.2							158.9					
30#	-2750	-246000#	15.1		7.2			8.70	4.58	327.3		298.6			275.08	260.56
31#	-3000	-246000#		7.2		5.2					298.6		199.1			
32#	-3250	-246000#	3.4		8.3			5.06	6.71	262.2		218.2			279.39	244.53
33#	-3500	-246000#		3.4		6.1					201		382.8			
34#	-3750	-246000#	3.9		4.2			4.81	4.47	137.8		346.5			237.67	270.61
35#	-4000	-246000#		5.2		3.7					248.8		371.3			
36#	-4250	-246000#	1.4		5.2			3.92	6.71	201		289			275.04	194.05
37#	-4500	-246000#		4.4		5.7					292.9		260.3			
38#	-4750	-246000#	4.4		4.4			6.30	3.2	189.5		294.8			249.8	289.75
39#	-5000	-246000#		19.0		3.9					216.3		258.4			
40#	-5250	-246000#	2.4		4.4			5.18	3.28	218.2		191.4			250.83	282.81
41#	-5500	-246000#		3.4							210.6					
42#	-5750	-246000#	2.8		1.0			2.62	5.37	149.3		356			252.83	234.96
43#	-6000	-246000#		1.9		1.9					279.5		354.1			
44#	-6250	-246000#	3.4		1.4			2.43	3.98	178		310.1			265.59	199.07
45#	-6500	-246000#		2.9		2.4					241.2		380.9			

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
46#	-6750	-246000#	3.8		2.4			3.27	2.71	141.6		290.9		231.29	279.47
47#	-7000	-246000#		3.4		2.7					210.6		179.9		
48#	-7250	-246000#	2.4		6.8			3.02	2.45	256.5		250.8		251.47	272.29
49#	-7500	-246000#		1.4		3.4					214.4		179.9		
50#	-7750	-246000#	1.9		3.3			2.94	2.39	195.2		250.8		234.96	321.58
51#	-8000	-246000#		2.8		4.2					237.4		350.3		
52#	-8250	-246000#	2.4		2.9			2.73	3.27	214.4		344.5		292.39	262.72
53#	-8500	-246000#		2.9							329.2				
54#	-8750	-246000#	3.8		1.4			3.11	6.01	189.5		329.2		318.7	355.31
55#	-9000	-246000#		3.4		1.9					210.6		560.8		
56#	-9250	-246000#	2.8		1.4			5.70	3.74	185.7		369.4		381.87	477.82
57#	-9500	-246000#		23.9		4.8					367.5		491.9		
58#	-9750	-246000#	1.0		3.8			5.82	3.24	310.1		537.9		519.97	401.01
59#	-10000	-246000#		4.8		5.7					532.1		869.0		
60#	-10250	-246000#	4.4		6.2			4.41	5.44	317.7		1144.7		560.41	484.52
61#	-10500	-246000#		3.3		4.3					574.2		622.1		
62#	-10750	-246000#	3.9		3.8			4.37	4.31	612.5		553.2		646.98	465.38
63#	-11000	-246000#		5.8		3.4					524.5		518.7		
64#	-11250	-246000#	4.3		3.8			4.29	5.34	329.2		570.4		480.53	646.5
65#	-11500	-246000#		4.7							426.9				
66#	-11750	-246000#	9.7		3.3			5.57	4.05	359.9		434.5		477.34	443.84
67#	-12000	-246000#		3.8		4.3					440.3		652.7		
68#	-12250	-246000#	2.3		5.7			3.69	4.3	193.3		608.7		414.41	393.12
69#	-12500	-246000#		3.8		4.3					290.9		562.8		
70#	-12750	-246000#	3.9		4.3			3.94	3.31	162.7		490		375.37	289.04
71#	-13000	-246000#		3.8		3.8					315.8		547.4		
72#	-13250	-246000#	3.9		3.7			3.54	3.89	202.9		369.4		326.04	398.86
73#	-13500	-246000#		3.2		1.4					231.6		421.1		
74#	-13750	-246000#	3.0		2.4			3.04	3.44	227.8		273.7		304.43	320.14
75#	-14000	-246000#		2.9		3.8					294.8		268.0		
76#	-14250	-246000#	1.8		3.3			2.63	3.07	183.8		300.5		265.59	291.43
77#	-14500	-246000#		3.0							248.8				
78#	-14750	-246000#	0.4		3.0			2.58	2.19	181.8		246.9		243.18	242.86
79#	-15000	-246000#		2.8		3.4					201		310.1		
80#	-15250	-246000#	0.5		4.2			2.41	2.62	114.8		264.2		210.16	191.18
81#	-15500	-246000#		1.4		3.4					183.8		308.2		
82#	-15750	-246000#	1.4		3.8			2.68	2.82	76.6		235.4		176.3	161.51
83#	-16000	-246000#		3.4		3.3					126.3		235.4		
84#	-16250	-246000#	1.0		3.8			2.87	2.75	49.8		141.6		144.48	195
85#	-16500	-246000#		3.4		1.9					109.1		185.7		
86#	-16750	-246000#	3.4		4.3			3.20	2.48	76.6		149.3		143.24	161.03
87#	-17000	-246000#		2.8		3.8					128.2		210.6		
88#	-17250	-246000#	2.4		1.9			2.47	3.05	63.2		210.6		142.6	116.04
89#	-17500	-246000#		1.0							135.9				
90#	-17750	-246000#	2.4		2.9			2.32	2.47	53.6		162.7		125.54	109.58
91#	-18000	-246000#		0.9		1.9					78.5		206.7		
92#	-18250	-246000#	1.0		2.9			2.00	2.16	53.6		103.4		101.45	123.46
93#	-18500	-246000#		0.5		4.3					78.5		130.2		
94#	-18750	-246000#	1.4		4.8			2.18	2.29	49.8		105.3		95.39	75.85
95#	-19000	-246000#		2.4		2.0					80.4		112.9		
96#	-19250	-246000#	1.4		1.4			2.49	1.98	45.9		103.4		83.35	107.43

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****
97#	-19500	-246000#		1.9	2.9						68.9		143.6			
98#	-19750	-246000#	2.9		3.4		2.52		2.64	40.2		105.3			78.4	74.65
99#	-20000	-246000#		2.4	3.4						63.2		45.9			
100#	-20250	-246000#	2.9		1.9		2.48		2.34	38.3		111			69.31	95.23
101#	-20500	-246000#		1.5							38.3					
102#	-20750	-246000#	2.9		1.4		2.35		3.3	120.6		24.9			90.92	92.84
103#	-21000	-246000#		1.4	2.4						80.4		134.0			
104#	-21250	-246000#	3.3		3.2		3.02		2.35	49.8		99.5			86.69	89.96
105#	-21500	-246000#		5.3	2.9						67		135.9			
106#	-21750	-246000#	1.9		2.9		2.79		2.27	45.9		107.2			93.95	74.41
107#	-22000	-246000#		1.5	3.4						72.7		168.4			
108#	-22250	-246000#	1.5		2.8		2.25		2.51	44		122.5			95.07	84.7
109#	-22500	-246000#		1.9	2.9						86.1		162.7			
110#	-22750	-246000#	1.0		2.8		2.10		1.86	44		118.7			93.71	76.57
111#	-23000	-246000#		1.4	2.9						84.2		95.7			
112#	-23250	-246000#	0.5		2.4		1.80		1.8	42.1		68.9			77.68	77.52
113#	-23500	-246000#		2.4							45.9					
114#	-23750	-246000#	0.5		1.9		1.63		1.73	26.8		68.9			56.23	81.35
115#	-24000	-246000#		1.9	1.4						47.9		95.7			
116#	-24250	-246000#	1.4		1.1		1.58		2.07	32.5		51.7			58.54	47.14
117#	-24500	-246000#		1.4	1.9						67		72.7			
118#	-24750	-246000#	1.9		1.9		1.77		1.74	30.6		57.4			50.05	48.09
119#	-25000	-246000#		1.9	1.5						23		86.1			
120#	-25250	-246000#	1.9		1.9		1.83		1.69	19.1		36.4			40.99	58.38
121#	-25500	-246000#		1.4	2.6						34.5		49.8			
122#	-25750	-246000#	1.4		1.4		1.80		1.79	23		47.9			44.26	34.45
123#	-26000	-246000#		1.9	1.9						40.2		67.0			
124#	-26250	-246000#	1.4		2.9		1.86		1.82	13.4		63.2			35.89	41.87
125#	-26500	-246000#		1.9							24.9					
126#	-26750	-246000#	1.9		1.4		2.02		2.07	23		26.8			37.41	42.83
127#	-27000	-246000#		2.1	1.9						30.6		38.3			
128#	-27250	-246000#	1.4		1.9		2.00		2.05	23		44			39.08	46.42
129#	-27500	-246000#		2.4	2.4						38.3		57.4			
130#	-27750	-246000#	1.4		1.4		1.96		1.95	19.1		55.5			43.55	39.72
131#	-28000	-246000#		1.0	3.8						45.9		74.7			
132#	-28250	-246000#	0.5		2.9		1.77		2.1	28.7		61.3			48.25	44.74
133#	-28500	-246000#		1.9	2.4						42.1		67.0			
134#	-28750	-246000#	2.4		2.5		2.55		1.93	53.6		51.7			57.82	69.63
135#	-29000	-246000#		2.4	2.9						63.2		57.4			
136#	-29250	-246000#	1.9		2.4		2.43		2.75	68.9		63.2			73.46	89.96
137#	-29500	-246000#		2.4							80.4					
138#	-29750	-246000#	2.9		3.4		2.77		2.4	90		91.9			98.58	94.03
139#	-30000	-246000#		2.4							107.2		128.2			
140#	-30250	-246000#	2.4		2.4		2.58		2.98	70.8		141.6			114.21	98.1
141#	-30500	-246000#		1.0	3.3						111		149.3			
142#	-30750	-246000#	2.4		3.8		2.80		3.97	80.4		132.1			121.87	94.75
143#	-31000	-246000#		3.3	2.8						107.2		187.6			
144#	-31250	-246000#	3.4		2.8		3.60		2.96	80.4		166.5			117.04	111.74
145#	-31500	-246000#		2.9	4.8						116.8		139.7			
146#	-31750	-246000#	2.4		3.9		3.66		4.66	107.2		99.5			119.47	93.31
147#	-32000	-246000#		3.9	6.7						101.4		95.7			

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	
148#	-32250	-246000#		3.9	5.7			5.08	3.95	68.9		95.7		86.14	114.61
149#	-32500	-246000#			5.7						70.8				
150#	-32750	-246000#		2.9	6.7			5.36	3.78	76.6		65.1		80.39	97.38
151#	-33000	-246000#			5.7		7.2				74.7		72.7		
152#	-33250	-246000#		2.9	6.2			4.69	4.55	55.5		86.1		80	113.89
153#	-33500	-246000#			4.3		5.8				84.2		101.4		
154#	-33750	-246000#		2.9	3.8			4.16	4.12	76.6		109.1		106.2	94.27
155#	-34000	-246000#			3.8		2.9				122.5		120.6		
156#	-34250	-246000#		3.9				3.65	4.91	59.3		153.1		108.71	75.37
157#	-34500	-246000#			2.4		2.9				76.6		220.1		
158#	-34750	-246000#		4.3	3.9			3.54	3.9	42.1		120.6		100.97	91.88
159#	-35000	-246000#			3.3		3.8				72.7		151.2		
160#	-35250	-246000#		1.9	3.8			3.22	3.19	40.2		95.7		95.95	86.85
161#	-35500	-246000#			2.9						63.2				
162#	-35750	-246000#		1.9	3.3			3.18	2.88	36.4		111		82.63	93.79
163#	-36000	-246000#			2.4		5.8				70.8		128.2		
164#	-36250	-246000#		1.4	3.9			3.00	2.82	51.7		88.1		81.51	76.09
165#	-36500	-246000#			3.4		3.9				74.7		107.2		
166#	-36750	-246000#		3.3		3.3		3.28	3.24	49.8		97.6		75.85	76.81
167#	-37000	-246000#			2.9		2.9				76.6		72.7		
168#	-37250	-246000#		3.4	1.9			3.12	3.84	68.9		61.3		75.81	82.07
169#	-37500	-246000#			2.4		1.9				63.2		74.7		
170#	-37750	-246000#		2.4	4.3			2.86	3.12	49.8		80.4		65.64	86.14
171#	-38000	-246000#			3.8		4.3				65.1		84.2		
172#	-38250	-246000#		1.4	2.4			2.90	2.46	55.5		72.7		74.57	59.1
173#	-38500	-246000#			3.3						70.8				
174#	-38750	-246000#		3.4	3.4			3.09	2.58	32.5		105.3		66.28	60.77
175#	-39000	-246000#			3.8		3.3				57.4		107.2		
176#	-39250	-246000#		1.9		1.9		2.51	3.17	30.6		61.3		60.69	55.03
177#	-39500	-246000#			3.8		1.0				44		74.7		
178#	-39750	-246000#		3.3		1.9		2.74	2.28	44		57.4		54.51	51.2
179#	-40000	-246000#			2.4		1.4				36.4		78.5		
180#	-40250	-246000#		1.0		2.9		1.88	2.69	24.9		51.7		44.74	56.47
181#	-40500	-246000#			2.4		3.3				42.1		47.9		
182#	-40750	-246000#		1.0		1.9		2.02	1.68	23		45.9		40.6	38.76
183#	-41000	-246000#			2.9		1.9				28.7		51.7		
184#	-41250	-246000#		1.9		1.9		2.28	1.79	19.1		36.4		32.78	43.79
185#	-41500	-246000#			2.4						26.8				
186#	-41750	-246000#		2.4		1.9		2.01	1.98	19.1		34.5		30.95	32.54
187#	-42000	-246000#			1.9						26.8		36.4		
188#	-42250	-246000#		1.9		0.9		1.49	1.71	15.3		30.6		29.03	35.17
189#	-42500	-246000#			1.4						21.1				
190#	-42750	-246000#		2.7		1.4		1.42	1.35	21.1		24.9		31.9	29.35
191#	-43000	-246000#			0.5		1.0				24.9		57.4		
192#	-43250	-246000#		0.5		0.9		0.80	1.32	19.1		49.8		35.97	26.32
193#	-43500	-246000#			0.5		1.0				36.4		51.7		
194#	-43750	-246000#		1.4		1.5		1.02	1.28	17.2		44		35.33	32.54
195#	-44000	-246000#			0.9						24.9				
196#	-44250	-246000#		1.9		0.5		1.35	1.74	19.1		23		32.62	54.31
197#	-44500	-246000#			1.3						17.2				
198#	-44750	-246000#		1.0		1.0		1.76	1.86	23		40.2		47.3	44.03

