CONTENTS ENVELOPE 3855

TENEMENT: E.L. 616 - Watson Siding W. Of Ooldea.

TENEMENT HOLDER: Amoco Minerals Australia Company.

0 03

AMOCO MINERALS AUSTRALIA COMPANY

EXPLORATION LICENCE 616

OOLDEA, SOUTH AUSTRALIA

REPORT FOR QUARTER ENDING JULY 16, 1980

G.C. Miller
Project Geologist

South Australia
September 4, 1980

AMOCO MINERALS AUSTRALIA COMPANY

EXPLORATION LICENCE 616

OOLDEA, SOUTH AUSTRALIA

REPORT FOR QUARTER ENDING JULY 16, 1980

1. INTRODUCTION

Exploration Licence 616 covers 898 square kilometers straddling the Trans-Australian Railway Line between Watson and Ooldea in the far west of South Australia. The expenditure commitment for twelve months is $35,000.

Amoco acquired the Licence in order to investigate the base and precious metal potential of inferred Proterozoic rocks beneath Cambrian and/or younger sedimentary cover. A number of aeromagnetic anomalies were initial exploration targets.

2. EXPLORATION COMPLETED

2.1 Acquisition of black and white and color photography and all relevant published geological and geophysical plans; study of all previous explorer's work.

2.2 A geophysical interpretation using published regional aeromagnetic data.

2.3 Ground location and examination of four discrete aeromagnetic anomalies.

2.4 Gridding, levelling and gravity/magnetometer surveying of five discrete aeromagnetic anomalies and along a north-south regional traverse through the center of the Exploration Licence. Simultaneous collection of soil samples for mercury analysis (plus copper, lead, zinc, nickel and cobalt analysis in the case of one inferred shallow source anomaly).

2.5 Initial modelling using the ground gravity and magnetic data.

.... 2.

3. APPROXIMATE EXPENDITURE FOR QUARTER

Salaries (research, field location, magnetic anomaly centers and geological evaluation, geophysical survey preparation, monitoring and modelling of data)	$3,000.00
Field Costs (vehicle costs, fuel, cookery)	1,400.00
Assays	298.80
Aeromagnetic Interpretation	250.00
Geophysics (including gridding and levelling)	11,246.00
Annual Rental in Advance	673.50
Administration/Overheads	840.00
	$17,708.30

GRAHAM C. MILLER
Project Geologist
South Australia

September 4, 1980

AMOCO MINERALS AUSTRALIA COMPANY

EXPLORATION LICENCE 616

OOLDEA, SOUTH AUSTRALIA

REPORT FOR SECOND QUARTER ENDING OCTOBER 16, 1980

No field work was carried out in the quarter. The only expenditure incurred was salaries for technical staff involved in discussions on the ground geophysical results and for drafting.

We are currently considering the possibility of a percussion drill hole to test a co-incident magnetic and gravity anomaly (about 1700 gammas, 1.5 gammas; estimated depth to source 250 meters) at latitude 30°27'20", longitude 131°33'30". Other possible future work includes further geophysics in the south-eastern part of the Exploration Licence where basement is less than 100 meters.

APPROXIMATE EXPENDITURE DURING THE QUARTER

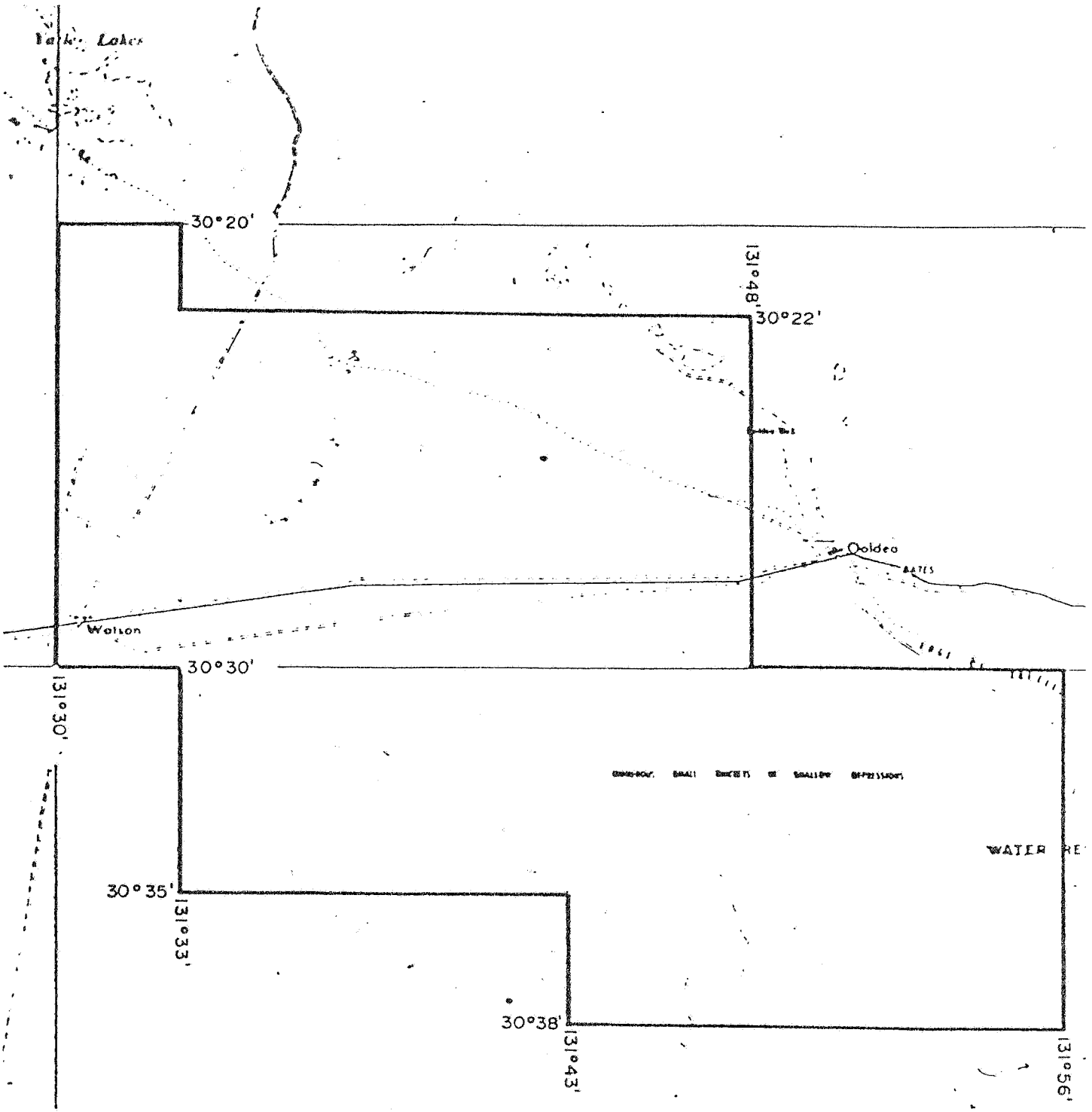
Salaries	$400
Airphotographs and Maps (Omitted from first report)	260
Total	$660

GRAHAM C. MILLER
Project Geologist

Adelaide
November 24, 1980

SCHEDULE A

0 07



SCALE 1:250,000

KILOMETRES 5 0 5 10 15 20 25 KILOMETRES

EXPLORATION LICENCE No. 616

AMOCO MINERALS AUSTRALIA COMPANY

EXPLORATION LICENCE 616

OOLDEA, SOUTH AUSTRALIA

REPORT FOR THIRD QUARTER ENDING JANUARY 16, 1981

No work was carried out in the quarter. Total expenditure on the Exploration Licence remains at $18368.30.

We are currently trying to obtain a rotary percussion drilling rig to test the magnetic/gravity anomaly at Latitude 30°27'20"S, Longitude 131°33'30" East.

Graham Miller

GRAHAM MILLER
Project Geologist - South Australia

12th February 1981

0 09

EXPLORATION LICENCE 616
OOLDEA, SOUTH AUSTRALIA

REPORT FOR FOURTH QUARTER TO APRIL 16th 1981

CHECK LIST

- o Denver
- ● Mines Department
- o Perth
- o Sydney
- o Field
- o Spare

0 10

EXPLORATION LICENCE 616

OOLDEA, SOUTH AUSTRALIA

REPORT FOR FOURTH QUARTER TO APRIL 16th, 1981.

JULY 1981.

TABLE OF CONTENTS

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Attachments:

KEY WORDS

0 12

Ooldea 1:250,000

Lower Proterozoic

Middle Proterozoic

Upper Proterozoic

Cambrian

Magnetics

Gravity

Karari Fault Zone

Copper

Gold

Silver

Lead-Zinc

Iron

AMOCO MINERALS AUSTRALIA COMPANY

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EXPLORATION LICENCE 616

OOLDEA, SOUTH AUSTRALIA

REPORT FOR FOURTH QUARTER, ENDING APRIL 16th, 1981.

1. INTRODUCTION.

Exploration Licence 616 covers 898 square kilometers straddling the Trans-Australian Railway line between Watson and Ooldea in the far West of South Australia. The expenditure commitment for the twelve months to April 16th, 1981 was $35,000; a six months extension of term with an additional commitment of $5,000 was subsequently granted.

The E.L. was acquired in order to assess the gold and base metal mineralization potential of inferred Proterozoic basement rocks, beneath flat lying Upper Proterozoic or Lower Cambrian to Tertiary sedimentary cover, in an apparent sub-province of the Gawler Craton in its western margin. The area appears separated from the Gawler Craton proper by a major break known as the Karari Fault Zone. Regional aeromagnetic and gravity trends in the area show an arcuate west to north west trend coming off the north north east trending Karari Fault Zone.

No work was carried out during the quarter except for a field trip to check on the logistics for planned percussion drilling scheduled for May 1981. This report represents a summary report for the first twelve months of tenancy of the Exploration Licence.

2. PREVIOUS EXPLORATION.

Prior to Amoco's involvement in the area, parts of what is now E.L. 616 were covered by a number of Exploration Licences held by Tertiary coal and uranium explorers. Many shallow rotary percussion holes were drilled but only one - PDH03 drilled by Chevron Exploration Corporation in 1973 - hit Precambrian basement, this was granite at 70 meters.

Government generated data includes the log of stratigraphic diamond drill hole Ooldea No.1. in about the centre of E.L. 616, and two reconnaissance magnetic-gravity traverses over the Karari Fault Zone aeromagnetic anomaly. Ooldea No.1. drilled in 1976 cut 287 meters of possible Proterozoic and younger sediments before terminating at 295.4 meters in pink medium grained adamellite gneiss which was age dated (RB-Sr isotope) at probably less than 1,750 million years old. A SADME interpretation of the Karari Fault Zone magnetic profiles indicates the anomaly source to have a width of 420 meters, be at a depth of 360 meters and be dipping at 65° to the south east. No interpretation of a 3 milligal bouguer gravity anomaly, adjacent to the magnetic anomaly on one of the traverses, has been attempted.

3. AMOCO'S EXPLORATION.

After studies of all available data, Amoco's programme consisted of an interpretation of the B.M.R. aeromagnetic data, ground location of five discrete aeromagnetic anomalies, ground magnetic and gravity surveying, - over the anomalies and along two regional traverses, plus geochemical analysis of soil samples collected at geophysical stations.

3.1. AEROMAGNETIC INTERPRETATION.

A.Dodds of Geoex Pty. Ltd., carried out this work, the results of which are contained on plan W2193 and appendix 1.

3.2. GROUND LOCATION OF AEROMAGNETIC ANOMALIES.

This work was carried out in April 1980. Selected aeromagnetic anomaly centres were located on the ground, reconnaissance magnetic traversing was carried out to get an idea of the anomalys' amplitude, shape and extent.

3.3. GROUND MAGNETIC AND GRAVITY SURVEYING.

Solo Geophysics and Co., carried out surveying of five discrete aeromagnetic anomalies, as well as completing two regional traverses, in June 1980. Solo's report, containing all relevant data and traverse profiles, is included in appendix 2. All traverses are shown on plan W2192.

An initial geophysical interpretation of Solo's data for aeromagnetic anomalies A,B and C indicate the sources to have the following parameters:

ANOMALY A.	Length	1000 meters
	Width	1000 meters
(3500 gammas,	Depth to top	550 meters
1.2 milligals)	Dip	65^0 to east
	Magnetic susceptibility:	0.1×10^{-6} c.g.s.
	Density contrast	$0.229 m/cm^3$
ANOMALY B.	Length	not calculated
	Width	750 meters
(1800 gammas,	Depth to top	250 meters
1.45 milligals)	Dip	70^o to south
	Magnetic susceptibility:	0.08×10^{-6} c.g.s.
	Density contrast	$0.29 m/cm^3$
ANOMALY C.	Length	1000 meters
	Width	10 meters
(9000 gammas,	Depth to top	50 meters
1.25 milligals)	Dip	65^o south
	Magnetic susceptibility:	0.337×10^{-6} c.g.s.
	Density contrast not calculated.	

No interpretation has been carried out on data from anomaly D (similar to C) or anomaly E and the regional traverses (no gravity anomalies).

3.4. SOIL GEOCHEMISTRY.

While carrying out the geophysical surveys, Solo collected soil samples for mercury analysis, plus copper, lead, zinc, nickel and cobalt analysis in the case of one inferred shallow source anomaly. Forty samples (at 400 meter spacings) were analysed for mercury alone and ten samples (at 100 meter spacings) analysed for all six metals. Results were negative.

4. EXPENDITURE.

Expenditure for the fourth quarter was as follows:

Salaries (geologist and assistant's field trip re: drilling logistics)	$900
Field Costs (air travel, vehicle running costs fuel, cookery, accomodation)	$1660
Administration/Overheads	$ 250
Total	$2810

As cumulative expenditure for the first three quarters was $18,370.00, total expenditure for the first year of tenancy of E.L. 616 is $21,180.00.

5. FUTURE WORK.

Planned future work includes the rotary percussion drilling of a number of the aeromagnetic anomalies. Anomaly B, the apparently closer to surface of the two circular anomalies (A and B) and the one with the greater gravity response, and anomaly C, will be drilled initially. The source for anomaly C is obviously some sort of highly magnetic linear body; it will be drilled to see if its gold or base metal bearing and/or an example of Broken Hill type banded iron formation.

Ground geophysical work, further to that carried out by SADME, will be carried out over the Karari Fault Zone aeromagnetic anomaly, and consideration given to drilling it.

Graham Miller

G.C. Miller
Senior Geologist - South Australia

APPENDIX I

INTERPRETATION OF

REGIONAL AIRBORNE MAGNETIC SURVEYS

OVER

1. OOLDEA AREA
2. MURLOOCOPPIE - COOBER PEDY AREA
3. GILES AREA
4. TARCOOLA - KINGOONYA AREA
5. CHILDARA AREA

FOR

AMOCO MINERALS AUSTRALIA COMPANY

PRELIMINARY REPORT

11th February, 1980.

PART 1

OOLDEA AREA

GEOLOGY:

Major features to the north-east of, and extending into, this area are the Karari fault zone and the Tallaringa trough, both of which strike roughly north-east. Basement is generally shallow on the south-east side of the Karari fault zone and may comprise granitic or metasedimentary complexes. The fault zone itself has a strong magnetic expression and is interpreted as a series of subparallel faults intruded by granites and dolerites. The magnetic source has been interpreted as being basic intrusives or a magnetic sheer zone within, but not at the surface of basement, at least in certain areas.

The Tallaringa trough is a region of deeper basement overlain by Cambrian and later sediments. Intrasedimentary volcanics, giving rise to shallow magnetic anomalies have been interpreted here. The north west boundary of the Tallaringa trough is another basement ridge before a gradual irregular deepening of basement into the Officer Basin.

In the area of this survey there is no outcrop. The only available information on subsurface geology comes from drillholes at Marralinga (30°10'S, 131°36'E) where bores have been drilled to 525 metres without encountering basement and Ooldea #1, (30°28'S, 131°37'E) where basement in the form of Adamellite Gneiss, was encountered at a depth of 287 metres.

It is interesting to note that attempts to match gravity results with variations in depth to basement have generally been unsuccessful in the general area to the north-east. Gravity highs have been interpreted as due to deep seated basic intrusions and other basement variations.

AIRBORNE MAGNETOMETER SURVEY INTERPRETATION

The basic data for this interpretation are contour maps at a scale of 1·63,360, showing total magnetic intensity and produced by South Australian Department of Minerals and Energy. The survey was flown by the Bureau of Mineral Resources in 1970 at an elevation of 150 metres above ground level and a nominal line spacing of 1.6 kilometres.

There is evidently a lot of compromise in these survey parameters, since such a pairing of elevation and line spacing provide quantitatively interpretable data only when the magnetic horizons are at least 1 kilometre below surface. Where anomalies come from shallower sources a lot of one line anomalies are bound to result, and line to line continuity of anomalies is usually speculative. Interpretation of such areas is limited to a qualitative indication of depth, and a division of the area into general provinces. Areas over which more detailed surveys would be of value can be delimited.

Limited time precludes a detailed analysis of this data. The aim of the interpretation is therefore, constrained to; a breakdown of the area into subareas; associating these subareas with regional features and rock types where possible; determining depth to basement figures wherever suitable magnetic features exist; and identifying areas where detailed surveys might be expected to yield significant additional information.

The subarea boundaries are shown on Plate 1. Area 1 is characterised by high amplitude anomalies of considerable extent.

Depth estimates in two locations, shown on Plate 1, give figures of 870 metres and over 2000 metres, and it is expected that the depth to basement is of the order of 850 metres or greater throughout this area. Some degree of confirmation of this estimate is provided by boreholes at Marralinga, the deepest of which terminates at 525 metres and all of which are in sediments for their entire length. Possible sources of such magnetic responses include banded iron formation, basic intrusives or volcanics.

Area 2 is intermediate in character between areas 1 and 3 showing moderate magnetic relief and probably rather shallower depths than area 1, although the anomalies do not permit confident estimates. It is bounded on the south-east side by a prominent linear feature which matched steeply dipping dyke models with a depth to top of 300 - 400 metres and a width of 1500 - 2000 metres. This feature lines up with the basement ridge to the north-east marking the north-west boundary of the Tallaringa trough, but is not expected only to reflect basement topography.

Area 3 has all the characteristics of an extension of the Tallaringa trough, both as regards position, variation and general magnetic character which is fairly flat with gentle gradients. One feature, the most prominent, gave a depth of 570 metres, but there is no guarantee that this is not a supra-basement feature and that the true basement is deeper. The area is bounded on the south-east by what is evidently an extension of the Karari fault zone, and on the south-west by a zone, area 4, of rather higher magnetic relief and gradients.

Depth estimates were not attempted in area 4 because of the lack of continuity of features and consequent unreliability

of the interpreted ratios, but a rough estimate would be at least 400 metres. To the west of area 4 a borehole, Ooldea 1, encountered basement at 287 metres, and a depth estimate between this zone and area 1 gave a figure of 700 metres. There is also a tendency in this area for anomalies to strike east, parallel to flight lines, which makes interpretation very difficult. Whilst it is expected that a detail survey over this area would assist the interpretation, it is possible that the depth to basement is too great to make this worthwhile.

Area 5, which is divided up by area 4, is very similar in magnetic character to area 3, the Tallaringa trough. The magnetic relief is low, gradients are gentle and there is a general lack of discrete magnetic features. However, whereas in the Tallaringa trough basement is expected to be relatively deep, the Ooldea 1 bore in area 5 shows that that is not the case for this zone, at least in part. It is possible that the magnetic character is determined by relatively non-magnetic rocks rather than a great depth to basement.

The adamellite observed in the drill hole is a relatively weak magnetic source, supporting this contention.

Areas 6 and 8 are similar in all respects to area 4, and the same comments apply.

Area 7 shows high magnetic relief with steep gradients, but very extensive smooth anomalies. This last characteristic is typical of greater depth of burial, further evidence for which is given by depth estimates to the two major features of between 1.1 and 1.9 kilometres. A high average magnetic susceptibility is evident here, indicative perhaps of basic intrusives.

Area 9 gives every indication of being an extension of the Karari fault zone. The depth to this feature appears to increase to the south-west from 70 metres to 160 metres and 240 metres. Although there is no evidence here to suggest that the magnetic source is not at basement surface, it is possible that such is the case on extrapolating from evidence to the north-east. No further comments of the possible source of the anomaly are warranted other than that banded iron formation is present in the general sequence, and would be expected to give elongate strong anomalies of this type.

Area 10 is similar in character to the shallow basement effects generally found to the south-east of the Karari fault. The anomalies, although not fully analysed, appear shallow and elongate, and stand out clearly from a relatively flat magnetic background. Thus, most of the area seems to be relatively weakly magnetic (?granitic) with discrete zones of stronger magnetism (intrusives possibly). Metasediments could give a similar pattern.

Detail surveys over areas 4, 6, 8 and 10 would be expected to yield considerably more information.

APPENDIX II

CLIENT: Amoco Minerals Australia Co.,

AREA: Gawler Block, S.A.

GRIDS: A,B,C,D,& E.

SURVEY: Gravity and Magnetics.

DATE: June, 1980.

A COMBINED GRAVITY AND MAGNETICS SURVEY

INCORPORATING GRIDDING OPTICAL LEVELLING AND SOIL SAMPLING

FOR: Amoco Minerals Australia Company.
201 Pacific Highway,
North Sydney, N.S.W.

The survey was conducted using two crews stationed at the Ooldea Railway Siding Quarters.

The survey was split in five seperate parts, areas A. B. C. D. and E. Each of these areas was given approximate grid co-ordinates in relation to the other grids.

Gravity magnetics and soil sampling was done at generally 100 metre stations with a dumpy peg and picket left every 200 metres. Star pickets indicate the origin of each grid and also the intersection of traverses on the base line.

All grids with 100m stations were optically levelled. Two regional N-S traverses were made reading gravity and magnetics at 500 metre stations and barometrically levelled. Recon traverse 35000E origin Railway line 40000N finishes at 50000N (10Kms) due to large closely spaced sand hills. Recon traverse 41100E origin track near railway line 39900N, ends at 22500N. This was mainly due to rain and bad weather during the day this line was completed.

This barometric traverse is coincident with a 4km line 4100E area "C" which was optically levelled. Optical levels were used to check barometer controls. Barometric differences were generally less than 50cms.

Most bench marks along the railway seem to have been destroyed during construction of the new line (replacing concrete sleepers).

Some difficulty was experienced locating grid origins marked by Amoco, due to pegs being knocked down and the use of non waterproof marking pens.

Areas A & B were tied with gravity to BM 4743 on the Maralinga Road. Both areas were also tied for elevation to the same point.

All work in areas C, D and E were tied back to a base station at Ooldea Siding.

Since the Ooldea gravity station seems to have been destroyed

an elevation and gravity value identical to that point has been assumed for the new base station (3).

The Mines Department can possibly rectify this situation at a later date if required.

GENERAL CONDITIONS IN THE SURVEY AREA:

Most of the survey was in flat open to slightly undulating country with sandhills on one Recon traverse 35000E.

Some bad weather was experienced during the course of the survey. Gale force winds occurred on several days mainly in the afternoon. For this reason optical levelling was completed early in the morning.

Traverses were established using a combination of hand compass, topofill cotton chain and specially calibrated odo-meters.

Barometric levelling was approximate A.H.D. and all loops closed to better than 2 metres on 500 m Recon lines.

INSTRUMENTATION SUPPLIED FOR SURVEY:

Two Lacoste and Romberg Temperature Compensated Gravity Meters G # 35 and G # 37.

Two Scintrex MP-2 Proton Magnetometers.

Four Microbarometers.

2 Automatic optical level 5 metre staff etc.

2 F.W.D. vehicles were used on the survey. A Nissan Traytop, and a Toyota Traytop and a heavy duty trailer was used to carry extra fuel and survey pegs.

Both vehicles fitted with specially calibrated odo-meters.

All equipment specified except G # 37 is either owned or maintained by Solo Geophysics.

Data processing completed on in house 9845-T Hewlett Packard Computer Facility.

SOLO GEOPHYSICS AND CO.

per

Graham L. Rau
MANAGER

AMOCO AUSTRALIA COMPANY
GAWLER BLOCK, OOLDEA S.AUST.

SCALE: 1:200,000

TN 353°

"A"

54200N

B/L 17500E

GRAV. BASE 6

SAND HILLS

"C"

B/L 35000E

40000N

RAILWAY LINE

39900 N

GRAV.BASE 7 "B"

BM.4743

41200N

B/L 21200E

GRAV.BASE 5

OOLDEA

GRAV.BASE 3

B/L
41100E
"C"

TRACK

TO OOLDEA

TRACK

6.6kms TO RAILWAY
BM (4640)

"E"

B/L 5570OE
GRAV.BASE 10

GRAV.BASE 4

B/L
LINE 476E
"D"

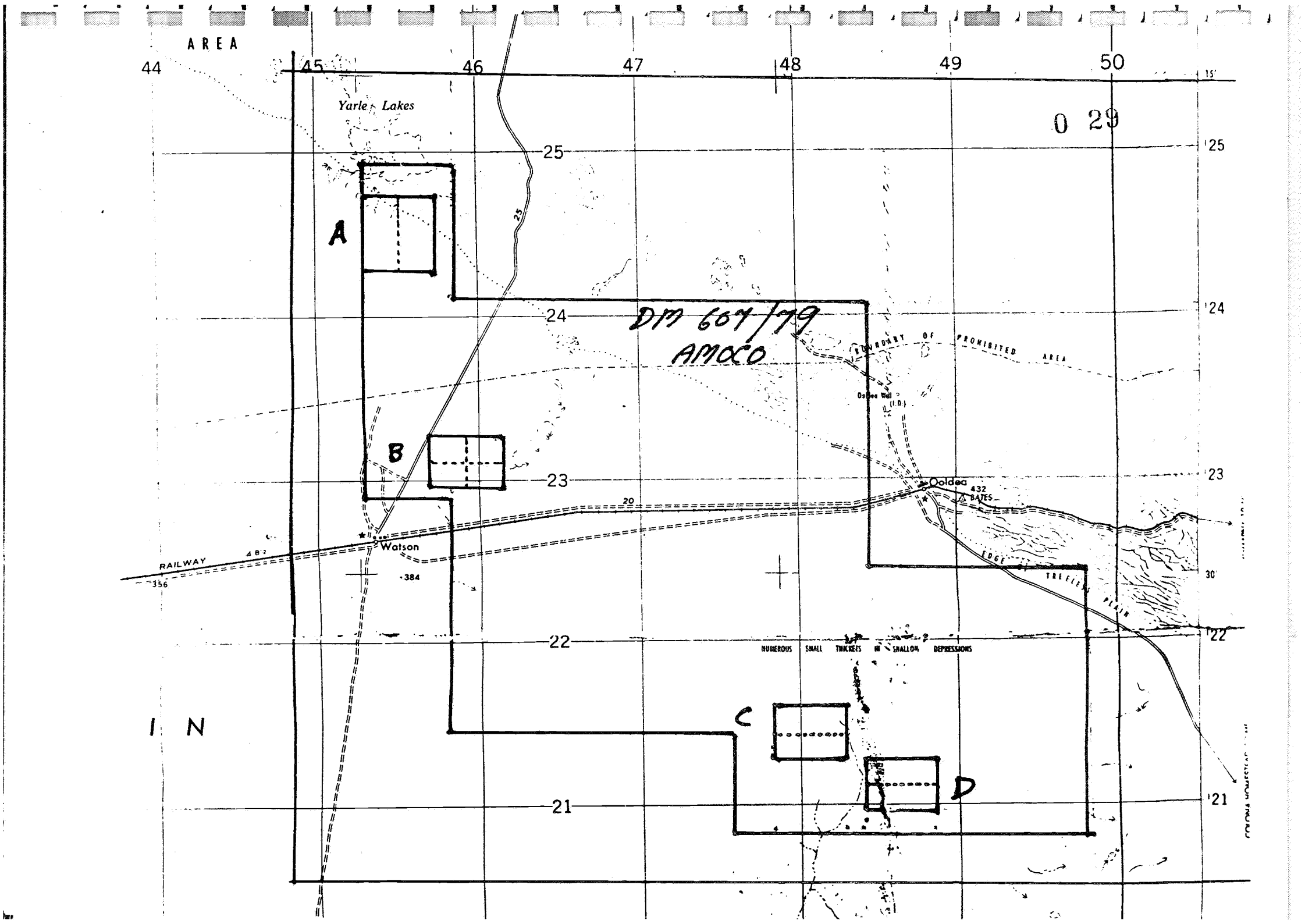
24400N.

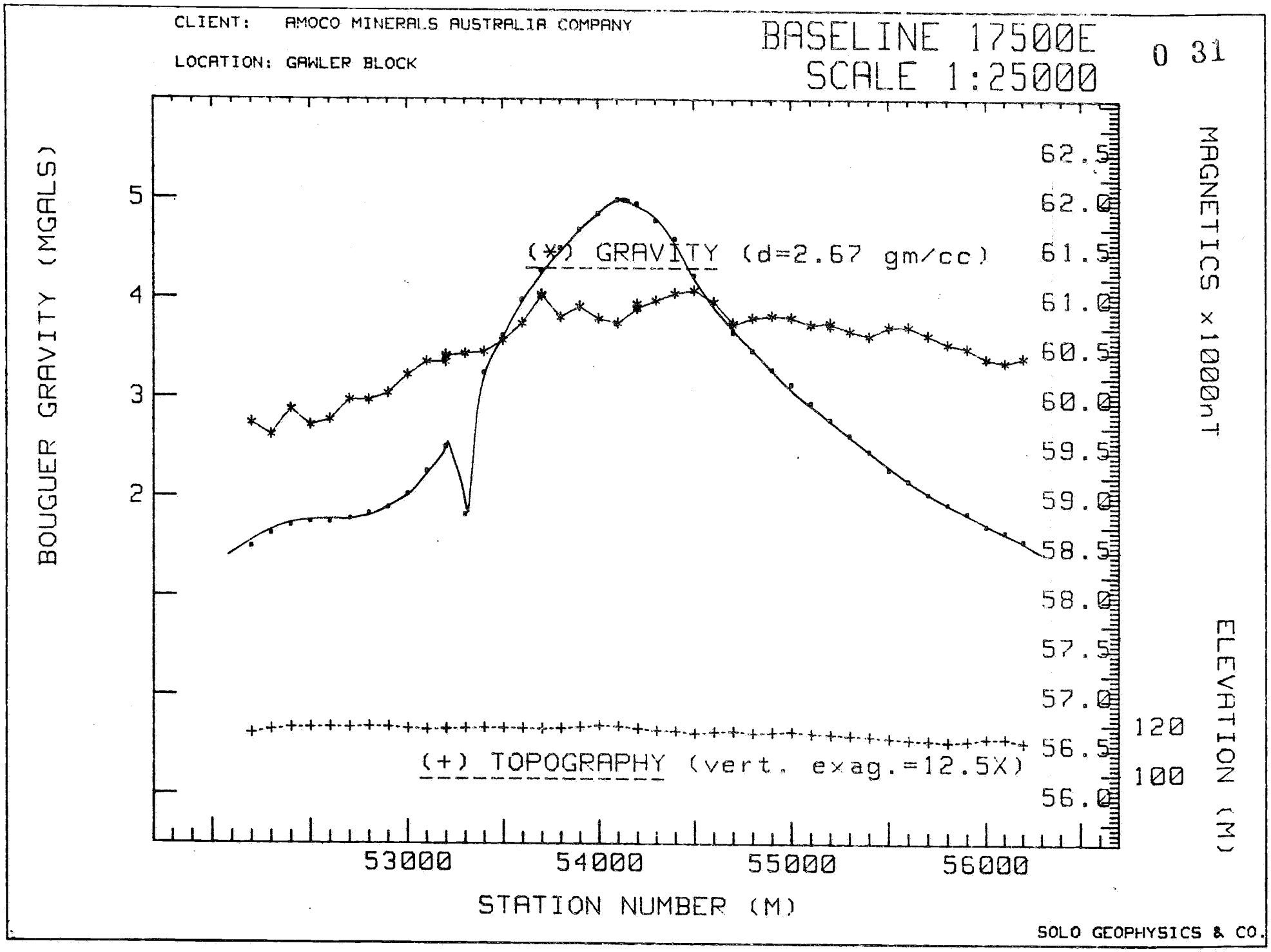
GRAV.BASE 2
26700N/40000E

26900N

22500N

SOLO GEOPHYSICS AND CO.

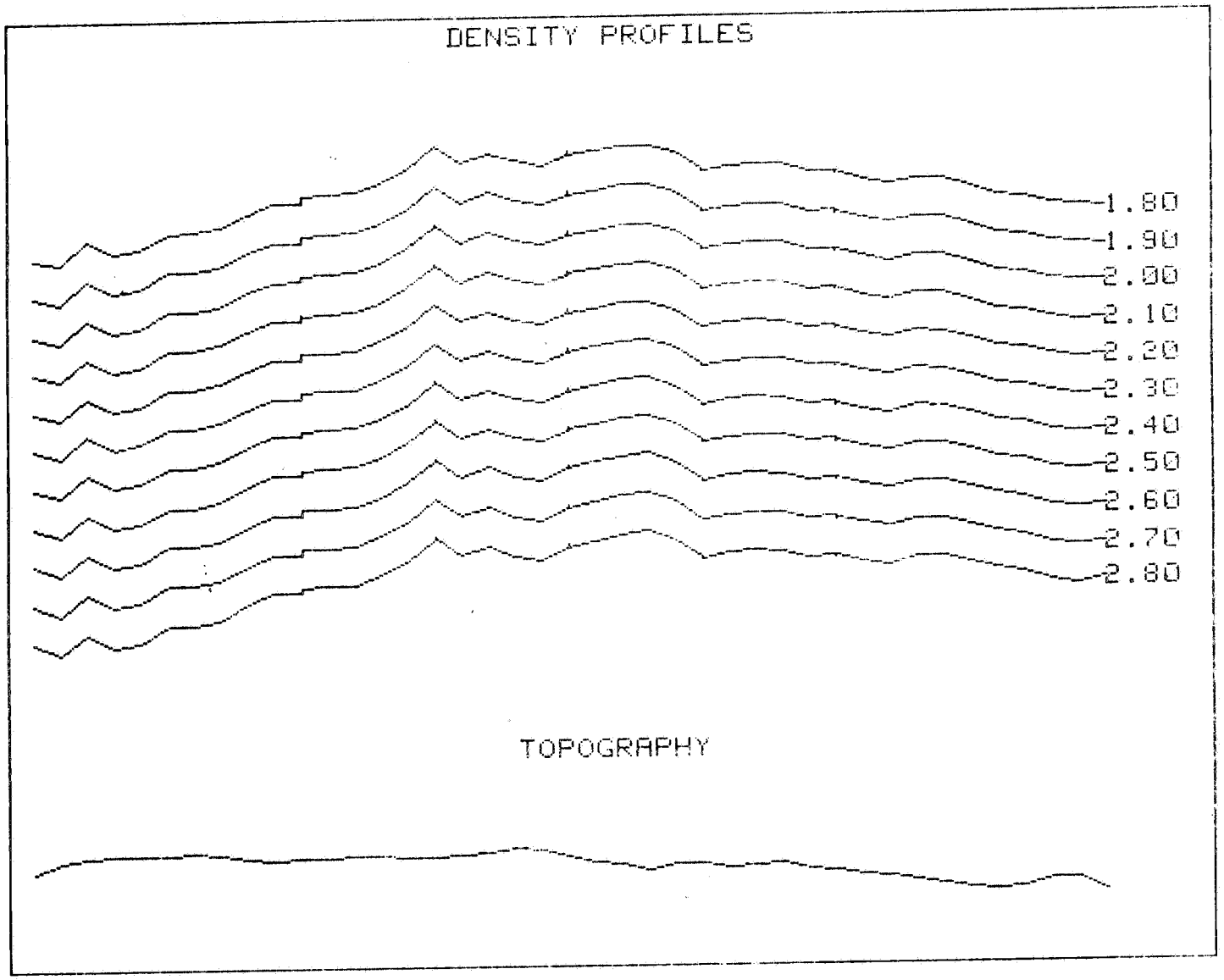

AREA
44
45
46
47
48
49
50
15'
Yarle Lakes
0 29
25
A
24
DM 667/79
AMOCO
BOUNDARY OF PROHIBITED AREA
Oldee Well (D)
B
23
Oldea
432
BATES
20
RAILWAY
48'2
Watson
384
356
EDGE
TREELESS PLAIN
30'
22
NUMEROUS SMALL THICKETS IN SHALLOW DEPRESSIONS
C
I N
D
21


CLIENT: AMOCO MINERALS AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
BASELINE 17500E
SCALE 1:25000
0 31
BOUGUER GRAVITY (MGALS)
5
4
3
2
(*) GRAVITY (d=2.67 gm/cc)
(+) TOPOGRAPHY (vert. exag.=12.5X)
MAGNETICS x1000nT
62.5
62.0
61.5
61.0
60.5
60.0
59.5
59.0
58.5
58.0
57.5
57.0
56.5
56.0
ELEVATION (M)
120
100
53000
54000
55000
56000
STATION NUMBER (M)
SOLO GEOPHYSICS & CO.