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****
199#	-45000	-246000#		3.4	1.8						51.7		57.4			
200#	-45250	-246000#	2.4		3.4		2.55		2.52	26.8		105.3			56.23	29.67
201#	-45500	-246000#		2.9	2.4						68.9		93.8			
202#	-45750	-246000#	1.4		3.3		2.78		4.23	36.4		70.8			57.26	52.4
203#	-46000	-246000#		1.4							45.9		45.9			
204#	-46250	-246000#	1.5		9.6		3.96		3.7	38.3		32.5			52	68.43
205#	-46500	-246000#		7.2							42.1					
206#	-46750	-246000#	4.3		10.0		6.75		4.43	40.2		47.9			56.15	65.32
207#	-47000	-246000#		7.2							59.3		86.1			
208#	-47250	-246000#	5.3		6.7		6.62		5.16	44		122.5			69.79	55.51
209#	-47500	-246000#		8.1							88.1					
210#	-47750	-246000#	4.3		8.2		5.39		5.67	68.9		55.5			77.36	109.58
211#	-48000	-246000#		5.3	5.3						49.8		86.1			
212#	-48250	-246000#	3.4		3.9		4.66		5.24	74.7		55.5			94.11	146.19
213#	-48500	-246000#		3.8	3.4						114.8		109.1			
214#	-48750	-246000#	3.4		7.2		4.45		4.56	116.8		168.4			147.35	73.69
215#	-49000	-246000#		5.4	4.2						214.4		183.8			
216#	-49250	-246000#	3.9		5.4		4.60		4.31	80.4		245			136.62	108.39
217#	-49500	-246000#		4.8	4.3						88.1		227.8			
218#	-49750	-246000#	6.2		4.3		4.64		4.3	134		80.4			140.93	191.41
219#	-50000	-246000#		3.3	3.4						132.1		80.4			
220#	-50250	-246000#	2.9		3.4		3.51		3.76	143.6		141.6			173.15	150.74
221#	-50500	-246000#		2.9							206.7					
222#	-50750	-246000#	1.4		4.9		2.77		2.75	70.8		258.4			158	132.08
223#	-51000	-246000#		1.9	3.9						116.8		350.3			
224#	-51250	-246000#	1.0		2.9		2.32		2.17	47.9		181.8			147.79	106.71
225#	-51500	-246000#		1.9	3.3						107.2		185.7			
226#	-51750	-246000#	1.0		1.9		1.91		1.75	47.9		135.9			122.55	109.35
227#	-52000	-246000#		0.9	2.4						70.8		181.8			
228#	-52250	-246000#	0.5		2.0		1.36		1.84	30.6		109.1			94.31	151.7
229#	-52500	-246000#		0.5	2.4						95.7		126.3			
230#	-52750	-246000#	0.2		1.4		1.06		1.55	36.4		84.2			86.77	77.28
231#	-53000	-246000#		0.5	1.9						53.6		120.6			
232#	-53250	-246000#	0.5		0.5		1.18		1.76	28.7		86.1			64.68	77.28
233#	-53500	-246000#		1.0							51.7					
234#	-53750	-246000#	2.9		2.4		2.02		1.43	30.6		51.7			56.23	56.71
235#	-54000	-246000#		2.3	1.9						38.3		63.2			
236#	-54250	-246000#	1.4		1.9		1.83		1.15	19.1		53.6			42.83	58.38
237#	-54500	-246000#		1.9	1.9						32.5		72.7			
238#	-54750	-246000#	0.5		1.4		1.18		1.65	23		38.3			43.83	40.91
239#	-55000	-246000#		0.5	1.9						40.2		70.8			
240#	-55250	-246000#	0.9		0.5		1.21		1.3	26.8		59.3			44.7	43.79
241#	-55500	-246000#		1.4	1.4						44		55.5			
242#	-55750	-246000#	0.9		1.9		1.15		1.24	30.6		44			45.14	45.7
243#	-56000	-246000#		0.5	1.4						36.4		51.7			
244#	-56250	-246000#	0.5		1.0		1.09		0.96	28.7		47.9			43.31	41.15
245#	-56500	-246000#		0.9							42.1					
246#	-56750	-246000#	1.5		1.9		1.14		1.08	30.6		38.3			40.04	36.37
247#	-57000	-246000#		0.5	1.9						30.6		78.5			
248#	-57250	-246000#	0.5		0.5		0.90		1.07	21.1		32.5			33.58	41.23
249#	-57500	-246000#		0.5	0.5						19.1		30.6			

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
250#	-57750	-246000#		0.5		1.9		0.84	1.85	15.9		30.6		30.29	22.95
251#	-58000	-246000#													
252#	-58250	-246000#		3.8				2.16	1.05	7.1				18.14	32.88
253#	-58500	-246000#			1.4						10				
254#	-58750	-246000#		0.5		1.9		1.48	2.04	9		23		16.75	16.49
255#	-59000	-246000#			1.0		2.4				15.7		26.8		
256#	-59250	-246000#		2.9		1.8		2.18	1.5	8.8		13.8		15.42	26.8
257#	-59500	-246000#			2.9						9.8				
258#	-59750	-246000#		0.5		0.9		1.63	1.88	7.3		18.6		18.42	49.96
259#	-60000	-246000#			1.0						14.7		16.7		
260#	-60250	-246000#		1.4		1.0		1.71	1.9	24.9		17.8		36.17	23.19
261#	-60500	-246000#			1.4		3.4				24.9		68.9		
262#	-60750	-246000#				3.4						53.6			
263#	-61000	-246000#			2.9		1.5				47.9		124.4		
264#	-61250	-246000#		1.9		1.9		2.12	1.19	82.3		49.8		71.06	57.83
265#	-61500	-246000#			1.0						97.6		23.0		
266#	-61750	-246000#		1.4		1.9		1.41	2.48	99.5		57.4		84.22	93.55
267#	-62000	-246000#			1.0		1.9				74.7		86.1		
268#	-62250	-246000#		1.9		1.0		1.75	1.66	68.9		112.9		90.36	86.85
269#	-62500	-246000#			1.4						118.7				
270#	-62750	-246000#		1.0		2.9		1.73	1.73	53.6		155		96.43	54.79
271#	-63000	-246000#			2.9		2.0				82.3		153.1		
272#	-63250	-246000#		3.8		1.9		2.53	1.73	40.2		86.1		78.48	82.31
273#	-63500	-246000#			2.4		1.7				55.5		101.4		
274#	-63750	-246000#		1.9		1.9		1.97	3.22	49.8		70.8		73.18	92.52
275#	-64000	-246000#			2.4		0.5				88.1		47.9		
276#	-64250	-246000#				2.4						70.8			
277#	-64500	-246000#					1.9							78.5	
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****

AFTER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 2500S 500 FEET ??-??-?? ENVELOP
IP 685W-45E LENGTH 73000 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH =-Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
#	FREQ. EFFECT											APP. R	ESIST O	HM.M				
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P		
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	4500	-250000#					1.4								107.2			
2#	4250	-250000#			1.9							91.9						
3#	4000	-250000#		0.4		1.0					23			82.3				
4#	3750	-250000#	0.5		1.0					23		82.3						
5#	3500	-250000#		1.9		1.4					49.8			78.5				
6#	3250	-250000#	0.5		1.0			1.45	1.37	21.1		51.7				47.06	50.01	
7#	3000	-250000#		1.9		1.9					26.8			59.3				
8#	2750	-250000#	2.4		3.8			1.96	0.97	17.2		32.5				38.6	53.84	
9#	2500	-250000#		1.9							23							
10#	2250	-250000#	1.0		1.0			1.38	1.56	17.2		45.9				40.76	49.29	
11#	2000	-250000#		0.5		1.4					36.4			68.9				
12#	1750	-250000#	1.9		1.0			1.29	1.85	21.1		61.3				49.61	54.55	
13#	1500	-250000#		1.5		1.0					44			80.4				
14#	1250	-250000#	0.9		1.0			1.24	1.78	32.5		68.9				62.01	75.13	
15#	1000	-250000#		0.9		1.5					59.3			86.1				
16#	750	-250000#	0.5		1.4			1.35	1.14	42.1		101.4				75.37	67.95	
17#	500	-250000#		1.4		2.9					68.9			111.0				
18#	250	-250000#	0.5		2.4			1.47	0.95	49.8		99.5				87.89	94.99	
19#	0	-250000#		0.5		3.3					84.2			143.6				
20#	-250	-250000#	1.0		1.9			1.47	1.14	90		134				113.41	102.65	
21#	-500	-250000#		0.5							114.8							
22#	-750	-250000#	2.4		1.9			1.52	1.39	76.6		124.4				122.74	120.83	
23#	-1000	-250000#		1.0		1.0					101.4			179.9				
24#	-1250	-250000#	0.5		0.5			0.92	2	88.1		147.4				133.67	152.17	
25#	-1500	-250000#		1.0		0.5					105.3			189.5				
26#	-1750	-250000#	1.4		0.5			1.44	1.6	88.1		185.7				155.01	106.47	
27#	-2000	-250000#		3.3		2.4					176.1			202.9				
28#	-2250	-250000#	0.5		1.4			1.54	1.19	61.3		193.3				141.21	116.28	
29#	-2500	-250000#		1.0		1.8					82.3			290.9				
30#	-2750	-250000#	1.9		3.3			1.84	2.45	59.3		134				122.11	115.33	
31#	-3000	-250000#		1.4		2.3					84.2			130.2				
32#	-3250	-250000#	2.4		1.5			2.66	2.26	55.5		86.1				101.77	103.36	
33#	-3500	-250000#		2.4							65.1							
34#	-3750	-250000#	3.9		3.4			3.10	2.68	59.3		76.6				79.36	155.28	
35#	-4000	-250000#		1.4		6.7					82.3			112.9				
36#	-4250	-250000#	1.9		1.8			3.06	2.76	135.9		57.4				122.27	112.46	
37#	-4500	-250000#		4.4		4.3					114.8			90.0				
38#	-4750	-250000#	2.4		2.9			3.29	3.38	91.9		172.3				124.14	128.49	
39#	-5000	-250000#		2.9		3.3					93.8			254.6				
40#	-5250	-250000#	3.3		3.9			3.43	3.91	57.4		193.3				133.27	124.42	
41#	-5500	-250000#		3.0		2.9					143.6			179.9				
42#	-5750	-250000#	2.8		3.8			3.37	3.62	157		179.9				175.38	130.88	
43#	-6000	-250000#		3.8		5.1					172.3			176.1				