GRAVITY DENSITY ANALYSIS

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
BASELINE 17500

0 32



****
*** LINE B17500 ***
****

row #		STATION NUMBER	ELEVATION (meters)	BOUGUER GRAVITY ANOMALY (mgals)		Loop #
1		52200	115.51	2.74		23
2		52300	116.99	2.62		23
3		52400	117.68	2.88		23
4		52500	117.88	2.72		23
5		52600	118.01	2.77		23
6		52700	117.87	2.97		23
7		52800	118.24	2.97		23
8		52900	118.07	3.04		23
9		53000	117.38	3.23		23
10		53100	117.05	3.36		23
11		53200	117.32	3.36		23
12	RPT	53200	117.32	3.40	*	20
13	RPT	53200	117.32	3.42	*	20
14	RPT	53200	117.32	3.42	*	20
15		53300	117.49	3.44		23
16		53400	117.65	3.46		23
17		53500	117.55	3.57		23
18		53600	117.43	3.74		23
19		53700	117.31	4.02		23
20	RPT	53700	117.31	4.03	*	18
21	RPT	53700	117.31	4.03	*	23
22	RPT	53700	117.31	4.04	*	18
23		53800	117.56	3.81		23
24		53900	117.97	3.92		23
25		54000	118.58	3.79		23
26		54100	118.21	3.75		23
27		54200	117.40	3.89		21
28	RPT	54200	117.40	3.90	*	12
29	RPT	54200	117.40	3.91	*	30
30	RPT	54200	117.40	3.90	*	10
31	RPT	54200	117.40	3.94	*	30
32	RPT	54200	117.40	3.90	*	30
33		54300	116.56	3.97		21
34		54400	116.31	4.05		21
35		54500	115.43	4.08		21
36		54600	116.07	3.96		21
37		54700	116.26	3.75		25
38	RPT	54700	116.26	3.75	*	25
39	RPT	54700	116.22	3.73	*	21
40		54800	115.48	3.80		21
41		54900	115.87	3.82		21
42		55000	116.12	3.81		21
43		55100	115.23	3.73		21
44		55200	114.94	3.76		21
45	RPT	55200	114.94	3.72	*	27
46	RPT	55200	114.94	3.74	*	27
47		55300	114.52	3.67		21
48		55400	114.11	3.62		21
49		55500	113.43	3.71		21
50		55600	112.81	3.71		21
51		55700	112.45	3.63		21
52		55800	111.95	3.54		21
53		55900	112.34	3.50		21
54		56000	113.42	3.39		21
55		56100	113.40	3.36		21
56		56200	111.69	3.40		21

BOUGUER DENSITIES FOR p= 1.8 TO 2.8 gms/c.c. LINE 17500 0 34

ROW No.	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
1	6.95	6.47	5.99	5.50	5.02	4.53	4.05	3.57	3.08	2.60
2	6.89	6.40	5.91	5.42	4.93	4.44	3.95	3.46	2.97	2.48
3	7.17	6.68	6.19	5.69	5.20	4.71	4.21	3.72	3.23	2.73
4	7.02	6.52	6.03	5.54	5.04	4.55	4.05	3.56	3.07	2.57
5	7.08	6.58	6.09	5.59	5.10	4.60	4.11	3.61	3.12	2.63
6	7.27	6.78	6.28	5.79	5.30	4.80	4.31	3.81	3.32	2.83
7	7.28	6.79	6.29	5.80	5.30	4.80	4.31	3.81	3.32	2.82
8	7.34	6.85	6.35	5.86	5.37	4.87	4.38	3.88	3.39	2.89
9	7.51	7.01	6.52	6.03	5.54	5.05	4.55	4.06	3.57	3.08
10	7.63	7.13	6.64	6.15	5.66	5.17	4.68	4.19	3.70	3.21
11	7.63	7.14	6.65	6.16	5.67	5.17	4.68	4.19	3.70	3.21
12	7.68	7.19	6.70	6.21	5.72	5.22	4.73	4.24	3.75	3.26
13	7.70	7.21	6.72	6.23	5.73	5.24	4.75	4.26	3.77	3.28
14	7.70	7.21	6.71	6.22	5.73	5.24	4.75	4.25	3.76	3.27
15	7.72	7.23	6.74	6.25	5.75	5.26	4.77	4.28	3.78	3.29
16	7.75	7.25	6.76	6.27	5.77	5.28	4.79	4.30	3.80	3.31
17	7.86	7.36	6.87	6.38	5.89	5.39	4.90	4.41	3.92	3.42
18	8.03	7.53	7.04	6.55	6.06	5.56	5.07	4.58	4.09	3.60
19	8.30	7.81	7.32	6.82	6.33	5.84	5.35	4.86	4.37	3.87
20	8.30	7.81	7.32	6.83	6.34	5.85	5.35	4.86	4.37	3.88
21	8.31	7.82	7.33	6.83	6.34	5.85	5.36	4.87	4.38	3.88
22	8.31	7.82	7.33	6.84	6.35	5.85	5.36	4.87	4.38	3.89
23	8.09	7.60	7.11	6.61	6.12	5.63	5.14	4.64	4.15	3.66
24	8.22	7.72	7.23	6.73	6.24	5.74	5.25	4.76	4.26	3.77
25	8.12	7.62	7.12	6.62	6.13	5.63	5.13	4.64	4.14	3.64
26	8.06	7.56	7.07	6.57	6.08	5.58	5.09	4.59	4.09	3.60
27	8.17	7.68	7.19	6.69	6.20	5.71	5.22	4.73	4.23	3.74
28	8.18	7.69	7.20	6.70	6.21	5.72	5.23	4.74	4.24	3.75
29	8.19	7.69	7.20	6.71	6.22	5.73	5.23	4.74	4.25	3.76
30	8.18	7.69	7.20	6.70	6.21	5.72	5.23	4.74	4.24	3.75
31	8.22	7.73	7.24	6.75	6.26	5.76	5.27	4.78	4.29	3.79
32	8.18	7.69	7.19	6.70	6.21	5.72	5.23	4.73	4.24	3.75
33	8.22	7.74	7.25	6.76	6.27	5.78	5.29	4.80	4.32	3.83
34	8.29	7.80	7.31	6.83	6.34	5.85	5.36	4.88	4.39	3.90
35	8.29	7.81	7.32	6.84	6.36	5.87	5.39	4.90	4.42	3.94
36	8.20	7.71	7.22	6.74	6.25	5.76	5.28	4.79	4.30	3.82
37	7.99	7.50	7.01	6.53	6.04	5.55	5.06	4.58	4.09	3.60
38	7.99	7.50	7.01	6.52	6.04	5.55	5.06	4.58	4.09	3.60
39	7.97	7.48	6.99	6.50	6.02	5.53	5.04	4.56	4.07	3.58
40	8.01	7.53	7.04	6.56	6.08	5.59	5.11	4.62	4.14	3.66
41	8.05	7.56	7.08	6.59	6.10	5.62	5.13	4.65	4.16	3.68
42	8.04	7.55	7.07	6.58	6.09	5.61	5.12	4.63	4.15	3.66
43	7.93	7.45	6.97	6.49	6.00	5.52	5.04	4.55	4.07	3.59
44	7.95	7.47	6.98	6.50	6.02	5.54	5.06	4.58	4.09	3.61
45	7.91	7.43	6.95	6.46	5.98	5.50	5.02	4.54	4.06	3.57
46	7.93	7.45	6.97	6.49	6.01	5.53	5.04	4.56	4.08	3.60
47	7.85	7.37	6.89	6.41	5.93	5.45	4.97	4.49	4.01	3.53
48	7.78	7.30	6.82	6.35	5.87	5.39	4.91	4.43	3.95	3.48
49	7.85	7.37	6.90	6.42	5.95	5.47	5.00	4.52	4.05	3.57
50	7.83	7.35	6.88	6.41	5.94	5.46	4.99	4.52	4.05	3.57
51	7.73	7.26	6.79	6.32	5.85	5.37	4.90	4.43	3.96	3.49
52	7.62	7.15	6.68	6.21	5.75	5.28	4.81	4.34	3.87	3.40
53	7.59	7.12	6.65	6.18	5.71	5.24	4.77	4.30	3.83	3.36
54	7.53	7.05	6.58	6.10	5.63	5.15	4.68	4.20	3.73	3.25
55	7.49	7.02	6.54	6.07	5.59	5.11	4.64	4.16	3.69	3.21
56	7.48	7.01	6.54	6.07	5.60	5.14	4.67	4.20	3.73	3.26

****
*** LINE S17500 ***
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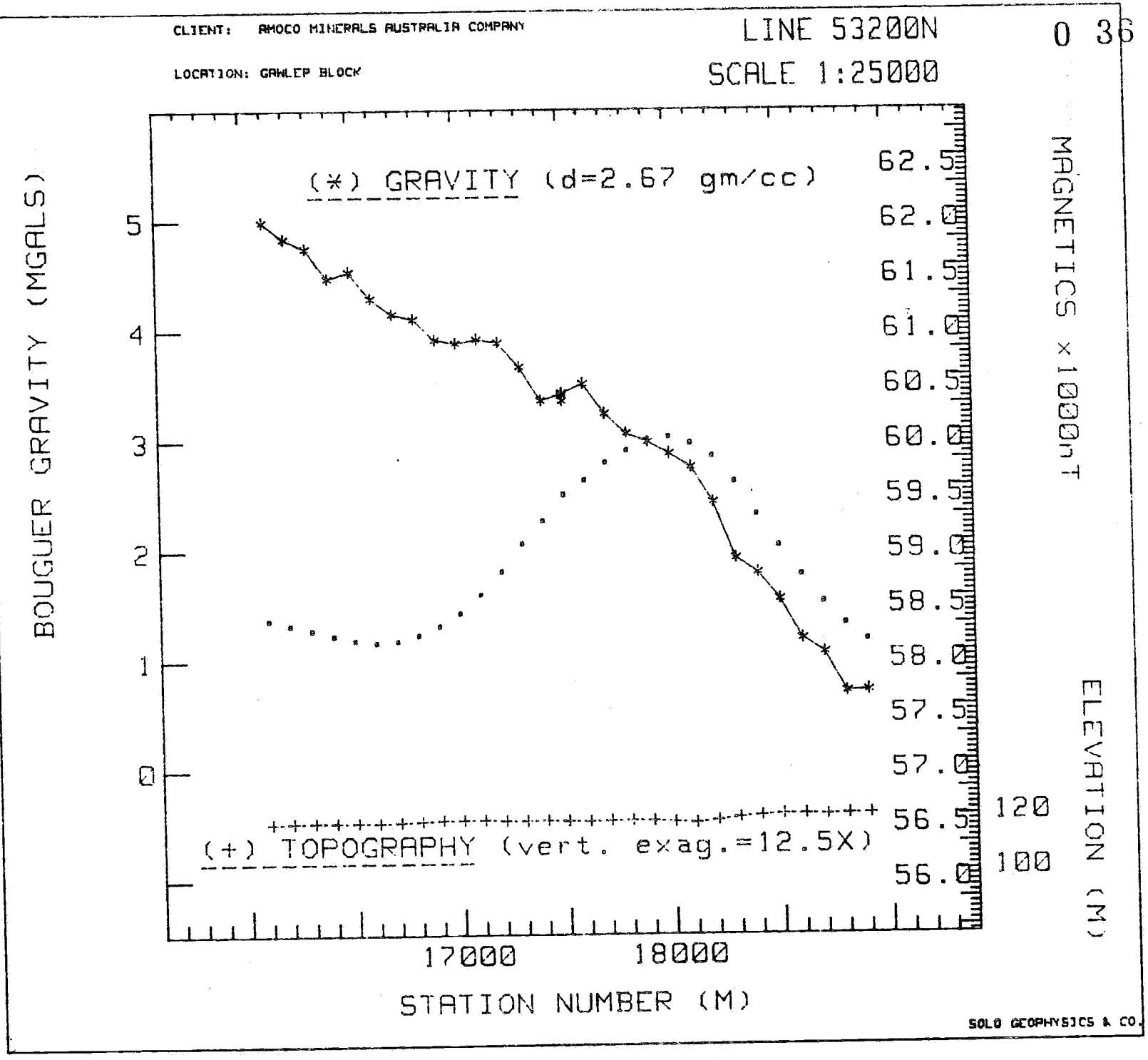
row #		STATION NUMBER	READING nTELSAS		Loop #
1		52200	58506		24
2		52300	58636		24
3		52400	58722		24
4		52500	58753		24
5		52600	58753		24
6		52700	58787		24
7		52800	58839		24
8		52900	58901		24
9		53000	59038		24
10		53100	59268		24
11		53200	59515		0
12	RPT	53200	59516	*	20
13	RPT	53200	59512	*	20
14	RPT	53200	59511	*	24
15		53300	58827		24
16		53400	60258		24
17		53500	60635		24
18		53600	60995		24
19		53700	61294		18
20	RPT	53700	61291	*	18
21	RPT	53700	61292	*	24
22		53800	61513		24
23		53900	61697		24
24		54000	61861		24
25		54100	61999		24
26		54200	61962		12
27	RPT	54200	61962	*	22
28		54300	61792		22
29		54400	61605		22
30		54500	61240		22
31		54600	60970		22
32		54700	60663		22
33	RPT	54700	60685	*	25
34		54800	60482		22
35		54900	60292		22
36		55000	60144		22
37		55100	59957		22
38		55200	59790		22
39		55300	59634		22
40		55400	59470		22
41		55500	59289		22
42		55600	59173		22
43		55700	59042		22
44		55800	58940		22
45		55900	58848		22
46		56000	58721		22
47		56100	58657		22
48		56200	58572		22

CLIENT: AMOCO MINERALS AUSTRALIA COMPANY

LOCATION: GAWLER BLOCK

LINE 53200N

SCALE 1:25000

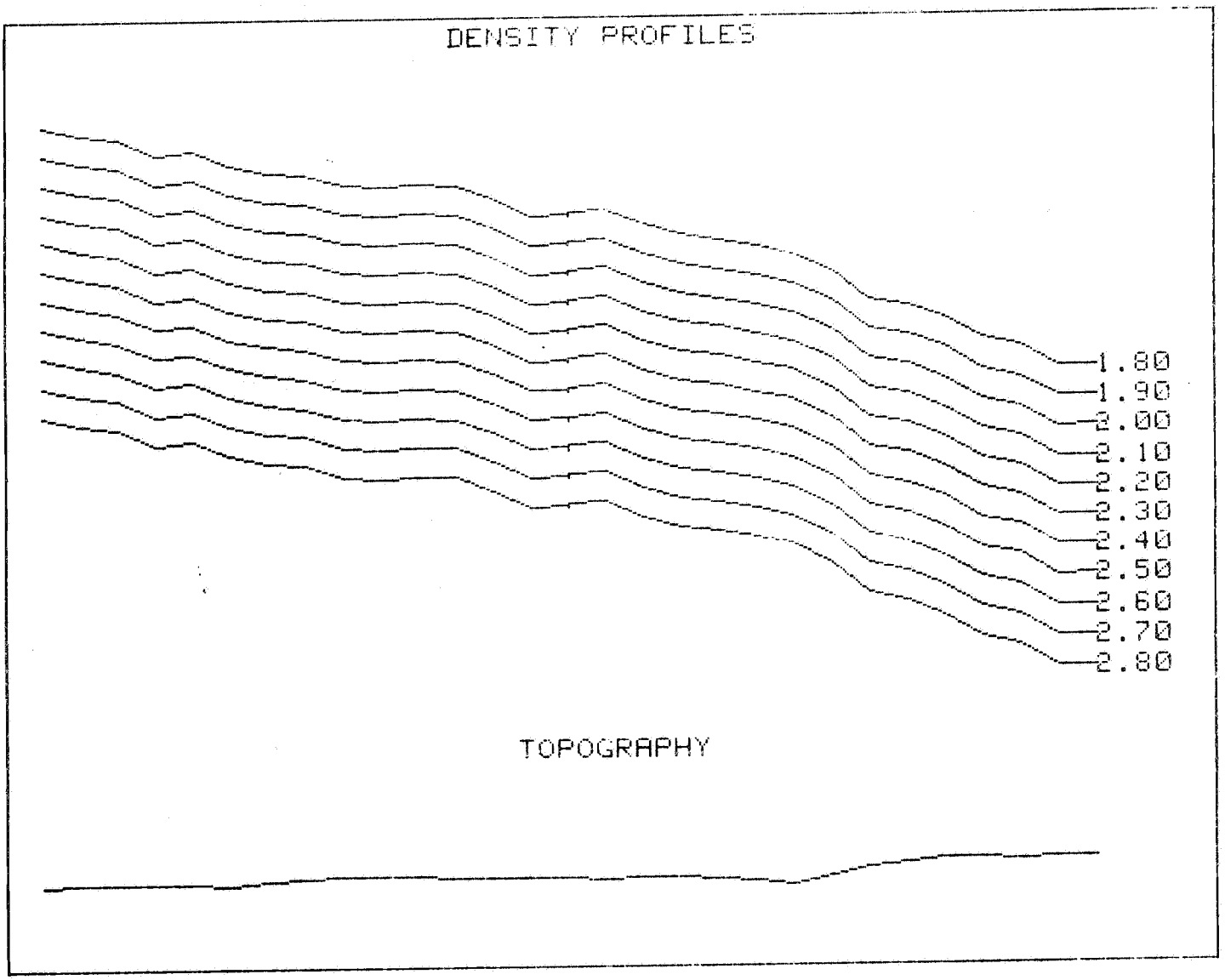


SOLO GEOPHYSICS & CO.

GRAVITY DENSITY ANALYSIS

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
LINE 53200

0 37



****
*** LINE L53200 ***
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row #		STATION NUMBER	ELEVATION (meters)	BOUGUER GRAVITY ANOMALY (mgals)		Loop #
1		16100	116.66	4.99		20
2		16200	116.95	4.84		20
3		16300	116.99	4.75		20
4		16400	116.95	4.48		20
5		16500	116.95	4.54		20
6		16600	116.78	4.29		20
7		16700	117.12	4.15		20
8		16800	117.37	4.10		20
9		16900	117.64	3.92		20
10		17000	117.80	3.88		20
11		17100	117.77	3.92		20
12		17200	117.41	3.89		20
13		17300	117.42	3.67		20
14		17400	117.51	3.36		20
15		17500	117.32	3.42		20
16	RPT	17500	117.32	3.36	*	23
17	RPT	17500	117.32	3.40	*	20
18	RPT	17500	117.32	3.42	*	20
19		17600	117.13	3.51		20
20		17700	117.38	3.24		20
21		17800	117.41	3.06		20
22		17900	117.23	2.98		20
23		18000	116.84	2.87		20
24		18100	116.52	2.75		20
25		18200	117.34	2.43		20
26		18300	118.40	1.92		20
27		18400	119.05	1.79		20
28		18500	119.52	1.55		20
29		18600	119.44	1.19		20
30		18700	119.21	1.06		20
31		18800	119.50	.70		20
32		18900	119.54	.71		20

BOUGUER DENSITIES FOR p= 1.8 TO 2.8 gms/c.c. LINE 53200

0.39

ROW No.	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
1	9.24	8.75	8.26	7.78	7.29	6.80	6.31	5.82	5.33	4.84
2	9.10	8.61	8.12	7.63	7.14	6.65	6.16	5.67	5.18	4.69
3	9.01	8.52	8.03	7.54	7.05	6.56	6.07	5.58	5.09	4.60
4	8.74	8.25	7.76	7.27	6.78	6.29	5.80	5.31	4.82	4.33
5	8.80	8.31	7.82	7.33	6.84	6.35	5.86	5.37	4.88	4.39
6	8.55	8.06	7.57	7.08	6.59	6.11	5.62	5.13	4.64	4.15
7	8.42	7.93	7.44	6.95	6.46	5.97	5.48	4.98	4.49	4.00
8	8.38	7.89	7.40	6.91	6.42	5.92	5.43	4.94	4.45	3.96
9	8.20	7.71	7.22	6.73	6.23	5.74	5.25	4.75	4.26	3.77
10	8.18	7.68	7.19	6.70	6.20	5.71	5.22	4.72	4.23	3.73
11	8.21	7.72	7.22	6.73	6.24	5.74	5.25	4.76	4.26	3.77
12	8.17	7.67	7.18	6.69	6.20	5.71	5.21	4.72	4.23	3.74
13	7.95	7.46	6.96	6.47	5.98	5.49	5.00	4.50	4.01	3.52
14	7.64	7.15	6.66	6.17	5.67	5.18	4.69	4.20	3.70	3.21
15	7.70	7.21	6.71	6.22	5.73	5.24	4.75	4.25	3.76	3.27
16	7.63	7.14	6.65	6.16	5.67	5.17	4.68	4.19	3.70	3.21
17	7.68	7.19	6.70	6.21	5.72	5.22	4.73	4.24	3.75	3.26
18	7.70	7.21	6.72	6.23	5.73	5.24	4.75	4.26	3.77	3.28
19	7.78	7.29	6.80	6.31	5.82	5.33	4.83	4.34	3.85	3.36
20	7.52	7.02	6.53	6.04	5.55	5.06	4.57	4.07	3.58	3.09
21	7.34	6.85	6.35	5.86	5.37	4.88	4.38	3.89	3.40	2.91
22	7.25	6.76	6.27	5.78	5.29	4.80	4.31	3.82	3.32	2.83
23	7.13	6.64	6.15	5.67	5.18	4.69	4.20	3.71	3.22	2.73
24	7.00	6.51	6.02	5.53	5.05	4.56	4.07	3.58	3.09	2.60
25	6.71	6.22	5.73	5.23	4.74	4.25	3.76	3.27	2.78	2.28
26	6.24	5.74	5.25	4.75	4.25	3.76	3.26	2.76	2.27	1.77
27	6.13	5.63	5.13	4.63	4.13	3.63	3.14	2.64	2.14	1.64
28	5.91	5.40	4.90	4.40	3.90	3.40	2.90	2.40	1.90	1.40
29	5.54	5.04	4.54	4.04	3.54	3.04	2.54	2.04	1.54	1.04
30	5.41	4.91	4.41	3.91	3.41	2.91	2.41	1.91	1.41	.91
31	5.06	4.56	4.06	3.56	3.06	2.55	2.05	1.55	1.05	.55
32	5.07	4.57	4.07	3.57	3.07	2.56	2.06	1.56	1.06	.56

****
*** LINE M53200 ***
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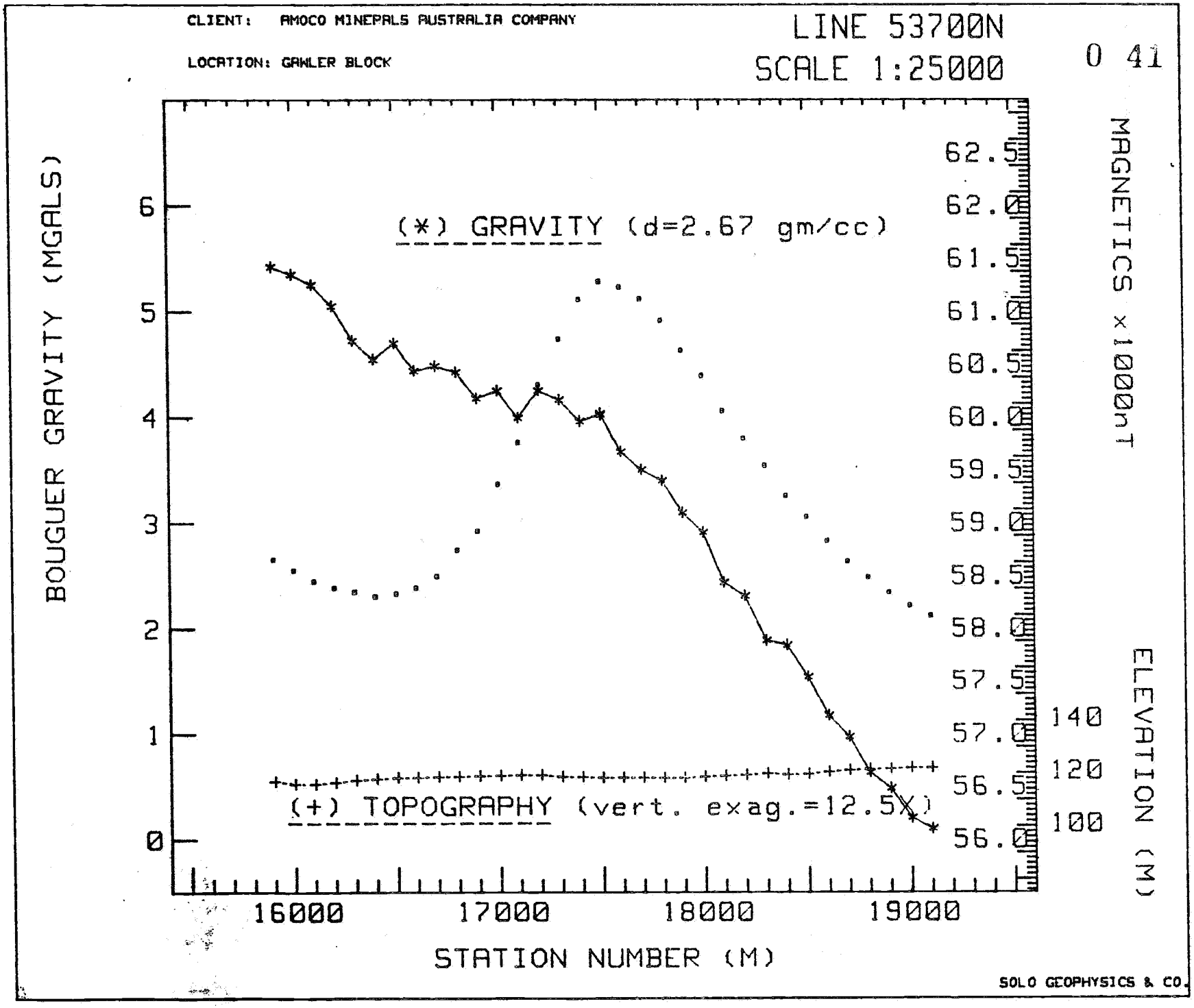
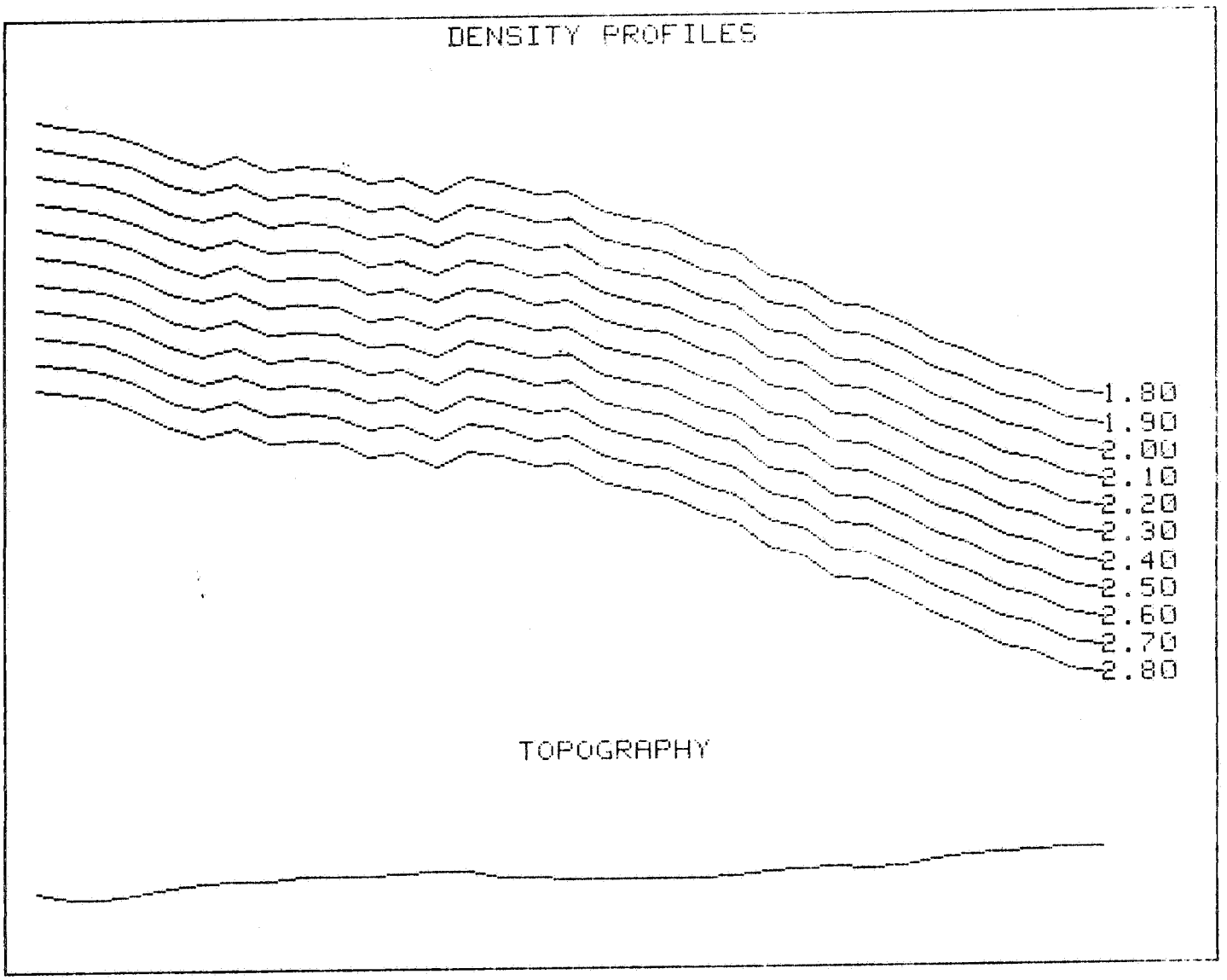
row #		STATION NUMBER	READING nTELSAS		Loop #
1		16100	58381		20
2		16200	58334		20
3		16300	58289		20
4		16400	58238		20
5		16500	58196		20
6		16600	58173		20
7		16700	58189		20
8		16800	58241		20
9		16900	58324		20
10		17000	58441		20
11		17100	58608		20
12		17200	58819		20
13		17300	59068		20
14		17400	59277		20
15		17500	59512		20
16	RPT	17500	59515	*	20
17	RPT	17500	59511	*	24
18	RPT	17500	59516	*	20
19		17600	59644		20
20		17700	59803		20
21		17800	59914		20
22		17900	60012		20
23		18000	60037		20
24		18100	59978		20
25		18200	59860		20
26		18300	59627		20
27		18400	59329		20
28		18500	59046		20
29		18600	58779		20
30		18700	58531		20
31		18800	58335		20
32		18900	58186		20


CLIENT: AMOCO MINERALS AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
LINE 53700N
SCALE 1:25000
0 41
(*) GRAVITY (d=2.67 gm/cc)
(+) TOPOGRAPHY (vert. exag.=12.5X)
BOUGUER GRAVITY (MGALS)
MAGNETICS x1000nT
ELEVATION (M)
STATION NUMBER (M)
16000
17000
18000
19000
SOLO GEOPHYSICS & CO.

GRAVITY DENSITY ANALYSIS

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
LINE 53700

0 42



****
*** LINE L53700 ***
****

row #		STATION NUMBER	ELEVATION (meters)	BOUGUER GRAVITY ANOMALY (mgals)		Loop #
1		15900	115.97	5.42		18
2		16000	114.97	5.35		18
3		16100	115.07	5.25		18
4		16200	115.64	5.05		18
5		16300	116.49	4.73		18
6		16400	116.91	4.55		18
7		16500	117.28	4.70		18
8		16600	117.43	4.44		18
9		16700	117.77	4.48		18
10		16800	117.81	4.43		18
11		16900	117.99	4.18		18
12		17000	118.10	4.25		18
13		17100	118.40	3.99		18
14		17200	118.33	4.25		18
15		17300	117.58	4.17		18
16		17400	117.46	3.96		18
17		17500	117.31	4.03		18
18	RPT	17500	117.31	4.03	*	23
19	RPT	17500	117.31	4.02	*	23
20	RPT	17500	117.31	4.04	*	18
21		17600	117.36	3.67		18
22		17700	117.29	3.50		18
23		17800	117.18	3.40		18
24		17900	117.23	3.10		18
25		18000	117.71	2.91		18
26		18100	118.07	2.44		18
27		18200	118.36	2.31		18
28		18300	118.86	1.88		18
29		18400	118.41	1.84		18
30		18500	118.67	1.54		18
31		18600	119.48	1.17		18
32		18700	120.05	.97		18
33		18800	120.43	.63		18
34		18900	120.68	.48		18
35		19000	121.01	.20		18
36		19100	121.01	.10		18
37	RPT	19100	121.01	.10	*	18

BOUGUER DENSITIES FOR ρ= 1.8 TO 2.8 gm/... LINE 53+00 44

ROW No.	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
1	9.65	9.17	8.68	8.19	7.71	7.22	6.74	6.25	5.76	5.28
2	9.54	9.06	8.58	8.10	7.62	7.13	6.65	6.17	5.69	5.21
3	9.45	8.97	8.49	8.00	7.52	7.04	6.56	6.07	5.59	5.11
4	9.27	8.78	8.30	7.81	7.33	6.84	6.36	5.88	5.39	4.91
5	8.97	8.49	8.00	7.51	7.02	6.53	6.04	5.56	5.07	4.58
6	8.81	8.32	7.83	7.34	6.85	6.36	5.87	5.38	4.89	4.40
7	8.98	8.49	7.99	7.50	7.01	6.52	6.03	5.54	5.05	4.55
8	8.72	8.23	7.73	7.24	6.75	6.26	5.77	5.27	4.78	4.29
9	8.78	8.28	7.79	7.30	6.80	6.31	5.81	5.32	4.83	4.33
10	8.72	8.23	7.73	7.24	6.75	6.25	5.76	5.27	4.77	4.28
11	8.48	7.99	7.49	7.00	6.50	6.01	5.51	5.02	4.52	4.03
12	8.56	8.06	7.57	7.07	6.58	6.08	5.59	5.09	4.60	4.10
13	8.31	7.82	7.32	6.82	6.33	5.83	5.33	4.84	4.34	3.85
14	8.57	8.07	7.57	7.08	6.58	6.09	5.59	5.09	4.60	4.10
15	8.45	7.96	7.47	6.97	6.48	5.99	5.50	5.00	4.51	4.02
16	8.25	7.75	7.26	6.77	6.28	5.78	5.29	4.80	4.31	3.82
17	8.30	7.81	7.32	6.83	6.34	5.85	5.35	4.86	4.37	3.88
18	8.31	7.82	7.33	6.83	6.34	5.85	5.36	4.87	4.38	3.88
19	8.30	7.81	7.32	6.82	6.33	5.84	5.35	4.86	4.37	3.87
20	8.31	7.82	7.33	6.84	6.35	5.85	5.36	4.87	4.38	3.89
21	7.95	7.46	6.97	6.48	5.98	5.49	5.00	4.51	4.02	3.52
22	7.78	7.29	6.80	6.30	5.81	5.32	4.83	4.34	3.85	3.36
23	7.67	7.18	6.69	6.20	5.71	5.22	4.72	4.23	3.74	3.25
24	7.37	6.88	6.39	5.90	5.41	4.91	4.42	3.93	3.44	2.95
25	7.20	6.71	6.21	5.72	5.23	4.73	4.24	3.75	3.25	2.76
26	8.74	6.25	5.75	5.26	4.76	4.27	3.77	3.28	2.78	2.29
27	6.62	6.13	5.63	5.13	4.64	4.14	3.65	3.15	2.65	2.16
28	6.22	5.72	5.22	4.72	4.23	3.73	3.23	2.73	2.23	1.73
29	6.16	5.66	5.16	4.67	4.17	3.68	3.18	2.68	2.19	1.69
30	5.86	5.37	4.87	4.37	3.87	3.38	2.88	2.38	1.88	1.39
31	5.53	5.03	4.53	4.03	3.53	3.03	2.53	2.02	1.52	1.02
32	5.35	4.85	4.34	3.84	3.34	2.83	2.33	1.83	1.33	.82
33	5.02	4.52	4.01	3.51	3.00	2.50	1.99	1.49	.98	.48
34	4.88	4.38	3.87	3.37	2.86	2.35	1.85	1.34	.84	.33
35	4.62	4.11	3.60	3.09	2.59	2.08	1.57	1.07	.56	.05
36	4.51	4.00	3.50	2.99	2.48	1.98	1.47	.96	.45	-.05
37	4.51	4.00	3.50	2.99	2.48	1.98	1.47	.96	.45	-.05