*****	*****						*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****
44#	-6250	-250000#	4.8		2.8			3.90	3.48	130.2		176.1		161.27 208.4
45#	-6500	-250000#		2.8							141.6			
46#	-6750	-250000#	2.5		4.4			3.51	3.41	155		191.4		190.06 244.05
47#	-7000	-250000#		4.8		3.4					250.8		170.4	
48#	-7250	-250000#	2.4		3.9			3.49	3.83	222		227.8		258.73 184.24
49#	-7500	-250000#		4.8		3.7					239.3		285.2	
50#	-7750	-250000#	3.3		0.5			3.64	4.9	107.2		296.7		224.55 208.16
51#	-8000	-250000#		2.2		4.3					168.4		532.1	
52#	-8250	-250000#	3.3		5.7			4.06	4.43	114.8		336.9		230.61 174.67
53#	-8500	-250000#		4.4		6.2					277.6		212.5	
54#	-8750	-250000#	2.4		7.3			5.12	3.78	183.8		191.4		234.8 188.54
55#	-9000	-250000#		7.1		6.3					139.7		208.6	
56#	-9250	-250000#			7.1					103.4		158.9		158.4 331.39
57#	-9500	-250000#		9.1							139.7			
58#	-9750	-250000#	3.4		3.8			4.90	5.6	178		212.5		234.8 219.41
59#	-10000	-250000#		6.2		4.3					327.3		187.6	
60#	-10250	-250000#	6.2		3.2			4.64	4.44	134		292.9		263.51 196.92
61#	-10500	-250000#		7.1		0.9					158.9		522.6	
62#	-10750	-250000#	1.4		1.4			2.85	4.37	118.7		248.8		241.58 221.08
63#	-11000	-250000#		1.4		3.3					206.7		566.6	
64#	-11250	-250000#	3.4		3.4			2.99	3.71	162.7		287.1		263.79 167.49
65#	-11500	-250000#		4.7		3.3					260.3		277.6	
66#	-11750	-250000#	3.3		2.9			3.46	3.27	122.5		262.2		225.31 228.74
67#	-12000	-250000#		3.3		3.9					151.2		204.8	
68#	-12250	-250000#	5.3		2.7			4.18	3.23	143.6		120.6		178.49 252.43
69#	-12500	-250000#		5.7							147.4			
70#	-12750	-250000#	3.4		3.3			3.57	3.16	116.8		158.9		169.56 178.97
71#	-13000	-250000#		3.8		4.5					147.4		239.3	
72#	-13250	-250000#	1.9		1.0			2.76	3.82	88.1		233.5		166.13 124.9
73#	-13500	-250000#		2.8		2.9					164.6		285.2	
74#	-13750	-250000#	1.9		2.9			2.96	2.53	91.9		170.4		148.51 117.96
75#	-14000	-250000#		3.9		2.8					91.9		174.2	
76#	-14250	-250000#	2.4		5.3			2.93	3	74.7		97.6		115.77 158.63
77#	-14500	-250000#		2.4		3.8					70.8		128.2	
78#	-14750	-250000#	0.5		1.5			2.68	2.45	57.4		97.6		101.37 129.2
79#	-15000	-250000#		5.3		2.5					88.1		153.1	
80#	-15250	-250000#	2.4		3.4			2.66	2.32	42.1		155		100.73 100.73
81#	-15500	-250000#		0.9							93.8			
82#	-15750	-250000#	1.5		1.4			1.88	2.62	44		111		104.32 106.47
83#	-16000	-250000#		0.9		2.8					67		164.6	
84#	-16250	-250000#	0.5		4.3			1.75	2.35	55.5		107.2		110.62 133.27
85#	-16500	-250000#		2.4		1.0					99.5		187.6	
86#	-16750	-250000#	2.9		2.3			2.65	1.74	70.8		166.5		132.67 133.27
87#	-17000	-250000#		2.0		2.8					141.6		174.2	
88#	-17250	-250000#	2.4		3.3			2.34	2.67	86.1		174.2		148.19 159.59
89#	-17500	-250000#		2.9		2.3					116.8		233.5	
90#	-17750	-250000#	2.4		1.9			2.36	2.46	132.1		174.2		183.68 166.77
91#	-18000	-250000#		1.4		1.9					222		227.8	
92#	-18250	-250000#	2.9		2.4			2.49	2.68	132.1		315.8		200.67 157.2
93#	-18500	-250000#		2.8							214.4			
94#	-18750	-250000#	1.9		3.4			2.47	3.22	135.9		202.9		190.62 170.6

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
95#	-19000	-250000#		2.0		2.8					168.4		202.9		
96#	-19250	-250000#	3.3		2.4			3.33	2.09	91.9		168.4			155.44 193.81
97#	-19500	-250000#		1.4		3.8					128.2		187.6		
98#	-19750	-250000#	2.9		9.6			2.91	2.67	70.8		162.7			146.71 142.36
99#	-20000	-250000#		1.0		2.9					112.9		220.1		
100#	-20250	-250000#	1.9		2.9			2.72	2.22	49.8		170.4			136.14 146.43
101#	-20500	-250000#		1.9		1.0					91.9		302.4		
102#	-20750	-250000#	1.9		2.0			2.08	3.35	74.7		178			151.06 113.89
103#	-21000	-250000#		1.4		3.4					157		178.0		
104#	-21250	-250000#	3.9		2.0			2.46	2.71	84.2		166.5			140.29 113.41
105#	-21500	-250000#		1.5							112.9				
106#	-21750	-250000#	2.9		2.4			2.69	2.05	65.1		82.3			102.17 147.63
107#	-22000	-250000#		3.4		2.8					61.3		118.7		
108#	-22250	-250000#	0.5		1.9			2.16	2.34	44		107.2			92.76 110.06
109#	-22500	-250000#		1.5		3.9					97.6		116.8		
110#	-22750	-250000#	1.4		2.8			2.33	2.52	47.9		157			98.54 59.58
111#	-23000	-250000#		3.8		3.4					95.7		160.8		
112#	-23250	-250000#	2.9		2.4			2.84	2.14	38.3		107.2			82.79 75.13
113#	-23500	-250000#		2.4		1.4					49.8		107.2		
114#	-23750	-250000#	1.3		1.9			2.26	3.29	26.8		51.7			63.09 69.15
115#	-24000	-250000#		3.8		3.4					32.5		74.7		
116#	-24250	-250000#	2.4		1.4			2.77	2.32	21.1		51.7			45.14 61.25
117#	-24500	-250000#		3.3							40.2				
118#	-24750	-250000#	1.9		3.4			2.55	2.32	19.1		38.3			40.12 40.82
119#	-25000	-250000#		1.4		3.8					53.6		45.9		
120#	-25250	-250000#	1.4		2.9			2.31	1.92	12.6		28.7			32.27 41.11
121#	-25500	-250000#		1.4		2.9					21.1		44.0		
122#	-25750	-250000#	1.0		2.9			1.87	2.07	13		34.5			30.37 30.96
123#	-26000	-250000#		0.9		3.4					28.7		45.9		
124#	-26250	-250000#	1.4		1.0			1.80	2.33	13		38.3			30.89 28.38
125#	-26500	-250000#		1.4		2.4					23		63.2		
126#	-26750	-250000#	0.5		1.0			1.75	2.81	13		42.1			30.85 28.4
127#	-27000	-250000#		2.4		3.3					30.6		32.5		
128#	-27250	-250000#	1.9		2.9			2.77	2.21	26.8		28.7			32.29 26.49
129#	-27500	-250000#		3.8							28.7				
130#	-27750	-250000#	2.9		3.8			3.30	2.58	19.1		19			24.45 34.45
131#	-28000	-250000#		2.4		4.8					15.1		32.5		
132#	-28250	-250000#	4.3		2.9			3.51	3.16	13.4		28.7			23.89 24.57
133#	-28500	-250000#		2.9							30.6		28.7		
134#	-28750	-250000#	2.4		2.4			2.99	3.35	17.4		32.5			25.39 20.31
135#	-29000	-250000#		1.9		3.3					18.4		36.4		
136#	-29250	-250000#	1.4		4.8			2.63	2.93	14.2		23			22.24 29.31
137#	-29500	-250000#		1.9		3.4					16.7		28.7		
138#	-29750	-250000#	1.4		2.4			2.65	1.83	18		23			25.8 24.29
139#	-30000	-250000#		2.4		5.3					28.7		30.6		
140#	-30250	-250000#	0.5		1.9			2.29	2.39	18.2		45.9			26.72 22.23
141#	-30500	-250000#		0.9							24.9				
142#	-30750	-250000#	0.5		3.8			2.41	2.21	19.1		32.5			25.41 23.5
143#	-31000	-250000#		1.4							23		24.9		
144#	-31250	-250000#	3.4		2.4			2.37	2.52	14		18.8			21.5 29.79
145#	-31500	-250000#		1.0							14.2		23.0		

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT							APP. R	ESIST O	HM.M				
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
146#	-31750	-250000#		0.5	2.9			2.20	2.1	11.1		19.1		21.83	26.63
147#	-32000	-250000#			1.9		1.9				16.7		42.1		
148#	-32250	-250000#		0.7	2.4			2.29	1.76	11.5		38.3		26.33	18.45
149#	-32500	-250000#			1.9		6.7				30.6		51.7		
150#	-32750	-250000#		1.9	1.3			2.56	2.82	14.4		44		28.73	18.95
151#	-33000	-250000#			2.4						23		28.7		
152#	-33250	-250000#		3.3				3.99	2.76	19.1		16.5		25.18	36.01
153#	-33500	-250000#			3.3						14.4				
154#	-33750	-250000#		2.9	4.8			3.89	2.86	19.1		19.1		27.49	45.46
155#	-34000	-250000#			1.9						28.7		28.7		
156#	-34250	-250000#		1.9	2.9			2.97	2.02	23		49.8		41.63	27.78
157#	-34500	-250000#			2.4		6.2				44		65.1		
158#	-34750	-250000#		1.9	1.5			2.32	2.75	19.1		63.2		42.23	34.45
159#	-35000	-250000#			0.5		3.3				30.6		95.7		
160#	-35250	-250000#		0.5	1.0			1.85	1.55	21.1		47.9		42.59	33.5
161#	-35500	-250000#			1.4		2.8				38.3		45.9		
162#	-35750	-250000#		0.5	2.9			1.65	2.4	24.9		38.3		41.87	47.38
163#	-36000	-250000#			0.5		4.3				32.5		53.6		
164#	-36250	-250000#		1.0	1.2			2.09	1.68	23		40.2		40.91	53.6
165#	-36500	-250000#			1.5						38.3				
166#	-36750	-250000#		1.4	2.8			2.21	2.27	28.7		59.3		49.45	40.91
167#	-37000	-250000#			1.4		5.3				49.8		78.5		
168#	-37250	-250000#		0.5	2.9			2.34	2.48	32.5		70.8		52.48	51.92
169#	-37500	-250000#			2.9		1.5				42.1		72.7		
170#	-37750	-250000#		1.9	1.9			2.76	2.33	51.7		42.1		60.3	58.62
171#	-38000	-250000#			1.4		5.7				74.7		70.8		
172#	-38250	-250000#		1.4	2.9			2.48	2.99	55.5		70.8		62.57	60.77
173#	-38500	-250000#			1.9		5.3				65.1		57.4		
174#	-38750	-250000#		1.0	3.8			2.71	2.69	53.6		53.6		60.06	51.68
175#	-39000	-250000#			1.9		3.4				44		76.6		
176#	-39250	-250000#		1.0	2.9			3.03	2.81	26.8		67		46.98	66.04
177#	-39500	-250000#			1.9						42.1				
178#	-39750	-250000#		1.4	3.3			3.05	3.05	45.9		47.9		58.22	44.03
179#	-40000	-250000#			1.4		9.1				65.1		51.7		
180#	-40250	-250000#		1.0	2.4			3.80	2.22	26.8		78.5		49.77	50.25
181#	-40500	-250000#			2.4						38.3		78.5		
182#	-40750	-250000#		1.0	3.8			3.72	2.24	26.8		49.8		46.38	38.28
183#	-41000	-250000#			1.0						44		55.5		
184#	-41250	-250000#		0.5				2.24	3.72	23		42.1		39.4	41.15
185#	-41500	-250000#			3.8						23		57.4		
186#	-41750	-250000#		2.4				2.39	1.92	19.1		36.4		33.58	41.63
187#	-42000	-250000#			0.9						28.7		42.1		
188#	-42250	-250000#		1.9				1.32	2.95	24.9		34.5		34.77	40.91
189#	-42500	-250000#			0.5						32.5				
190#	-42750	-250000#		1.0				2.16	2.76	26.8		26.8		38.36	41.63
191#	-43000	-250000#			3.8						26.8		53.6		
192#	-43250	-250000#		2.4				3.33	2	21.1		45.9		41.71	39
193#	-43500	-250000#			2.7		3.3				36.4		88.1		
194#	-43750	-250000#		2.4	4.3			3.03	2.88	26.8		84.2		48.21	27.99
195#	-44000	-250000#			3.4						68.9		44.0		
196#	-44250	-250000#		1.0	2.4			2.88	4.92	45.9		42.1		49.13	51.92