****
*** LINE M53700 ***
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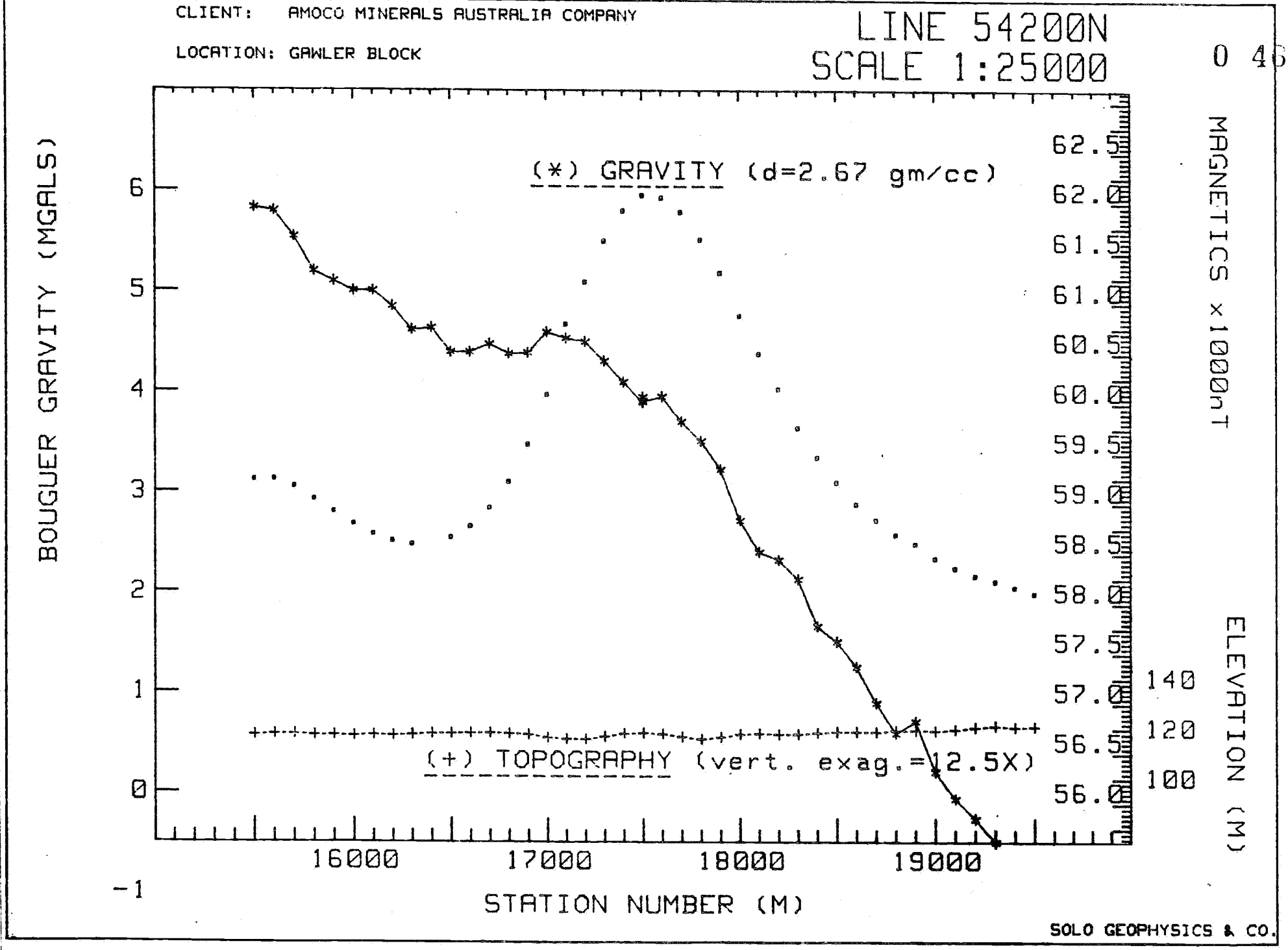
row #		STATION NUMBER	READING nTELSAS		Loop #
1		15900	58666		18
2		16000	58561		18
3		16100	58458		18
4		16200	58397		18
5		16300	58358		18
6	RPT	16300	58358	*	18
7		16400	58315		18
8		16500	58341		18
9		16600	58397		18
10		16700	58506		18
11		16800	58752		18
12		16900	58933		18
13		17000	59375		18
14		17100	59770		18
15		17200	60318		18
16		17300	60749		18
17		17400	61125		18
18		17500	61291		18
19	RPT	17500	61294	*	18
20	RPT	17500	61292	*	24
21		17600	61241		18
22		17700	61129		18
23		17800	60925		18
24		17900	60641		18
25		18000	60402		18
26		18100	60069		18
27		18200	59808		18
28		18300	59550		18
29		18400	59263		18
30		18500	59064		18
31		18600	58838		18
32		18700	58641		18
33		18800	58493		18
34		18900	58349		18
35		19000	58223		18
36		19100	58126		18

CLIENT: AMOCO MINERALS AUSTRALIA COMPANY

LOCATION: GAWLER BLOCK

LINE 54200N
SCALE 1:25000

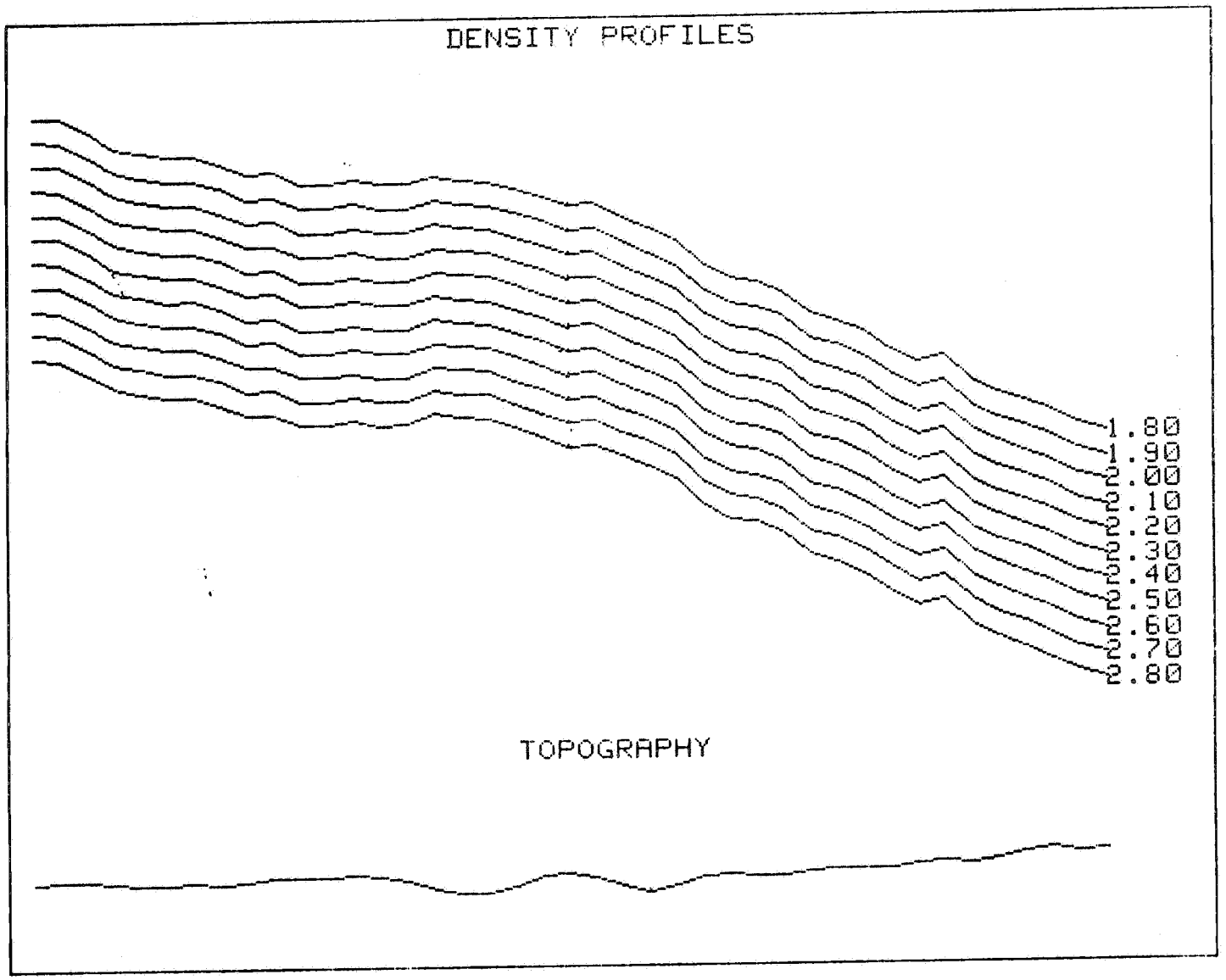


SOLO GEOPHYSICS & CO.

GRAVITY DENSITY ANALYSIS

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
LINE 54200

0 47



LINE L54200

row #		STATION NUMBER	ELEVATION (meters)	BOUGUER GRAVITY ANOMALY (mgals)		Loop #
1		15500	116.59	5.82		12
2		15600	117.01	5.79		12
3		15700	117.03	5.53		12
4		15800	116.57	5.19		12
5		15900	116.38	5.09		12
6		16000	116.32	5.00		12
7		16100	116.69	5.00		12
8		16200	116.49	4.84		12
9		16300	116.78	4.61		12
10		16400	117.20	4.63		12
11		16500	117.19	4.39		12
12		16600	117.29	4.39		12
13		16700	117.42	4.47		12
14		16800	117.11	4.37		12
15		16900	116.77	4.38		12
16		17000	115.48	4.59		12
17		17100	115.01	4.53		12
18		17200	114.83	4.49		12
19		17300	115.88	4.30		12
20		17400	117.15	4.09		12
21		17500	117.40	3.89		21
22	RPT	17500	117.40	3.90	*	30
23	RPT	17500	117.40	3.94	*	30
24	RPT	17500	117.40	3.91	*	30
25	RPT.	17500	117.40	3.90	*	12
26	RPT.	17500	117.40	3.90	*	10
27		17600	117.01	3.95		10
28		17700	115.81	3.70		10
29		17800	114.84	3.50		10
30		17900	115.69	3.22		10
31		18000	116.88	2.71		10
32		18100	117.22	2.40		10
33		18200	116.88	2.32		10
34		18300	116.98	2.13		10
35		18400	117.56	1.65		10
36		18500	117.90	1.50		10
37		18600	117.91	1.25		10
38		18700	117.80	.89		10
39		18800	118.44	.58		10
40		18900	118.65	.71		10
41		19000	118.43	.20		10
42		19100	118.83	-.07		10
43		19200	119.84	-.27		10
44		19300	120.38	-.50		10
45		19400	119.88	-.76		10
46		19500	120.14	-.92		10

BOUGUER DENSITIES FOR p= 1.8 TO 2.8 gms/c.c. LINE 54200

0 49

ROW No.	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
1	10.07	9.59	9.10	8.61	8.12	7.63	7.14	6.65	6.16	5.68
2	10.06	9.57	9.08	8.59	8.10	7.61	7.11	6.62	6.13	5.64
3	9.80	9.31	8.82	8.33	7.84	7.35	6.86	6.37	5.88	5.39
4	9.44	8.95	8.47	7.98	7.49	7.00	6.51	6.02	5.53	5.05
5	9.34	8.85	8.36	7.87	7.39	6.90	6.41	5.92	5.43	4.95
6	9.24	8.75	8.26	7.78	7.29	6.80	6.31	5.83	5.34	4.85
7	9.25	8.76	8.27	7.79	7.30	6.81	6.32	5.83	5.34	4.85
8	9.09	8.60	8.12	7.63	7.14	6.65	6.16	5.67	5.19	4.70
9	8.87	8.38	7.89	7.40	6.91	6.42	5.93	5.44	4.95	4.46
10	8.90	8.41	7.92	7.43	6.94	6.45	5.96	5.46	4.97	4.48
11	8.66	8.17	7.68	7.19	6.70	6.20	5.71	5.22	4.73	4.24
12	8.66	8.17	7.68	7.19	6.70	6.21	5.71	5.22	4.73	4.24
13	8.75	8.26	7.77	7.27	6.78	6.29	5.80	5.30	4.81	4.32
14	8.64	8.15	7.66	7.17	6.68	6.19	5.70	5.21	4.72	4.23
15	8.64	8.15	7.66	7.17	6.68	6.19	5.70	5.21	4.72	4.23
16	8.80	8.31	7.83	7.35	6.86	6.38	5.89	5.41	4.93	4.44
17	8.72	8.24	7.76	7.27	6.79	6.31	5.83	5.35	4.86	4.38
18	8.68	8.20	7.72	7.23	6.75	6.27	5.79	5.31	4.83	4.35
19	8.53	8.04	7.55	7.07	6.58	6.10	5.61	5.13	4.64	4.15
20	8.36	7.87	7.38	6.89	6.40	5.91	5.42	4.93	4.43	3.94
21	8.17	7.68	7.19	6.69	6.20	5.71	5.22	4.73	4.23	3.74
22	8.18	7.69	7.19	6.70	6.21	5.72	5.23	4.73	4.24	3.75
23	8.22	7.73	7.24	6.75	6.26	5.76	5.27	4.78	4.29	3.79
24	8.19	7.69	7.20	6.71	6.22	5.73	5.23	4.74	4.25	3.76
25	8.18	7.69	7.20	6.70	6.21	5.72	5.23	4.74	4.24	3.75
26	8.18	7.69	7.20	6.70	6.21	5.72	5.23	4.74	4.24	3.75
27	8.21	7.72	7.23	6.74	6.25	5.76	5.27	4.78	4.29	3.80
28	7.92	7.44	6.95	6.46	5.98	5.49	5.01	4.52	4.04	3.55
29	7.69	7.21	6.73	6.25	5.77	5.29	4.80	4.32	3.84	3.36
30	7.44	6.95	6.47	5.98	5.50	5.01	4.53	4.04	3.56	3.07
31	6.97	6.48	5.99	5.50	5.01	4.52	4.03	3.54	3.05	2.56
32	6.67	6.18	5.69	5.20	4.71	4.22	3.72	3.23	2.74	2.25
33	6.58	6.09	5.60	5.11	4.62	4.13	3.64	3.15	2.66	2.17
34	6.39	5.90	5.41	4.92	4.43	3.94	3.45	2.96	2.47	1.98
35	5.94	5.45	4.95	4.46	3.97	3.48	2.98	2.49	2.00	1.51
36	5.80	5.30	4.81	4.31	3.82	3.33	2.83	2.34	1.84	1.35
37	5.55	5.05	4.56	4.06	3.57	3.08	2.58	2.09	1.59	1.10
38	5.18	4.69	4.20	3.70	3.21	2.72	2.22	1.73	1.23	.74
39	4.90	4.41	3.91	3.41	2.92	2.42	1.92	1.43	.93	.43
40	5.03	4.54	4.04	3.54	3.04	2.55	2.05	1.55	1.05	.56
41	4.52	4.02	3.53	3.03	2.53	2.04	1.54	1.04	.55	.05
42	4.27	3.77	3.27	2.77	2.27	1.77	1.28	.78	.28	-.22
43	4.10	3.60	3.10	2.59	2.09	1.59	1.09	.59	.08	-.42
44	3.89	3.39	2.88	2.38	1.87	1.37	.86	.36	-.15	-.65
45	3.62	3.11	2.61	2.11	1.61	1.10	.60	.10	-.40	-.91
46	3.46	2.96	2.46	1.95	1.45	.95	.44	-.06	-.56	-1.07

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*** LINE M54200 ***
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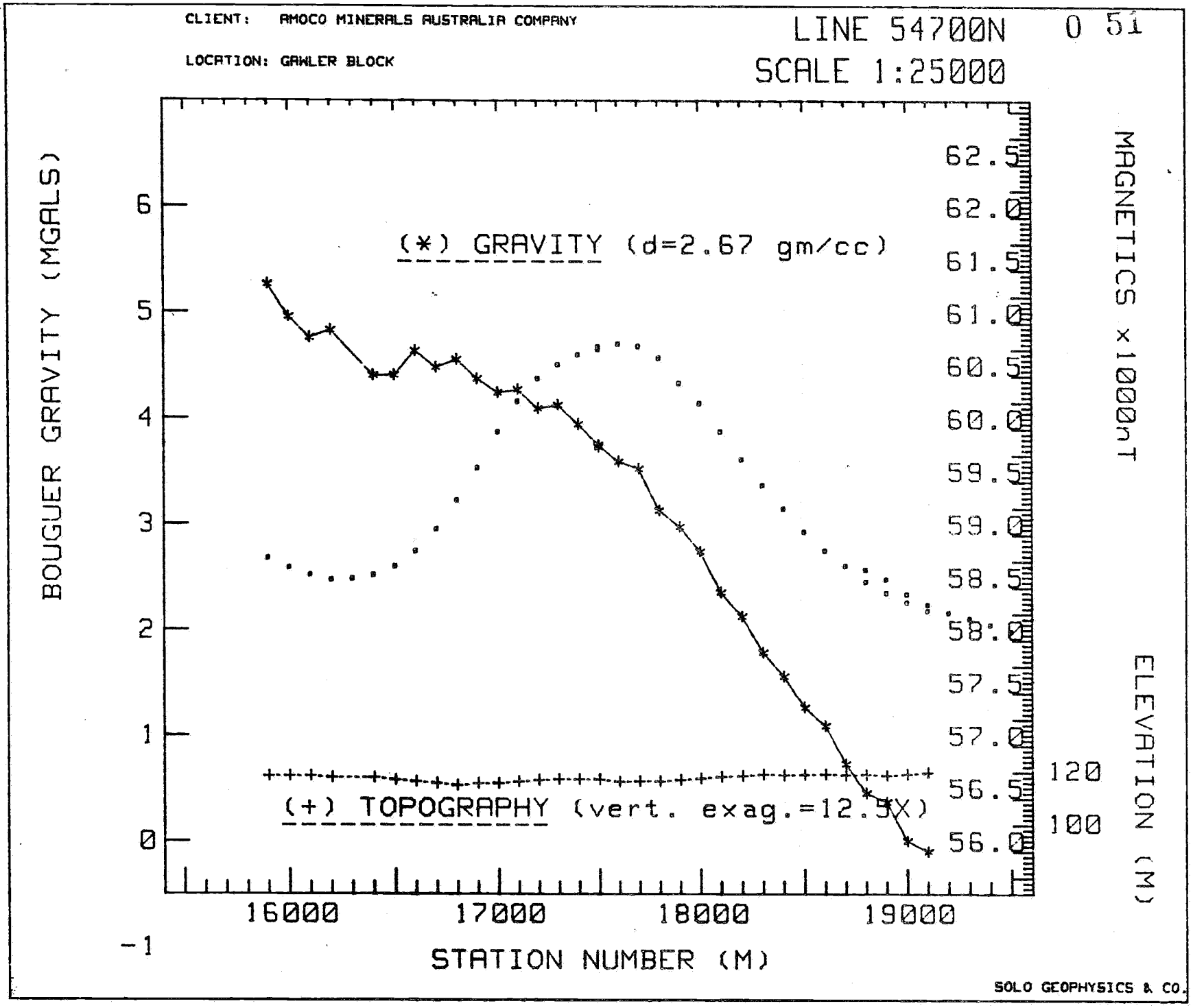
0**50*

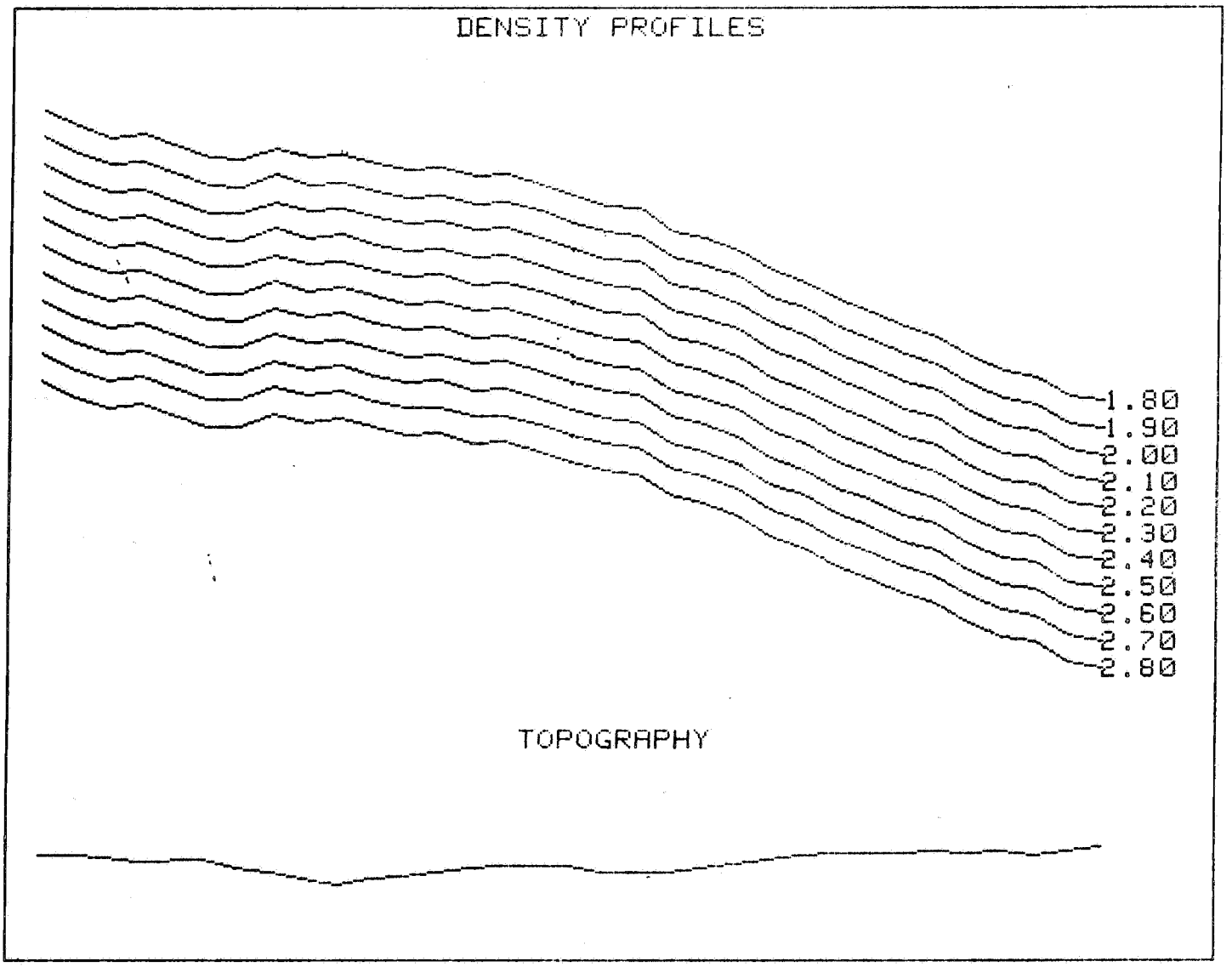
row #		STATION NUMBER	READING nTELSAS		Loop #
1		15500	59125		12
2		15600	59131		12
3		15700	59057		12
4		15800	58933		12
5		15900	58807		12
6		16000	58685		12
7		16100	58583		12
8		16200	58518		12
9		16300	58480		12
10		16500	58547		12
11		16600	58658		12
12		16700	58843		12
13		16800	59104		12
14		16900	59477		12
15		17000	59974		12
16		17100	60678		12
17		17200	61097		12
18		17300	61504		12
19		17400	61807		12
20		17500	61962		22
21	RPT	17500	61962	*	12
22	RPT	17500	61962	*	10
23		17600	61938		10
24		17700	61796		10
25		17800	61520		10
26		17900	61191		10
27		18000	60763		10
28		18100	60385		10
29		18200	60033		10
30		18300	59646		10
31		18400	59352		10
32		18500	59103		10
33		18600	58884		10
34		18700	58727		10
35		18800	58579		10
36		18900	58490		0
37		19000	58346		10
38		19100	58247		10
39		19200	58170		10
40		19300	58115		10
41		19400	58055		10
42		19500	57993		10


CLIENT: AMOCO MINERALS AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
LINE 54700N
SCALE 1:25000
0 51
(*) GRAVITY (d=2.67 gm/cc)
(+) TOPOGRAPHY (vert. exag.=12.5X)
BOUGUER GRAVITY (MGALS)
MAGNETICS x1000nT
ELEVATION (M)
STATION NUMBER (M)
16000
17000
18000
19000
SOLO GEOPHYSICS & CO.

GRAVITY DENSITY ANALYSIS

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
LINE 54700

0 52



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*** LINE L54700 ***
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row #		STATION NUMBER	ELEVATION (meters)	BOUGUER GRAVITY ANOMALY (mgals)		Loop #
1		15900	117.58	5.26		25
2		16000	117.67	4.96		25
3		16100	117.53	4.76		25
4		16200	116.93	4.83		25
5		16400	117.01	4.40		25
6		16500	116.11	4.40		25
7		16600	115.47	4.63		25
8		16700	114.79	4.48		25
9		16800	113.96	4.55		25
10		16900	114.68	4.37		25
11		17000	114.87	4.24		25
12		17100	115.45	4.27		25
13		17200	115.98	4.09		25
14		17300	116.31	4.13		25
15		17400	116.30	3.95		25
16		17500	116.26	3.75		25
17	RPT	17500	116.22	3.73	*	21
18	RPT	17500	116.26	3.75	*	25
19		17600	115.36	3.59		25
20		17700	115.59	3.52		25
21		17800	115.50	3.13		25
22		17900	116.05	2.98		25
23		18000	116.67	2.74		25
24		18100	117.26	2.36		25
25		18200	117.64	2.13		25
26		18300	118.08	1.78		25
27		18400	117.83	1.56		25
28		18500	118.00	1.27		25
29		18600	118.23	1.09		25
30		18700	117.92	.73		25
31		18800	118.12	.45		25
32		18900	117.74	.37		25
33		19000	118.27	.00		25
34		19100	118.87	-.10		25

BOUGUER DENSITIES FOR p= 1.8 TO 2.8 gms/c.c. LINE 54700

0 54

ROW No.	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
1	9.55	9.06	8.56	8.07	7.58	7.09	6.59	6.10	5.61	5.11
2	9.25	8.75	8.26	7.77	7.27	6.78	6.29	5.79	5.30	4.81
3	9.04	8.55	8.06	7.57	7.07	6.58	6.09	5.60	5.10	4.61
4	9.09	8.60	8.11	7.62	7.13	6.64	6.15	5.66	5.17	4.68
5	8.67	8.18	7.69	7.20	6.71	6.22	5.73	5.24	4.75	4.26
6	8.64	8.15	7.66	7.18	6.69	6.21	5.72	5.23	4.75	4.26
7	8.84	8.36	7.88	7.39	6.91	6.43	5.94	5.46	4.97	4.49
8	8.66	8.18	7.70	7.22	6.74	6.26	5.78	5.30	4.82	4.33
9	8.71	8.23	7.75	7.28	6.80	6.32	5.84	5.37	4.89	4.41
10	8.55	8.07	7.59	7.11	6.63	6.15	5.67	5.19	4.71	4.23
11	8.43	7.95	7.47	6.99	6.50	6.02	5.54	5.06	4.58	4.10
12	8.48	8.00	7.51	7.03	6.55	6.06	5.58	5.09	4.61	4.13
13	8.32	7.84	7.35	6.86	6.38	5.89	5.41	4.92	4.43	3.95
14	8.37	7.88	7.39	6.90	6.42	5.93	5.44	4.95	4.47	3.98
15	8.19	7.70	7.21	6.72	6.24	5.75	5.26	4.77	4.29	3.80
16	7.99	7.50	7.01	6.53	6.04	5.55	5.06	4.58	4.09	3.60
17	7.97	7.48	6.99	6.50	6.02	5.53	5.04	4.56	4.07	3.58
18	7.99	7.50	7.01	6.52	6.04	5.55	5.06	4.58	4.09	3.60
19	7.80	7.31	6.83	6.35	5.86	5.38	4.90	4.41	3.93	3.45
20	7.74	7.25	6.77	6.28	5.80	5.32	4.83	4.35	3.86	3.38
21	7.34	6.86	6.37	5.89	5.40	4.92	4.44	3.95	3.47	2.98
22	7.21	6.72	6.23	5.75	5.26	4.77	4.29	3.80	3.32	2.83
23	7.00	6.51	6.02	5.53	5.04	4.55	4.06	3.57	3.08	2.59
24	6.63	6.14	5.65	5.16	4.66	4.17	3.68	3.19	2.70	2.21
25	6.42	5.92	5.43	4.94	4.44	3.95	3.46	2.96	2.47	1.98
26	6.09	5.59	5.10	4.61	4.11	3.62	3.12	2.63	2.13	1.64
27	5.85	5.36	4.87	4.37	3.88	3.38	2.89	2.40	1.90	1.41
28	5.57	5.07	4.58	4.09	3.59	3.10	2.60	2.11	1.61	1.12
29	5.40	4.91	4.41	3.92	3.42	2.93	2.43	1.93	1.44	.94
30	5.03	4.53	4.04	3.54	3.05	2.56	2.06	1.57	1.07	.58
31	4.76	4.27	3.77	3.28	2.78	2.29	1.79	1.30	.80	.31
32	4.66	4.17	3.68	3.18	2.69	2.20	1.70	1.21	.71	.22
33	4.31	3.82	3.32	2.83	2.33	1.84	1.34	.85	.35	-.15
34	4.24	3.74	3.24	2.74	2.24	1.74	1.25	.75	.25	-.25

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*** LINE M54700 ***
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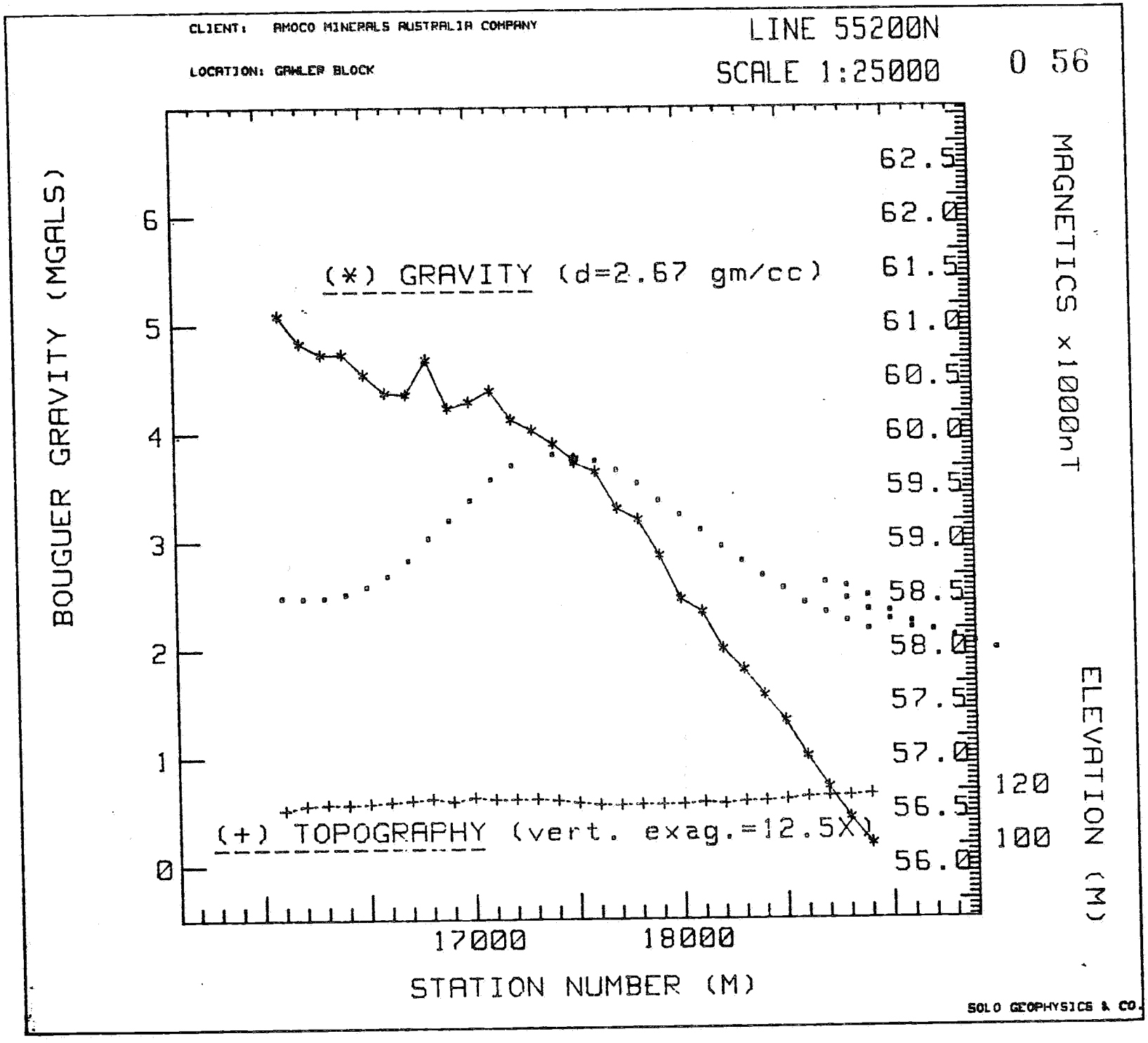
0-55

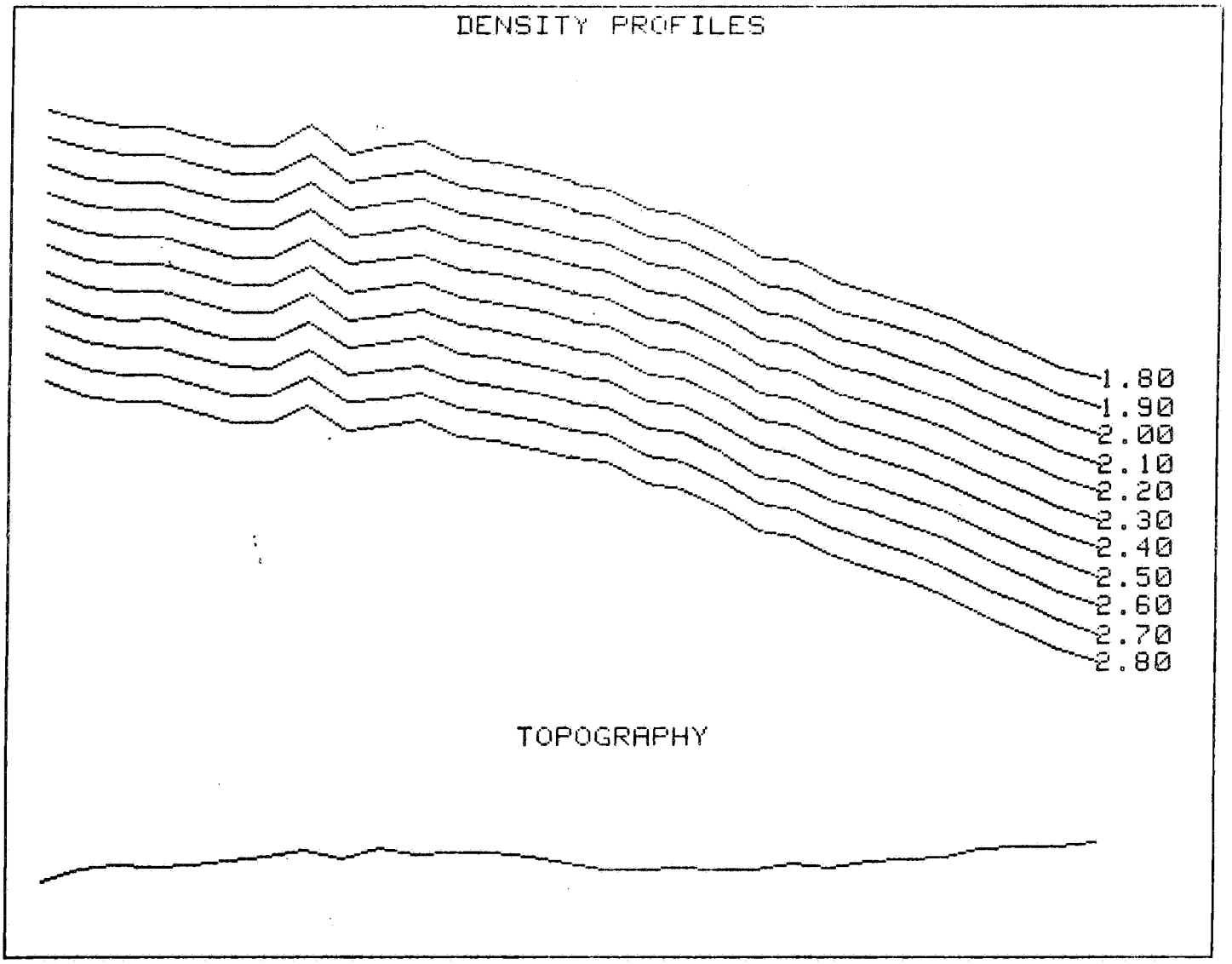
row #		STATION NUMBER	READING mTELSAS		Loop #
1		15900	58687		25
2		16000	58597		25
3		16100	58530		25
4		16200	58482		25
5		16300	58492		25
6		16400	58527		25
7		16500	58610		25
8		16600	58751		25
9		16700	58960		25
10		16800	59236		25
11		16900	59541		25
12		17000	59882		25
13		17100	60171		25
14		17200	60385		25
15		17300	60517		25
16		17400	60612		25
17		17500	60663		22
18	RPT	17500	60685	*	25
19		17600	60712		25
20		17700	60690		25
21		17800	60581		25
22		17900	60340		25
23		18000	60153		25
24		18100	59886		25
25		18200	59620		25
26		18300	59376		25
27		18400	59154		25
28		18500	58937		25
29		18600	58759		25
30		18700	58616		25
31		18800	58463		25
32		18900	58359		25
33		19000	58270		25
34		19100	58191		25


CLIENT: AMOCO MINERALS AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
LINE 55200N
SCALE 1:25000
0 56
BOUGUER GRAVITY (MGALS)
MAGNETICS x1000nT
ELEVATION (M)
(*) GRAVITY (d=2.67 gm/cc)
(+) TOPOGRAPHY (vert. exag.=12.5X)
6
5
4
3
2
1
0
62.5
62.0
61.5
61.0
60.5
60.0
59.5
59.0
58.5
58.0
57.5
57.0
56.5
56.0
120
100
17000
18000
STATION NUMBER (M)
SOLO GEOPHYSICS & CO.

GRAVITY DENSITY ANALYSIS

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
LINE 55200

0 57



****
*** LINE L55200 ***
****

row #		STATION NUMBER	ELEVATION (meters)	BOUGUER GRAVITY ANOMALY (mgals)		Loop #
1		16100	112.51	5.09		27
2		16200	114.13	4.83		27
3		16300	114.61	4.72		27
4		16400	114.42	4.73		27
5		16500	114.79	4.54		27
6		16600	115.35	4.37		27
7		16700	115.91	4.35		27
8		16800	116.54	4.68		27
9		16900	115.43	4.23		27
10		17000	117.00	4.28		27
11		17100	116.14	4.39		27
12		17200	116.32	4.12		27
13		17300	116.35	4.02		27
14		17400	115.77	3.90		27
15		17500	114.94	3.74		27
16	RPT	17500	114.94	3.76	*	21
17	RPT	17500	114.94	3.72	*	27
18		17600	114.27	3.64		27
19		17700	114.12	3.30		27
20		17800	114.35	3.19		27
21		17900	114.31	2.86		27
22		18000	114.30	2.46		27
23		18100	115.02	2.34		27
24		18200	114.49	1.99		27
25		18300	115.37	1.80		27
26		18400	115.45	1.56		27
27		18500	115.95	1.33		27
28		18600	116.85	1.00		27
29		18700	117.19	.71		27
30		18800	117.18	.43		27
31		18900	117.73	.19		27

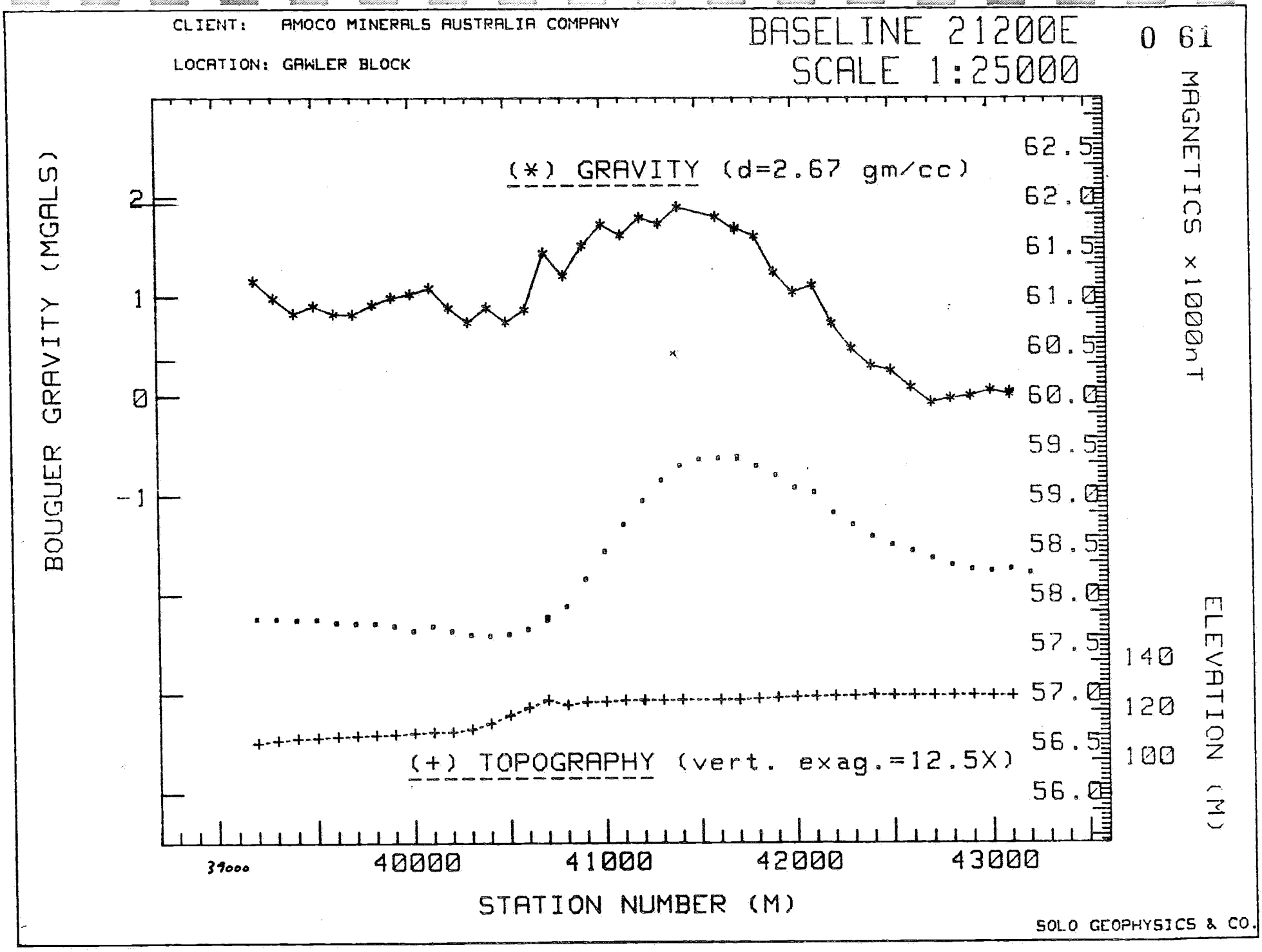
BOUGUER DENSITIES FOR p= 1.8 TO 2.8 gms/c.c. LINE 55200

0 59

ROW No.	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
1	9.19	8.72	8.24	7.77	7.30	6.83	6.36	5.89	5.42	4.94
2	8.99	8.51	8.03	7.55	7.08	6.60	6.12	5.64	5.16	4.68
3	8.90	8.42	7.94	7.46	6.98	6.50	6.02	5.54	5.06	4.58
4	8.90	8.42	7.94	7.46	6.98	6.50	6.02	5.54	5.06	4.58
5	8.73	8.24	7.76	7.28	6.80	6.32	5.84	5.36	4.88	4.40
6	8.57	8.09	7.61	7.12	6.64	6.16	5.67	5.19	4.71	4.22
7	8.58	8.09	7.61	7.12	6.64	6.15	5.66	5.18	4.69	4.21
8	8.93	8.44	7.95	7.46	6.97	6.48	5.99	5.51	5.02	4.53
9	8.44	7.95	7.47	6.98	6.50	6.02	5.53	5.05	4.57	4.08
10	8.55	8.06	7.57	7.08	6.59	6.10	5.61	5.12	4.63	4.14
11	8.62	8.14	7.65	7.16	6.68	6.19	5.70	5.22	4.73	4.24
12	8.36	7.87	7.39	6.90	6.41	5.92	5.44	4.95	4.46	3.97
13	8.26	7.78	7.29	6.80	6.31	5.83	5.34	4.85	4.36	3.88
14	8.12	7.63	7.15	6.66	6.18	5.69	5.21	4.72	4.24	3.75
15	7.93	7.45	6.97	6.49	6.01	5.53	5.04	4.56	4.08	3.60
16	7.95	7.47	6.98	6.50	6.02	5.54	5.06	4.58	4.09	3.61
17	7.91	7.43	6.95	6.46	5.98	5.50	5.02	4.54	4.06	3.57
18	7.81	7.33	6.85	6.37	5.89	5.41	4.93	4.45	3.97	3.50
19	7.46	6.98	6.50	6.02	5.54	5.07	4.59	4.11	3.63	3.15
20	7.36	6.88	6.40	5.93	5.45	4.97	4.49	4.01	3.53	3.05
21	7.03	6.55	6.07	5.59	5.11	4.63	4.15	3.68	3.20	2.72
22	6.63	6.15	5.67	5.19	4.71	4.23	3.75	3.27	2.80	2.32
23	6.53	6.05	5.57	5.09	4.61	4.12	3.64	3.16	2.68	2.20
24	6.17	5.69	5.21	4.73	4.25	3.77	3.29	2.81	2.33	1.85
25	6.01	5.52	5.04	4.56	4.07	3.59	3.11	2.62	2.14	1.66
26	5.77	5.29	4.81	4.32	3.84	3.35	2.87	2.39	1.90	1.42
27	5.56	5.07	4.58	4.10	3.61	3.13	2.64	2.15	1.67	1.18
28	5.26	4.77	4.28	3.79	3.30	2.81	2.32	1.83	1.34	.85
29	4.99	4.49	4.00	3.51	3.02	2.53	2.04	1.55	1.06	.56
30	4.70	4.21	3.72	3.23	2.74	2.24	1.75	1.26	.77	.28
31	4.48	3.99	3.50	3.00	2.51	2.01	1.52	1.03	.53	.04

****
*** LINE M55200 ***
****

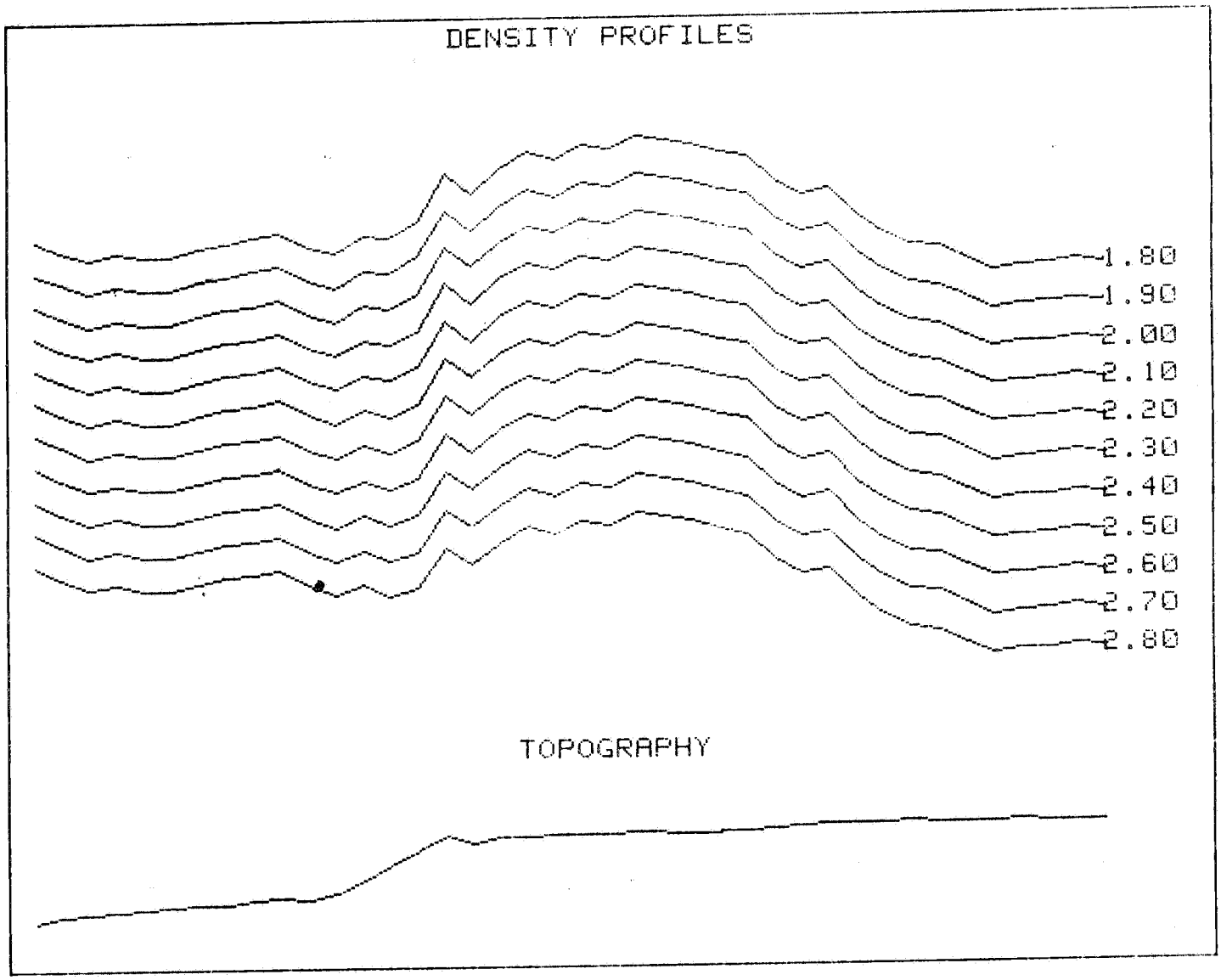
row #		STATION NUMBER	READING mTELSAS		Loop #
1		16100	58493		27
2		16200	58483		27
3		16300	58488		27
4		16400	58522		27
5		16500	58589		27
6		16600	58688		27
7		16700	58831		27
8		16800	59036		27
9		16900	59202		27
10		17000	59385		27
11		17100	59580		27
12		17200	59708		27
13		17400	59810		27
14		17500	59790		22
15	RPT	17500	59777	*	27
16		17600	59749		27
17		17700	59661		27
18		17800	59539		27
19		17900	59379		27
20		18000	59245		27
21		18100	59104		27
22		18200	58952		27
23		18300	58817		27
24		18400	58681		27
25		18500	58562		27
26		18600	58427		27
27		18700	58338		27
28		18800	58258		27
29		18900	58180		27


CLIENT: AMOCO MINERALS AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
BASELINE 21200E
SCALE 1:25000
0 61
(*) GRAVITY (d=2.67 gm/cc)
(+) TOPOGRAPHY (vert. exag.=12.5X)
BOUGUER GRAVITY (MGALS)
2
1
0
-1
MAGNETICS x1000nT
62.5
62.0
61.5
61.0
60.5
60.0
59.5
59.0
58.5
58.0
57.5
57.0
56.5
56.0
ELEVATION (M)
140
120
100
39000
40000
41000
42000
43000
STATION NUMBER (M)
SOLO GEOPHYSICS & CO.

GRAVITY DENSITY ANALYSIS

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
BASELINE 21200

0 62



****
*** LINE B21200 ***
****

row #		STATION NUMBER	ELEVATION (meters)	BOUGUER GRAVITY ANOMALY (mgals)		Loop #
1		39200	106.35	1.16		7
2		39300	107.40	.99		7
3		39400	108.12	.83		7
4		39500	108.52	.91		7
5		39600	109.02	.83		7
6		39700	109.23	.82		7
7		39800	109.57	.92		7
8		39900	109.79	.99		7
9		40000	110.47	1.03		7
10		40100	110.80	1.09		7
11		40200	110.75	.89		7
12		40300	112.00	.75		7
13		40400	114.31	.89		7
14		40500	117.59	.75		7
15		40600	120.62	.87		7
16		40700	123.56	1.44		32
17		40800	121.62	1.21		7
18		40900	122.90	1.51		7
19		41000	122.93	1.73		7
20		41100	123.45	1.62		7
21		41200	123.56	1.79		6
22	RPT	41200	123.56	1.79	*	7
23		41300	123.53	1.73		9
24		41400	123.71	1.90		9
25		41600	123.67	1.80		9
26		41700	123.62	1.67		9
27	RPT	41700	123.70	1.69	*	11
28		41800	124.09	1.61		9
29		41900	124.50	1.24		9
30		42000	124.83	1.04		9
31		42100	124.99	1.11		9
32		42200	125.14	.73		9
33		42300	125.25	.48		9
34		42400	125.44	.30		9
35		42500	125.38	.26		9
36		42600	125.39	.09		9
37		42700	125.32	-.06		9
38		42800	125.44	-.02		9
39		42900	125.36	.00		9
40		43000	125.19	.06		9
41		43100	125.14	.01		9
42	RPT	43100	125.14	.04	*	9

BOUGUER DENSITIES FOR p= 1.8 TO 2.8 gms/c.c. LINE 21200

0-64

ROW No.	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
1	5.04	4.59	4.15	3.70	3.25	2.81	2.36	1.92	1.47	1.03
2	4.90	4.45	4.00	3.55	3.10	2.65	2.20	1.75	1.30	.85
3	4.77	4.32	3.87	3.41	2.96	2.51	2.06	1.60	1.15	.70
4	4.86	4.41	3.96	3.50	3.05	2.59	2.14	1.68	1.23	.77
5	4.80	4.34	3.89	3.43	2.97	2.52	2.06	1.60	1.15	.69
6	4.81	4.35	3.89	3.43	2.97	2.52	2.06	1.60	1.14	.69
7	4.92	4.46	4.00	3.54	3.08	2.62	2.16	1.70	1.24	.78
8	4.99	4.53	4.07	3.61	3.15	2.69	2.23	1.77	1.31	.85
9	5.06	4.59	4.13	3.67	3.20	2.74	2.28	1.81	1.35	.89
10	5.13	4.67	4.20	3.74	3.27	2.81	2.34	1.88	1.42	.95
11	4.93	4.46	4.00	3.54	3.07	2.61	2.14	1.68	1.21	.75
12	4.83	4.36	3.89	3.42	2.95	2.48	2.01	1.54	1.07	.60
13	5.06	4.58	4.10	3.62	3.15	2.67	2.19	1.71	1.23	.75
14	5.04	4.55	4.05	3.56	3.07	2.57	2.08	1.59	1.10	.60
15	5.27	4.77	4.26	3.75	3.25	2.74	2.24	1.73	1.23	.72
16	5.94	5.43	4.91	4.39	3.87	3.36	2.84	2.32	1.80	1.28
17	5.65	5.14	4.63	4.12	3.61	3.10	2.59	2.08	1.57	1.06
18	5.99	5.48	4.96	4.45	3.93	3.42	2.90	2.39	1.87	1.36
19	6.21	5.69	5.18	4.66	4.15	3.63	3.12	2.60	2.09	1.57
20	6.12	5.60	5.08	4.57	4.05	3.53	3.01	2.50	1.98	1.46
21	6.30	5.78	5.26	4.74	4.23	3.71	3.19	2.67	2.15	1.64
22	6.30	5.78	5.26	4.74	4.23	3.71	3.19	2.67	2.15	1.64
23	6.23	5.72	5.20	4.68	4.16	3.65	3.13	2.61	2.09	1.58
24	6.41	5.89	5.37	4.85	4.34	3.82	3.30	2.78	2.26	1.74
25	6.31	5.79	5.27	4.76	4.24	3.72	3.20	2.68	2.16	1.65
26	6.18	5.66	5.15	4.63	4.11	3.59	3.07	2.55	2.04	1.52
27	6.20	5.68	5.16	4.65	4.13	3.61	3.09	2.57	2.05	1.54
28	6.13	5.61	5.09	4.57	4.05	3.53	3.01	2.49	1.97	1.45
29	5.78	5.26	4.74	4.22	3.70	3.17	2.65	2.13	1.61	1.09
30	5.60	5.07	4.55	4.03	3.50	2.98	2.46	1.93	1.41	.89
31	5.67	5.15	4.62	4.10	3.58	3.05	2.53	2.01	1.48	.96
32	5.30	4.77	4.25	3.72	3.20	2.67	2.15	1.62	1.10	.58
33	5.05	4.52	4.00	3.47	2.95	2.42	1.90	1.37	.85	.32
34	4.88	4.35	3.83	3.30	2.77	2.25	1.72	1.20	.67	.15
35	4.83	4.30	3.78	3.25	2.73	2.20	1.68	1.15	.63	.10
36	4.66	4.14	3.61	3.08	2.56	2.03	1.51	.98	.46	-.07
37	4.51	3.98	3.46	2.93	2.40	1.88	1.35	.83	.30	-.22
38	4.55	4.03	3.50	2.97	2.45	1.92	1.40	.87	.35	-.18
39	4.57	4.05	3.52	3.00	2.47	1.94	1.42	.89	.37	-.16
40	4.62	4.10	3.57	3.05	2.52	2.00	1.48	.95	.43	-.10
41	4.58	4.05	3.53	3.00	2.48	1.96	1.43	.91	.38	-.14
42	4.60	4.08	3.55	3.03	2.50	1.98	1.46	.93	.41	-.12

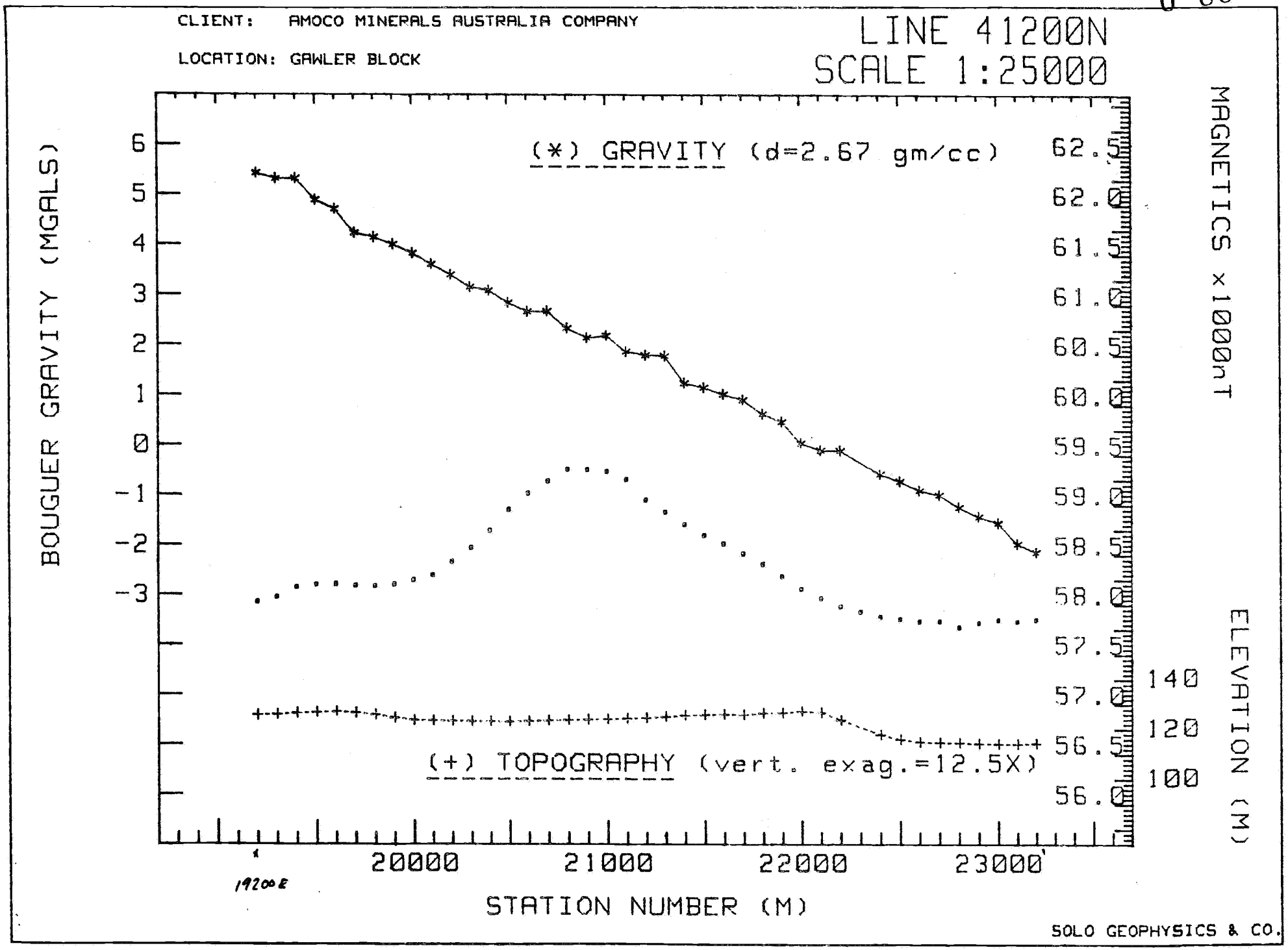
****
*** LINE S21200 ***
****

row #		STATION NUMBER	READING nTELSAS		Loop #
1		39200	57772		7
2		39300	57768		7
3		39400	57758		7
4		39500	57763		7
5		39600	57730		7
6		39700	57723		7
7		39800	57722		7
8		39900	57698		7
9		40000	57648		7
10		40100	57696		7
11		40200	57644		7
12		40300	57608		7
13		40400	57599		7
14		40500	57615		7
15		40600	57664		7
16		40700	57759		7
17	RPT	40700	57787	*	8
18		40800	57894		7
19		40900	58169		7
20		41000	58448		7
21		41100	58719		7
22		41200	58958		7
23		41300	59167		9
24		41400	59311		9
25		41500	59376		9
26		41600	59386		9
27		41700	59403		11
28	RPT	41700	59381	*	9
29		41800	59310		9
30		41900	59216		9
31		42000	59088		9
32		42100	59041		9
33		42200	58834		9
34		42300	58715		9
35		42400	58596		9
36		42500	58514		9
37		42600	58451		9
38		42700	58377		9
39		42800	58308		9
40		42900	58266		9
41		43000	58246		9
42		43100	58269		9
43		43200	58230		9

CLIENT: AMOCO MINERALS AUSTRALIA COMPANY

LOCATION: GAWLER BLOCK

LINE 41200N
SCALE 1:25000

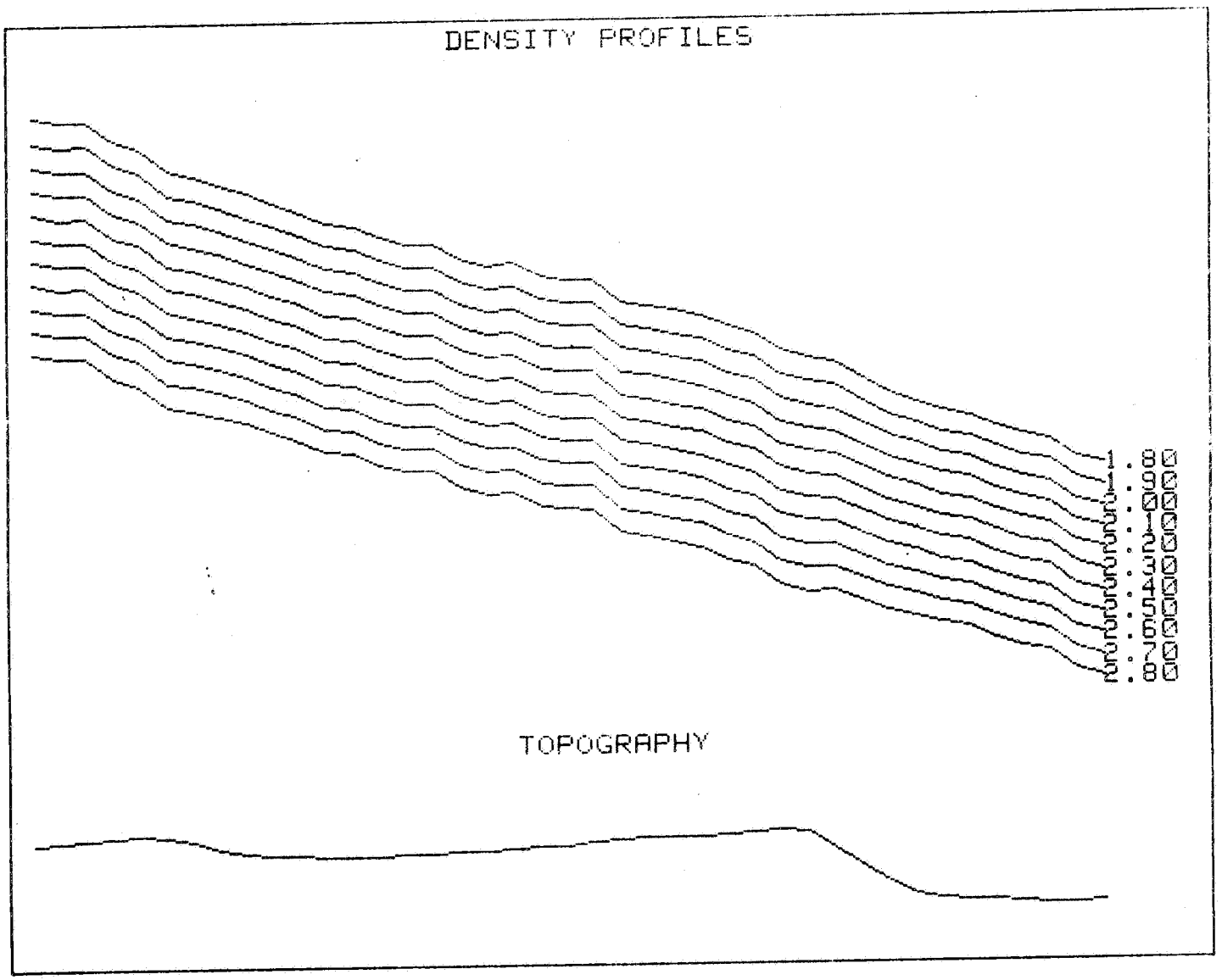


SOLO GEOPHYSICS & CO.

GRAVITY DENSITY ANALYSIS

0 67

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
LINE 41200



****
*** LINE L41200 ***
****

row #		STATION NUMBER	ELEVATION (meters)	BOUGUER GRAVITY ANOMALY (mgals)	Loop #
1		19200	124.72	5.42	16
2		19300	125.00	5.31	16
3		19400	125.44	5.32	16
4		19500	125.79	4.89	16
5		19600	126.03	4.71	16
6		19700	125.62	4.23	16
7		19800	124.79	4.14	16
8		19900	123.52	4.00	16
9		20000	122.58	3.83	16
10		20100	122.42	3.61	16
11		20200	122.24	3.40	16
12		20300	122.10	3.15	16
13		20400	122.11	3.08	16
14		20500	122.02	2.84	16
15		20600	122.20	2.67	16
16		20700	122.43	2.67	16
17		20800	122.65	2.33	16
18		20900	122.86	2.14	16
19		21000	123.07	2.18	16
20		21100	123.30	1.86	16
21		21200	123.56	1.79	7
22	RPT	21200	123.56	1.79 *	6
23		21300	124.01	1.76	6
24		21400	124.55	1.24	6
25		21500	124.78	1.15	6
26		21600	124.88	1.01	6
27		21700	124.85	.90	6
28		21800	125.45	.62	6
29		21900	125.71	.46	6
30		22000	126.13	.04	6
31		22100	125.72	-.11	6
32		22200	122.71	-.11	6
33		22400	116.75	-.58	6
34		22500	114.90	-.73	6
35		22600	113.90	-.91	6
36		22700	113.71	-1.00	6
37		22800	113.61	-1.25	6
38		22900	113.19	-1.44	6
39		23000	113.08	-1.56	6
40		23100	113.08	-1.98	6
41		23200	113.32	-2.14	6

BOUGUER DENSITIES FOR ρ= 1.8 TO 2.8 gms/c.c. LINE 41200

0 69

ROW No.	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
1	9.97	9.45	8.93	8.40	7.88	7.36	6.84	6.31	5.79	5.27
2	9.87	9.35	8.82	8.30	7.78	7.25	6.73	6.20	5.68	5.16
3	9.89	9.37	8.84	8.32	7.79	7.26	6.74	6.21	5.69	5.16
4	9.47	8.95	8.42	7.89	7.37	6.84	6.31	5.78	5.26	4.73
5	9.30	8.77	8.25	7.72	7.19	6.66	6.13	5.60	5.08	4.55
6	8.81	8.28	7.76	7.23	6.70	6.18	5.65	5.13	4.60	4.07
7	8.69	8.17	7.65	7.12	6.60	6.08	5.55	5.03	4.51	3.99
8	8.50	7.99	7.47	6.95	6.43	5.91	5.40	4.88	4.36	3.84
9	8.30	7.78	7.27	6.76	6.24	5.73	5.21	4.70	4.19	3.67
10	8.07	7.56	7.05	6.53	6.02	5.51	4.99	4.48	3.97	3.46
11	7.85	7.34	6.83	6.32	5.81	5.29	4.78	4.27	3.76	3.24
12	7.60	7.09	6.58	6.07	5.56	5.05	4.53	4.02	3.51	3.00
13	7.54	7.02	6.51	6.00	5.49	4.98	4.46	3.95	3.44	2.93
14	7.29	6.77	6.26	5.75	5.24	4.73	4.22	3.71	3.19	2.68
15	7.12	6.61	6.10	5.58	5.07	4.56	4.05	3.54	3.02	2.51
16	7.13	6.62	6.11	5.59	5.08	4.57	4.06	3.54	3.03	2.52
17	6.80	6.29	5.77	5.26	4.74	4.23	3.72	3.20	2.69	2.17
18	6.62	6.11	5.59	5.08	4.56	4.05	3.53	3.02	2.50	1.99
19	6.67	6.16	5.64	5.12	4.61	4.09	3.58	3.06	2.54	2.03
20	6.36	5.84	5.33	4.81	4.29	3.78	3.26	2.74	2.23	1.71
21	6.30	5.78	5.26	4.74	4.23	3.71	3.19	2.67	2.15	1.64
22	6.30	5.78	5.26	4.74	4.23	3.71	3.19	2.67	2.15	1.64
23	6.30	5.78	5.26	4.74	4.22	3.70	3.18	2.66	2.14	1.62
24	5.78	5.26	4.73	4.21	3.69	3.17	2.65	2.12	1.60	1.08
25	5.70	5.17	4.65	4.13	3.60	3.08	2.56	2.04	1.51	.99
26	5.56	5.04	4.52	3.99	3.47	2.95	2.42	1.90	1.38	.85
27	5.45	4.93	4.41	3.88	3.36	2.84	2.31	1.79	1.27	.74
28	5.20	4.67	4.14	3.62	3.09	2.57	2.04	1.52	.99	.46
29	5.05	4.52	3.99	3.47	2.94	2.41	1.89	1.36	.83	.31
30	4.63	4.11	3.58	3.05	2.52	1.99	1.46	.93	.41	-.12
31	4.48	3.95	3.42	2.90	2.37	1.84	1.32	.79	.26	-.26
32	4.36	3.85	3.33	2.82	2.30	1.79	1.28	.76	.25	-.27
33	3.67	3.19	2.70	2.21	1.72	1.23	.74	.25	-.24	-.73
34	3.46	2.98	2.50	2.02	1.54	1.06	.57	.09	-.39	-.87
35	3.24	2.76	2.29	1.81	1.33	.86	.38	-.10	-.58	-1.05
36	3.15	2.67	2.19	1.72	1.24	.76	.29	-.19	-.67	-1.14
37	2.89	2.42	1.94	1.47	.99	.51	.04	-.44	-.92	-1.39
38	2.69	2.22	1.74	1.27	.79	.32	-.15	-.63	-1.10	-1.58
39	2.56	2.09	1.61	1.14	.67	.19	-.28	-.75	-1.23	-1.70
40	2.15	1.67	1.20	.72	.25	-.22	-.70	-1.17	-1.65	-2.12
41	1.99	1.52	1.04	.57	.09	-.38	-.86	-1.33	-1.81	-2.28