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M				
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****
197#	-44500	-250000#		4.3							34.5		38.3			
198#	-44750	-250000#	3.8						4.63	4.07	65.1	26.8			48.89	80.39
199#	-45000	-250000#		6.2							67		21.1			
200#	-45250	-250000#	6.2		7.2				6.62	5.51	47.9	67			61.65	56.47
201#	-45500	-250000#									68.9					
202#	-44750	-250000#	7.2		7.6				7.33	4.31	34.5	91.9			66.04	59.1
203#	-46000	-250000#		7.2							53.6		147.4			
204#	-46250	-250000#	3.8		8.2				4.97	3.35	44	93.8			76.73	70.58
205#	-46500	-250000#		5.7							84.2		84.2			
206#	-46750	-250000#	1.9		2.9				3.24	4.4	80.4	84.2			91.36	95.47
207#	-47000	-250000#		2.4		3.4					95.7		80.4			
208#	-47250	-250000#	3.4		1.9				2.65	3.84	105.3	101.4			102.45	122.03
209#	-47500	-250000#		2.0		1.9					122.5		95.7			
210#	-47750	-250000#	2.9		2.4				2.43	3.1	130.2	120.6			121.15	92.36
211#	-48000	-250000#		2.0							151.2		112.9			
212#	-48250	-250000#	1.4		2.4				2.37	2.47	82.3	141.6			106.47	88.77
213#	-48500	-250000#		1.9							91.9					
214#	-48750	-250000#	0.5		4.3				2.46	2.82	53.6	80.4			83.11	79.44
215#	-49000	-250000#		2.4		4.2					53.6		114.8			
216#	-49250	-250000#	1.9		3.4				3.21	1.81	26.8	80.4			58.86	74.17
217#	-49500	-250000#		1.9		3.3					45.9		88.1			
218#	-49750	-250000#	2.4		2.4				2.67	2.34	26.8	53.6			53.72	44.74
219#	-50000	-250000#		1.0		8.6					34.5		59.3			
220#	-50250	-250000#	0.5		0.5				1.95	2.38	23	55.5			44.78	63.65
221#	-50500	-250000#		0.9		2.9					36.4		76.6			
222#	-50750	-250000#	0.9		2.9				2.05	1.74	28.7	53.6			45.86	42.83
223#	-51000	-250000#		1.4		2.9					49.8		42.1			
224#	-51250	-250000#	0.5		0.5				1.60	1.97	30.6	47.9			42.83	45.7
225#	-51500	-250000#		1.4							28.7					
226#	-51750	-250000#			1.4					28.7		42.1			39.96	52.4
227#	-52000	-250000#		1.0							38.3		42.1			
228#	-52250	-250000#			0.5					26.8		45.9			45.06	37.01
229#	-52500	-250000#		1.9		2.4					36.4		72.7			
230#	-52750	-250000#	0.5		2.0				1.32	2.07	18.6	65.1			41.77	33.98
231#	-53000	-250000#		0.9		1.0					32.5		80.4			
232#	-53250	-250000#	1.9		1.0				2.00	1.52	19.1	45.9			40.4	32.95
233#	-53500	-250000#		1.9		3.4					32.5		51.7			
234#	-53750	-250000#	0.5		4.3				1.88	1.5	23	36.4			36.61	41.39
235#	-54000	-250000#		1.4							26.8		38.3			
236#	-54250	-250000#	0.5		4.3				1.94	1.56	23	28.7			33.02	38.76
237#	-54500	-250000#		1.0							26.8					
238#	-54750	-250000#	1.4		0.9				2.00	2.4	19.1	36.4			31.58	30.39
239#	-55000	-250000#		1.9		2.4					26.8		55.5			
240#	-55250	-250000#	0.5		1.5				1.88	2	21.1	44			31.5	24.41
241#	-55500	-250000#		2.9		3.4					32.5		38.3			
242#	-55750	-250000#	0.5		2.9				1.98	1.51	19.1	30.6			28.03	23.19
243#	-56000	-250000#		0.5							21.1		21.1			
244#	-56250	-250000#	0.9		4.3				2.14	1.5	13.8	24.9			20.78	35.89
245#	-56500	-250000#		0.5							19.1		17.2			
246#	-56750	-250000#	0.5		4.3				1.44	1.31	23	14.7			22.44	51.68
247#	-57000	-250000#		0.5							19.1		26.8			

*****	*****						*****	*****	*****	*****	*****	*****	*****		
#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
248#	-57250	-250000#		1.0		1.5		1.04	1.32	16.8		38.3		40.29	52.16
249#	-57500	-250000#			0.5						28.7				
250#	-57750	-250000#		0.5		1.0		0.78	1.62	19.1		122.5		65.88	28.11
251#	-58000	-250000#			0.5		0.5				101.4		141.6		
252#	-58250	-250000#				0.5				34.5		134		73.3	43.31
253#	-58500	-250000#					1.9				57.4		74.7		
254#	-58750	-250000#		0.5		0.9		1.44	1.44	76.6		32.5		69.87	117.48
255#	-59000	-250000#			2.4		2.4				53.6		32.5		
256#	-59250	-250000#		1.9		1.4		1.72	1.09	107.2		45.9		87.33	106.95
257#	-59500	-250000#			0.5		2.9				112.9		57.4		
258#	-59750	-250000#		1.9		1.0		1.71	1.75	63.2		162.7		92.04	86.62
259#	-60000	-250000#			1.5		2.4				112.9		149.3		
260#	-60250	-250000#		0.5		1.9		1.54	1.74	51.7		128.2		102.65	55.75
261#	-60500	-250000#			0.9						72.7				
262#	-60750	-250000#		1.9		2.4		1.90	1.38	21.1		91.9		78.16	78
263#	-61000	-250000#			0.5		2.9				34.5		208.6		
264#	-61250	-250000#		0.9		2.4		1.60	1.44	30.6		86.1		69.55	70.11
265#	-61500	-250000#			1.5		2.9				91.9		49.8		
266#	-61750	-250000#		0.9		1.9		1.55	0.95	36.4		49.8		64.64	75.61
267#	-62000	-250000#			1.9		0.9				30.6		67.0		
268#	-62250	-250000#		0.4		1.0		1.16	1.91	30.6		44		54.19	128.97
269#	-62500	-250000#			1.9		0.5				49.8		78.5		
270#	-62750	-250000#		1.4		0.5		1.22	1.79	53.6		95.7		89.09	67.71
271#	-63000	-250000#			1.8		0.5				132.1		135.9		
272#	-63250	-250000#		1.9		1.3		1.48	1.92	40.2		214.4		102.09	83.5
273#	-63500	-250000#			2.4						82.3				
274#	-63750	-250000#		1.9		1.4		1.92	1.57	59.3		128.2		113.41	105.76
275#	-64000	-250000#			1.9		1.4				112.9		130.2		
276#	-64250	-250000#		1.4		2.4		1.91	2.5	80.4		126.3		118.68	120.35
277#	-64500	-250000#			0.5		3.9				109.1		155.0		
278#	-64750	-250000#		3.9		2.9		2.81	1.7	80.4		147.4		120.07	115.81
279#	-65000	-250000#			1.4		2.9				128.2		162.7		
280#	-65250	-250000#		2.5		5.2		2.64	2.33	122.5		149.3		136.66	129.68
281#	-65500	-250000#			2.5		3.4				176.1		112.9		
282#	-65750	-250000#		3.3		2.0		2.94	3.15	145.5		130.2		141.25	147.63
283#	-66000	-250000#			2.8		1.0				118.7		88.1		
284#	-66250	-250000#		2.4		2.8		2.85	2.88	128.2		74.7		131.32	141.65
285#	-66500	-250000#			2.9						70.8		252.7		
286#	-66750	-250000#		1.9		4.3		2.60	2.3	55.5		160.8		120.51	111.5
287#	-67000	-250000#			1.9		4.8				124.4		268.0		
288#	-67250	-250000#		1.4		2.9		2.42	2.11	70.8		220.1		135.15	73.93
289#	-67500	-250000#			2.4		2.4				134		99.5		
290#	-67750	-250000#		1.0		2.4		2.15	2.54	109.1		111		118.08	152.17
291#	-68000	-250000#			1.9		1.5				74.7		86.1		
292#	-68250	-250000#				2.4						65.1			
293#	-68500	-250000#					2.9						53.6		
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****

AFT ER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 2540S 500 FEET 19-10-63 ENVELOP
 IP 682.5W- 20.W LENGTH 70250 FEET
 GEOCHEMISTRY NIL
 ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
 TRAVERSES INCREASE SOUTH = -Y

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	#	FREQ. EFFECT				APP. R	ESIST O	HM.M	
*****	X	Y # N=1 N=2 N=3 N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	-2000	-254000# 0.9					350.3		
2#	-2250	-254000# 0.9				350.3			
3#	-2500	-254000# 1.4 0.9			423		306.3		
4#	-2750	-254000# 0.5 1.5		204.8		415.4			
5#	-3000	-254000# 1.4 0.5			241.2		409.6		
6#	-3250	-254000# 1.0 1.9	1.38	1.56	331.1	241.2		365.76	369.43
7#	-3500	-254000# 1.0 3.4			352.2		434.5		
8#	-3750	-254000# 2.4 1.9	1.97	1.79	220.1	698.7		381.47	309.37
9#	-4000	-254000# 1.9			396.2				
10#	-4250	-254000# 1.4 1.0	2.13	1.86	262.2	382.8		378.12	294.78
11#	-4500	-254000# 1.4 3.3			187.6		627.8		
12#	-4750	-254000# 0.9 3.3	2.10	2.71	143.6	329.2		298.37	439.06
13#	-5000	-254000# 2.4 3.3			269.9		402.0		
14#	-5250	-254000# 2.4 3.4	3.00	2.41	308.2	338.8		379.32	220.45
15#	-5500	-254000# 3.8 2.4			413.5		382.8		
16#	-5750	-254000# 4.3 3.8	3.58	3.52	155	501.5		313.84	352.44
17#	-6000	-254000# 3.3 2.9			208.6		497.7		
18#	-6250	-254000# 3.8 3.4	3.67	3.89	189.5	245		311.05	392.4
19#	-6500	-254000# 4.4			258.4				
20#	-6750	-254000# 3.4 4.3	3.88	3.85	245	390.5		375.33	447.67
21#	-7000	-254000# 3.8 4.3			434.5		446.0		
22#	-7250	-254000# 4.1 4.3	4.21	3.85	413.5	541.7		503.82	376.13
23#	-7500	-254000# 2.9 4.7			562.8		608.7		
24#	-7750	-254000# 4.4 4.3	4.21	4.73	294.8	599.1		479.45	431.16
25#	-8000	-254000# 3.3 6.2			428.8		723.5		
26#	-8250	-254000# 3.4 5.1	4.46	5.43	346.5	511.1		472.43	426.61
27#	-8500	-254000# 5.8 3.8			415.4		528.3		
28#	-8750	-254000# 5.4 5.0	5.70	4.44	268	503.4		435.39	521.36
29#	-9000	-254000# 4.9 5.7			409.6		472.8		
30#	-9250	-254000# 4.8 5.3	5.38	5.2	440.3	444.1		490.98	518.49
31#	-9500	-254000# 4.8 12.0			520.6				
32#	-9750	-254000# 5.3 5.3	5.46	4.2	379	549.4		513.15	441.93
33#	-10000	-254000# 4.3 4.8			490		677.6		
34#	-10250	-254000# 2.8 4.8	4.48	4.62	256.5	639.3		474.07	430.68
35#	-10500	-254000# 3.3 4.8			398.1		721.6		
36#	-10750	-254000# 3.4 3.8	3.96	4.61	338.8	547.4		476.78	320.86
37#	-11000	-254000# 3.3 5.0			585.7		451.7		
38#	-11250	-254000# 2.4 4.3	3.47	3.5	354.1	503.4		406.52	408.43
39#	-11500	-254000# 2.4 4.8			365.6		201.0		
40#	-11750	-254000# 2.4 4.3	3.20	3.22	285.2	160.8		270.21	413.69
41#	-12000	-254000# 2.9 3.3			151.2		195.2		
42#	-12250	-254000# 3.3 1.6	3.11	2.98	76.6	99.5		194.84	295.02
43#	-12500	-254000# 1.9			402				

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****														
44#	-12750	-254000#		1.4	2.9			2.32	3.18	40.2		220.1		201.46	112.93
45#	-13000	-254000#			2.4		3.3				126.3		402.0		
46#	-13250	-254000#		2.0	2.4			2.57	2.36	36.4		258.4		152.17	167.49
47#	-13500	-254000#			1.9		3.6				80.4		329.2		
48#	-13750	-254000#		1.5	2.4			2.46	2.57	134		103.4		168.01	114.61
49#	-14000	-254000#			2.0		3.8				164.6		93.8		
50#	-14250	-254000#		1.9	3.8			2.65	2.65	99.5		151.2		134.19	210.08
51#	-14500	-254000#			1.9		3.4				116.8		153.1		
52#	-14750	-254000#		3.9	3.9			3.14	2.56	124.4		134		127.77	166.77
53#	-15000	-254000#			1.4		2.8				162.7		91.9		
54#	-15250	-254000#		3.4	3.4			2.86	2.81	168.4		116.8		148.51	161.98
55#	-15500	-254000#			2.4						135.9				
56#	-15750	-254000#		2.4	2.4			2.50	2.84	141.6		162.7		161.03	149.54
57#	-16000	-254000#			2.8		2.4				187.6		170.4		
58#	-16250	-254000#		3.4	2.4			2.64	2.66	86.1		151.2		157.68	110.3
59#	-16500	-254000#			2.9		1.4				93.8		329.2		
60#	-16750	-254000#		2.9	2.5			2.47	2.45	88.1		189.5		133.15	112.7
61#	-17000	-254000#			1.9		1.9				84.2		208.6		
62#	-17250	-254000#		0.9	1.9			1.82	2.33	55.5		107.2		116.84	113.65
63#	-17500	-254000#			1.5		3.4				82.3		116.8		
64#	-17750	-254000#		1.9	1.9			2.10	2.06	53.6		120.6		97.46	133.75
65#	-18000	-254000#			2.3		3.3				93.8		103.4		
66#	-18250	-254000#		3.9	1.4			2.64	2.4	53.6		88.1		93.47	97.62
67#	-18500	-254000#			1.5						67				
68#	-18750	-254000#		3.8	2.0			2.69	2.6	34.5		109.1		84.7	100.49
69#	-19000	-254000#			2.8		2.4				70.8		181.8		
70#	-19250	-254000#		2.4	3.4			2.40	2.4	59.3		126.3		101.37	77.76
71#	-19500	-254000#			1.5		2.0				114.8		97.6		
72#	-19750	-254000#		2.4	2.9			2.32	2.76	61.3		93.8		96.74	85.18
73#	-20000	-254000#			1.9		2.4				51.7		151.2		
74#	-20250	-254000#		3.8	1.9			2.94	2.39	38.3		88.1		80.63	124.18
75#	-20500	-254000#			3.8		2.9				76.6		128.2		
76#	-20750	-254000#		2.8	3.4			2.73	2.54	74.7		116.8		103.76	89.25
77#	-21000	-254000#			3.3		1.9				128.2		105.3		
78#	-21250	-254000#		2.9	0.9			2.51	2.63	57.4		124.4		104.24	122.51
79#	-21500	-254000#			0.9						72.7				
80#	-21750	-254000#		4.3	3.3			2.46	2.33	65.1		151.2		120.11	147.39
81#	-22000	-254000#			1.4		2.6				160.8		151.2		
82#	-22250	-254000#		1.0	1.9			1.77	2.09	145.5		143.6		168.29	107.67
83#	-22500	-254000#			1.7		2.4				145.5		220.1		
84#	-22750	-254000#		2.9	1.4			2.18	1.99	67		220.1		140.81	154.09
85#	-23000	-254000#			2.4		1.9				126.3		237.4		
86#	-23250	-254000#		1.5	1.4			1.91	2.05	112.9		141.6		156.76	125.14
87#	-23500	-254000#			3.1		1.9				149.3		158.9		
88#	-23750	-254000#		1.5	1.0			1.83	1.92	86.1		179.9		140.53	153.13
89#	-24000	-254000#			1.9		2.3				126.3		166.5		
90#	-24250	-254000#		1.0	1.4			1.71	2.32	124.4		130.2		139.97	127.53
91#	-24500	-254000#			2.9						120.6				
92#	-24750	-254000#		1.9	1.9			2.34	1.91	76.6		124.4		114.85	132.79
93#	-25000	-254000#			3.4		1.9				82.3		176.1		
94#	-25250	-254000#		2.4	2.9			2.43	2.09	76.6		124.4		112.62	108.87

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M					
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P	
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
95#	-25500	-254000#		1.4		2.5					109.1			122.5			
96#	-25750	-254000#	0.9		3.4			1.90	2.32	59.3		116.8			104.8	74.17	
97#	-26000	-254000#		1.0		2.4					74.7			170.4			
98#	-26250	-254000#	1.9		1.5			2.28	2.27	38.3		114.8			83.38	100.97	
99#	-26500	-254000#		2.9		4.7					67			128.2			
100#	-26750	-254000#	1.4		2.4			2.61	2.46	45.9		78.5			78.48	67	
101#	-27000	-254000#		4.3		1.9					63.2			63.2			
102#	-27250	-254000#	3.8		3.4			3.22	2.88	42.1		53.6			59.02	94.99	
103#	-27500	-254000#		2.4							44						
104#	-27750	-254000#	3.4		2.4			3.10	3.45	53.6		53.6			69.39	71.78	
105#	-28000	-254000#		3.8		2.4					166.5			44.0			
106#	-28250	-254000#	0.9		3.4			2.86	2.47	53.6		65.1			74.01	61.01	
107#	-28500	-254000#		3.9		4.3					59.3			76.6			
108#	-28750	-254000#	1.0		3.8			2.73	2.22	38.3		74.7			60.93	83.98	
109#	-29000	-254000#		2.8		3.8					63.2			74.7			
110#	-29250	-254000#	0.1		3.9			2.26	2.02	42.1		68.9			69.03	47.38	
111#	-29500	-254000#		2.4		1.0					63.2			103.4			
112#	-29750	-254000#	0.1		2.4			1.74	2.23	26.8		109.1			62.21	53.84	
113#	-30000	-254000#		0.2		2.8					44			91.9			
114#	-30250	-254000#	0.1		2.9			1.46	2.05	34.5		57.4			57.74	46.42	
115#	-30500	-254000#		2.4							44						
116#	-30750	-254000#	1.9		2.9			2.06	1.36	28.7		53.6			43.63	55.99	
117#	-31000	-254000#		1.9		1.4					34.5			42.1			
118#	-31250	-254000#	1.9		1.9			1.78	2.27	36.4		38.3			39	47.38	
119#	-31500	-254000#		1.4		0.5					32.5			36.4			
120#	-31750	-254000#	1.4		1.9			1.69	1.8	40.2		40.2			38.52	47.14	
121#	-32000	-254000#		2.4		1.9					30.6			47.9			
122#	-32250	-254000#	1.4		1.5			1.57	1.49	38.3		36.4			41.31	41.63	
123#	-32500	-254000#		1.0		2.9					40.2			49.8			
124#	-32750	-254000#	0.9		0.5			1.46	1.38	36.4		51.7			45.22	37.33	
125#	-33000	-254000#		1.4		2.4					49.8			61.3			
126#	-33250	-254000#	0.9		1.9			1.44	1.32	28.7		51.7			43.15	39.72	
127#	-33500	-254000#		1.5							36.4						
128#	-33750	-254000#	0.9		0.5			1.37	1.8	32.5		40.2			41.23	46.66	
129#	-34000	-254000#		1.0		1.9					34.5			47.9			
130#	-34250	-254000#	1.9		1.4			1.68	1.55	38.3		40.2			43.55	51.2	
131#	-34500	-254000#		1.0		1.9					45.9			49.8			
132#	-34750	-254000#	0.5		3.4			1.51	1.45	38.3		53.6			48.85	53.36	
133#	-35000	-254000#		2.4		2.4					51.7			55.5			
134#	-35250	-254000#	1.9		0.5			1.97	1.32	38.3		51.7			52.44	46.42	
135#	-35500	-254000#		1.9		2.4					40.2			86.1			
136#	-35750	-254000#	0.9		1.5			1.42	1.98	32.5		63.2			53.76	61.01	
137#	-36000	-254000#		0.5		1.5					51.7			86.1			
138#	-36250	-254000#	1.0		2.4			1.43	1.56	45.9		67			66.28	56.47	
139#	-36500	-254000#		1.0							57.4						
140#	-36750	-254000#	1.4		1.9			1.63	1.31	47.9		70.8			68.67	73.93	
141#	-37000	-254000#		0.5		2.4					51.7			120.6			
142#	-37250	-254000#	1.0		2.0			1.44	1.74	44		76.6			76.33	68.67	
143#	-37500	-254000#		0.5		2.9					84.2			95.7			
144#	-37750	-254000#	0.9		1.9			1.69	1.74	51.7		99.5			79.84	67.95	
145#	-38000	-254000#		2.4		1.9					67			116.8			

*****	*****						*****	*****	*****	*****	*****	*****	*****		
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
146#	-38250	-254000#		2.4	2.9			2.22	1.56	78.5		84.2		81.95	85.42
147#	-38500	-254000#			2.4		1.4				70.8		88.1		
148#	-38750	-254000#		1.4	1.0			1.74	2.1	70.8		74.7		79.76	78.24
149#	-39000	-254000#			1.4		2.4				78.5		76.6		
150#	-39250	-254000#		0.9	1.4			1.57	1.68	86.1		80.4		77.36	84.94
151#	-39500	-254000#			2.9						67				
152#	-39750	-254000#		1.0	2.0			1.57	1.67	80.4		65.1		77.12	81.11
153#	-40000	-254000#			1.0		1.4				76.6		67.0		
154#	-40250	-254000#		2.4	1.4			1.82	1.68	61.3		74.7		75.29	77.76
155#	-40500	-254000#			1.4		1.5				65.1		105.3		
156#	-40750	-254000#		0.9	1.9			1.47	1.62	59.3		80.4		76.21	65.8
157#	-41000	-254000#			1.0		2.9				68.9		114.8		
158#	-41250	-254000#		1.0	2.4			1.41	1.37	51.7		91.9		73.85	62.93
159#	-41500	-254000#			0.9		1.5				63.2		97.6		
160#	-41750	-254000#		1.0	0.5			1.50	1.86	47.9		70.8		69.63	68.67
161#	-42000	-254000#			1.0		2.6				61.3		68.9		
162#	-42250	-254000#		0.5	2.4			1.68	2.15	76.6		61.3		68.75	90.2
163#	-42500	-254000#			2.4						76.6				
164#	-42750	-254000#		1.0	2.9			2.38	1.62	82.3		49.8		78.96	59.82
165#	-43000	-254000#			2.4		3.8				88.1		40.2		
166#	-43250	-254000#		1.4	4.3			2.56	1.95	51.7		195.2		62.61	55.75
167#	-43500	-254000#			2.4		2.4				40.2		38.3		
168#	-43750	-254000#		0.5	3.3			2.28	2.11	24.9		34.5		49.37	46.42
169#	-44000	-254000#			3.4		2.4				32.5		45.9		
170#	-44250	-254000#		1.0	2.4			1.88	2.33	26.8		44		36.21	57.42
171#	-44500	-254000#			0.5		0.9				34.5		55.5		
172#	-44750	-254000#		0.9	1.0			1.50	1.68	30.6		40.2		39.88	37.57
173#	-45000	-254000#			1.9		3.9				42.1		40.2		
174#	-45250	-254000#		0.5	1.0			1.18	1.44	28.7		45.9		40.84	42.59
175#	-45500	-254000#			0.5						38.3				
176#	-45750	-254000#		1.4	1.4			1.37	1.65	28.7		47.9		42.51	42.35
177#	-46000	-254000#			0.5		1.0				44		53.6		
178#	-46250	-254000#		0.5	1.0			1.39	1.64	26.8		53.6		43.95	36.13
179#	-46500	-254000#			0.5		2.4				42.1		59.3		
180#	-46750	-254000#		1.4	4.1			1.75	1.92	19.1		47.9		39.04	37.11
181#	-47000	-254000#			2.0		3.9				30.6		55.5		
182#	-47250	-254000#		1.0	1.5			2.10	1.21	17.4		38.3		34.86	37.68
183#	-47500	-254000#			1.5		1.4				26.8		47.9		
184#	-47750	-254000#		1.0	2.9			1.94	2.2	16.3		34.5		32.54	33.19
185#	-48000	-254000#			1.4		3.8				24.9		49.8		
186#	-48250	-254000#		1.4	2.5			2.08	1.64	16.5		38.3		30.36	29
187#	-48500	-254000#			2.4						26.8				
188#	-48750	-254000#		0.9	2.4			1.82	1.49	18.6		34.5		28.33	29.33
189#	-49000	-254000#			0.9		1.9				24.9		32.5		
190#	-49250	-254000#		1.4	2.0			1.46	1.92	19.1		26.8		26.4	46.04
191#	-49500	-254000#			1.0		1.4				23		24.9		
192#	-49750	-254000#		0.9	0.9			1.40	1.73	19		24.9		33.68	50.58
193#	-50000	-254000#			2.9						18.8		44.0		
194#	-50250	-254000#		1.0	1.0			1.53	1.36	12.3		36.4		39.98	27.2
195#	-50500	-254000#			1.4		1.0				26.8		160.8		
196#	-50750	-254000#		0.5	2.8			1.27	1.8	14.9		53.6		48.4	27.09

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT							
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
197#	-51000	-254000#		1.9	1.9			30.6	116.8
198#	-51250	-254000#	0.5		0.8		1.59	1.53	17.2
199#	-51500	-254000#		1.4				42.1	
200#	-51750	-254000#	0.5		2.9		1.68	1.53	44
201#	-52000	-254000#		1.6		3.4		72.7	
202#	-52250	-254000#	2.0		3.4		2.11	1.71	72.7
203#	-52500	-254000#		2.7		1.9		42.1	
204#	-52750	-254000#	3.4		0.5		2.39	1.61	53.6
205#	-53000	-254000#		1.4		1.0		47.9	
206#	-53250	-254000#	0.5		2.4		1.22	2.26	28.7
207#	-53500	-254000#		1.0		1.9		40.2	
208#	-53750	-254000#	0.5		2.0		1.11	1.07	11.7
209#	-54000	-254000#		0.5		1.5		19.1	
210#	-54250	-254000#	0.5		0.9		1.05	1.17	11.7
211#	-54500	-254000#		0.5				19.1	
212#	-54750	-254000#	0.5		1.4		1.04	1.24	12.4
213#	-55000	-254000#		1.0		1.9		32.5	
214#	-55250	-254000#	0.5		1.4		1.22	0.84	19.1
215#	-55500	-254000#		1.4		1.7		42.1	
216#	-55750	-254000#	0.5		1.0		1.11	1.32	26.8
217#	-56000	-254000#		0.9		2.1		24.9	
218#	-56250	-254000#	1.9		0.5		1.44	1.28	40.2
219#	-56500	-254000#		1.4		1.4		30.6	
220#	-56750	-254000#	1.0		1.5		1.24	1.1	38.3
221#	-57000	-254000#		1.6		1.4		38.3	
222#	-57250	-254000#	0.9		0.5		1.08	1.02	32.5
223#	-57500	-254000#		1.0				61.3	
224#	-57750	-254000#	0.5		1.0		0.78	1.05	28.7
225#	-58000	-254000#		0.9		0.3		36.4	
226#	-58250	-254000#	0.5		0.9		0.74	0.85	24.9
227#	-58500	-254000#		1.0		0.8		38.3	
228#	-58750	-254000#	1.5		0.9		0.91	1.01	36.4
229#	-59000	-254000#		0.5		0.5		63.2	
230#	-59250	-254000#	1.3		0.5		0.97	0.69	44
231#	-59500	-254000#		1.5		0.9		44	
232#	-59750	-254000#	0.5		0.9		0.72	0.93	38.3
233#	-60000	-254000#		0.5		1.0		51.7	
234#	-60250	-254000#	1.0		0.5		0.84	0.99	45.9
235#	-60500	-254000#		0.5				114.8	
236#	-60750	-254000#	0.5		1.0		0.90	1.98	76.6
237#	-61000	-254000#		0.5		1.4		91.9	
238#	-61250	-254000#	1.0		1.9		1.83	1.33	132.1
239#	-61500	-254000#		0.8		2.1		105.3	
240#	-61750	-254000#	1.0		7.5		2.20	1.82	47.9
241#	-62000	-254000#		1.9		3.3		157	
242#	-62250	-254000#	2.9		3.9		3.01	2.24	151.2
243#	-62500	-254000#		2.4		1.4		222	
244#	-62750	-254000#	2.8		3.0		3.01	3.3	189.5
245#	-63000	-254000#		3.7		1.9		202.9	
246#	-63250	-254000#	1.4		4.9		2.82	4.86	191.4
247#	-63500	-254000#		4.3				310.1	