****
*** LINE M41200 ***
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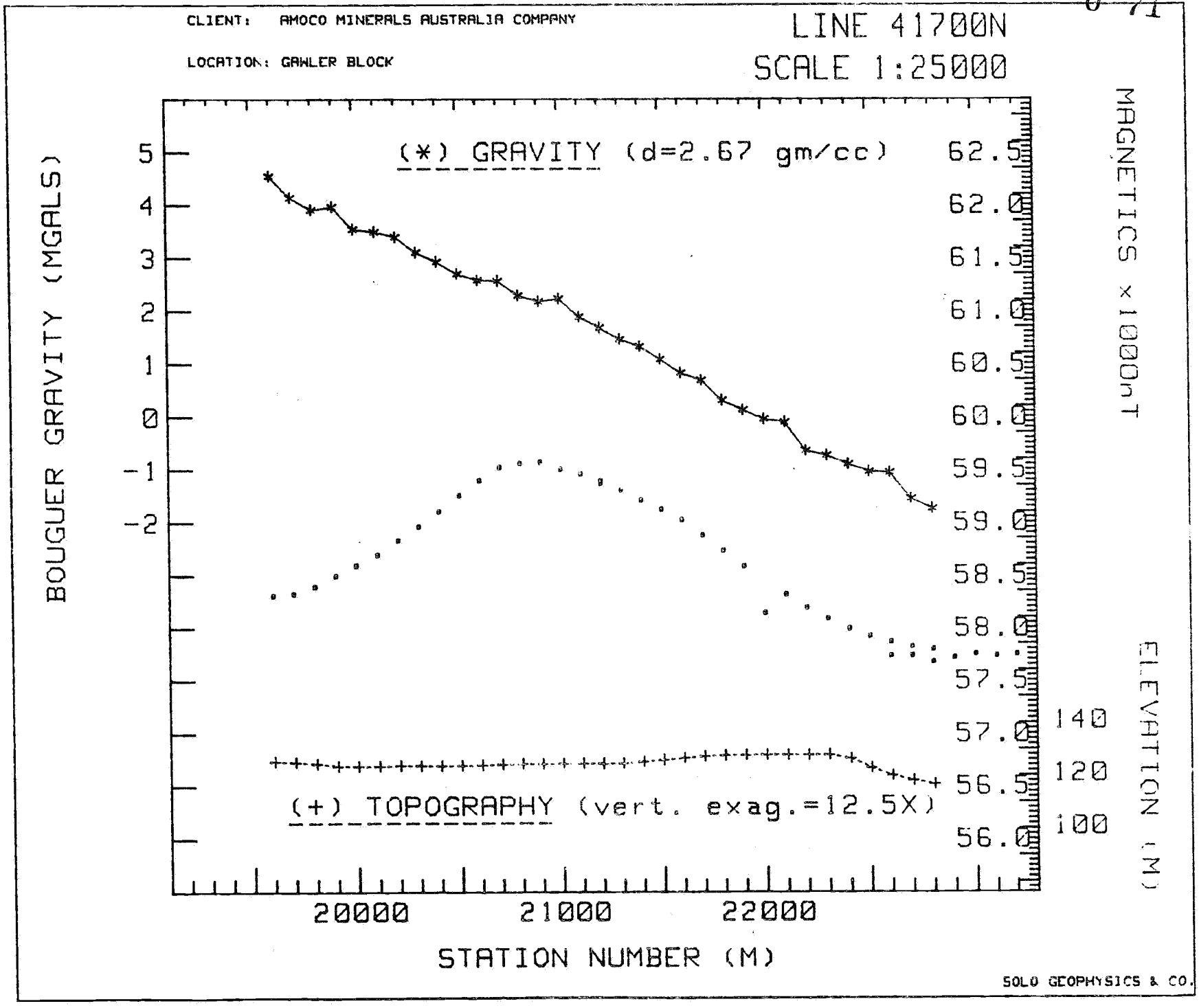
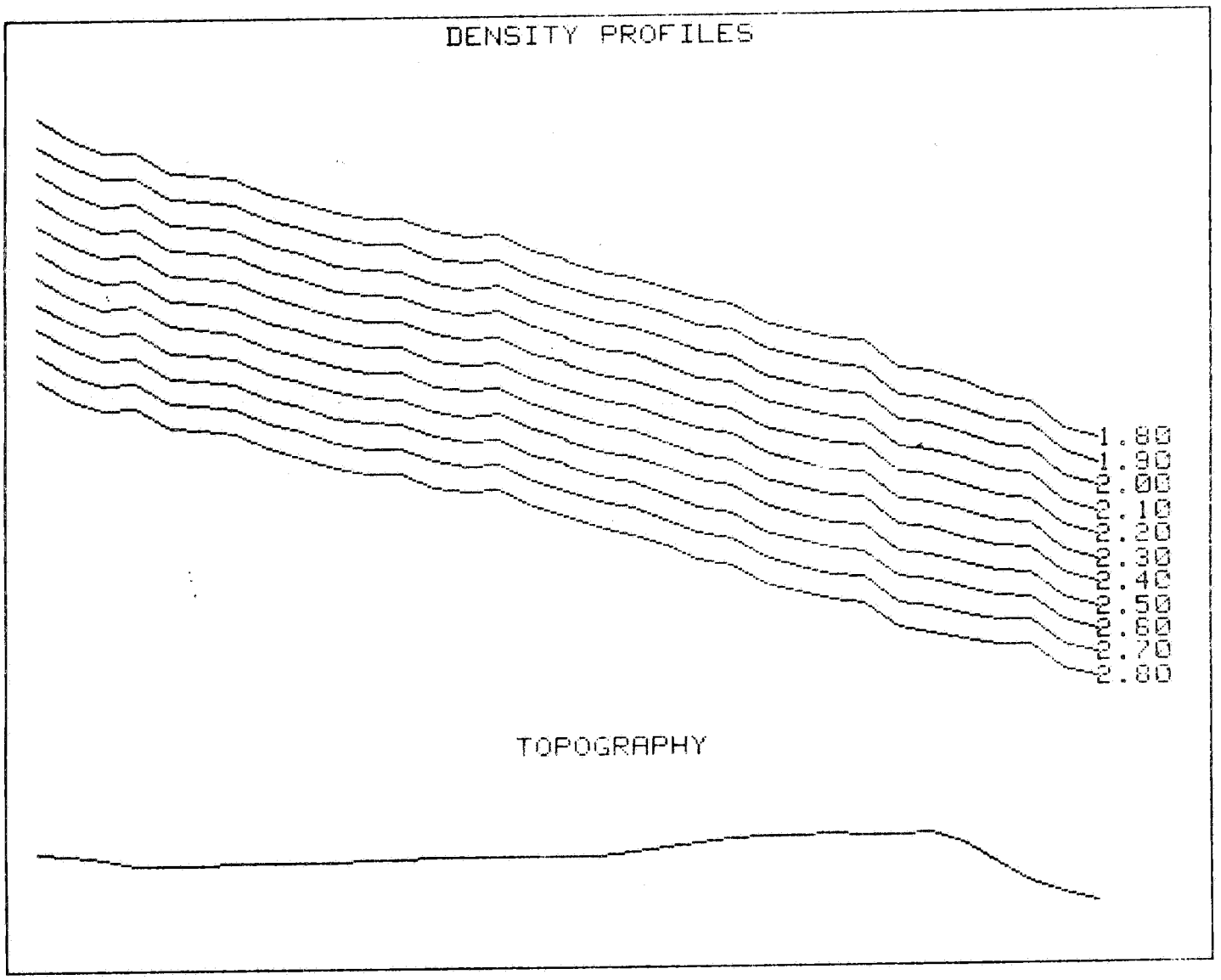
row #	STATION NUMBER	READING nTELSAS	Loop #
1	19200	57935	16
2	19300	57985	16
3	19400	58082	16
4	19500	58109	16
5	19600	58115	16
6	19700	58100	16
7	19800	58093	16
8	19900	58112	16
9	20000	58155	16
10	20100	58206	16
11	20200	58340	16
12	20300	58478	16
13	20400	58652	16
14	20500	58862	16
15	20600	59025	16
16	20700	59147	16
17	20800	59264	16
18	20900	59262	16
19	21000	59244	16
20	21100	59164	16
21	21200	58958	7
22	21300	58837	6
23	21400	58712	6
24	21500	58605	6
25	21600	58521	6
26	21700	58421	6
27	21800	58317	6
28	21900	58192	6
29	22000	58067	6
30	22100	57973	6
31	22200	57891	6
32	22300	57837	6
33	22400	57787	6
34	22500	57764	6
35	22600	57742	6
36	22700	57743	6
37	22800	57683	6
38	22900	57727	6
39	23000	57757	6
40	23100	57742	6
41	23200	57758	6


CLIENT: AMOCO MINERALS AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
LINE 41700N
SCALE 1:25000
(*) GRAVITY (d=2.67 gm/cc)
(+) TOPOGRAPHY (vert. exag.=12.5X)
BOUGUER GRAVITY (MGALS)
5
4
3
2
1
0
-1
-2
MAGNETICS x1000nT
62.5
62.0
61.5
61.0
60.5
60.0
59.5
59.0
58.5
58.0
57.5
57.0
56.5
56.0
ELEVATION (M)
140
120
100
20000
21000
22000
STATION NUMBER (M)
SOLO GEOPHYSICS & CO.

GRAVITY DENSITY ANALYSIS

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
LINE 41700

0 72



****
*** LINE L41700 ***
****

0 73

row #		STATION NUMBER	ELEVATION (meters)	BOUGUER GRAVITY ANOMALY (mgals)	Loop #
1		19600	124.42	4.55	13
2		19700	124.11	4.14	13
3		19800	123.62	3.91	13
4		19900	122.69	3.97	13
5		20000	122.60	3.54	13
6		20100	122.67	3.49	13
7		20200	122.83	3.40	13
8		20300	122.79	3.11	13
9		20400	122.79	2.93	13
10		20500	122.90	2.70	13
11		20600	123.05	2.58	13
12		20700	123.29	2.56	13
13		20800	123.48	2.29	13
14		20900	123.50	2.18	13
15		21000	123.67	2.23	13
16		21100	123.69	1.89	13
17		21200	123.70	1.69	11
18	RPT	21200	123.62	1.67 *	9
19		21300	123.68	1.46	11
20		21400	124.29	1.32	11
21		21500	124.97	1.08	11
22		21600	125.73	.82	11
23		21700	126.31	.68	11
24		21800	126.63	.31	11
25		21900	126.77	.12	11
26		22000	126.91	-.05	11
27		22100	126.78	-.11	11
28		22200	126.80	-.65	11
29		22300	126.84	-.73	11
30		22400	125.40	-.90	11
31		22500	121.81	-1.04	11
32		22600	118.90	-1.06	11
33		22700	117.03	-1.56	11
34		22800	115.66	-1.74	11

BOUGUER DENSITIES FOR ρ= 1.8 TO 2.8 gms/c.c. LINE 41700

0-74

ROW No.	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
1	9.08	8.56	8.04	7.52	7.00	6.48	5.95	5.43	4.91	4.39
2	8.67	8.15	7.63	7.10	6.58	6.06	5.54	5.02	4.50	3.98
3	8.42	7.90	7.38	6.86	6.34	5.82	5.31	4.79	4.27	3.75
4	8.44	7.92	7.41	6.90	6.38	5.87	5.35	4.84	4.33	3.81
5	8.01	7.50	6.98	6.47	5.95	5.44	4.93	4.41	3.90	3.39
6	7.96	7.45	6.93	6.42	5.91	5.39	4.88	4.36	3.85	3.34
7	7.87	7.36	6.85	6.33	5.82	5.30	4.79	4.27	3.76	3.24
8	7.58	7.07	6.55	6.04	5.52	5.01	4.49	3.98	3.47	2.95
9	7.40	6.89	6.38	5.86	5.35	4.83	4.32	3.80	3.29	2.77
10	7.18	6.66	6.15	5.63	5.12	4.60	4.09	3.57	3.06	2.54
11	7.07	6.55	6.04	5.52	5.00	4.49	3.97	3.46	2.94	2.43
12	7.06	6.54	6.03	5.51	4.99	4.48	3.96	3.44	2.93	2.41
13	6.79	6.27	5.76	5.24	4.72	4.20	3.69	3.17	2.65	2.13
14	6.68	6.16	5.64	5.13	4.61	4.09	3.57	3.06	2.54	2.02
15	6.74	6.22	5.70	5.19	4.67	4.15	3.63	3.11	2.59	2.08
16	6.40	5.88	5.36	4.84	4.33	3.81	3.29	2.77	2.25	1.73
17	6.20	5.68	5.16	4.65	4.13	3.61	3.09	2.57	2.05	1.54
18	6.18	5.66	5.15	4.63	4.11	3.59	3.07	2.55	2.04	1.52
19	5.97	5.45	4.93	4.41	3.89	3.37	2.86	2.34	1.82	1.30
20	5.86	5.34	4.81	4.29	3.77	3.25	2.73	2.21	1.69	1.17
21	5.64	5.11	4.59	4.07	3.54	3.02	2.49	1.97	1.45	.92
22	5.41	4.88	4.35	3.82	3.30	2.77	2.24	1.72	1.19	.66
23	5.29	4.76	4.23	3.70	3.17	2.64	2.11	1.58	1.05	.52
24	4.92	4.39	3.86	3.33	2.80	2.27	1.74	1.21	.68	.15
25	4.75	4.21	3.68	3.15	2.62	2.09	1.56	1.03	.50	-.04
26	4.58	4.05	3.51	2.98	2.45	1.92	1.39	.86	.32	-.21
27	4.52	3.98	3.45	2.92	2.39	1.86	1.33	.80	.27	-.27
28	3.98	3.44	2.91	2.38	1.85	1.32	.79	.26	-.28	-.81
29	3.89	3.36	2.83	2.30	1.76	1.23	.70	.17	-.36	-.89
30	3.67	3.14	2.62	2.09	1.57	1.04	.52	-.01	-.54	-1.06
31	3.40	2.89	2.38	1.87	1.36	.84	.33	-.18	-.69	-1.20
32	3.27	2.78	2.28	1.78	1.28	.78	.28	-.21	-.71	-1.21
33	2.71	2.22	1.73	1.24	.75	.26	-.23	-.72	-1.21	-1.70
34	2.48	1.99	1.51	1.02	.54	.05	-.43	-.92	-1.40	-1.89

****
*** LINE M41700 ***
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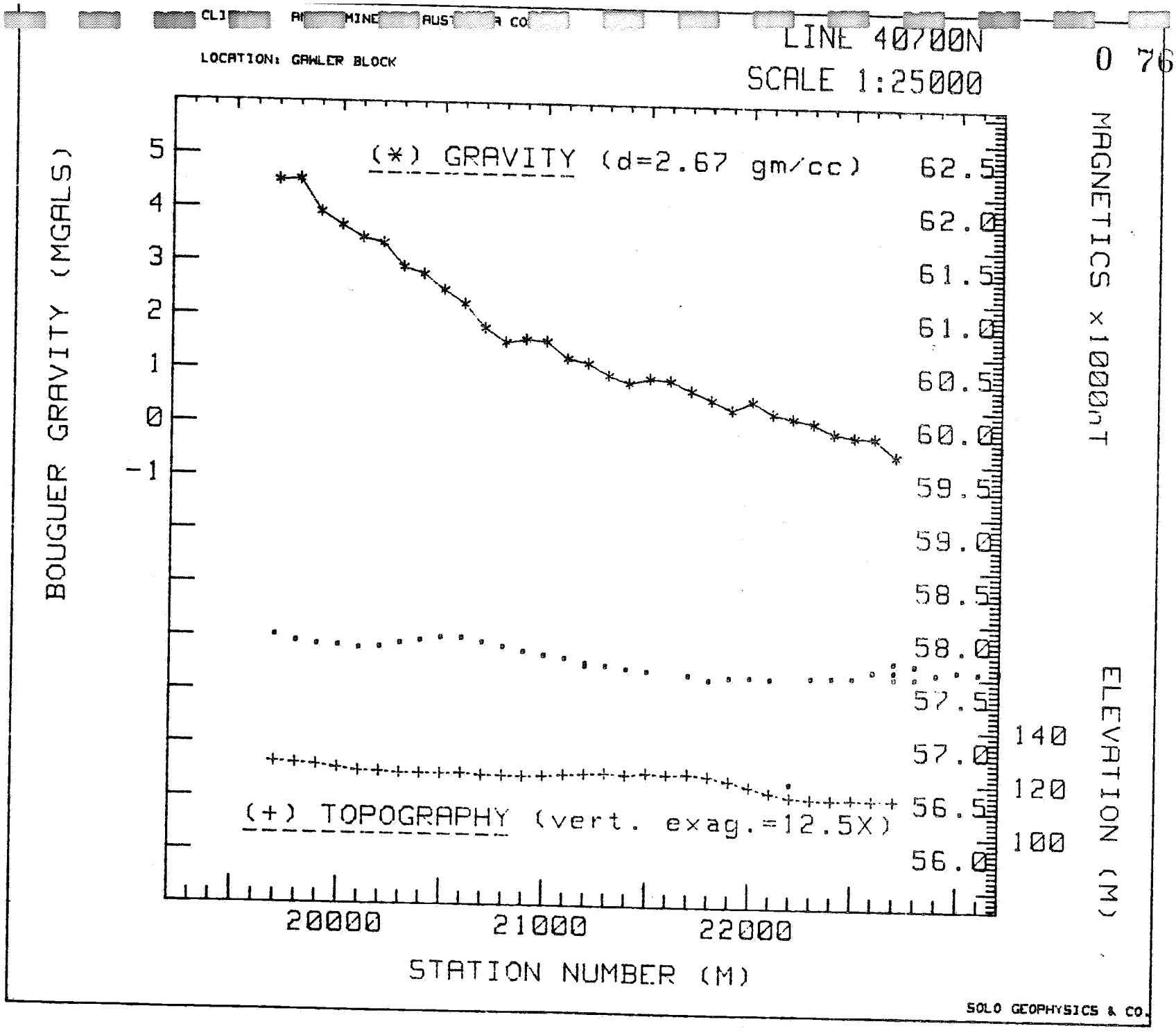
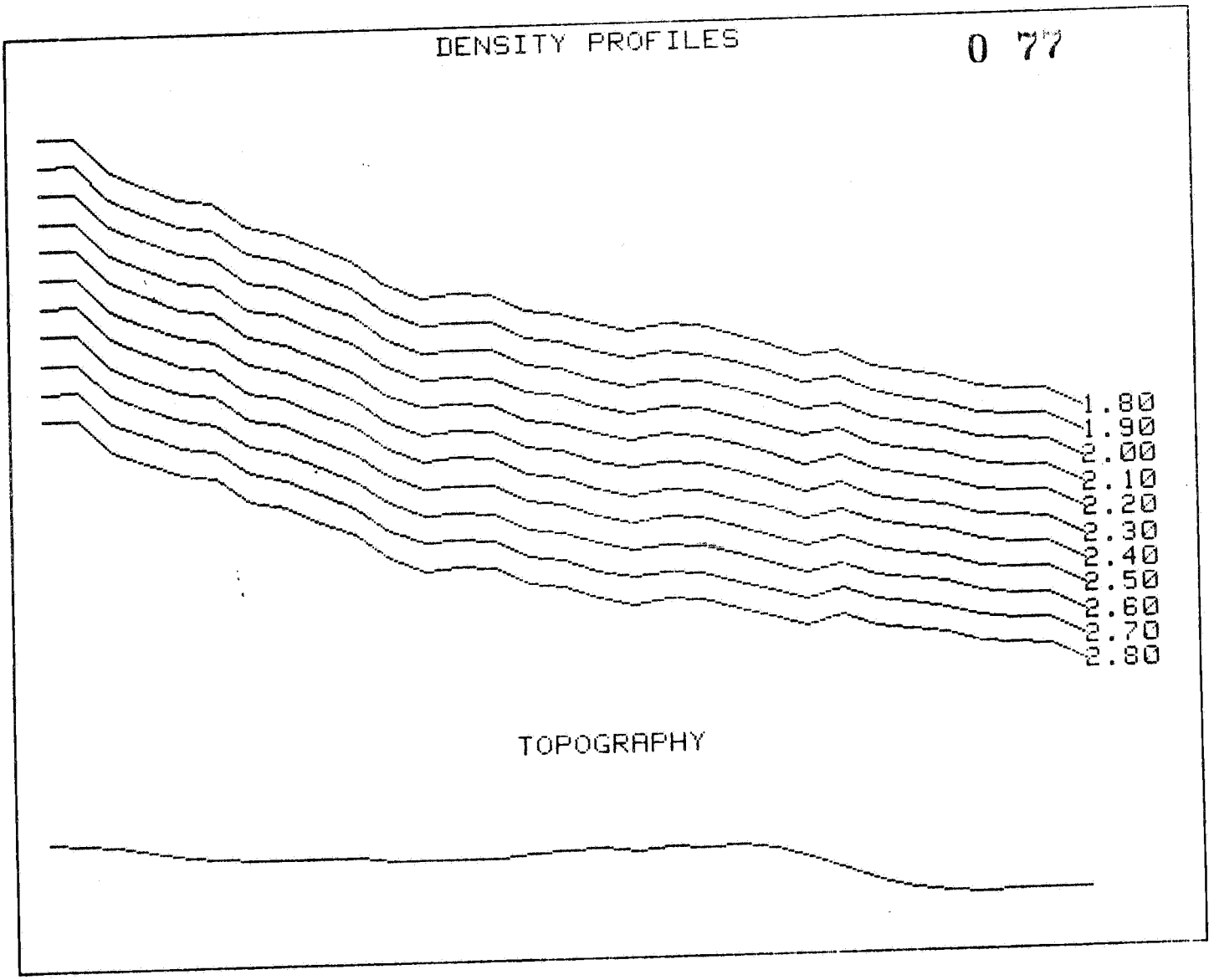
0 75

row #		STATION NUMBER	READING nTELSAS		Loop #
1		19600	58317		13
2		19700	58336		13
3		19800	58405		13
4		19900	58506		13
5		20000	58604		13
6		20100	58703		13
7		20200	58841		13
8		20300	58970		13
9		20400	59113		13
10		20500	59267		13
11		20600	59407		13
12		20700	59532		13
13		20800	59569		13
14		20900	59583		13
15		21000	59513		13
16		21100	59467		13
17		21200	59403		11
18	RPT	21200	59381	*	9
19		21300	59316		11
20		21400	59219		11
21		21500	59132		11
22		21600	59032		11
23		21700	58887		11
24		21800	58743		11
25		21900	58593		11
26		22000	58150		11
27		22100	58328		11
28		22200	58199		11
29		22300	58096		11
30		22400	58000		11
31		22500	57930		11
32		22600	57874		11
33		22700	57830		11
34		22800	57805		11


LOCATION: GAWLER BLOCK
LINE 40700N
SCALE 1:25000
0 76
(*) GRAVITY (d=2.67 gm/cc)
(+) TOPOGRAPHY (vert. exag.=12.5X)
BOUGUER GRAVITY (MGALS)
MAGNETICS x1000nT
ELEVATION (M)
STATION NUMBER (M)
20000
21000
22000
5
4
3
2
1
0
-1
62.5
62.0
61.5
61.0
60.5
60.0
59.5
59.0
58.5
58.0
57.5
57.0
56.5
56.0
140
120
100
SOLO GEOPHYSICS & CO.

GRAVITY DENSITY ANALYSIS

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
LINE 40700



****
*** LINE L40700 ***
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row #		STATION NUMBER	ELEVATION (meters)	BOUGUER GRAVITY ANOMALY (mgals)	Loop #
1		19700	124.74	4.51	8
2		19800	124.26	4.53	8
3		19900	123.75	3.92	8
4		20000	122.75	3.67	8
5		20100	121.67	3.44	8
6		20200	121.50	3.35	8
7		20300	120.95	2.91	8
8		20400	120.93	2.78	8
9		20500	120.95	2.49	8
10		20600	121.19	2.23	8
11		20700	120.49	1.79	8
12		20800	120.47	1.53	8
13		20900	120.31	1.59	8
14		21000	120.48	1.56	8
15		21100	120.98	1.24	8
16		21200	121.35	1.16	7
17		21300	121.63	.94	8
18		21400	121.13	.80	8
19		21500	121.88	.89	8
20		21600	121.33	.86	8
21		21700	121.75	.68	8
22		21800	120.94	.51	8
23		21900	119.32	.32	8
24		22000	117.26	.49	8
25		22100	115.11	.27	8
26		22200	113.61	.18	8
27		22300	112.98	.10	8
28		22400	112.80	-.08	8
29		22500	113.12	-.15	8
30		22600	112.97	-.16	8
31		22700	113.02	-.49	8
32	RPT	22700	113.02	-.49 *	8

0 78

BOUGUER DENSITIES FOR p= 1.8 TO 2.8 gms/c.c. LINE 40700 79

ROW No.	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
1	9.06	8.53	8.01	7.49	6.96	6.44	5.92	5.40	4.87	4.35
2	9.06	8.54	8.02	7.49	6.97	6.45	5.93	5.41	4.89	4.37
3	8.44	7.92	7.40	6.88	6.36	5.84	5.32	4.80	4.29	3.77
4	8.15	7.63	7.12	6.61	6.09	5.58	5.06	4.55	4.03	3.52
5	7.88	7.37	6.86	6.35	5.84	5.33	4.82	4.31	3.80	3.29
6	7.78	7.27	6.76	6.25	5.75	5.24	4.73	4.22	3.71	3.20
7	7.32	6.81	6.30	5.80	5.29	4.78	4.28	3.77	3.26	2.76
8	7.19	6.68	6.17	5.67	5.16	4.65	4.15	3.64	3.13	2.63
9	6.90	6.39	5.88	5.38	4.87	4.36	3.86	3.35	2.84	2.34
10	6.65	6.14	5.63	5.13	4.62	4.11	3.60	3.09	2.59	2.08
11	6.18	5.68	5.17	4.67	4.16	3.66	3.15	2.65	2.14	1.64
12	5.92	5.42	4.91	4.41	3.90	3.40	2.89	2.39	1.88	1.38
13	5.97	5.47	4.96	4.46	3.96	3.45	2.95	2.44	1.94	1.43
14	5.95	5.44	4.94	4.43	3.93	3.42	2.92	2.41	1.91	1.40
15	5.66	5.15	4.64	4.13	3.63	3.12	2.61	2.11	1.60	1.09
16	5.59	5.08	4.57	4.06	3.55	3.04	2.53	2.03	1.52	1.01
17	5.38	4.87	4.36	3.85	3.34	2.83	2.32	1.81	1.30	.79
18	5.22	4.71	4.20	3.69	3.19	2.68	2.17	1.66	1.16	.65
19	5.34	4.83	4.32	3.81	3.29	2.78	2.27	1.76	1.25	.74
20	5.28	4.77	4.27	3.76	3.25	2.74	2.23	1.72	1.21	.71
21	5.12	4.61	4.10	3.59	3.08	2.57	2.06	1.55	1.04	.53
22	4.92	4.41	3.90	3.40	2.89	2.38	1.88	1.37	.86	.36
23	4.67	4.17	3.67	3.17	2.67	2.17	1.67	1.17	.67	.17
24	4.77	4.28	3.79	3.29	2.80	2.31	1.82	1.33	.84	.35
25	4.47	3.98	3.50	3.02	2.54	2.05	1.57	1.09	.61	.12
26	4.32	3.85	3.37	2.90	2.42	1.94	1.47	.99	.51	.04
27	4.22	3.74	3.27	2.80	2.32	1.85	1.38	.90	.43	-.04
28	4.03	3.56	3.08	2.61	2.14	1.66	1.19	.72	.25	-.23
29	3.98	3.50	3.03	2.55	2.08	1.61	1.13	.66	.18	-.29
30	3.96	3.49	3.01	2.54	2.07	1.59	1.12	.65	.17	-.30
31	3.63	3.15	2.68	2.21	1.73	1.26	.78	.31	-.16	-.64
32	3.63	3.15	2.68	2.21	1.73	1.26	.78	.31	-.16	-.64

****
*** LINE M40700 ***
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0 80

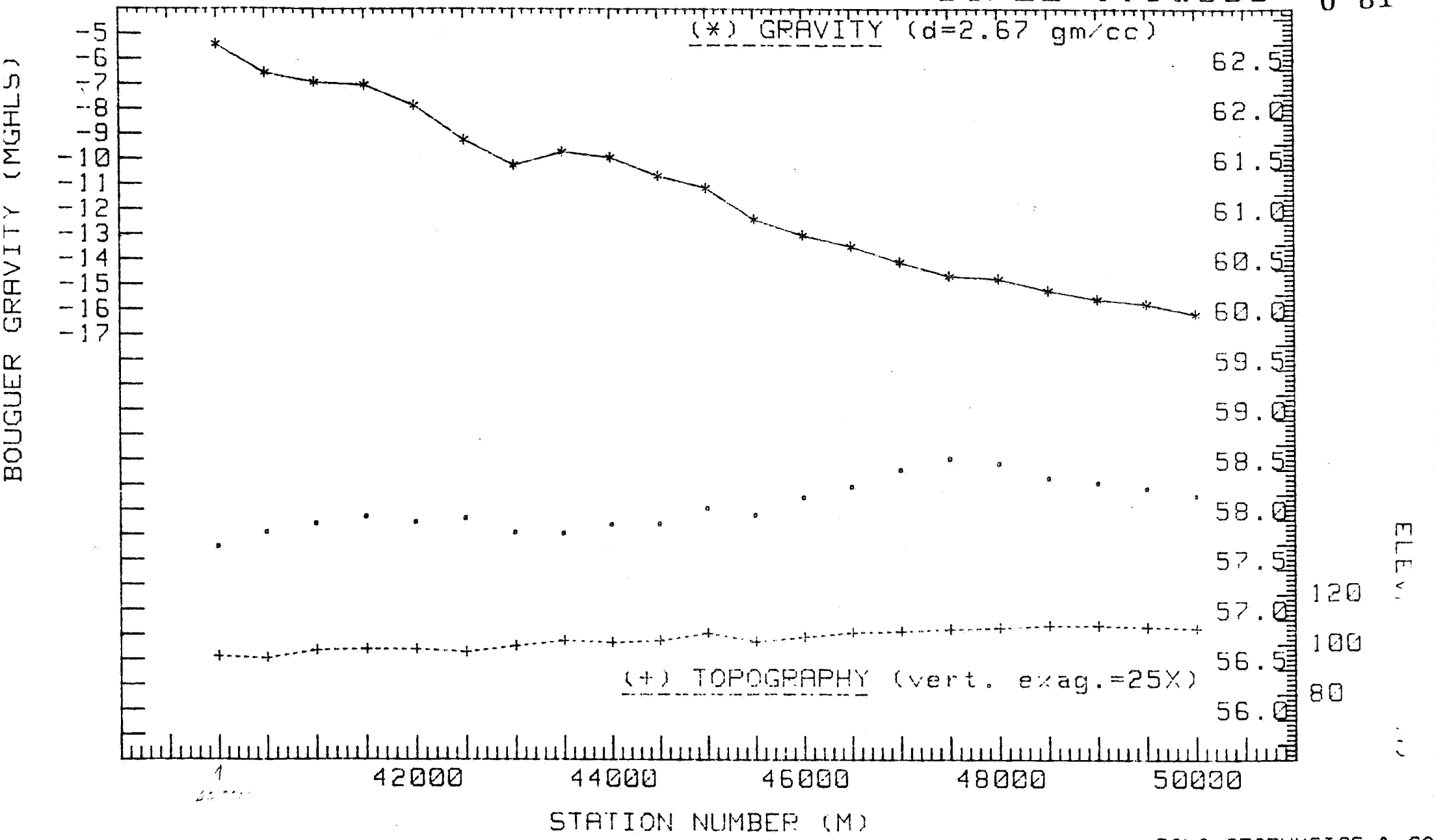
row #		STATION NUMBER	READING nTELSAS		Loop #
1		19700	58017		8
2		19800	57961		8
3		19900	57934		8
4		20000	57930		8
5		20100	57904		8
6		20200	57917		8
7		20300	57954		8
8		20400	57981		8
9		20500	58008		8
10		20600	58008		8
11		20700	57966		8
12		20800	57929		8
13		20900	57887		8
14		21000	57853		8
15		21100	57830		8
16		21200	57759		7
17	RPT	21200	57787	*	8
18		21300	57762		8
19		21400	57735		8
20		21500	57714		8
21		21700	57684		8
22		21800	57640		8
23		21900	57666		8
24		22000	57670		8
25		22100	57660		8
26		22200	56675		8
27		22300	57675		8
28		22400	57681		8
29		22500	57681		8
30		22600	57740		8
31		22700	57681		8
32		29600	57701		8

CLIENT: AMOCO AUSTRALIA COMPANY

LOCATION: GAWLER BLOCK

BASELINE 35000E
SCALE 1:50000

0 81

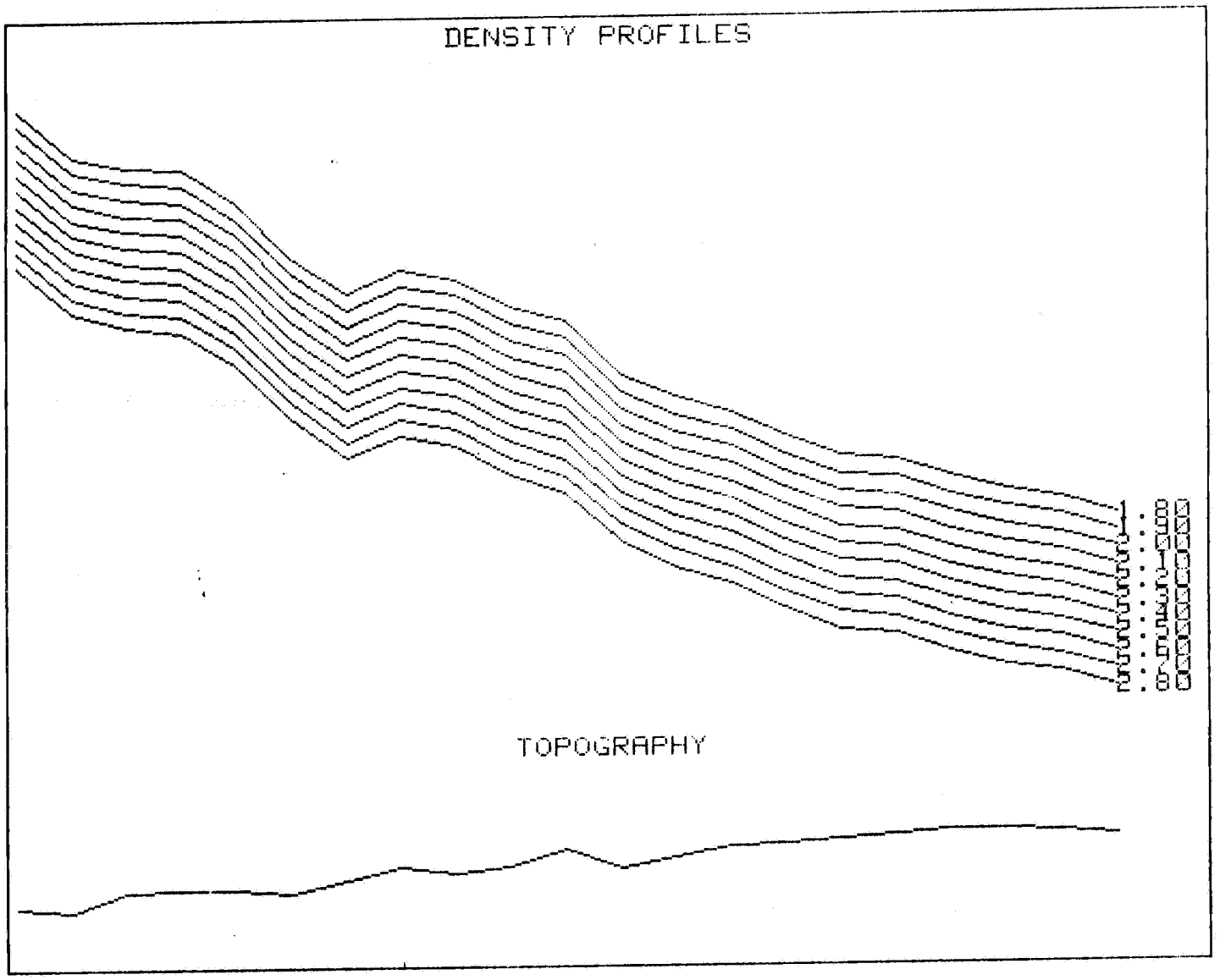


SOLO GEOPHYSICS & CO

GRAVITY DENSITY ANALYSIS

0 82

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
BASELINE 35000



****
*** LINE B35000 ***
****

row #	STATION NUMBER	ELEVATION (meters)	BOUGUER GRAVITY ANOMALY (mgals)	Loop #
1	40000	94.16	-5.42	14
2	40500	93.53	-6.57	14
3	41000	96.72	-6.93	14
4	41500	97.15	-7.04	14
5	42000	97.16	-7.86	14
6	42500	96.10	-9.23	14
7	43000	98.44	-10.24	14
8	43500	100.57	-9.71	14
9	44000	99.73	-9.94	14
10	44500	100.58	-10.67	14
11	45000	103.56	-11.14	14
12	45500	100.17	-12.40	14
13	46000	102.07	-13.03	14
14	46500	103.80	-13.48	14
15	47000	104.23	-14.10	14
16	47500	105.08	-14.66	14
17	48000	105.73	-14.77	14
18	48500	106.58	-15.24	14
19	49000	106.60	-15.59	14
20	49500	105.98	-15.78	14
21	50000	105.56	-16.17	14

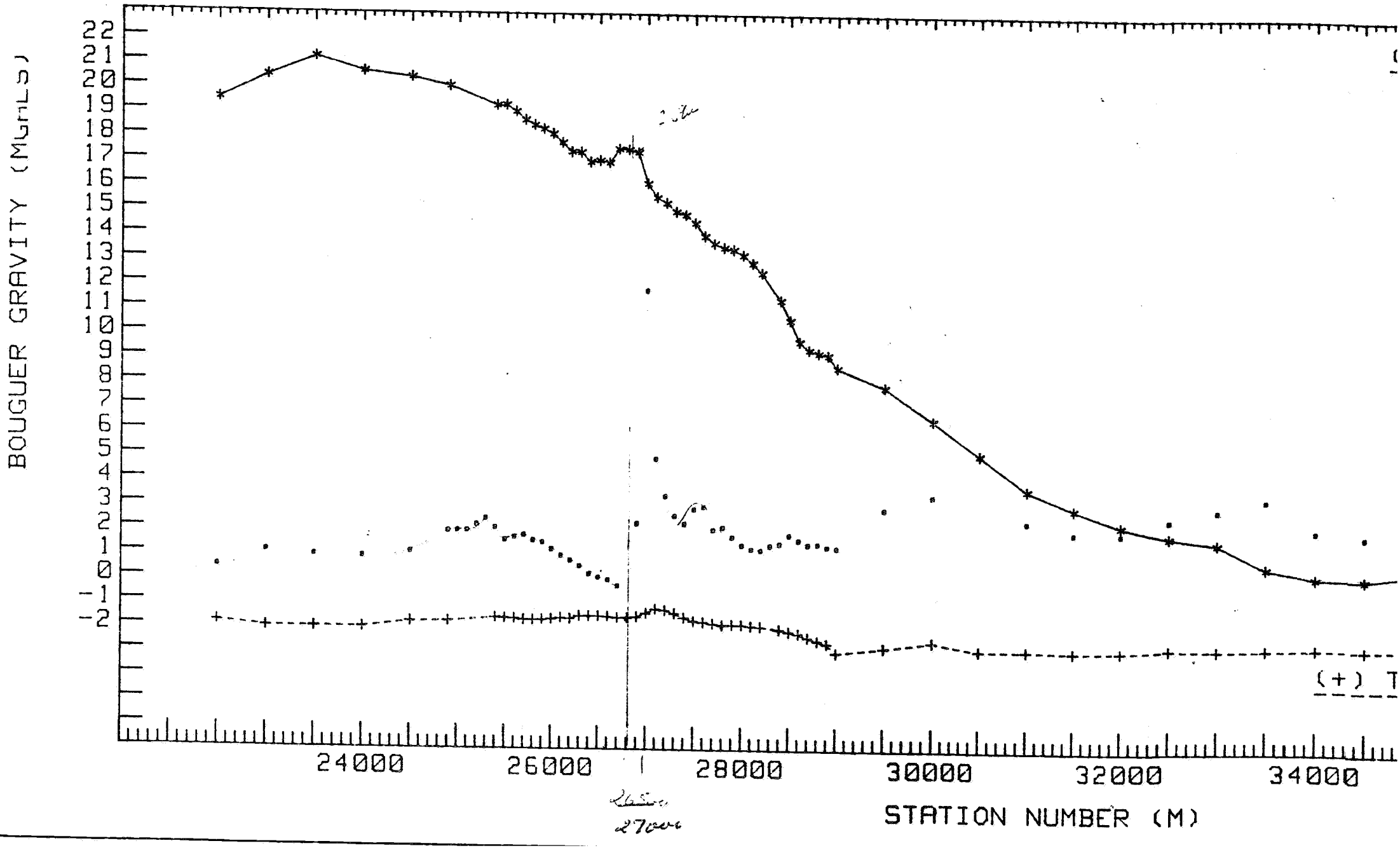
BOUGUER DENSITIES FOR p= 1.8 TO 2.8 gms/c.c. LINE 35000

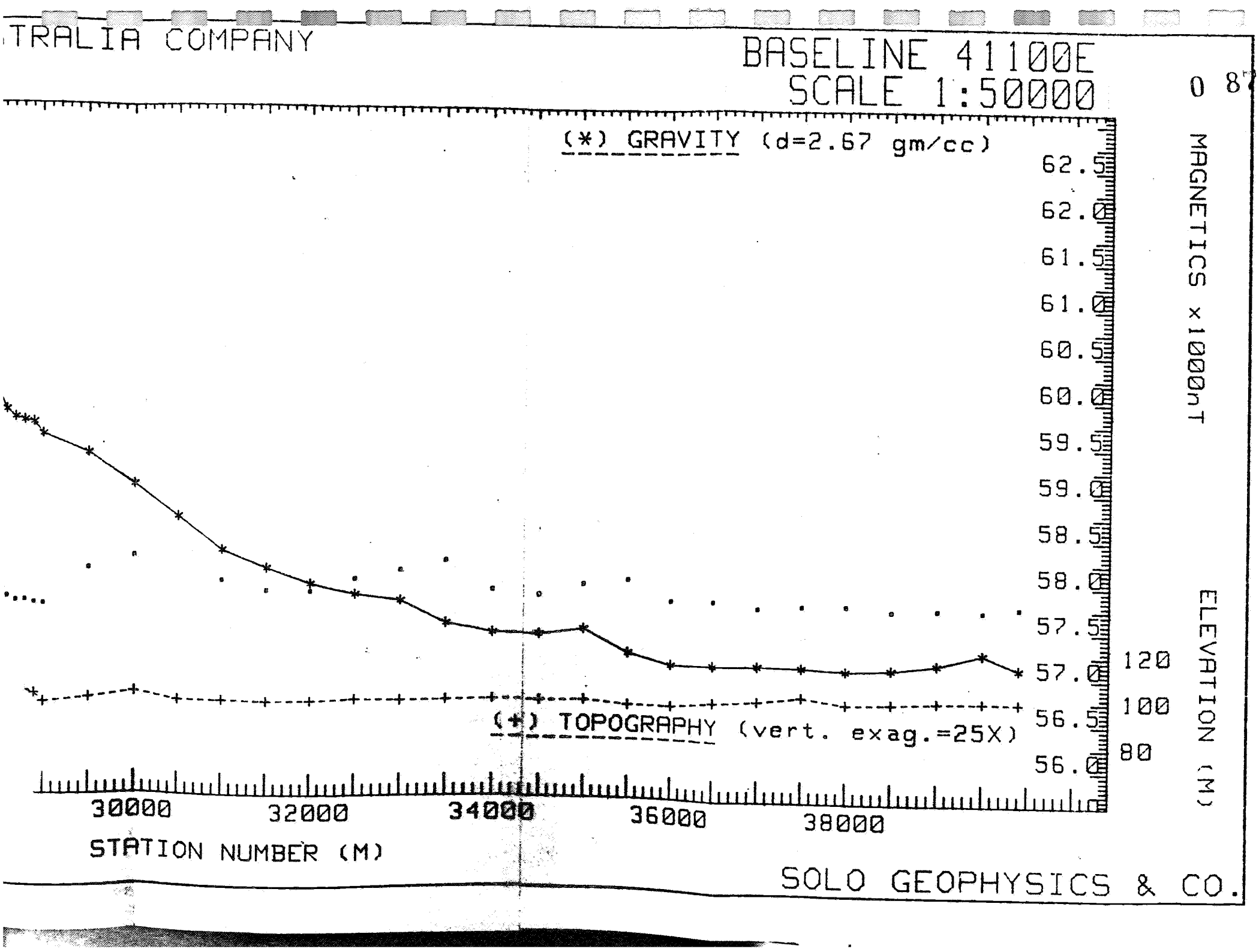
ROW No.	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
1	-1.98	-2.38	-2.77	-3.17	-3.56	-3.96	-4.35	-4.75	-5.14	-5.54
2	-3.16	-3.55	-3.94	-4.33	-4.73	-5.12	-5.51	-5.90	-6.29	-6.69
3	-3.41	-3.81	-4.22	-4.62	-5.03	-5.44	-5.84	-6.25	-6.65	-7.06
4	-3.50	-3.90	-4.31	-4.72	-5.13	-5.53	-5.94	-6.35	-6.75	-7.16
5	-4.31	-4.72	-5.13	-5.53	-5.94	-6.35	-6.76	-7.16	-7.57	-7.98
6	-5.72	-6.12	-6.53	-6.93	-7.33	-7.74	-8.14	-8.54	-8.94	-9.35
7	-6.65	-7.06	-7.48	-7.89	-8.30	-8.71	-9.13	-9.54	-9.95	-10.37
8	-6.04	-6.46	-6.88	-7.31	-7.73	-8.15	-8.57	-8.99	-9.41	-9.84
9	-6.30	-6.72	-7.14	-7.56	-7.97	-8.39	-8.81	-9.23	-9.65	-10.06
10	-7.00	-7.43	-7.85	-8.27	-8.69	-9.11	-9.53	-9.96	-10.38	-10.80
11	-7.37	-7.80	-8.24	-8.67	-9.10	-9.54	-9.97	-10.41	-10.84	-11.27
12	-8.75	-9.17	-9.58	-10.00	-10.42	-10.84	-11.26	-11.68	-12.10	-12.52
13	-9.31	-9.74	-10.16	-10.59	-11.02	-11.45	-11.87	-12.30	-12.73	-13.16
14	-9.69	-10.13	-10.56	-11.00	-11.43	-11.87	-12.30	-12.74	-13.17	-13.61
15	-10.30	-10.74	-11.18	-11.61	-12.05	-12.49	-12.92	-13.36	-13.80	-14.23
16	-10.83	-11.27	-11.71	-12.15	-12.59	-13.03	-13.47	-13.91	-14.35	-14.79
17	-10.92	-11.36	-11.80	-12.25	-12.69	-13.13	-13.58	-14.02	-14.46	-14.91
18	-11.35	-11.80	-12.24	-12.69	-13.14	-13.58	-14.03	-14.48	-14.92	-15.37
19	-11.70	-12.15	-12.60	-13.04	-13.49	-13.94	-14.38	-14.83	-15.28	-15.72
20	-11.91	-12.36	-12.80	-13.24	-13.69	-14.13	-14.58	-15.02	-15.46	-15.91
21	-12.33	-12.77	-13.21	-13.65	-14.09	-14.54	-14.98	-15.42	-15.86	-16.31

****
*** LINE S35000 ***
****

row #	STATION NUMBER	READING nTELSAS	Loop #
1	40000	57640	14
2	40500	57784	14
3	41000	57869	14
4	41500	57939	14
5	42000	57884	14
6	42500	57924	14
7	43000	57782	14
8	43500	57770	14
9	44000	57859	14
10	44500	57865	14
11	45000	58023	14
12	45500	57954	14
13	46000	58135	14
14	46500	58240	14
15	47000	58411	14
16	47500	58520	14
17	48000	58472	14
18	48500	58328	14
19	49000	58277	14
20	49500	58224	14
21	50000	58150	14

CLIENT: AMOCO MINERALS AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK

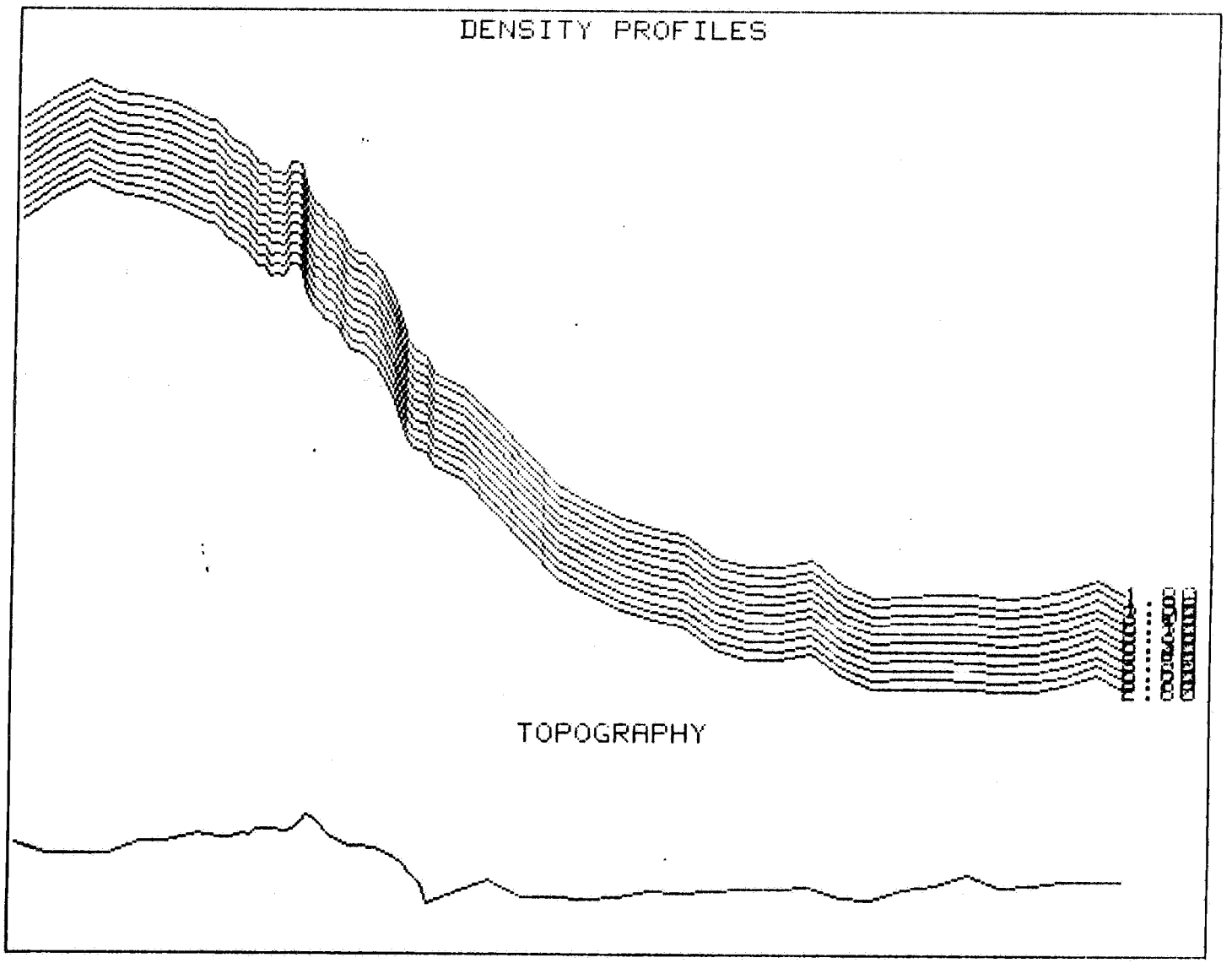



TRALIA COMPANY
BASELINE 41100E
SCALE 1:50000
0 8
(*) GRAVITY (d=2.67 gm/cc)
62.5
62.0
61.5
61.0
60.5
60.0
59.5
59.0
58.5
58.0
57.5
57.0
56.5
56.0
MAGNETICS x1000nT
120
100
80
ELEVATION (M)
(+) TOPOGRAPHY (vert. exag.=25X)
30000
32000
34000
36000
38000
STATION NUMBER (M)
SOLO GEOPHYSICS & CO.

GRAVITY DENSITY ANALYSIS

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
BASELINE 41100

AREA "C"



****
*** LINE B41100 ***
****

row #	STATION NUMBER	ELEVATION (meters)	BOUGUER GRAVITY ANOMALY (mgals)	Loop #
1	22500	105.31	19.46	17
2	23000	103.36	20.40	17
3	23500	103.35	21.17	17
4	24000	103.34	20.59	17
5	24500	105.80	20.36	17
6	24900	106.01	20.01	17
7	25400	107.45	19.24	17
8	25500	107.29	19.26	4
9	25600	107.16	18.99	4
10	25700	106.72	18.65	4
11	25800	106.66	18.44	4
12	25900	106.76	18.29	4
13	26000	107.01	18.10	4
14	26100	107.49	17.74	4
15	26200	107.23	17.38	4
16	26300	108.33	17.36	4
17	26400	108.41	16.97	4
18	26500	108.39	17.04	4
19	26600	108.17	16.95	4
20	26700	107.71	17.50	4
21	26800	107.76	17.49	4
22	26900	108.15	17.38	4
23	27000	109.66	16.12	4
24	27100	111.37	15.55	4
25	27200	110.92	15.34	4
26	27300	109.71	14.98	4
27	27400	107.88	14.86	4
28	27500	106.53	14.53	4
29	27600	106.14	13.99	4
30	27700	105.59	13.70	4
31	27800	105.07	13.53	4
32	27900	105.22	13.46	4
33	28000	105.13	13.23	4
34	28100	104.77	12.91	4
35	28200	104.56	12.51	4
36	28400	103.43	11.41	4
37	28500	102.57	10.60	4
38	28600	101.78	9.73	4
39	28700	100.23	9.39	4
40	28800	98.94	9.26	4
41	28900	97.78	9.19	4
42	29000	94.10	8.67	15
43	29500	96.22	7.89	15
44	30000	98.63	6.54	15
45	30500	95.35	5.16	15
46	31000	95.35	3.72	15
47	31500	94.89	2.95	15
48	32000	95.27	2.28	15
49	32500	96.26	1.84	15
50	33000	96.00	1.57	15
51	33500	96.38	.58	15
52	34000	96.76	.19	15
53	34500	96.71	.15	15
54	35000	97.10	.42	15
55	35500	95.14	-.61	15
56	36000	94.90	-1.10	15
57	36500	96.90	-1.09	15
58	37000	97.77	-1.08	15
59	37500	99.86	-1.12	15
60	38000	97.10	-1.23	15

61	38500	97.54	-1.15	15	
62	39000	98.35	-.92	15	
63	39500	98.65	-.43	15	
64	39900	98.45	-1.07	15	0 90

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BOUGUER DENSITIES FOR p= 1.8 TO 2.8 gms/c.c. LINE 41100

0 91

ROW No.	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
1	23.30	22.85	22.41	21.97	21.53	21.09	20.65	20.21	19.77	19.32
2	24.17	23.74	23.30	22.87	22.44	22.00	21.57	21.14	20.70	20.27
3	24.94	24.50	24.07	23.64	23.20	22.77	22.34	21.90	21.47	21.04
4	24.35	23.92	23.49	23.06	22.62	22.19	21.76	21.32	20.89	20.46
5	24.21	23.77	23.33	22.88	22.44	22.00	21.55	21.11	20.67	20.22
6	23.88	23.44	22.99	22.55	22.10	21.66	21.21	20.77	20.33	19.88
7	23.16	22.71	22.26	21.81	21.36	20.91	20.46	20.01	19.56	19.10
8	23.17	22.72	22.27	21.83	21.38	20.93	20.48	20.03	19.58	19.13
9	22.90	22.45	22.00	21.55	21.10	20.66	20.21	19.76	19.31	18.86
10	22.55	22.10	21.65	21.20	20.76	20.31	19.86	19.41	18.97	18.52
11	22.33	21.88	21.44	20.99	20.54	20.10	19.65	19.20	18.76	18.31
12	22.19	21.74	21.29	20.84	20.40	19.95	19.50	19.05	18.61	18.16
13	22.00	21.55	21.11	20.66	20.21	19.76	19.31	18.86	18.41	17.97
14	21.66	21.21	20.76	20.31	19.86	19.41	18.96	18.51	18.06	17.61
15	21.29	20.84	20.39	19.94	19.49	19.04	18.59	18.14	17.69	17.24
16	21.31	20.86	20.40	19.95	19.50	19.04	18.59	18.13	17.68	17.23
17	20.92	20.47	20.01	19.56	19.10	18.65	18.19	17.74	17.29	16.83
18	20.99	20.53	20.08	19.62	19.17	18.72	18.26	17.81	17.35	16.90
19	20.89	20.44	19.99	19.53	19.08	18.63	18.17	17.72	17.27	16.81
20	21.43	20.98	20.53	20.08	19.63	19.18	18.72	18.27	17.82	17.37
21	21.42	20.97	20.52	20.07	19.61	19.16	18.71	18.26	17.81	17.36
22	21.32	20.87	20.42	19.96	19.51	19.06	18.60	18.15	17.70	17.24
23	20.11	19.66	19.20	18.74	18.28	17.82	17.36	16.90	16.44	15.98
24	19.61	19.15	18.68	18.21	17.75	17.28	16.81	16.35	15.88	15.41
25	19.38	18.92	18.45	17.99	17.52	17.06	16.59	16.13	15.66	15.20
26	18.98	18.52	18.06	17.60	17.14	16.68	16.22	15.76	15.30	14.84
27	18.79	18.34	17.89	17.44	16.99	16.53	16.08	15.63	15.18	14.73
28	18.42	17.97	17.52	17.08	16.63	16.18	15.74	15.29	14.84	14.40
29	17.86	17.42	16.97	16.53	16.08	15.64	15.19	14.75	14.30	13.86
30	17.55	17.11	16.67	16.23	15.78	15.34	14.90	14.46	14.01	13.57
31	17.36	16.92	16.48	16.04	15.60	15.16	14.72	14.28	13.84	13.41
32	17.30	16.86	16.42	15.98	15.53	15.09	14.65	14.21	13.77	13.33
33	17.07	16.63	16.19	15.74	15.30	14.86	14.42	13.98	13.54	13.10
34	16.73	16.29	15.85	15.41	14.97	14.54	14.10	13.66	13.22	12.78
35	16.32	15.89	15.45	15.01	14.57	14.13	13.70	13.26	12.82	12.38
36	15.18	14.75	14.31	13.88	13.45	13.01	12.58	12.15	11.71	11.28
37	14.34	13.91	13.48	13.05	12.62	12.19	11.76	11.33	10.90	10.47
38	13.44	13.02	12.59	12.16	11.74	11.31	10.88	10.46	10.03	9.60
39	13.05	12.63	12.21	11.79	11.37	10.95	10.53	10.11	9.69	9.27
40	12.87	12.46	12.04	11.63	11.21	10.80	10.38	9.97	9.55	9.14
41	12.76	12.35	11.94	11.53	11.12	10.71	10.30	9.89	9.48	9.07
42	12.10	11.71	11.31	10.92	10.52	10.13	9.73	9.34	8.94	8.55
43	11.40	11.00	10.59	10.19	9.79	9.38	8.98	8.58	8.17	7.77
44	10.14	9.73	9.31	8.90	8.49	8.07	7.66	7.25	6.83	6.41
45	8.63	8.23	7.83	7.43	7.03	6.63	6.23	5.84	5.44	5.04
46	7.20	6.80	6.40	6.00	5.60	5.20	4.80	4.40	4.00	3.60
47	6.41	6.01	5.61	5.22	4.82	4.42	4.02	3.63	3.23	2.83
48	5.75	5.35	4.96	4.56	4.16	3.76	3.36	2.96	2.56	2.16
49	5.35	4.94	4.54	4.14	3.73	3.33	2.93	2.52	2.12	1.72
50	5.07	4.66	4.26	3.86	3.46	3.05	2.65	2.25	1.85	1.45
51	4.10	3.69	3.29	2.88	2.48	2.08	1.67	1.27	.86	.46
52	3.71	3.31	2.90	2.50	2.09	1.69	1.28	.88	.47	.07
53	3.68	3.28	2.87	2.46	2.06	1.65	1.25	.84	.44	.03
54	3.96	3.55	3.15	2.74	2.33	1.93	1.52	1.11	.70	.30
55	2.86	2.47	2.07	1.67	1.27	.87	.47	.07	-.33	-.73
56	2.36	1.96	1.56	1.16	.77	.37	-.03	-.43	-.82	-1.22
57	2.45	2.04	1.63	1.23	.82	.41	.01	-.40	-.80	-1.21
58	2.48	2.07	1.66	1.25	.84	.43	.02	-.39	-.80	-1.20
59	2.52	2.10	1.68	1.26	.84	.42	.01	-.41	-.83	-1.24
60	2.31	1.91	1.50	1.09	.69	.28	-.13	-.54	-.94	-1.35

61	2.40	2.00	1.59	1.18	.77	.36	-.05	-.46	-.87	-1.27
62	2.67	2.25	1.84	1.43	1.02	.61	.19	-.22	-.63	-1.04
63	3.17	2.75	2.34	1.92	1.51	1.10	.68	.27	-.14	-.56
64	2.52	2.11	1.70	1.29	.87	.46	.05	-.37	-.78	-1.19

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0 93

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***   LINE M41100   ***
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row #		STATION NUMBER	READING nTELSAS	Loop #
1		22500	57364	17
2		23000	57524	17
3		23500	57483	17
4		24000	57470	17
5		24500	57521	17
6		24900	57734	4
7		25000	57739	4
8		25100	57738	4
9		25200	57801	4
10		25300	57863	4
11		25400	57769	4
12		25500	57643	0
13		25600	57676	4
14		25700	57696	4
15		25800	57640	4
16		25900	57622	4
17		26000	57552	4
18		26100	57485	4
19		26200	57437	4
20		26300	57381	4
21		26400	57301	4
22		26500	57268	4
23		26600	57242	4
24		26700	57180	4
25		26800	56843	4
26		26900	57817	19
27	RPT	26900	57822 *	4
28		27000	60201	19
29		27100	58484	19
30		27200	58104	19
31		27300	57901	19
32		27400	57821	19
33		27500	57971	19
34		27600	57996	19
35		27700	57761	19
36		27800	57786	19
37		27900	57688	19
38		28000	57607	19
39		28100	57566	19
40		28200	57556	19
41		28300	57605	19
42		28400	57625	19
43		28500	57712	19
44		28600	57659	19
45		28700	57616	19
46		28800	57624	19
47		28900	57595	19
48		29000	57585	15
49		29500	57981	15
50		30000	58117	15
51		31000	57857	15
52		31500	57750	15
53		32000	57745	15
54		32500	57888	15
55		33000	57988	15
56		33500	58098	15
57		34000	57780	15
58		34500	57733	15
59		35000	57857	15
60		35500	57911	15

61	36000	57680	15
62	36500	57685	15
63	37000	57623	15
64	37500	57650	15
65	38000	57658	15
66	38500	57606	15
67	39000	57624	15
68	39500	57611	15
69	39900	57651	15

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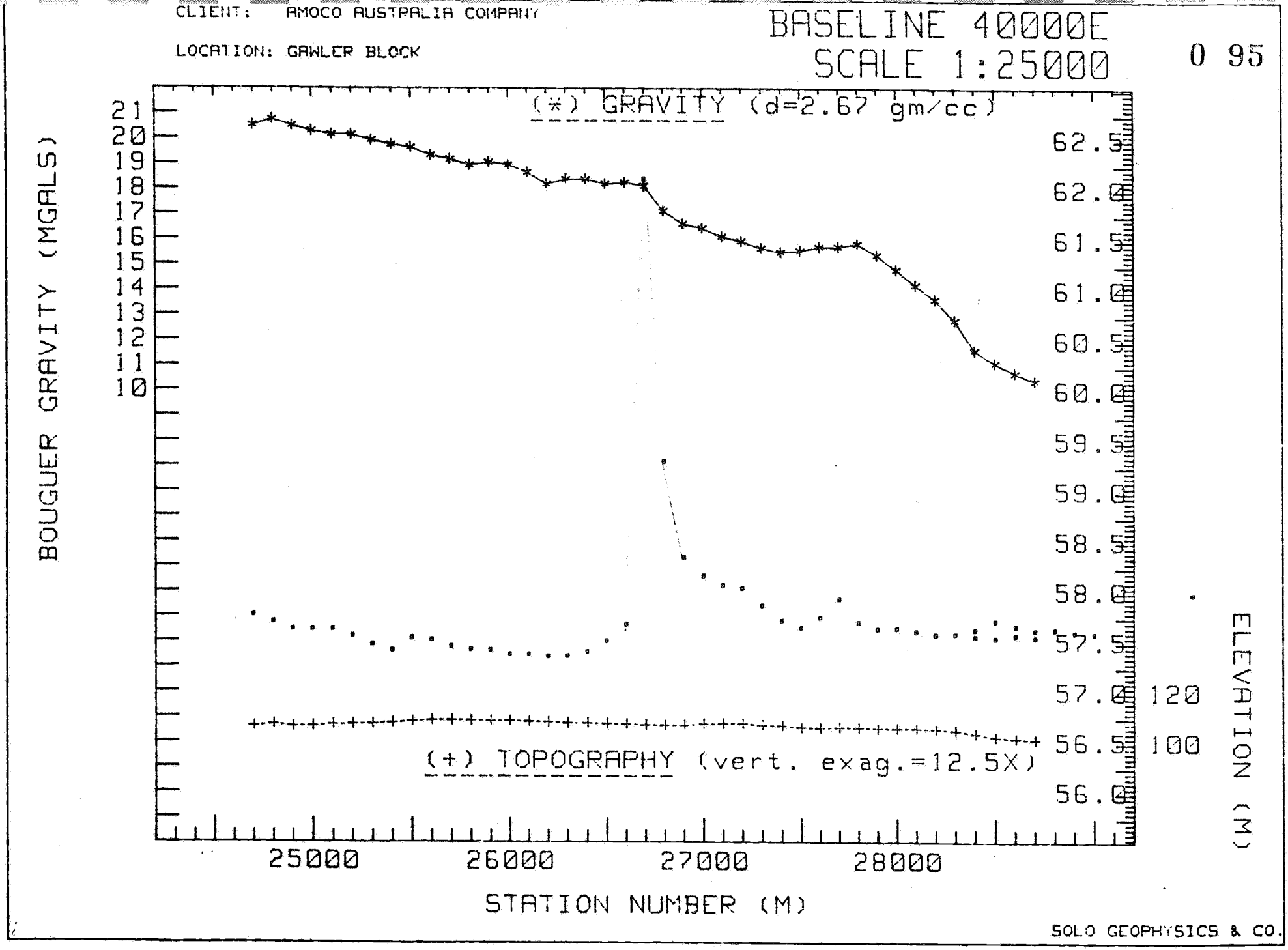
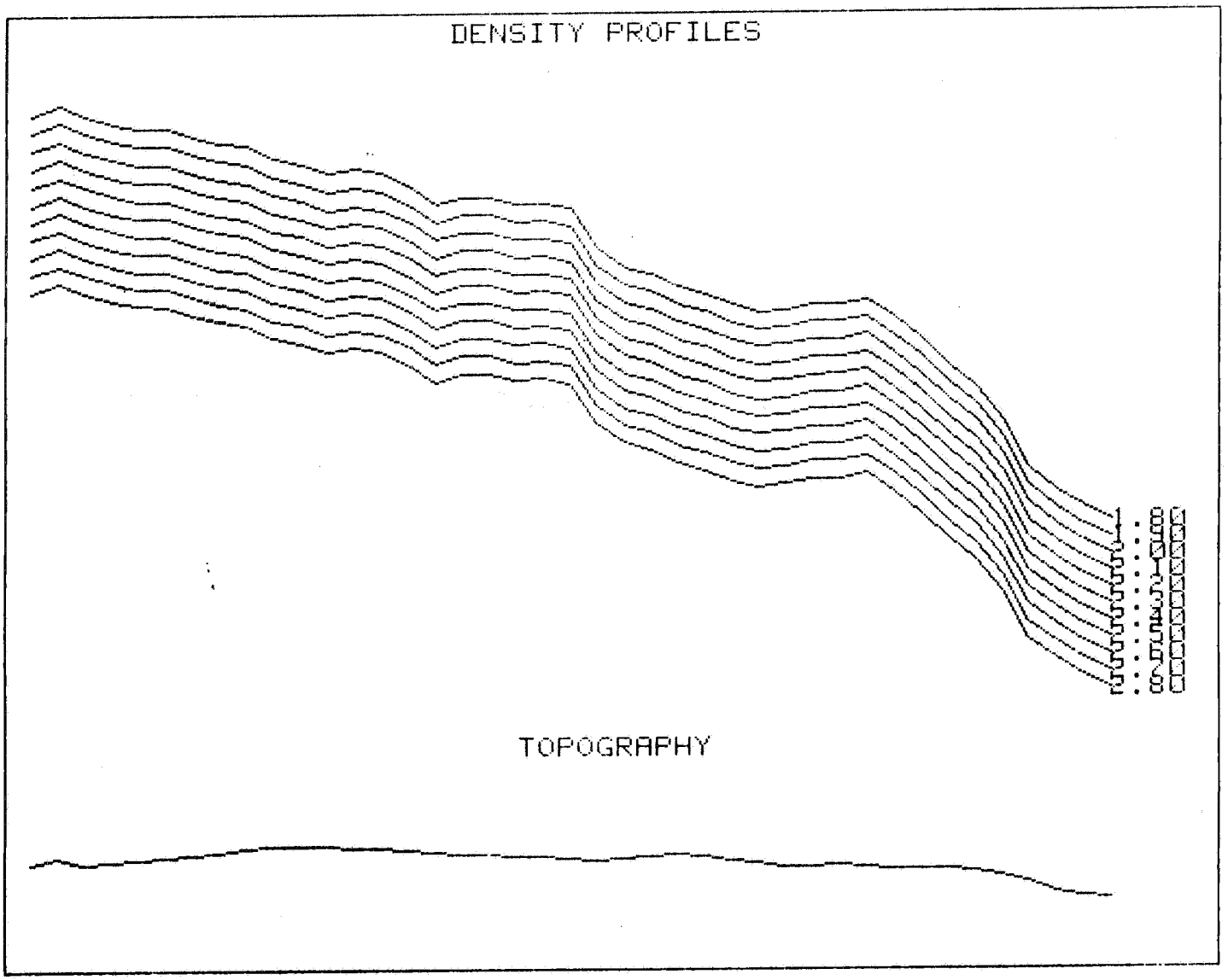

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
BASELINE 40000E
SCALE 1:25000
0 95
(*) GRAVITY (d=2.67 gm/cc)
(+) TOPOGRAPHY (vert. exag.=12.5X)
BOUGUER GRAVITY (MGALS)
21
20
19
18
17
16
15
14
13
12
11
10
62.5
62.0
61.5
61.0
60.5
60.0
59.5
59.0
58.5
58.0
57.5
57.0
56.5
56.0
120
100
ELEVATION (M)
25000
26000
27000
28000
STATION NUMBER (M)
SOLO GEOPHYSICS & CO.