*****	*****						*****	*****	*****	*****	*****	*****
#	FREQ. EFFECT									APP. R	ESIST O	HM.M
No	X	Y #	N=1	N=2	N=3	N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****
248#	-63750	-254000#	1.4	3.9		4.19	3.26	224		214.4		256.5 193.09
249#	-64000	-254000#		2.9	2.4				268		268.0	
250#	-64250	-254000#	2.4	2.9		4.64	5.77	183.8		239.3		213.51 230.42
251#	-64500	-254000#		3.2	19.1				178		239.3	
252#	-64750	-254000#	3.8	5.2		6.03	3.41	157		199.1		192.09 217.26
253#	-65000	-254000#		5.3	5.8				183.8		181.8	
254#	-65250	-254000#	2.8	5.2		6.03	2.49	134		174.2		177.5 189.26
255#	-65500	-254000#		3.8	19.3				130.2		216.3	
256#	-65750	-254000#	1.4	3.8		4.39	5.06	88.1		164.6		156.88 175.62
257#	-66000	-254000#		2.0	3.9				97.6		321.6	
258#	-66250	-254000#	1.4	1.9		3.67	2.99	59.3		218.2		159.35 131.6
259#	-66500	-254000#		2.8					155			
260#	-66750	-254000#	1.4	1.9		2.11	4.61	55.5		214.4		154.09 128.01
261#	-67000	-254000#		1.9	1.9				105.3		220.1	
262#	-67250	-254000#	3.9	2.0		2.52	3.05	68.9		114.8		131.04 182.8
263#	-67500	-254000#		1.9	2.4				76.6		202.9	
264#	-67750	-254000#	2.0	2.3		2.57	2.56	65.1		145.5		131.84 129.52
265#	-68000	-254000#		5.2	2.3				135.9		195.2	
266#	-68250	-254000#		3.4						189.5		
*****	*****						*****	*****	*****	*****	*****	*****

AFTER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 2580S 500 FEET ??-??-?? ENVELOP
IP 485W-25W LENGTH 46000 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH =-Y

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
1#	-2500	-258000#					3.7							287.1	
2#	-2750	-258000#			2.9							342.6			
3#	-3000	-258000#		0.5			3.8				273.7		708.2		
4#	-3250	-258000#	1.4		1.9				168.4			558.9			
5#	-3500	-258000#		2.9			3.8				436.4		555.1		
6#	-3750	-258000#	2.5		1.5			2.69	2.32	189.5		486.2		387.14	292.39
7#	-4000	-258000#		2.9			3.8				287.1		417.3		
8#	-4250	-258000#	1.9		1.4			2.49	3.1	239.3		266.1		334.82	506.53
9#	-4500	-258000#		2.3							233.5				
10#	-4750	-258000#	3.7		2.9			3.11	2.58	369.4		369.4		416.65	385.94
11#	-5000	-258000#		3.3			2.9				547.4		424.9		
12#	-5250	-258000#	2.9		4.8			2.95	2.67	325.4		601		436.9	321.34
13#	-5500	-258000#		3.3			1.9				428.8		641.2		
14#	-5750	-258000#	2.9		1.9			2.81	3.14	329.2		470.9		399.74	419.92
15#	-6000	-258000#		2.9			2.4				396.2		294.8		
16#	-6250	-258000#	1.9		1.4			2.52	6.39	377.1		239.3		369.75	408.43
17#	-6500	-258000#		4.1			2.9				227.8		319.7		
18#	-6750	-258000#	2.4		2.4			4.97	2.76	214.4		241.2		306.42	375.89
19#	-7000	-258000#		3.3			3.8				235.4		635.5		
20#	-7250	-258000#	3.9		28.6			5.46	2.83	149.3		608.7		316.79	201.22
21#	-7500	-258000#		3.3							446				
22#	-7750	-258000#	3.3		3.3			5.33	3.75	172.3		446		293.82	209.36
23#	-8000	-258000#		2.8			2.9				216.3		80.4		
24#	-8250	-258000#	5.2		3.8			3.87	6.14	224		44		191.49	417.76
25#	-8500	-258000#		3.8			2.4				49.8		201.0		
26#	-8750	-258000#	1.4		4.3			2.89	3.61	101.4		204.8		202.22	253.62
27#	-9000	-258000#		2.9			4.3				338.8		250.8		
28#	-9250	-258000#	3.8		2.9			3.23	3.06	147.4		447.9		264.35	74.41
29#	-9500	-258000#		1.4			2.9				204.8		591.5		
30#	-9750	-258000#	2.9		2.9			3.07	3.35	57.4		292.9		211.67	263.43
31#	-10000	-258000#		3.4			4.7				93.8		248.8		
32#	-10250	-258000#	3.4		3.3			3.38	3.41	308.2		88.1		281.22	245.49
33#	-10500	-258000#		2.9							361.8				
34#	-10750	-258000#	3.8		3.3			3.65	3.78	222		273.7		248.44	285.21
35#	-11000	-258000#		1.9			3.8				218.2		271.8		
36#	-11250	-258000#	3.3		3.4			3.85	3.97	137.8		225.9		232.33	198.83
37#	-11500	-258000#		3.4			6.7				162.7		336.9		
38#	-11750	-258000#	2.4		6.2			4.13	3.59	86.1		258.4		198.59	141.41
39#	-12000	-258000#		5.7			4.8				143.6		436.4		
40#	-12250	-258000#	4.3		3.5			4.67	3.66	57.4		268		165.29	160.07
41#	-12500	-258000#		3.4			5.3				124.4		172.3		
42#	-12750	-258000#	4.3		3.9			4.15	4.85	93.8		86.1		145.95	153.61
43#	-13000	-258000#		3.8			4.3				70.8		116.8		

*****	*****						*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****
44#	-13250	-258000#	3.9		4.3			4.06	3.61	61.3		97.6		98.5 180.65
45#	-13500	-258000#		3.3							95.7			
46#	-13750	-258000#	3.9		4.7			3.74	3.38	88.1		143.6		116.92 103.84
47#	-14000	-258000#		3.8		3.8					141.6		132.1	
48#	-14250	-258000#	2.8		3.8			3.09	3.04	101.4		141.6		122.9 103.12
49#	-14500	-258000#		3.3		1.4					101.4		151.2	
50#	-14750	-258000#	2.9		2.0			2.59	2.44	78.5		114.8		111.98 95.47
51#	-15000	-258000#		2.2		2.0					132.1		122.5	
52#	-15250	-258000#	2.4		1.4			1.88	2.88	72.7		139.7		101.49 89.73
53#	-15500	-258000#		1.5		1.9					112.9		76.6	
54#	-15750	-258000#	1.9		1.4			1.68	2.15	53.6		68.9		74.81 81.59
55#	-16000	-258000#		1.4		1.4					40.2		61.3	
56#	-16250	-258000#	1.4		1.9			1.82	2.1	26.8		38.3		46.18 86.85
57#	-16500	-258000#		1.9							26.8			
58#	-16750	-258000#	1.4		2.9			2.19	1.87	19.1		49.8		49.37 55.82
59#	-17000	-258000#		2.9		2.9					40.2		78.5	
60#	-17250	-258000#	2.4		2.8			2.48	13.36	17.8		67		56.21 50.25
61#	-17500	-258000#		1.0		2.9					19.1		139.7	
62#	-17750	-258000#	0.5		1.9			7.59	2.16	26.8		76.6		65.88 72.81
63#	-18000	-258000#		1.4		3.4					61.3		120.6	
64#	-18250	-258000#	2.4		2.4			9.89	2.17	80.4		107.2		86.77 102.65
65#	-18500	-258000#		0.6		96.0					34.5			
66#	-18750	-258000#	3.4		1.9			14.08	2.54	260.3		65.1		145.55 206.01
67#	-19000	-258000#		1.6							97.6		147.4	
68#	-19250	-258000#	2.9		2.3			14.24	2.82	191.4		193.3		223.72 232.09
69#	-19500	-258000#		3.9							405.8			
70#	-19750	-258000#	3.4		2.9			3.10	14.72	375.2		327.3		325.56 145.47
71#	-20000	-258000#		4.3		2.0					359.9		365.6	
72#	-20250	-258000#	4.4		2.4			3.55	3.8	132.1		442.2		237.99 245.49
73#	-20500	-258000#		3.9		2.8					183.8		157.0	
74#	-20750	-258000#	3.8		3.8			3.59	3.3	179.9		210.6		228.06 197.4
75#	-21000	-258000#		4.9		3.4					287.1		141.6	
76#	-21250	-258000#	2.8		2.8			3.19	2.79	128.2		233.5		168.96 256.5
77#	-21500	-258000#		1.0		4.7					124.4		141.6	
78#	-21750	-258000#	2.8		3.3			2.88	3.64	134		97.6		154.57 150.26
79#	-22000	-258000#		2.2		3.9					132.1		204.8	
80#	-22250	-258000#	4.8		3.2			3.73	3.4	34.5		248.8		119 104.56
81#	-22500	-258000#		3.8							97.6			
82#	-22750	-258000#	4.8		2.8			3.94	3.37	28.7		118.7		97.3 80.39
83#	-23000	-258000#		2.9		3.4					40.2		168.4	
84#	-23250	-258000#	2.9		4.3			3.27	3.93	28.7		49.8		66.04 133.03
85#	-23500	-258000#		2.9		5.2					32.5		84.2	
86#	-23750	-258000#	2.9		2.9			3.51	3.52	49.8		61.3		86.26 74.65
87#	-24000	-258000#		2.9		3.3					99.5		114.8	
88#	-24250	-258000#	3.8		5.2			3.96	3.71	53.6		199.1		96.9 84.7
89#	-24500	-258000#		4.3		4.8					137.8		135.9	
90#	-24750	-258000#	4.8		4.8			4.35	4.01	90		84.2		102.41 86.14
91#	-25000	-258000#		3.8		3.3					65.1		67.0	
92#	-25250	-258000#	4.8		4.3			4.31	4.74	78.5		53.6		85.58 120.83
93#	-25500	-258000#		3.9							82.3			
94#	-25750	-258000#	4.3		3.8			4.49	4.13	45.9		103.4		85.98 78.24