GRAVITY DENSITY ANALYSIS

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
BASELINE 40000

0 96



****
*** LINE B40000 ***
****

row #		STATION NUMBER	ELEVATION (meters)	BOUGUER GRAVITY ANOMALY (mgals)		Loop #
1		24700	105.99	20.50		1
2		24800	106.83	20.73		1
3		24900	106.06	20.49		1
4		25000	106.25	20.28		1
5		25100	106.66	20.14		1
6		25200	107.01	20.13		1
7		25300	107.13	19.92		1
8		25400	107.55	19.74		1
9		25500	108.10	19.63		1
10		25600	108.55	19.32		1
11		25700	108.51	19.17		1
12		25800	108.37	18.94		1
13		25900	108.13	19.05		1
14		26000	108.08	18.95		1
15		26100	107.96	18.65		1
16		26200	107.71	18.18		1
17		26300	107.28	18.38		1
18		26400	107.26	18.38		1
19		26500	107.11	18.19		1
20		26600	106.91	18.24		1
21		26700	106.59	18.12		1
22	RPT	26700	106.59	18.12	*	2
23		26800	106.45	17.12		2
24		26900	106.57	16.61		2
25		27000	107.00	16.43		2
26		27100	107.18	16.09		2
27		27200	107.07	15.90		2
28		27300	106.48	15.63		2
29		27400	106.04	15.48		2
30		27500	105.53	15.54		2
31		27600	105.42	15.69		2
32		27700	105.71	15.69		2
33		27800	105.52	15.82		2
34		27900	105.24	15.36		2
35		28000	105.26	14.79		2
36		28100	105.18	14.19		2
37		28200	104.94	13.61		2
38		28300	104.36	12.79		2
39		28400	103.15	11.60		2
40		28500	101.83	11.09		2
41		28600	101.13	10.70		2
42		28700	100.73	10.38		2

BOUGUER DENSITIES FOR p= 1.8 TO 2.8 gms/c.c. LINE 40000

0 98

	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
1	24.36	23.92	23.47	23.03	22.58	22.14	21.69	21.25	20.81	20.36
2	24.62	24.18	23.73	23.28	22.83	22.38	21.94	21.49	21.04	20.59
3	24.35	23.91	23.46	23.02	22.58	22.13	21.69	21.24	20.80	20.35
4	24.15	23.71	23.26	22.81	22.37	21.92	21.48	21.03	20.59	20.14
5	24.03	23.58	23.14	22.69	22.24	21.79	21.35	20.90	20.45	20.01
6	24.03	23.58	23.14	22.69	22.24	21.79	21.34	20.89	20.44	20.00
7	23.82	23.37	22.93	22.48	22.03	21.58	21.13	20.68	20.23	19.78
8	23.66	23.21	22.76	22.31	21.86	21.41	20.96	20.51	20.06	19.61
9	23.58	23.12	22.67	22.22	21.76	21.31	20.86	20.40	19.95	19.50
10	23.28	22.82	22.37	21.91	21.46	21.00	20.55	20.09	19.64	19.18
11	23.13	22.67	22.22	21.76	21.31	20.85	20.40	19.94	19.49	19.03
12	22.89	22.43	21.98	21.53	21.07	20.62	20.16	19.71	19.25	18.80
13	22.99	22.54	22.09	21.63	21.18	20.73	20.27	19.82	19.37	18.91
14	22.89	22.44	21.98	21.53	21.08	20.63	20.17	19.72	19.27	18.81
15	22.58	22.13	21.68	21.23	20.77	20.32	19.87	19.42	18.96	18.51
16	22.11	21.66	21.21	20.76	20.31	19.85	19.40	18.95	18.50	18.05
17	22.29	21.84	21.39	20.94	20.49	20.04	19.59	19.14	18.69	18.24
18	22.29	21.84	21.39	20.94	20.49	20.04	19.59	19.14	18.69	18.24
19	22.10	21.65	21.20	20.75	20.30	19.85	19.40	18.96	18.51	18.06
20	22.14	21.69	21.24	20.80	20.35	19.90	19.45	19.00	18.56	18.11
21	22.00	21.56	21.11	20.66	20.22	19.77	19.32	18.88	18.43	17.98
22	22.00	21.56	21.11	20.66	20.22	19.77	19.32	18.88	18.43	17.98
23	21.00	20.55	20.11	19.66	19.21	18.77	18.32	17.88	17.43	16.98
24	20.49	20.04	19.60	19.15	18.70	18.26	17.81	17.36	16.92	16.47
25	20.33	19.88	19.43	18.98	18.53	18.09	17.64	17.19	16.74	16.29
26	20.00	19.55	19.10	18.65	18.21	17.76	17.31	16.86	16.41	15.96
27	19.81	19.36	18.91	18.46	18.01	17.56	17.11	16.67	16.22	15.77
28	19.51	19.06	18.62	18.17	17.73	17.28	16.83	16.39	15.94	15.49
29	19.34	18.90	18.45	18.01	17.57	17.12	16.68	16.23	15.79	15.34
30	19.39	18.95	18.51	18.06	17.62	17.18	16.74	16.29	15.85	15.41
31	19.53	19.09	18.65	18.20	17.76	17.32	16.88	16.44	16.00	15.55
32	19.54	19.10	18.66	18.21	17.77	17.33	16.89	16.44	16.00	15.56
33	19.66	19.22	18.78	18.34	17.90	17.45	17.01	16.57	16.13	15.68
34	19.20	18.76	18.32	17.88	17.44	16.99	16.55	16.11	15.67	15.23
35	18.63	18.19	17.75	17.30	16.86	16.42	15.98	15.54	15.10	14.66
36	18.02	17.58	17.14	16.70	16.26	15.82	15.38	14.94	14.50	14.05
37	17.44	17.00	16.56	16.12	15.68	15.24	14.80	14.36	13.92	13.48
38	16.59	16.16	15.72	15.28	14.84	14.41	13.97	13.53	13.09	12.66
39	15.36	14.93	14.49	14.06	13.63	13.20	12.76	12.33	11.90	11.47
40	14.80	14.37	13.94	13.52	13.09	12.66	12.24	11.81	11.38	10.96
41	14.38	13.96	13.53	13.11	12.69	12.26	11.84	11.42	10.99	10.57
42	14.06	13.64	13.21	12.79	12.37	11.95	11.52	11.10	10.68	10.26

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*** LINE M40000 ***
****

0 99

row #	STATION NUMBER	READING nTELSAS	Loop #
1	24700	57771	1
2	24800	57702	1
3	24900	57629	1
4	25000	57628	1
5	25100	57629	1
6	25200	57563	1
7	25300	57475	1
8	25400	57415	1
9	25500	57539	1
10	25600	57523	1
11	25700	57453	1
12	25800	57424	1
13	25900	57417	1
14	26000	57374	1
15	26100	57374	0
16	26200	57353	1
17	26300	57359	1
18	26400	57399	1
19	26500	57509	1
20	26600	57674	1
21	26700	62109	34
22	26800	59301	2
23	26900	58342	2
24	27000	58161	2
25	27100	58067	2
26	27200	58040	2
27	27300	57864	2
28	27400	57712	2
29	27500	57639	2
30	27600	57744	2
31	27700	57931	2
32	27800	57695	2
33	27900	57630	2
34	28000	57636	2
35	28100	57608	2
36	28200	57578	2
37	28300	57581	2
38	28400	57556	2
39	28500	57540	2
40	28600	57570	2
41	28700	57546	2

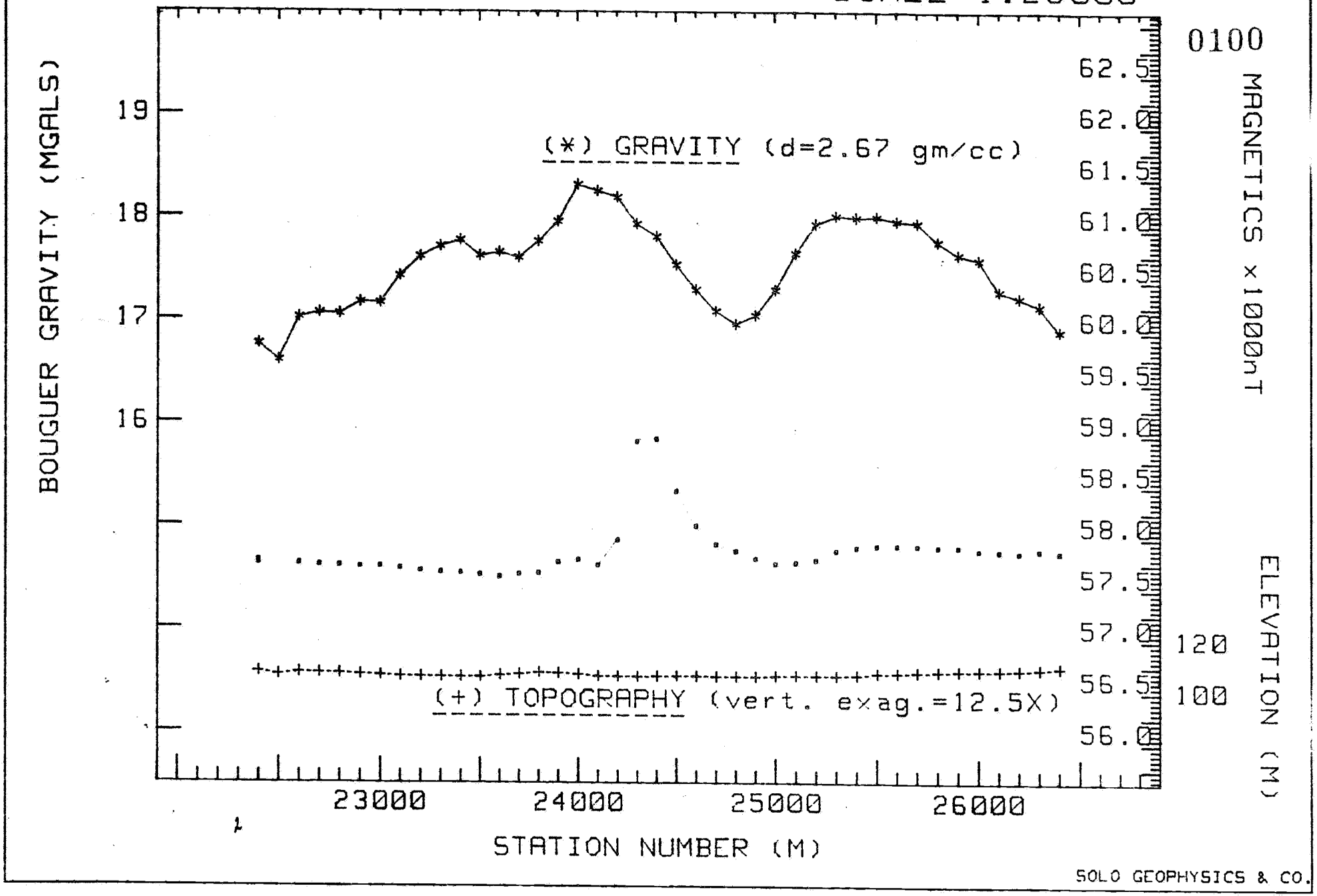
CLIENT: AMOCO MINERALS AUSTRALIA COMPANY

LOCATION: GAWLER BLOCK

BASELINE 47600E

SCALE 1:25000

47600E

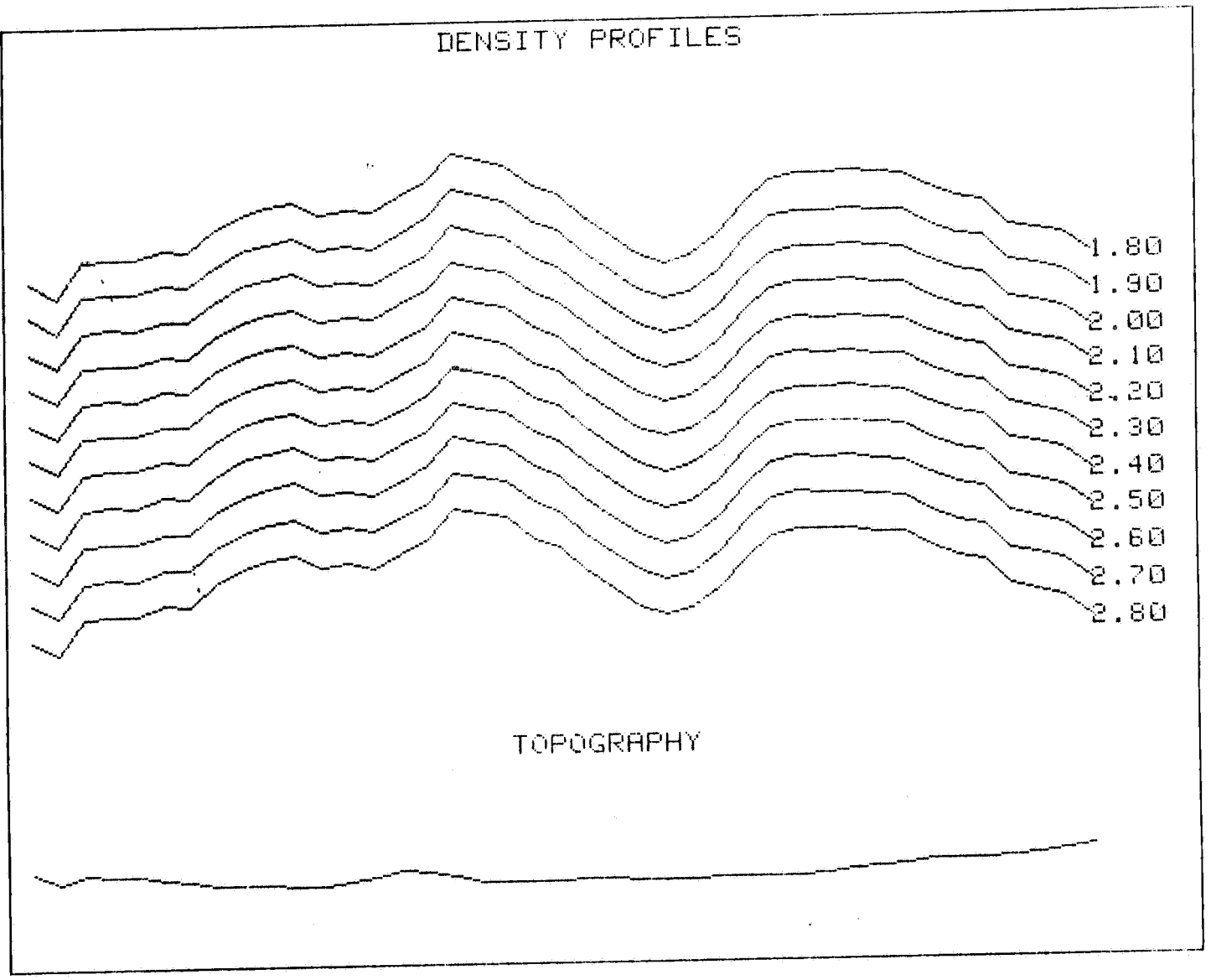


SOLO GEOPHYSICS & CO.

GRAVITY DENSITY ANALYSIS

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
BASELINE 47600

0101



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*** LINE B47600 ***
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0102

row #	STATION NUMBER	ELEVATION (meters)	BOUGUER GRAVITY ANOMALY (mgals)	Loop #
1	22400	107.00	16.76	5
2	22500	105.84	16.60	5
3	22600	106.75	17.02	5
4	22700	106.55	17.06	5
5	22800	106.46	17.05	5
6	22900	106.05	17.17	5
7	23000	105.64	17.16	5
8	23100	105.23	17.42	5
9	23200	105.18	17.61	5
10	23300	105.07	17.71	5
11	23400	105.00	17.77	5
12	23500	104.97	17.62	5
13	23600	105.54	17.65	5
14	23700	106.03	17.60	5
15	23800	106.68	17.76	5
16	23900	106.47	17.95	5
17	24000	105.99	18.31	5
18	24100	105.25	18.25	5
19	24200	105.18	18.19	5
20	24300	105.16	17.93	5
21	24400	105.24	17.81	3
22	24500	105.41	17.53	3
23	24600	105.38	17.29	3
24	24700	105.19	17.08	3
25	24800	105.13	16.96	3
26	24900	105.09	17.04	3
27	25000	105.36	17.29	3
28	25100	105.50	17.65	3
29	25200	105.52	17.93	3
30	25300	105.41	18.01	3
31	25400	105.73	17.99	3
32	25500	106.18	18.00	3
33	25600	106.58	17.96	3
34	25700	106.88	17.94	3
35	25800	107.17	17.76	3
36	25900	107.30	17.64	3
37	26000	107.40	17.59	3
38	26100	107.57	17.28	3
39	26200	107.80	17.22	3
40	26300	108.21	17.14	3
41	26400	108.76	16.89	3

BOUGUER DENSITIES FOR ρ= 1.8 TO 2.8 gms/c.c. LINE 47600

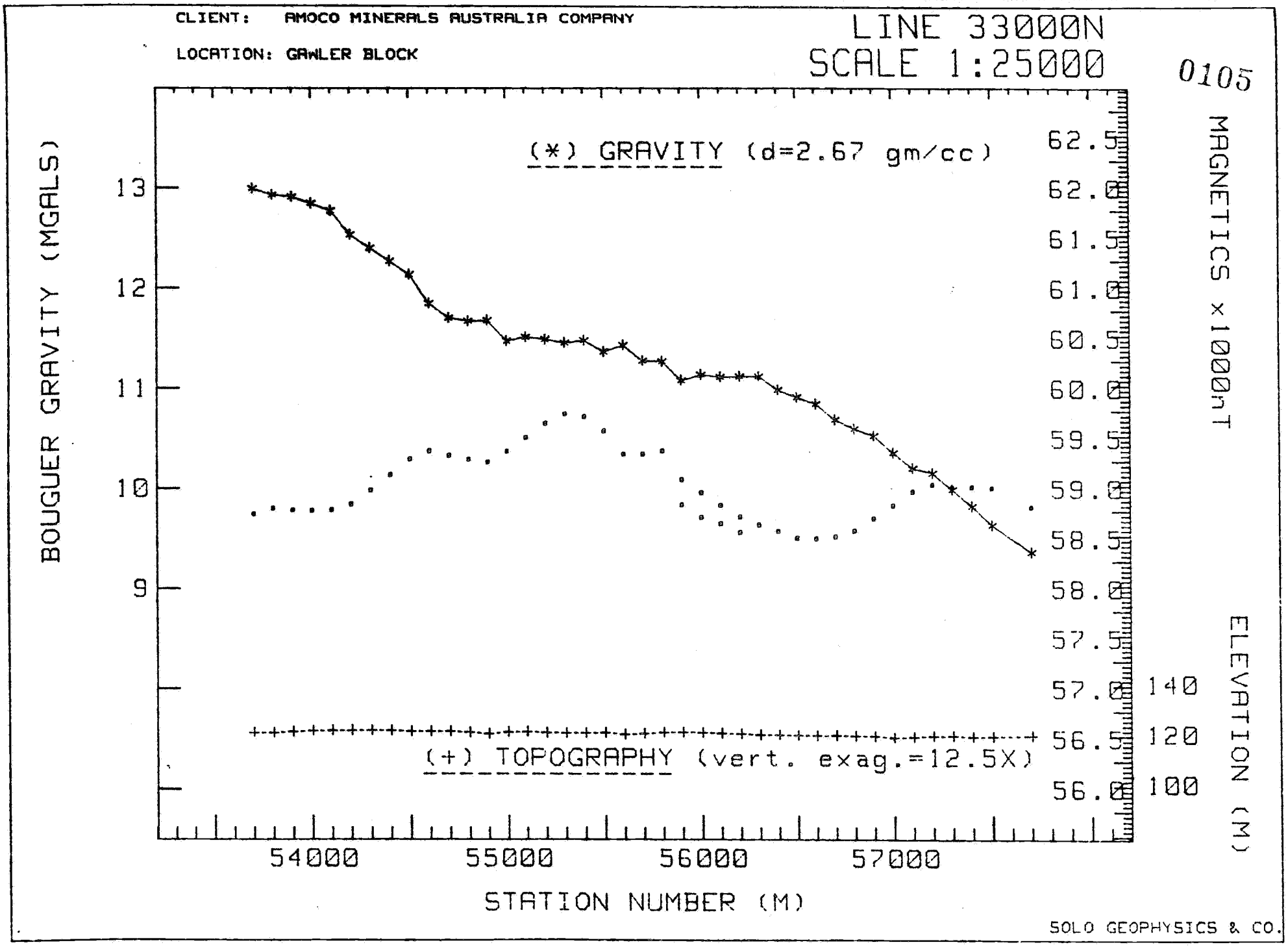
0103

ROW No.	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
1	20.66	20.21	19.76	19.31	18.87	18.42	17.97	17.52	17.07	16.62
2	20.46	20.01	19.57	19.13	18.68	18.24	17.80	17.35	16.91	16.47
3	20.91	20.46	20.02	19.57	19.12	18.67	18.23	17.78	17.33	16.88
4	20.95	20.50	20.05	19.61	19.16	18.72	18.27	17.82	17.38	16.93
5	20.93	20.49	20.04	19.59	19.15	18.70	18.26	17.81	17.36	16.92
6	21.04	20.59	20.15	19.70	19.26	18.81	18.37	17.92	17.48	17.04
7	21.01	20.57	20.13	19.69	19.24	18.80	18.36	17.91	17.47	17.03
8	21.26	20.82	20.38	19.94	19.49	19.05	18.61	18.17	17.73	17.29
9	21.45	21.01	20.56	20.12	19.68	19.24	18.80	18.36	17.92	17.48
10	21.54	21.10	20.66	20.22	19.78	19.34	18.90	18.46	18.02	17.58
11	21.60	21.16	20.72	20.28	19.84	19.40	18.96	18.52	18.08	17.64
12	21.44	21.00	20.56	20.12	19.68	19.24	18.80	18.36	17.92	17.48
13	21.50	21.06	20.61	20.17	19.73	19.29	18.85	18.40	17.96	17.52
14	21.47	21.02	20.58	20.13	19.69	19.24	18.80	18.36	17.91	17.47
15	21.65	21.20	20.75	20.31	19.86	19.41	18.97	18.52	18.07	17.63
16	21.83	21.39	20.94	20.49	20.05	19.60	19.16	18.71	18.26	17.82
17	22.17	21.73	21.29	20.84	20.40	19.95	19.51	19.07	18.62	18.18
18	22.09	21.64	21.20	20.76	20.32	19.88	19.44	19.00	18.56	18.12
19	22.02	21.58	21.14	20.70	20.26	19.82	19.38	18.94	18.50	18.06
20	21.76	21.32	20.88	20.44	20.00	19.56	19.12	18.68	18.24	17.80
21	21.65	21.21	20.76	20.32	19.88	19.44	19.00	18.56	18.12	17.68
22	21.38	20.94	20.49	20.05	19.61	19.17	18.73	18.29	17.84	17.40
23	21.14	20.69	20.25	19.81	19.37	18.93	18.49	18.04	17.60	17.16
24	20.92	20.48	20.04	19.60	19.16	18.71	18.27	17.83	17.39	16.95
25	20.79	20.35	19.91	19.47	19.03	18.59	18.15	17.71	17.27	16.83
26	20.87	20.43	19.99	19.55	19.11	18.67	18.23	17.79	17.35	16.91
27	21.13	20.69	20.25	19.81	19.37	18.92	18.48	18.04	17.60	17.16
28	21.49	21.05	20.61	20.17	19.73	19.28	18.84	18.40	17.96	17.52
29	21.78	21.33	20.89	20.45	20.01	19.57	19.12	18.68	18.24	17.80
30	21.85	21.41	20.97	20.53	20.08	19.64	19.20	18.76	18.32	17.87
31	21.85	21.40	20.96	20.52	20.08	19.63	19.19	18.75	18.30	17.86
32	21.87	21.43	20.98	20.54	20.09	19.65	19.20	18.76	18.31	17.87
33	21.85	21.40	20.95	20.51	20.06	19.61	19.17	18.72	18.27	17.83
34	21.84	21.39	20.94	20.49	20.05	19.60	19.15	18.70	18.25	17.81
35	21.67	21.22	20.77	20.32	19.87	19.42	18.97	18.53	18.08	17.63
36	21.55	21.10	20.65	20.20	19.75	19.30	18.85	18.40	17.95	17.50
37	21.50	21.05	20.60	20.15	19.70	19.25	18.80	18.35	17.90	17.45
38	21.20	20.75	20.30	19.85	19.40	18.95	18.50	18.05	17.60	17.15
39	21.15	20.70	20.24	19.79	19.34	18.89	18.44	17.99	17.53	17.08
40	21.08	20.63	20.17	19.72	19.27	18.81	18.36	17.91	17.45	17.00
41	20.86	20.40	19.95	19.49	19.04	18.58	18.12	17.67	17.21	16.76

****
*** LINE M47600 ***
****

0104

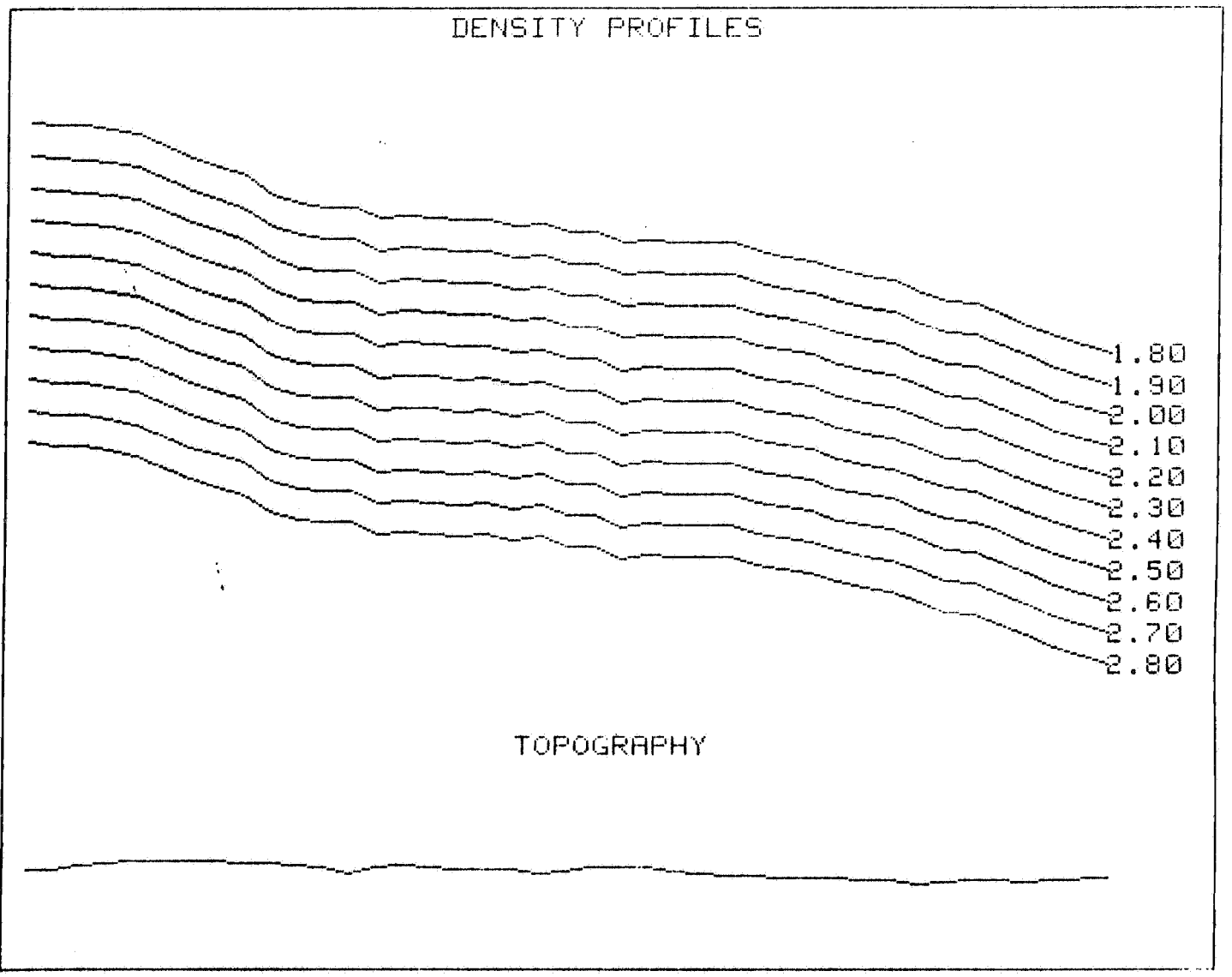
row #		STATION NUMBER	READING nTELSAS		Loop #
1		22400	57665		5
2	RPT	22400	57640	*	5
3		22600	57640		5
4		22700	57625		5
5		22800	57619		5
6		22900	57609		5
7		23000	57611		5
8		23100	57592		5
9		23200	57567		5
10		23300	57553		5
11		23400	57548		5
12		23500	57529		5
13		23600	57507		5
14		23700	57534		5
15		23800	57544		5
16		23900	57650		5
17		24000	57673		5
18		24100	57623		5
19		24200	57864		5
20		24300	58823		5
21		24400	58850		3
22	RPT	24400	58848	*	34
23		24500	58340		3
24		24600	58004		3
25		24700	57821		3
26		24800	57757		3
27		24900	57687		3
28		25000	57634		3
29		25100	57646		3
30		25200	57672		3
31		25300	57762		3
32		25400	57795		3
33		25500	57813		3
34		25600	57814		3
35		25700	57812		3
36		25800	57801		3
37		25900	57800		3
38		26000	57768		3
39		26100	57760		3
40		26200	57745		3
41		26300	57766		3
42		26400	57749		3


CLIENT: AMOCO MINERALS AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
LINE 33000N
SCALE 1:25000
0105
(*) GRAVITY (d=2.67 gm/cc)
(+) TOPOGRAPHY (vert. exag.=12.5X)
BOUGUER GRAVITY (MGALS)
13
12
11
10
9
MAGNETICS x1000nT
62.5
62.0
61.5
61.0
60.5
60.0
59.5
59.0
58.5
58.0
57.5
57.0
56.5
56.0
ELEVATION (M)
140
120
100
54000
55000
56000
57000
STATION NUMBER (M)
SOLO GEOPHYSICS & CO.

GRAVITY DENSITY ANALYSIS

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
LINE 33000

0106



****
*** LINE L33000 ***
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row #	STATION NUMBER	ELEVATION (meters)	BOUGUER GRAVITY ANOMALY (mgals)	Loop #
1	53700	120.37	12.99	35
2	53800	120.38	12.93	35
3	53900	120.82	12.91	35
4	54000	121.18	12.84	35
5	54100	121.29	12.77	35
6	54300	121.39	12.40	35
7	54400	121.32	12.27	35
8	54500	121.02	12.13	35
9	54600	121.06	11.85	35
10	54700	120.97	11.70	35
11	54800	120.60	11.67	35
12	54900	119.95	11.68	35
13	55000	120.73	11.47	35
14	55100	120.94	11.51	35
15	55200	120.56	11.49	35
16	55300	120.45	11.45	35
17	55400	120.43	11.48	35
18	55500	120.43	11.36	35
19	55600	119.82	11.43	35
20	55700	120.08	11.27	29
21	55800	120.52	11.27	33
22	55900	120.64	11.08	33
23	56000	120.55	11.13	33
24	56100	120.16	11.11	33
25	56200	119.96	11.12	33
26	56300	119.62	11.12	33
27	56400	119.50	10.98	33
28	56500	119.33	10.91	33
29	56600	119.23	10.84	33
30	56700	119.28	10.69	33
31	56800	119.17	10.60	33
32	56900	119.07	10.53	33
33	57000	118.51	10.36	33
34	57100	118.82	10.20	33
35	57200	119.09	10.16	33
36	57300	119.14	9.99	33
37	57400	118.76	9.82	33
38	57500	119.06	9.64	33
39	57700	119.27	9.37	33

BOUGUER DENSITIES FOR p= 1.8 TO 2.8 gms/c.c. LINE 33000

ROW No.	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
1	17.38	16.88	16.37	15.87	15.36	14.86	14.35	13.85	13.34	12.84
2	17.32	16.81	16.31	15.81	15.30	14.80	14.29	13.79	13.28	12.78
3	17.31	16.81	16.30	15.80	15.29	14.78	14.28	13.77	13.26	12.76
4	17.26	16.75	16.25	15.74	15.23	14.72	14.21	13.71	13.20	12.69
5	17.19	16.68	16.17	15.67	15.16	14.65	14.14	13.63	13.12	12.62
6	16.82	16.32	15.81	15.30	14.79	14.28	13.77	13.26	12.75	12.25
7	16.69	16.18	15.67	15.17	14.66	14.15	13.64	13.13	12.62	12.11
8	16.55	16.04	15.53	15.02	14.52	14.01	13.50	13.00	12.49	11.98
9	16.26	15.75	15.25	14.74	14.23	13.72	13.22	12.71	12.20	11.69
10	16.11	15.60	15.10	14.59	14.08	13.58	13.07	12.56	12.06	11.55
11	16.07	15.56	15.05	14.55	14.04	13.54	13.03	12.53	12.02	11.52
12	16.05	15.55	15.04	14.54	14.04	13.54	13.03	12.53	12.03	11.52
13	15.87	15.37	14.86	14.36	13.85	13.34	12.84	12.33	11.83	11.32
14	15.92	15.41	14.91	14.40	13.89	13.39	12.88	12.37	11.87	11.36
15	15.88	15.38	14.87	14.37	13.86	13.36	12.85	12.35	11.84	11.34
16	15.85	15.34	14.84	14.33	13.83	13.32	12.82	12.31	11.81	11.30
17	15.87	15.37	14.86	14.36	13.85	13.35	12.84	12.34	11.83	11.33
18	15.75	15.25	14.74	14.24	13.74	13.23	12.73	12.22	11.72	11.21
19	15.80	15.30	14.79	14.29	13.79	13.29	12.79	12.28	11.78	11.28
20	15.65	15.15	14.65	14.14	13.64	13.14	12.63	12.13	11.63	11.12
21	15.66	15.16	14.65	14.15	13.64	13.14	12.63	12.13	11.62	11.12
22	15.48	14.97	14.46	13.96	13.45	12.95	12.44	11.94	11.43	10.93
23	15.53	15.03	14.52	14.01	13.51	13.00	12.50	11.99	11.49	10.98
24	15.49	14.99	14.49	13.98	13.48	12.98	12.47	11.97	11.47	10.96
25	15.49	14.99	14.49	13.98	13.48	12.98	12.48	11.97	11.47	10.97
26	15.48	14.98	14.48	13.98	13.47	12.97	12.47	11.97	11.47	10.97
27	15.34	14.84	14.34	13.84	13.34	12.84	12.34	11.84	11.33	10.83
28	15.26	14.76	14.26	13.76	13.26	12.76	12.26	11.76	11.26	10.76
29	15.19	14.69	14.19	13.69	13.19	12.69	12.19	11.69	11.19	10.69
30	15.04	14.54	14.04	13.54	13.04	12.54	12.04	11.54	11.04	10.54
31	14.94	14.44	13.94	13.44	12.94	12.44	11.95	11.45	10.95	10.45
32	14.87	14.37	13.87	13.37	12.87	12.37	11.88	11.38	10.88	10.38
33	14.68	14.18	13.68	13.19	12.69	12.19	11.70	11.20	10.70	10.21
34	14.54	14.04	13.54	13.04	12.54	12.05	11.55	11.05	10.55	10.05
35	14.50	14.00	13.50	13.00	12.50	12.00	11.50	11.00	10.51	10.01
36	14.33	13.84	13.34	12.84	12.34	11.84	11.34	10.84	10.34	9.84
37	14.15	13.66	13.16	12.66	12.16	11.67	11.17	10.67	10.17	9.68
38	13.98	13.48	12.98	12.48	11.98	11.48	10.98	10.48	9.99	9.49
39	13.72	13.22	12.72	12.22	11.72	11.22	10.72	10.22	9.72	9.22

****
*** LINE M33000N ***
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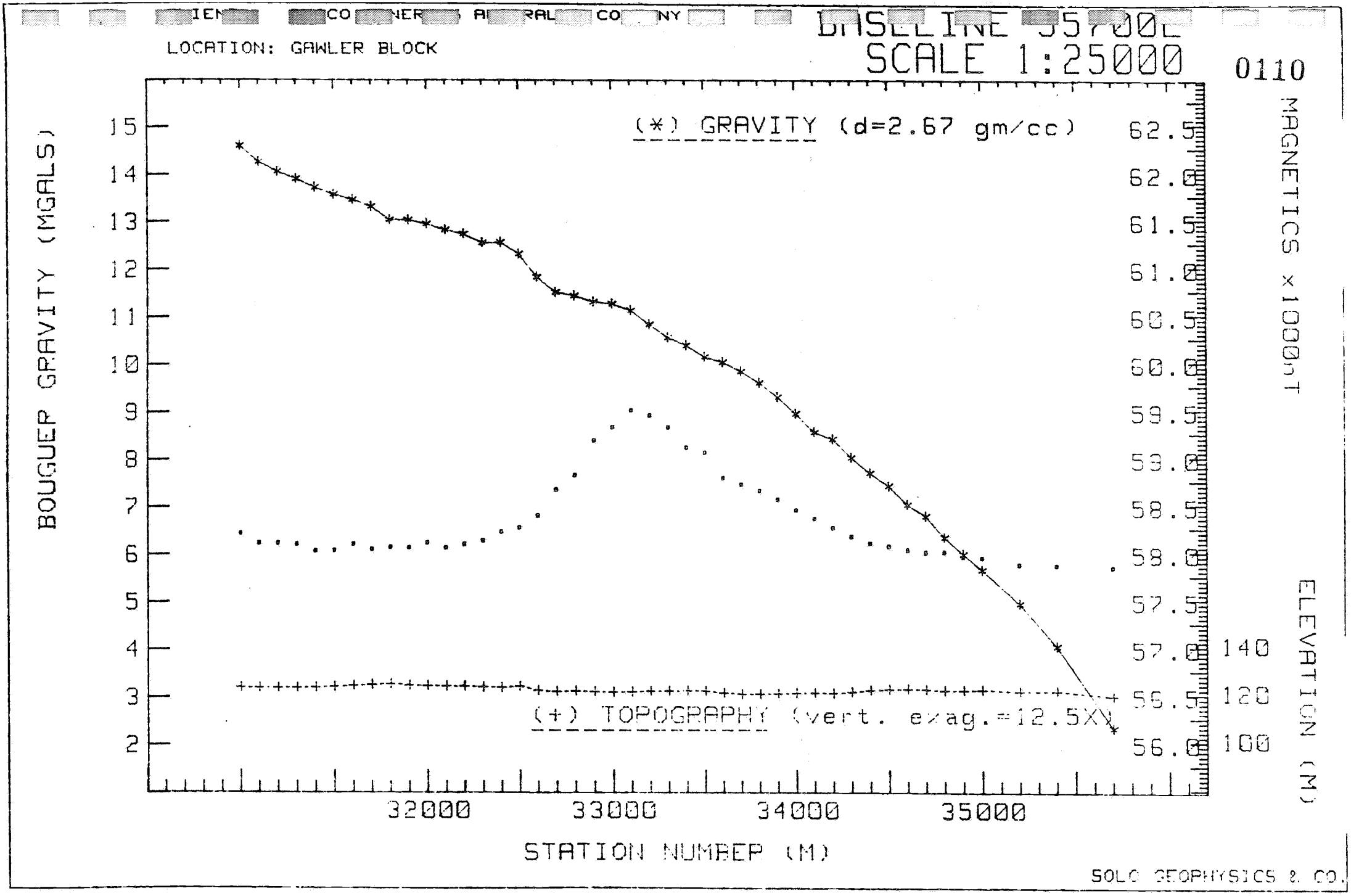
0109

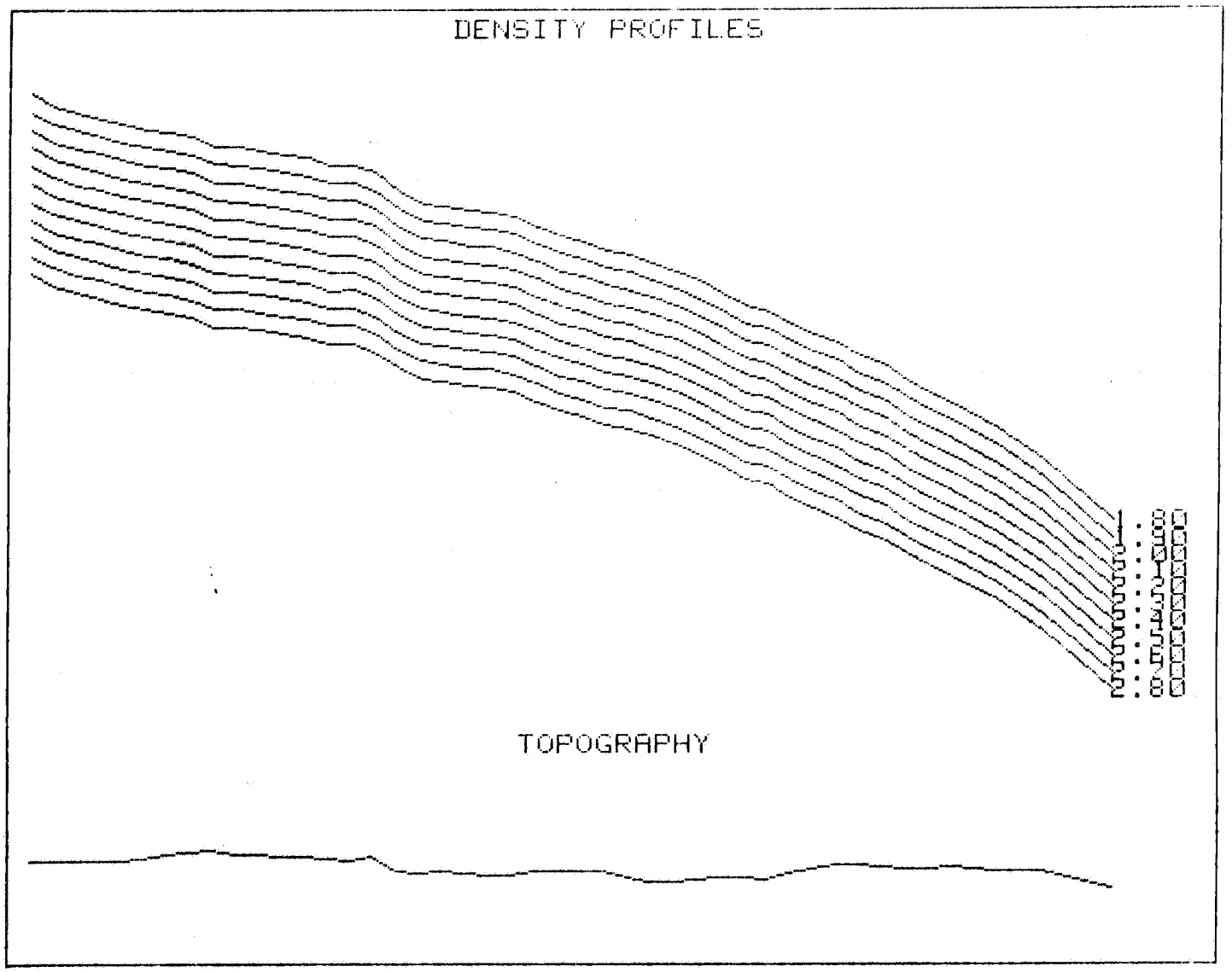
row #		STATION NUMBER	READING mTELSAS		Loop #
1		41100	57988		15
2	RPT	41100	57988	*	5
3		53700	58750		35
4		53800	58808		35
5		53900	58792		35
6		54000	58786		35
7		54100	58793		35
8		54200	58850		35
9		54300	58991		35
10		54400	59145		35
11		54500	59301		35
12		54600	59383		35
13		54700	59338		35
14		54800	59301		35
15		54900	59272		35
16		55000	59380		35
17		55100	59519		35
18		55200	59662		35
19		55300	59755		35
20		55400	59728		35
21		55500	59586		35
22		55600	59353		35
23		55700	59353		29
24		55800	59385		33
25		55900	59099		33
26		56000	58967		33
27		56100	58841		33
28		56200	58727		33
29		56300	58645		33
30		56400	58582		33
31		56500	58516		33
32		56600	58509		33
33		56700	58529		33
34		56800	58588		33
35		56900	58711		33
36		57000	58839		33
37		57100	58979		33
38		57200	59052		33
39		57300	59021		33
40		57400	59027		33
41		57500	59016		33
42		57700	58824		33


LOCATION: GAWLER BLOCK
SCALE 1:25000
0110
(*) GRAVITY (d=2.67 gm/cc)
(+) TOPOGRAPHY (vert. exag.=12.5X)
BOUGUER GRAVITY (MGALS)
MAGNETICS x1000nT
ELEVATION (M)
STATION NUMBER (M)
32000
33000
34000
35000
SOLO GEOPHYSICS & CO.