*****	*****							*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	
95#	-26000	-258000#			5.8		4.8				82.3		126.3		
96#	-26250	-258000#	3.8		4.9			4.33	3.65	26.8		130.2		82.71	51.44
97#	-26500	-258000#		3.8			5.3				53.6		166.5		
98#	-26750	-258000#	2.4		3.9			3.69	3.05	19.1		82.3		66.2	50.96
99#	-27000	-258000#		4.8			3.4				38.3		99.5		
100#	-27250	-258000#	2.4		2.4			3.08	3.49	23		53.6		52.68	71.54
101#	-27500	-258000#		1.4			3.8				38.3		51.7		
102#	-27750	-258000#	2.4		3.4			2.49	3.36	36.4		38.3		46.34	59.1
103#	-28000	-258000#		1.9			1.9				36.4		47.9		
104#	-28250	-258000#	2.9		2.9			2.69	2.33	32.5		44		39.88	52.88
105#	-28500	-258000#		2.4							28.7				
106#	-28750	-258000#	2.9		1.9			2.41	3.35	32.5		47.9		43.15	40.2
107#	-29000	-258000#		1.0			3.4				42.1		53.6		
108#	-29250	-258000#	3.3		1.0			2.87	3.09	24.9		53.6		43.07	39.24
109#	-29500	-258000#		2.0			4.3				38.3		67.0		
110#	-29750	-258000#	0.7		3.8			2.89	2.9	28.7		49.8		42.91	38.04
111#	-30000	-258000#		3.8			5.7				40.2		49.8		
112#	-30250	-258000#	3.1		6.2			3.92	2.4	28.7		44		40.28	40.91
113#	-30500	-258000#		3.4			4.0				32.5		47.9		
114#	-30750	-258000#	2.9		3.8			3.69	3.56	30.6		36.4		37.33	42.11
115#	-31000	-258000#		3.1			3.4				28.7		45.9		
116#	-31250	-258000#	3.4		2.9			3.31	3.31	32.5		40.2		37.64	35.41
117#	-31500	-258000#		1.9							44				
118#	-31750	-258000#	2.4		4.3			2.63	2.55	34.5		44		36.69	34.93
119#	-32000	-258000#		2.5			3.8				36.4		30.6		
120#	-32250	-258000#	1.3		2.9			2.11	2.15	34.5		26.8		33.42	45.46
121#	-32500	-258000#		2.4			0.5				26.8		28.7		
122#	-32750	-258000#	1.0		1.9			1.80	2.17	26.8		28.7		34.69	55.01
123#	-33000	-258000#		2.4			0.5				28.7		44.0		
124#	-33250	-258000#	1.0		2.4			1.46	2.45	19		47.9		41.27	31.49
125#	-33500	-258000#		1.4			1.0				30.6		95.7		
126#	-33750	-258000#	1.4		1.0			1.62	2.51	14.5		68.9		46.94	47.59
127#	-34000	-258000#		1.9			2.9				36.4		103.4		
128#	-34250	-258000#	2.9		2.4			2.61	2.81	23		59.3		60.61	62.11
129#	-34500	-258000#		2.4							47.9				
130#	-34750	-258000#	3.3		4.3			3.61	2.9	36.4		122.5		77.76	86.85
131#	-35000	-258000#		4.3			4.8				122.5		82.3		
132#	-35250	-258000#	5.3		4.3			4.39	3.51	122.5		93.8		112.22	94.03
133#	-35500	-258000#		2.1			4.8				82.3		107.2		
134#	-35750	-258000#	4.8		3.3			4.11	5.1	90		137.8		109.15	138.3
135#	-36000	-258000#		2.8			5.8				134		128.2		
136#	-36250	-258000#	4.3		5.2			4.59	3.97	122.5		137.8		137.1	81.59
137#	-36500	-258000#		5.7			4.3				155		143.6		
138#	-36750	-258000#	3.8		5.3			4.62	3.52	67		178		113.33	89.73
139#	-37000	-258000#		3.4			5.8				84.2		141.6		
140#	-37250	-258000#	3.8		3.8			3.86	3.89	42.1		70.8		81.83	76.57
141#	-37500	-258000#		2.9							42.1				
142#	-37750	-258000#	1.9		2.9			2.98	3.42	23		53.6		49.45	67.66
143#	-38000	-258000#		2.4			3.4				30.6		78.5		
144#	-38250	-258000#	2.9		2.9			2.86	3.06	19.1		47.9		33.07	40.58
145#	-38500	-258000#		3.8			3.4				32.5		23.0		

*****	*****						*****	*****	*****	*****	*****	*****	*****		
#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****
146#	-38750	-258000#	4.8		1.4		3.03		1.97	13.4		16.8		23.52	22.32
147#	-39000	-258000#		1.0		2.4					7.3		24.9		
148#	-39250	-258000#	1.4		1.4		1.64		3.06	5.7		12.1		12.17	35.89
149#	-39500	-258000#		0.4		2.9					8		14.4		
150#	-39750	-258000#	1.0		2.9		1.75		2.39	6.1		11.7		12.76	27.68
151#	-40000	-258000#		2.4		1.4					9.2		24.9		
152#	-40250	-258000#	2.9		2.9		2.67		3.09	5.9		21.1		22.75	43.95
153#	-40500	-258000#		1.4							13.4				
154#	-40750	-258000#	9.5		1.4		4.59		3.35	107.2		70.8		63.65	20.7
155#	-41000	-258000#		4.8		6.2					67		78.5		
156#	-41250	-258000#	2.9		2.8		3.58		10.17	32.5		80.4		49.13	56.71
157#	-41500	-258000#		2.9		2.4					47.9		45.9		
158#	-41750	-258000#	5.3		6.2		7.47		5.89	53.6		30.6		55.11	45.7
159#	-42000	-258000#		4.8		3.8					44		13.4		
160#	-42250	-258000#	6.2		8.1		9.89		6.92	63.2		24.9		50.17	53.12
161#	-42500	-258000#		8.6		47.9					44		164.6		
162#	-42750	-258000#	9.1		11.5		13.73		5.6	30.6		38.3		41.23	45.22
163#	-43000	-258000#		8.6							30.6		24.9		
164#	-43250	-258000#	0.3		14.4		12.00		5.56	23		24.9		44.58	34.93
165#	-43500	-258000#		7.2							24.9				
166#	-43750	-258000#	2.9		9.6		5.90		9.67	13.4		51.7		35.49	55.18
167#	-44000	-258000#		3.3		8.2					30.6		78.5		
168#	-44250	-258000#	2.4		5.3		3.89		4.07	18.4		51.7		44.79	49.29
169#	-44500	-258000#		2.9		3.3					34.5		70.8		
170#	-44750	-258000#	0.9		1.4		2.55		3.1	32.5		51.7		58.62	93.22
171#	-45000	-258000#		1.9		2.4					61.3		80.4		
172#	-45250	-258000#	1.9		2.4		1.92		4.07	88.1		109.1		100.33	81.83
173#	-45500	-258000#		1.0		1.4					160.8		103.4		
174#	-45750	-258000#	1.9		1.9		1.96		2.28	116.8		170.4		125.62	87.09
175#	-46000	-258000#		1.4		2.4					155		112.9		
176#	-46250	-258000#	3.4		3.9		2.42		2.74	130.2		107.2		122.11	126.09
177#	-46500	-258000#		1.9							107.2				
178#	-46750	-258000#	2.8		1.9		2.92		2.82	105.3		88.1		114.45	128.01
179#	-47000	-258000#		3.3		2.4					105.3		99.5		
180#	-47250	-258000#	1.0		2.8		2.89		3.11	45.9		134		105.84	109.35
181#	-47500	-258000#		1.9		5.3					72.7		197.2		
182#	-47750	-258000#	0.9		3.9		3.11		2.06	36.4		120.6		105.08	79.76
183#	-48000	-258000#		3.3		7.7					72.7		225.9		
184#	-48250	-258000#			4.8							149.3			
185#	-48500	-258000#				4.8							183.8		
*****	*****						*****	*****	*****	*****	*****	*****	*****	*****	*****

AFTER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 2660S 500 FEET ??-??-?? ENVELOP

IP 482.5W-155W LENGTH 32750 FEET

GEOCHEMISTRY nil

ALONG LINE STATIONS INCREASE WEST $= -X$, INCREASE

TRAVERSES INCREASE SOUTH =-Y

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M		
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****
1#	-15500	-266000#											99.5		
2#	-15750	-266000#			5.8							68.9			
3#	-16000	-266000#		3.8							49.8		51.7		
4#	-16250	-266000#	3.4		4.8					30.6		38.3			
5#	-16500	-266000#		5.3		5.7					30.6		49.8		
6#	-16750	-266000#	4.8		3.3			5.12	4.63	24.9		40.2		31.98	49.29
7#	-17000	-266000#		3.8		6.7					32.5		23.0		
8#	-17250	-266000#	4.3		6.7			4.98	6.22	38.3		18.2		34.1	49.77
9#	-17500	-266000#		3.8							24.9		32.5		
10#	-17750	-266000#	19.1		6.7			8.52	3.75	157		36.4		61.45	37.33
11#	-18000	-266000#		3.4							24.9		45.9		
12#	-18250	-266000#	2.9		4.8			3.68	6.23	21.1		32.5		31.7	37.54
13#	-18500	-266000#		4.3		3.8					34.5		38.3		
14#	-18750	-266000#	1.9		3.3			3.00	3.19	14.4		40.2		28.61	24.64
15#	-19000	-266000#		3.4		2.4					19		42.1		
16#	-19250	-266000#	1.9		1.4			2.53	3.11	21.1		21.1		25.5	27.18
17#	-19500	-266000#		2.4							23				
18#	-19750	-266000#	1.9		1.9			1.92	2.38	15.9		19.1		20.76	20.24
19#	-20000	-266000#		1.0							13.2		19.1		
20#	-20250	-266000#	0.5					1.04	2.15	11.7		15.1		13.31	17.75
21#	-20500	-266000#		1.9							6.1				
22#	-20750	-266000#	2.4		0.5			1.75	1.04	7.5		11.5		10.65	39.79
23#	-21000	-266000#		2.9							7.5		14.2		
24#	-21250	-266000#	1.4					1.27	2.03	4.6		9.8		18.69	11.92
25#	-21500	-266000#		0.5							6.5		15.3		
26#	-21750	-266000#	1.0		1.0			1.20	1.43	11.5		14.4		20.24	10.79
27#	-22000	-266000#		2.9							7.7		124.4		
28#	-22250	-266000#	2.4					1.76	1.75	7.3		9.2		19.66	11.1
29#	-22500	-266000#		1.0							5.9				
30#	-22750	-266000#	3.3					2.23	2.56	4.2		11.3		24.21	12.73
31#	-23000	-266000#		2.9							9.4		19.1		
32#	-23250	-266000#	4.3		1.4			2.96	1.98	5		19.1		12.84	23.64
33#	-23500	-266000#		2.9							12.1				
34#	-23750	-266000#	1.9		1.9			2.02	2.08	7.7		24.9		13.7	13.42
35#	-24000	-266000#		1.9							14.4		15.3		
36#	-24250	-266000#	0.5		1.9			1.50	2.6	15.3		13.4		15.59	15.77
37#	-24500	-266000#		2.9							16.5		10.0		
38#	-24750	-266000#	1.9		1.0			2.40	2.43	14.4		12.8		14.94	36.61
39#	-25000	-266000#		2.4							13.6		18.6		
40#	-25250	-266000#	2.9		5.1			3.01	2.64	8		21.1		21.02	22.01
41#	-25500	-266000#		2.4							14				
42#	-25750	-266000#	2.9		0.9			2.97	3.12	6.5		32.5		26.89	18.52
43#	-26000	-266000#		1.9		4.4					16.3		91.9		

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
No	#	FREQ.	EFFECT					APP. R	ESIST O	HM.M		
*****	X	Y	# N=1 N=2 N=3 N=4 FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P		
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
44#	-26250	-266000#	1.4 2.9 2.71	2.9	10		40.2		31.88	23.78		
45#	-26500	-266000#	3.0 3.4			32.5		53.6				
46#	-26750	-266000#	2.3 4.3 3.25	3.05	32.5		32.5		38.2	38.69		
47#	-27000	-266000#	5.3 5.0			36.4		28.7				
48#	-27250	-266000#	2.9 1.4 3.62	3.31	38.3		32.5		38.6	68.19		
49#	-27500	-266000#	3.3 1.9			38.3		28.7				
50#	-27750	-266000#	3.3 5.2 3.40	3.53	70.8		36.4		56.87	66.04		
51#	-28000	-266000#	3.3 4.3			63.2		68.9				
52#	-28250	-266000#	3.9 2.8 3.43	4	61.3		122.5		75.93	65.56		
53#	-28500	-266000#	3.4			139.7						
54#	-28750	-266000#	3.9 2.4 3.75	3.35	63.2		84.2		89.89	61.73		
55#	-29000	-266000#	2.0 2.9			61.3		82.3				
56#	-29250	-266000#	3.8 8.9 3.53	3.6	40.2		130.2		74.49	110.78		
57#	-29500	-266000#	1.9 4.3			42.1		99.5				
58#	-29750	-266000#	3.3 3.4 3.74	4.24	47.9		82.3		93.63	63.41		
59#	-30000	-266000#	3.8 3.4			112.9		139.7				
60#	-30250	-266000#	6.7 2.9 4.71	3.62	30.6		181.8		86.54	64.84		
61#	-30500	-266000#	4.8 4.3			67		149.3				
62#	-30750	-266000#	3.3 4.8 4.03	4	34.5		59.3		77.92	86.14		
63#	-31000	-266000#	4.8			38.3		82.3				
64#	-31250	-266000#	3.3 3.9 3.59	3.16	47.9		61.3		76.09	155.52		
65#	-31500	-266000#	2.4			88.1						
66#	-31750	-266000#	2.8 2.9 3.17	2.77	74.7		65.1		126.01	88.05		
67#	-32000	-266000#	2.4 5.2			76.6		162.7				
68#	-32250	-266000#	2.4 3.3 2.61	2.75	28.7		195.2		126.25	79.2		
69#	-32500	-266000#	1.0 2.4			70.8		474.7				
70#	-32750	-266000#	3.3 3.0 2.51	2.5	34.5		197.2		124.7	61.01		
71#	-33000	-266000#	1.0 2.4			124.4		112.9				
72#	-33250	-266000#	2.4 1.9 2.18	2.73	68.9		74.7		112.81	127.05		
73#	-33500	-266000#	2.4 1.9			44		93.8				
74#	-33750	-266000#	1.4 1.9 1.84	1.87	74.7		55.5		90.04	200.75		
75#	-34000	-266000#	1.9 2.8			126.3		74.7				
76#	-34250	-266000#	1.4 0.5 1.69	1.74	107.2		189.5		138.46	87.09		
77#	-34500	-266000#	2.9			206.7						
78#	-34750	-266000#	1.0 0.9 1.49	2.09	74.7		220.1		132.24	92.12		
79#	-35000	-266000#	1.4 1.0			91.9		206.7				
80#	-35250	-266000#	1.9 0.5 1.86	7.3	55.5		91.9		107.27	126.57		
81#	-35500	-266000#	2.9 2.9			67		132.1				
82#	-35750	-266000#	45.0 2.4 12.74	2.01			95.7					
83#	-36000	-266000#	1.0 2.4			99.5		135.9				
84#	-36250	-266000#	3.9 2.4 2.48	6.88	45.9		132.1		94.63	96.19		
85#	-36500	-266000#	1.4 2.9			74.7		160.8				
86#	-36750	-266000#	2.4 1.9 1.99	2.05	34.5		99.5		84.78	91.16		
87#	-37000	-266000#	0.5 2.3			57.4		116.8				
88#	-37250	-266000#	1.9 1.9 1.72	2.44	44		70.8		84.14	122.27		
89#	-37500	-266000#	1.5			63.2						
90#	-37750	-266000#	2.4 0.5 2.22	2.41	55.5		86.1		107.27	134.71		
91#	-38000	-266000#	3.3 2.4			88.1		162.7				
92#	-38250	-266000#	1.9 2.3 2.46	2.46	55.5		178		144.2	131.84		
93#	-38500	-266000#	1.0 2.8			130.2		279.5				
94#	-38750	-266000#	1.0 4.3 2.47	3.1	76.6		227.8		173.91	204.33		

*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	
	#	FREQ. EFFECT									APP. R	ESIST O	HM.M			
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4		FRASER	MIXED-P
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****
95#	-39000	-266000#		2.9		4.8					172.3		302.4			
96#	-39250	-266000#	2.9		3.4		3.54		2.86	114.8		258.4		213.03	194.29	
97#	-39500	-266000#		4.2		4.3					210.6		241.2			
98#	-39750	-266000#	3.9		3.3		4.15		4.53	176.1		206.7		254.66	229.7	
99#	-40000	-266000#		3.7		4.3					197.2		436.4			
100#	-40250	-266000#	3.3		6.1		4.49		6.04	137.8		470.9		249.4	291.19	
101#	-40500	-266000#		0.6							45.9					
102#	-40750	-266000#	3.9		9.0		6.21		6.41	357.9		499.6		348.37	176.34	
103#	-41000	-266000#		7.9		10.4					493.8		359.9			
104#	-41250	-266000#	5.8		10.5		8.64		7.98	224		390.5		277.15	218.69	
105#	-41500	-266000#		8.1		9.6					239.3		139.7			
106#	-41750	-266000#	10.4		9.0		10.74		11.45	197.2		93.8		177.18	188.78	
107#	-42000	-266000#		10.6		13.6					86.1		70.8			
108#	-42250	-266000#	12.5		14.8		12.61		10.07	53.6		72.7		70.74	214.86	
109#	-42500	-266000#		15.5		13.0					44		82.3			
110#	-42750	-266000#	11.4		13.3		12.50		10.12	40.2		53.6		57.98	72.04	
111#	-43000	-266000#		9.6		13.8					53.6		70.8			
112#	-43250	-266000#	9.2		9.6		10.81		13.03	65.1		78.5		61.35	49.05	
113#	-43500	-266000#		8.6							74.7					
114#	-43750	-266000#	10.4		11.9		11.46		10.94	63.2		45.9		53.21	46.49	
115#	-44000	-266000#		14.5							45.9		17.4			
116#	-44250	-266000#	8.9		12.9		11.17		10.11	34.5		19.1		31.91	55.27	
117#	-44500	-266000#		10.6		11.1					17.8		36.4			
118#	-44750	-266000#	8.7		12.0		10.38		10.14	21.1		36.4		29.67	99.06	
119#	-45000	-266000#		11.5		11.0					49.8		28.7			
120#	-45250	-266000#	6.2		9.6		9.31		7.94	118.7		44		82.91	123.34	
121#	-45500	-266000#				8.6					116.8		40.2			
122#	-45750	-266000#	4.3		7.2		6.53		8.49	241.2		109.1		171.95	226.59	
123#	-46000	-266000#		4.4		9.0					258.4		160.8			
124#	-46250	-266000#	4.3		6.7		6.48		7.07	227.8		394.3		276.67	191.89	
125#	-46500	-266000#		7.6							402					
126#	-46750	-266000#	4.4		7.7		6.62		5.99	220.1		367.5		312.4	170.6	
127#	-47000	-266000#		6.7		7.5					208.6		574.2			
128#	-47250	-266000#	5.2		7.2		6.31		6.56	111		329.2		248.44	254.34	
129#	-47500	-266000#		5.8		6.6					199.1		346.5			
130#	-47750	-266000#	4.7		6.6		5.86		6.54	195.2		220.1		264.95	229.06	
131#	-48000	-266000#		5.7		5.8					248.8		199.1			
132#	-48250	-266000#		5.3								252.7				
*****	*****							*****	*****	*****	*****	*****	*****	*****	*****	*****

AFTER THE FRAISER AND MIXED-PLOT FILTERES

SOUTH REGIONAL 2700S 500 FEET ??-??-?? ENVELOP
IP 485W-265W LENGTH 22000 FEET
GEOCHEMISTRY nil
ALONG LINE STATIONS INCREASE WEST =-X, INCREASE
TRAVERSES INCREASE SOUTH =-Y

*****										*****	*****	*****	*****	*****	*****	*****	*****	*****
	#	FREQ.	EFFECT															
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P			
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1#	-26500	-270000#				4.8								70.8				
2#	-26750	-270000#			5.3							88.1						
3#	-27000	-270000#		4.8		2.9					74.7		116.8					
4#	-27250	-270000#	5.3		3.0				49.8			107.2						
5#	-27500	-270000#		2.3		2.8				93.8			112.9					
6#	-27750	-270000#	1.9		2.4		2.29	3.42	49.8			109.1			86.93	61.49		
7#	-28000	-270000#		1.8		1.9				93.8			93.8					
8#	-28250	-270000#	1.4		2.4		1.93	2.23	30.6			72.7			68.19	72.26		
9#	-28500	-270000#		1.9						38.3								
10#	-28750	-270000#	1.9		1.9		1.99	2.11	26.8			68.9			54.63	69.63		
11#	-29000	-270000#		2.9		1.9				55.5			70.8					
12#	-29250	-270000#	2.4		1.4		2.14	2.34	34.5			61.3			54.39	51.44		
13#	-29500	-270000#		2.6		1.5				44			67.0					
14#	-29750	-270000#	1.9		1.4		2.11	2.39	21.1			51.7			46.82	87.09		
15#	-30000	-270000#		2.0		1.9				32.5			80.4					
16#	-30250	-270000#	1.5		2.9		2.09	1.81	36.4			49.8			62.41	63.41		
17#	-30500	-270000#		2.3		3.8				61.3			76.6					
18#	-30750	-270000#	1.5		2.4		2.15	1.88	36.4			103.4			76.49	75.13		
19#	-31000	-270000#		1.4		2.9				70.8			168.4					
20#	-31250	-270000#	1.9		1.8		2.22	2.16	42.1			132.1			94.43	100.97		
21#	-31500	-270000#		2.0						97.6								
22#	-31750	-270000#	1.9		2.9		2.20	2.32	86.1			158.9			130.32	142.6		
23#	-32000	-270000#		2.9		2.0				181.8			114.8					
24#	-32250	-270000#	2.4		2.0		2.36	3.68	160.8			141.6			174.67	195.72		
25#	-32500	-270000#		2.9		1.9				135.9			170.4					
26#	-32750	-270000#	1.9		1.9		3.17	2.46	155			168.4			200.99	298.61		
27#	-33000	-270000#		2.9		1.9				172.3			382.8					
28#	-33250	-270000#	1.9		14.2		3.18	2.03	187.6			430.7			308.66	160.07		
29#	-33500	-270000#		2.4		1.9				589.6			323.5					
30#	-33750	-270000#	1.9		2.4		3.07	1.97	220.1			520.6			334.82	158.16		
31#	-34000	-270000#		1.9		2.4				245			294.8					
32#	-34250	-270000#	1.0		1.8		1.79	3.46	145.5			153.1			214.54	287.84		
33#	-34500	-270000#		2.0						114.8								
34#	-34750	-270000#	0.9		1.9		1.79	1.91	97.6			137.8			155.68	199.07		
35#	-35000	-270000#		1.9		2.4				134			168.4					
36#	-35250	-270000#	2.4		1.0		2.11	1.73	47.9			185.7			120.67	116.52		
37#	-35500	-270000#		1.9		3.4				78.5			262.2					
38#	-35750	-270000#	2.4		1.9		1.91	2.38	36.4			118.7			98.62	98.1		
39#	-36000	-270000#		1.0		1.9				68.9			112.9					
40#	-36250	-270000#	0.9		1.4		1.85	2.1	67			65.1			93.83	111.26		
41#	-36500	-270000#		2.9		1.9				61.3			101.4					
42#	-36750	-270000#	1.9		2.4		2.20	2.94	49.8			99.5			82.23	125.85		
43#	-37000	-270000#		1.0		3.3				90			118.7					

*****	*****						*****	*****	*****	*****	*****	*****	*****								
	#	FREQ. EFFECT								APP. R	ESIST O	HM.M									
No	X	Y	#	N=1	N=2	N=3	N=4	FRASER	MIXED-P	N=1	N=2	N=3	N=4	FRASER	MIXED-P						
*****	*****														*****	*****	*****	*****	*****	*****	*****
44#	-37250	-270000#	2.4		4.0			3.03	3.11	68.9		112.9		103.6	88.29						
45#	-37500	-270000#		4.3							95.7										
46#	-37750	-270000#	4.8		6.2			4.33	4.31	55.5		147.4		106.71	110.54						
47#	-38000	-270000#		4.8		3.4					103.4		178.0								
48#	-38250	-270000#	8.6		3.4			5.84	5.39	68.9		130.2		121.47	116.52						
49#	-38500	-270000#		4.3		3.8					112.9		128.2								
50#	-38750	-270000#	5.7		5.3			5.48	6.69	74.7		122.5		126.57	136.62						
51#	-39000	-270000#		5.3		8.6					99.5		220.1								
52#	-39250	-270000#	3.3		7.6			5.60	4.8	97.6		189.5		147.91	142.13						
53#	-39500	-270000#		4.7		8.2					204.8		185.7								
54#	-39750	-270000#	4.4		6.8			6.43	7.42	162.7		218.2		177.46	96.9						
55#	-40000	-270000#		4.7		9.6					187.6		126.3								
56#	-40250	-270000#	8.1		9.1			8.61	9.8	176.1		112.9		136.62	121.31						
57#	-40500	-270000#		9.6							70.8										
58#	-40750	-270000#	11.0		8.6			11.53	10.04	65.1		44		64.68	119.39						
59#	-41000	-270000#		12.4		15.3					53.6		36.4								
60#	-41250	-270000#	10.0		16.3			12.62	11.32	44		42.1		44.66	78.96						
61#	-41500	-270000#		12.9		13.4					49.8		32.5								
62#	-41750	-270000#	10.5		17.7			13.32	10.1	68.9		36.4		55.47	46.66						
63#	-42000	-270000#		14.3		11.9					61.3		57.4								
64#	-42250	-270000#	14.3		12.0			12.55	12.7	49.8		97.6		53.84	46.66						
65#	-42500	-270000#		8.6		14.4					86.1		28.7								
66#	-42750	-270000#	10.5		5.8			10.39	9.22	67		26.8		55.19	64.12						
67#	-43000	-270000#		10.0		10.5					28.7		34.5								
68#	-43250	-270000#	4.8		10.6			6.81	6.53	40.2		44		52.64	127.29						
69#	-43500	-270000#		3.9							82.3										
70#	-43750	-270000#	1.9		4.8			3.86	5.69	55.5		97.6		106.87	111.26						
71#	-44000	-270000#		2.0		0.5					97.6		112.9								
72#	-44250	-270000#	1.9		2.9			2.39	4.2	93.8		139.7		159.99	141.41						
73#	-44500	-270000#		1.5		2.4					105.3		417.3								
74#	-44750	-270000#	1.9		3.4			2.08	3.6	59.3		312		188.78	111.5						
75#	-45000	-270000#		2.4		3.8					256.5		254.6								
76#	-45250	-270000#	2.4		1.0			2.82	2.37	80.4		220.1		194.68	92.12						
77#	-45500	-270000#		3.4		1.4					84.2		379.0								
78#	-45750	-270000#	2.9		3.8			3.26	3.69	40.2		158.9		133.99	272.53						
79#	-46000	-270000#		2.9		5.3					84.2		139.7								
80#	-46250	-270000#	3.3		5.8			4.04	3.87	164.6		82.3		202.26	262.96						
81#	-46500	-270000#		4.7							195.2										
82#	-46750	-270000#	6.6		5.8			5.45	4.47	264.2		290.9		293.82	707.04						
83#	-47000	-270000#		6.3		5.1					447.9		463.2								
84#	-27250	-270000#	6.2		4.8			5.61	6.24	1070		599.1		831.62	490.5						
85#	-47500	-270000#		6.2		2.3					1502.6		193.3								
86#	-47750	-270000#	4.8		5.2			5.61	6.1	809.7		857.5		844.46	602.96						
87#	-48000	-270000#		5.6		6.8					507.2		1439.4								
88#	-48250	-270000#			7.6							867.1									
89#	-48500	-270000#				9.5							1058.5								
*****	*****														*****	*****	*****	*****	*****	*****	*****