GRAVITY DENSITY ANALYSIS

0111

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK
BASELINE 55700



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*** LINE B55700 ***
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0112

row #	STATION NUMBER	ELEVATION (meters)	BOUGUER GRAVITY ANOMALY (mgals)	Loop #
1	31000	122.00	14.59	29
2	31100	121.91	14.25	29
3	31200	121.88	14.05	29
4	31300	121.98	13.90	29
5	31400	122.10	13.72	29
6	31500	122.34	13.57	29
7	31600	122.82	13.46	29
8	31700	123.22	13.32	29
9	31800	123.53	13.04	29
10	31900	122.96	13.03	29
11	32000	122.74	12.95	29
12	32100	122.62	12.83	29
13	32200	122.56	12.74	29
14	32300	122.24	12.55	29
15	32400	122.00	12.56	29
16	32500	122.61	12.32	29
17	32600	120.76	11.84	29
18	32700	120.34	11.52	29
19	32800	120.64	11.45	29
20	32900	120.33	11.32	29
21	33000	120.08	11.27	29
22	33100	120.20	11.14	31
23	33200	120.67	10.85	31
24	33300	120.67	10.57	31
25	33400	120.75	10.41	31
26	33500	120.59	10.16	31
27	33600	119.73	10.05	31
28	33700	119.29	9.86	31
29	33800	119.31	9.62	31
30	33900	119.46	9.32	31
31	34000	119.70	8.97	31
32	34100	119.84	8.58	31
33	34200	119.61	8.44	31
34	34300	120.26	8.05	31
35	34400	121.02	7.72	31
36	34500	121.37	7.45	31
37	34600	121.52	7.06	31
38	34700	121.24	6.82	31
39	34800	120.90	6.37	31
40	34900	121.01	6.02	31
41	35000	121.20	5.69	31
42	35200	120.53	4.98	31
43	35400	120.68	4.08	31
44	35700	118.52	2.36	31

BOUGUER DENSITIES FOR ρ= 1.8 TO 2.8 gms/c.c. LINE 55700

RON No.	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
1	19.04	18.53	18.02	17.51	17.00	16.49	15.97	15.46	14.95	14.44
2	18.70	18.19	17.68	17.17	16.66	16.15	15.63	15.12	14.61	14.10
3	18.50	17.99	17.48	16.97	16.46	15.94	15.43	14.92	14.41	13.90
4	18.35	17.84	17.33	16.82	16.30	15.79	15.28	14.77	14.26	13.75
5	18.17	17.66	17.15	16.64	16.13	15.61	15.10	14.59	14.08	13.57
6	18.03	17.52	17.01	16.50	15.98	15.47	14.96	14.45	13.93	13.42
7	17.94	17.43	16.91	16.40	15.88	15.37	14.85	14.34	13.82	13.31
8	17.81	17.29	16.78	16.26	15.74	15.23	14.71	14.19	13.68	13.16
9	17.54	17.02	16.51	15.99	15.47	14.95	14.43	13.92	13.40	12.88
10	17.52	17.00	16.49	15.97	15.45	14.94	14.42	13.91	13.39	12.88
11	17.43	16.91	16.40	15.88	15.37	14.85	14.34	13.82	13.31	12.80
12	17.30	16.78	16.27	15.76	15.24	14.73	14.21	13.70	13.19	12.67
13	17.21	16.69	16.18	15.66	15.15	14.64	14.12	13.61	13.10	12.58
14	17.01	16.50	15.99	15.47	14.96	14.45	13.94	13.42	12.91	12.40
15	17.01	16.50	15.99	15.48	14.97	14.46	13.94	13.43	12.92	12.41
16	16.79	16.28	15.76	15.25	14.74	14.22	13.71	13.20	12.68	12.17
17	16.24	15.74	15.23	14.72	14.22	13.71	13.21	12.70	12.19	11.69
18	15.91	15.40	14.90	14.39	13.89	13.38	12.88	12.38	11.87	11.37
19	15.85	15.34	14.84	14.33	13.82	13.32	12.81	12.31	11.80	11.30
20	15.70	15.20	14.70	14.19	13.69	13.18	12.68	12.17	11.67	11.17
21	15.65	15.15	14.65	14.14	13.64	13.14	12.63	12.13	11.63	11.12
22	15.52	15.01	14.51	14.01	13.50	13.00	12.50	11.99	11.49	10.98
23	15.25	14.74	14.23	13.73	13.22	12.72	12.21	11.71	11.20	10.69
24	14.97	14.46	13.96	13.45	12.95	12.44	11.94	11.43	10.92	10.42
25	14.81	14.30	13.80	13.29	12.78	12.28	11.77	11.27	10.76	10.25
26	14.56	14.05	13.55	13.04	12.54	12.03	11.53	11.02	10.51	10.01
27	14.42	13.91	13.41	12.91	12.41	11.91	11.41	10.90	10.40	9.90
28	14.21	13.71	13.21	12.71	12.21	11.71	11.21	10.71	10.21	9.71
29	13.97	13.47	12.97	12.47	11.97	11.47	10.97	10.47	9.97	9.47
30	13.67	13.17	12.67	12.17	11.67	11.17	10.67	10.17	9.67	9.17
31	13.34	12.84	12.33	11.83	11.33	10.83	10.33	9.83	9.32	8.82
32	12.95	12.45	11.94	11.44	10.94	10.44	9.94	9.43	8.93	8.43
33	12.80	12.30	11.80	11.30	10.79	10.29	9.79	9.29	8.79	8.29
34	12.43	11.93	11.42	10.92	10.42	9.91	9.41	8.90	8.40	7.90
35	12.13	11.63	11.12	10.61	10.11	9.60	9.09	8.58	8.08	7.57
36	11.88	11.37	10.86	10.35	9.84	9.33	8.82	8.32	7.81	7.30
37	11.49	10.98	10.47	9.96	9.45	8.94	8.43	7.92	7.42	6.91
38	11.24	10.73	10.23	9.72	9.21	8.70	8.19	7.68	7.18	6.67
39	10.78	10.27	9.77	9.26	8.75	8.25	7.74	7.23	6.73	6.22
40	10.43	9.93	9.42	8.91	8.41	7.90	7.39	6.88	6.38	5.87
41	10.11	9.60	9.09	8.59	8.08	7.57	7.06	6.56	6.05	5.54
42	9.37	8.87	8.36	7.86	7.35	6.85	6.34	5.84	5.33	4.83
43	8.48	7.98	7.47	6.96	6.46	5.95	5.45	4.94	4.44	3.93
44	6.68	6.19	5.69	5.19	4.70	4.20	3.70	3.21	2.71	2.21

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*** LINE S55700 ***
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0114

row #	STATION NUMBER	READING nTELSAS	Loop #
1	31000	58228	29
2	31100	58126	29
3	31200	58124	29
4	31300	58117	29
5	31400	58046	29
6	31500	58051	29
7	31600	58118	29
8	31700	58063	29
9	31800	58087	29
10	31900	58082	29
11	32000	58133	29
12	32100	58000	29
13	32200	58116	29
14	32300	58154	29
15	32400	58247	0
16	32500	58294	29
17	32600	58419	29
18	32700	58694	29
19	32800	58846	29
20	32900	59211	29
21	33000	59353	29
22	33100	59529	31
23	33200	59475	31
24	33300	59349	31
25	33400	59137	31
26	33500	59084	31
27	33600	58818	31
28	33700	58749	31
29	33800	58680	31
30	33900	58590	31
31	34000	58478	31
32	34100	58389	31
33	34200	58292	31
34	34300	58202	31
35	34400	58131	31
36	34500	58099	31
37	34600	58062	31
38	34700	58036	31
39	34800	58040	31
40	34900	57990	31
41	35000	57980	31
42	35200	57911	31
43	35400	57901	31
44	35700	57880	31

********** DATA REDUCTION PARAMETERS **********

CLIENT: AMOCO AUSTRALIA COMPANY
LOCATION: GAWLER BLOCK

Bouguer Reduction Density is 2.67 gm/cc

Base Line Bearing is 0 degrees EAST

0115

The Known Point of 30.5 degrees Latitude is located
at Line Number 36400 and Station Number 35000

The Base Station Observed Gravity Values are:

BASE #	OBSERVED GRAVITY (mgals)
1	979350.6
2	979380.98
3	979349.5
4	979382.57
5	979351.03
6	979345.15
7	979350.6
10	979367.01

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******** CATALOG OF RAW FIELD DATA ********

0116

LOOP# 1	AREA C	LINE 40000E	FROM 26700N TO 24700N
LOOP# 2	AREA C	LINE 40000E	FROM 28700N TO 26700N
LOOP# 3	AREA D	LINE 47600E	FORM 24400N TO 26400N
LOOP# 4	AREA C	LINE 41100E	FROM 28900N TO 24900N
LOOP# 5	AREA D	LINE 47600E	FROM 24300N TO 22400N
LOOP# 6	AREA B	LINE 41200N	FROM 21200E TO 23200E
LOOP# 7	AREA B	LINE 21200E	FROM 41200N TO 39200N
LOOP# 8	AREA B	LINE 40700N	FROM 22700E TO 19700E
LOOP# 9	AREA B	LINE 21200E	FROM 41300N TO 43200N
LOOP# 10	AREA A	LINE 54200E	FROM 19500N TO 17500N
LOOP# 11	AREA B	LINE 41700N	FROM 21200E TO 19600E
LOOP# 12	AREA A	LINE 54200N	FROM 12500E TO 15500E
LOOP# 13	AREA B	LINE 41700N	FROM 21100E TO 19600E
LOOP# 14	AREA C	LINE 35000E	FROM 40000N TO 50000N
LOOP# 15	AREA C	LINE 41100E	FROM 39900N TO 22500N
LOOP# 16	AREA B	LINE 41200N	FROM 9200E TO 21200E
LOOP# 17	AREA C	LINE 41100E	FROM 26900N TO 22500N
LOOP# 18	AREA A	LINE 53700N	FROM 15900E TO 19100E
LOOP# 20	AREA A	LINE 53200N	FROM 16100E TO 18900E
LOOP# 21	AREA A	LINE 17500E	FROM 54200N TO 56200N
LOOP# 23	AREA A	LINE 17500E	FROM 54200N TO 56200N
LOOP# 25	AREA A	LINE 54700N	FROM 17500E TO 19100E
LOOP# 27	AREA A	LINE 55200N	FROM 16100E TO 18900E
LOOP# 29	AREA E	LINE 55700E	FROM 33000N TO 31000N
LOOP# 30	BASE TIES		FROM BASE 7 (BM4743) TO BASE 6
LOOP# 31	AREA B	LINE 41200N	FROM 9200E TO 21200E
LOOP# 32	BASE TIE		FROM BASE 7 TO BASE 5
LOOP# 33	AREA E	LINE 33000N	FROM 55200E TO 57200E
LOOP# 34	BASE TIES		FROM BASE 3 TO BASE 2 TO BASE 4
LOOP# 35	AREA E	LINE 33000N	FROM 55700E TO 53700E
LOOP# 36	BASE TIE		FROM BASE 3 TO BASE 10

BASE 3 IS BM4638

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****
* SOLO *
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****
LOOP NUMBER 1
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA C LINE 40000E
FROM 26700N TO 24700N

0117

Loop Time: 1.37 Hours
Loop Drift: -.094 Mgals
Drift Rate: -.069 Mgals/Hour

Operator: G.RAU
Gravimeter: Lacoste G#037
Date: 24/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 02		2897.100	1420		979380.98			
26700	40000	2897.100	1420	0106.59	979380.98	30.58730	979383.83	18.1[illegible]
26600	40000	2897.220	1425	0106.91	979381.11	30.58820	979383.90	18.24
26500	40000	2897.200	1428	0107.11	979381.09	30.58910	979383.97	18.19
26400	40000	2897.410	1432	0107.26	979381.32	30.59000	979384.04	18.36
26300	40000	2897.470	1436	0107.28	979381.39	30.59090	979384.11	18.38
26200	40000	2897.270	1440	0107.71	979381.18	30.59180	979384.18	18.18
26100	40000	2897.730	1443	0107.96	979381.67	30.59270	979384.25	18.65
26000	40000	2898.060	1446	0108.08	979382.02	30.59360	979384.32	18.95
25900	40000	2898.210	1450	0108.13	979382.18	30.59450	979384.40	19.05
25800	40000	2898.120	1454	0108.37	979382.09	30.59540	979384.47	18.94
25700	40000	2898.380	1457	0108.51	979382.36	30.59630	979384.54	19.17
25600	40000	2898.580	1502	0108.55	979382.58	30.59720	979384.61	19.3[illegible]
25500	40000	2899.030	1503	0108.10	979383.05	30.59810	979384.68	19.6[illegible]
25400	40000	2899.300	1507	0107.55	979383.34	30.59900	979384.75	19.74
25300	40000	2899.610	1510	0107.13	979383.67	30.59990	979384.82	19.92
25200	40000	2899.900	1514	0107.01	979383.98	30.60080	979384.89	20.13
25100	40000	2900.040	1517	0106.66	979384.13	30.60170	979384.96	20.14
25000	40000	2900.310	1521	0106.25	979384.41	30.60260	979385.04	20.38
24900	40000	2900.610	1524	0106.06	979384.73	30.60350	979385.11	20.49
24800	40000	2900.760	1528	0106.83	979384.89	30.60440	979385.18	20.73
24700	40000	2900.760	1531	0105.99	979384.90	30.60530	979385.25	20.50
BASE # 02		2897.010	1542		979380.98			

****
* SOLO *
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****
LOOP NUMBER 2
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA C LINE 40000E
FROM 28700N TO 26700N

0118

Loop Time: 1.05 Hours
Loop Drift: .010 Mgals
Drift Rate: .010 Mgals/Hour

Operator: C.COLLOGAN
Gravimeter: Lacoste G#035
Date: 24/06/90

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUEF D= 2.67
BASE # 02		2873.390	1407		979380.98			
28700	40000	2865.740	1417	0100.73	979372.98	30.56930	979382.41	10.38
28600	40000	2866.030	1421	0101.13	979373.28	30.57020	979382.48	10.70
28500	40000	2866.340	1424	0101.83	979373.60	30.57110	979382.55	11.09
28400	40000	2866.650	1429	0103.15	979373.93	30.57200	979382.62	11.60
28300	40000	2867.630	1433	0104.36	979374.95	30.57290	979382.69	12.79
28200	40000	2868.380	1439	0104.94	979375.74	30.57380	979382.76	13.61
28100	40000	2868.950	1442	0105.18	979376.33	30.57470	979382.83	14.19
28000	40000	2869.580	1444	0105.26	979376.99	30.57560	979382.90	14.79
27900	40000	2870.200	1446	0105.24	979377.64	30.57650	979382.98	15.36
27800	40000	2870.650	1448	0105.52	979378.11	30.57740	979383.05	15.82
27700	40000	2870.560	1450	0105.71	979378.01	30.57830	979383.12	15.69
27600	40000	2870.680	1452	0105.42	979378.14	30.57920	979383.19	15.69
27500	40000	2870.590	1454	0105.53	979378.04	30.58010	979383.26	15.54
27400	40000	2870.500	1456	0106.04	979377.95	30.58100	979383.33	15.48
27300	40000	2870.630	1458	0106.48	979378.09	30.58190	979383.40	15.63
27200	40000	2870.850	1500	0107.07	979378.32	30.58280	979383.47	15.90
27100	40000	2871.080	1502	0107.18	979378.56	30.58370	979383.54	16.09
27000	40000	2871.500	1504	0107.00	979378.99	30.58460	979383.61	16.43
26900	40000	2871.820	1506	0106.57	979379.33	30.58550	979383.69	16.61
26800	40000	2872.400	1508	0106.45	979379.93	30.58640	979383.75	17.12
26700	40000	2873.400	1510	0106.59	979380.98	30.58730	979383.83	18.12
BASE # 02		2873.400	1510		979380.98			

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* SOLO *
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LOOP NUMBER 2
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA D LINE 47600E
FORM 24400N TO 26400N

0119

Loop Time: 1.03 Hours
Loop Drift: .063 Mgals
Drift Rate: .061 Mgals/Hour

Operator: G.RAU
Gravimeter: Lacoste G#037
Date: 25/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 04		2898.410	1155		979382.57			
24400	47600	2898.410	1155	0105.24	979382.57	30.60800	979385.46	17.61
24500	47600	2898.050	1157	0105.41	979382.19	30.60710	979385.39	17.53
24600	47600	2897.760	1200	0105.38	979381.88	30.60620	979385.32	17.20
24700	47600	2897.530	1202	0105.19	979381.64	30.60530	979385.25	17.08
24800	47600	2897.360	1206	0105.13	979381.46	30.60440	979385.18	16.96
24900	47600	2897.380	1208	0105.09	979381.48	30.60350	979385.11	17.04
25000	47600	2897.500	1210	0105.36	979381.60	30.60260	979385.04	17.29
25100	47600	2897.750	1213	0105.50	979381.86	30.60170	979384.96	17.65
25200	47600	2897.950	1216	0105.52	979382.07	30.60080	979384.89	17.93
25300	47600	2897.980	1219	0105.41	979382.10	30.59990	979384.82	18.01
25400	47600	2897.840	1221	0105.73	979381.95	30.59900	979384.75	17.93
25500	47600	2897.700	1224	0106.18	979381.80	30.59810	979384.68	18.00
25600	47600	2897.520	1226	0106.58	979381.61	30.59720	979384.61	17.96
25700	47600	2897.380	1230	0106.88	979381.46	30.59630	979384.54	17.94
25800	47600	2897.090	1233	0107.17	979381.15	30.59540	979384.47	17.76
25900	47600	2896.880	1236	0107.30	979380.93	30.59450	979384.40	17.64
26000	47600	2896.750	1239	0107.40	979380.79	30.59360	979384.32	17.59
26100	47600	2896.360	1241	0107.57	979380.38	30.59270	979384.25	17.20
26200	47600	2896.190	1243	0107.80	979380.20	30.59180	979384.18	17.22
26300	47600	2895.970	1245	0108.21	979379.96	30.59090	979384.11	17.14
26400	47600	2895.570	1248	0108.76	979379.54	30.59000	979384.04	16.89
BASE # 04		2898.470	1257		979382.57			

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* SOLO *
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LOOP NUMBER 4
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

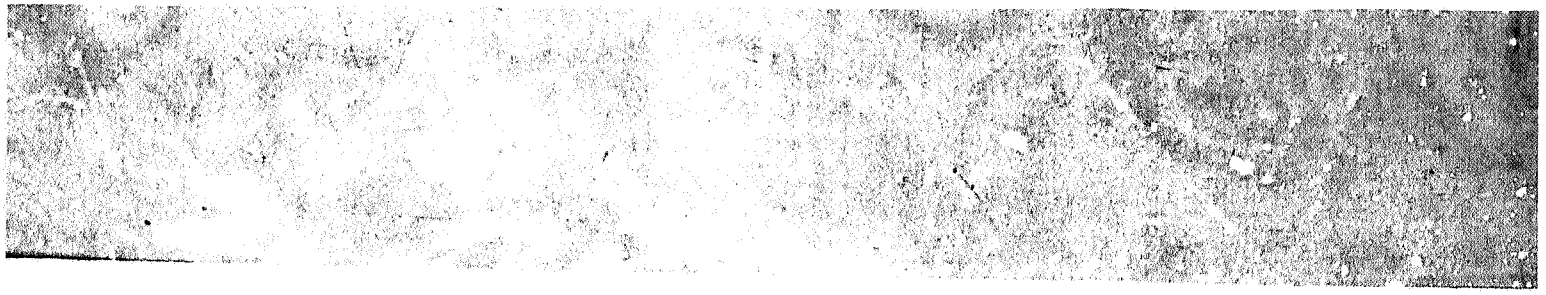
Coverage: AREA C LINE 41100E
FROM 28900N TO 24900N

0120

Loop Time: 1.92 Hours
Loop Drift: .031 Mgals
Drift Rate: .016 Mgals/Hour

Operator: C.CULLOGAN
Gravimeter: Lacoste G#035
Date: 25/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 02		2873.300	1106		979380.98			
28900	41100	2864.930	1120	0097.78	979372.22	30.56750	979382.27	9.13
28800	41100	2864.850	1122	0098.94	979372.14	30.56840	979382.34	9.26
28700	41100	2864.800	1124	0100.23	979372.09	30.56930	979382.41	9.39
28600	41100	2864.900	1126	0101.78	979372.19	30.57020	979382.48	9.73
28500	41100	2865.650	1130	0102.57	979372.97	30.57110	979382.55	10.60
28400	41100	2866.330	1133	0103.43	979373.68	30.57200	979382.62	11.41
28300	41100	2866.650	1135	0104.62	979374.02	30.57290	979382.69	11.81
28200	41100	2867.310	1137	0104.56	979374.71	30.57380	979382.76	12.51
28100	41100	2867.720	1140	0104.77	979375.14	30.57470	979382.83	12.91
28000	41100	2868.030	1144	0105.13	979375.46	30.57560	979382.90	13.23
27900	41100	2868.300	1146	0105.22	979375.74	30.57650	979382.98	13.46
27800	41100	2868.460	1149	0105.07	979375.91	30.57740	979383.05	13.59
27700	41100	2868.600	1151	0105.59	979376.05	30.57830	979383.12	13.70
27600	41100	2868.840	1153	0106.14	979376.30	30.57920	979383.19	13.99
27500	41100	2869.350	1155	0106.53	979376.84	30.58010	979383.26	14.53
27400	41100	2869.480	1157	0107.88	979376.97	30.58100	979383.33	14.66
27300	41100	2869.320	1200	0109.71	979376.80	30.58190	979383.40	14.93
27200	41100	2869.500	1202	0110.92	979376.99	30.58280	979383.47	15.34
27100	41100	2869.690	1204	0111.37	979377.19	30.58370	979383.54	15.55
27000	41100	2870.620	1207	0109.66	979378.16	30.58460	979383.61	16.12
26900	41100	2872.180	1209	0108.15	979379.79	30.58550	979383.69	17.36
26800	41100	2872.430	1211	0107.76	979380.05	30.58640	979383.76	17.49
26700	41100	2872.520	1213	0107.71	979380.15	30.58730	979383.83	17.50
26600	41100	2871.970	1215	0108.17	979379.57	30.58820	979383.90	16.95
26500	41100	2872.080	1216	0108.39	979379.69	30.58910	979383.97	17.04
26400	41100	2872.080	1218	0108.41	979379.68	30.59000	979384.04	16.97
26300	41100	2872.540	1219	0108.33	979380.17	30.59090	979384.11	17.36
26200	41100	2872.830	1221	0107.23	979380.47	30.59180	979384.18	17.38
26100	41100	2873.200	1223	0107.49	979380.85	30.59270	979384.25	17.74
26000	41100	2873.700	1225	0107.01	979381.38	30.59360	979384.32	18.10
25900	41100	2874.000	1228	0106.76	979381.69	30.59450	979384.40	18.29
25800	41100	2874.230	1230	0106.66	979381.93	30.59540	979384.47	18.44
25700	41100	2874.490	1233	0106.72	979382.20	30.59630	979384.54	18.65
25600	41100	2874.800	1235	0107.16	979382.52	30.59720	979384.61	18.93
25500	41100	2875.100	1234	0107.29	979382.84	30.59810	979384.68	19.18
25400	41100	2875.150	1239	0107.45	979382.89	30.59900	979384.75	19.27
25300	41100	2875.520	1241	0107.40	979383.28	30.59990	979384.82	19.50
BASE # 02		2873.330	1301		979380.98			



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LOOP NUMBER 5
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA D LINE 47600E
FROM 24300N TO 22400N

0121

Loop Time: 1.02 Hours
Loop Drift: .251 Mgals
Drift Rate: .247 Mgals/Hour

Operator: G.RAU
Gravimeter: Lacoste G#037
Date: 25/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 04		2898.470	1257		979382.57			
24300	47600	2898.690	1303	0105.16	979382.78	30.60890	979385.53	17.93
24200	47600	2899.010	1305	0105.18	979383.10	30.60980	979385.60	18.19
24100	47600	2899.130	1307	0105.25	979383.22	30.61070	979385.67	18.25
24000	47600	2899.130	1310	0105.99	979383.21	30.61160	979385.75	18.31
23900	47600	2898.780	1314	0106.47	979382.82	30.61250	979385.82	17.95
23800	47600	2898.630	1315	0106.68	979382.66	30.61340	979385.89	17.76
23700	47600	2898.680	1318	0106.03	979382.70	30.61430	979385.96	17.60
23600	47600	2898.900	1321	0105.54	979382.92	30.61520	979386.03	17.65
23500	47600	2899.050	1323	0104.97	979383.07	30.61610	979386.10	17.62
23400	47600	2899.270	1326	0105.00	979383.29	30.61700	979386.17	17.77
23300	47600	2899.280	1329	0105.07	979383.29	30.61790	979386.24	17.71
23200	47600	2899.240	1331	0105.18	979383.24	30.61880	979386.31	17.61
23100	47600	2899.130	1334	0105.23	979383.11	30.61970	979386.39	17.42
23000	47600	2898.880	1336	0105.64	979382.84	30.62060	979386.46	17.16
22900	47600	2898.890	1339	0106.05	979382.84	30.62150	979386.53	17.17
22800	47600	2898.780	1342	0106.46	979382.71	30.62240	979386.60	17.05
22700	47600	2898.850	1344	0106.55	979382.77	30.62330	979386.67	17.06
22600	47600	2898.850	1347	0106.75	979382.76	30.62420	979386.74	17.02
22500	47600	2898.700	1350	0105.84	979382.59	30.62510	979386.81	16.80
22400	47600	2898.710	1352	0107.00	979382.59	30.62600	979386.88	16.76
BASE # 04		2898.710	1358		979382.57			

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* SOLO *
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LOOP NUMBER 6
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA B LINE 41200N
FROM 21200E TO 23200E

0122

Loop Time: .83 Hours
Loop Drift: -.021 Mgals
Drift Rate: -.025 Mgals/Hour

Operator: C.COLLOGAN
Gravimeter: Lacoste G#035
Date: 26/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 05		2843.850	1322		979351.03			
41200	21200	2843.850	1322	0123.56	979351.03	30.45680	979373.54	1.73
41200	21300	2843.750	1325	0124.01	979350.93	30.45680	979373.54	1.78
41200	21400	2843.130	1327	0124.55	979350.28	30.45680	979373.54	1.24
41200	21500	2843.000	1329	0124.78	979350.14	30.45680	979373.54	1.15
41200	21600	2842.850	1331	0124.88	979349.99	30.45680	979373.54	1.01
41200	21700	2842.750	1333	0124.85	979349.88	30.45680	979373.54	.90
41200	21800	2842.370	1335	0125.45	979349.49	30.45680	979373.54	.62
41200	21900	2842.170	1337	0125.71	979349.28	30.45680	979373.54	.46
41200	22000	2841.680	1339	0126.13	979348.77	30.45680	979373.54	.04
41200	22100	2841.620	1341	0125.72	979348.71	30.45680	979373.54	-.11
41200	22200	2842.180	1343	0122.71	979349.29	30.45680	979373.54	-.11
42200	22300	2842.600	1345	0119.56	979349.73	30.44780	979372.83	.43
41200	22400	2842.850	1348	0116.75	979350.00	30.45680	979373.54	-.56
41200	22500	2843.060	1350	0114.90	979350.22	30.45680	979373.54	-.73
41200	22600	2843.070	1352	0113.90	979350.23	30.45680	979373.54	-.91
41200	22700	2843.020	1354	0113.71	979350.18	30.45680	979373.54	-1.00
41200	22800	2842.800	1356	0113.61	979349.95	30.45680	979373.54	-1.25
41200	22900	2842.700	1358	0113.19	979349.84	30.45680	979373.54	-1.44
41200	23000	2842.600	1400	0113.08	979349.74	30.45680	979373.54	-1.56
41200	23100	2842.200	1402	0113.08	979349.32	30.45680	979373.54	-1.98
41200	23200	2842.000	1403	0113.32	979349.11	30.45680	979373.54	-2.14
BASE # 05		2843.830	1412		979351.03			

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LOOP NUMBER 7
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA B LINE 21200E
FROM 41200N TO 39200N

0123

Loop Time: .98 Hours
Loop Drift: 0.000 Mgals
Drift Rate: 0.000 Mgals/Hour

Operator: G.RAU
Gravimeter: Lacoste G#037
Date: 26/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 05		2867.540	1251		979351.03			
41200	21200	2867.540	1251	0123.56	979351.03	30.45680	979373.54	1.79
41100	21200	2867.460	1355	0123.45	979350.95	30.45770	979373.61	1.62
41000	21200	2867.730	1257	0122.93	979351.23	30.45860	979373.68	1.73
40900	21200	2867.600	1300	0122.90	979351.09	30.45950	979373.75	1.51
40800	21200	2867.620	1302	0121.62	979351.11	30.46040	979373.83	1.21
40700	21200	2867.690	1305	0121.35	979351.19	30.46130	979373.90	1.16
40600	21200	2867.620	1307	0120.62	979351.11	30.46220	979373.97	.87
40500	21200	2868.140	1310	0117.59	979351.66	30.46310	979374.04	.75
40400	21200	2868.960	1314	0114.31	979352.52	30.46400	979374.11	.89
40300	21200	2869.320	1316	0112.00	979352.89	30.46490	979374.18	.75
40200	21200	2869.760	1318	0110.75	979353.36	30.46580	979374.25	.89
40100	21200	2870.010	1320	0110.80	979353.62	30.46670	979374.32	1.09
40000	21200	2870.080	1323	0110.47	979353.69	30.46760	979374.39	1.03
39900	21200	2870.240	1326	0109.79	979353.86	30.46850	979374.46	.99
39800	21200	2870.280	1328	0109.57	979353.90	30.46940	979374.53	.92
39700	21200	2870.320	1331	0109.23	979353.94	30.47030	979374.60	.82
39600	21200	2870.430	1333	0109.02	979354.06	30.47120	979374.68	.83
39500	21200	2870.670	1335	0108.52	979354.31	30.47210	979374.75	.91
39400	21200	2870.740	1338	0108.12	979354.38	30.47300	979374.82	.83
39300	21200	2871.090	1341	0107.40	979354.75	30.47390	979374.89	.99
39200	21200	2871.520	1344	0106.35	979355.20	30.47480	979374.96	1.16
BASE # 05		2867.540	1350		979351.03			

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LOOP NUMBER 8
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA B LINE 40700N
FROM 22700E TO 19700E

0124

Loop Time: 1.68 Hours
Loop Drift: -.042 Mgals
Drift Rate: -.025 Mgals/Hour

Operator: C.COLLOGAN
Gravimeter: Lacoste G#035
Date: 27/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 05		2845.780	1033		979351.03			
40700	22700	2845.910	1045	0113.02	979351.17	30.46130	979373.90	-.49
40700	22600	2846.240	1048	0112.97	979351.52	30.46130	979373.90	-.16
40700	22500	2846.220	1051	0113.12	979351.50	30.46130	979373.90	-.15
40700	22400	2846.340	1053	0112.80	979351.62	30.46130	979373.90	-.03
40700	22300	2846.480	1055	0112.98	979351.77	30.46130	979373.90	.10
40700	22200	2846.440	1058	0113.61	979351.73	30.46130	979373.90	.18
40700	22100	2846.240	1100	0115.11	979351.52	30.46130	979373.90	.27
40700	22000	2846.050	1102	0117.26	979351.32	30.46130	979373.90	.49
40700	21900	2845.500	1104	0119.32	979350.75	30.46130	979373.90	.32
40700	21800	2845.370	1106	0120.94	979350.61	30.46130	979373.90	.51
40700	21700	2845.380	1109	0121.75	979350.63	30.46130	979373.90	.68
40700	21600	2845.630	1111	0121.33	979350.89	30.46130	979373.90	.86
40700	21500	2845.560	1113	0121.88	979350.82	30.46130	979373.90	.89
40700	21400	2845.610	1115	0121.13	979350.87	30.46130	979373.90	.80
40700	21300	2845.650	1118	0121.63	979350.91	30.46130	979373.90	.94
40700	21200	2845.830	112	0121.39	979350.85	30.46130	979373.90	.83
40700	21100	2846.060	1124	0120.98	979351.34	30.46130	979373.90	1.34
40700	21000	2846.450	1127	0120.48	979351.75	30.46130	979373.90	1.56
40700	20900	2846.510	1129	0120.31	979351.82	30.46130	979373.90	1.59
40700	20800	2846.670	113	0120.47	979351.73	30.46130	979373.90	1.53
40700	20700	2846.670	1133	0120.49	979351.99	30.46130	979373.90	1.79
40700	20600	2846.960	1135	0121.19	979352.29	30.46130	979373.90	2.23
40700	20500	2847.250	1137	0120.95	979352.59	30.46130	979373.90	2.49
40700	20400	2847.530	1140	0120.93	979352.89	30.46130	979373.90	2.78
40700	20300	2847.650	1142	0120.95	979353.01	30.46130	979373.90	2.91
40700	20200	2847.970	1144	0121.50	979353.35	30.46130	979373.90	3.35
40700	20100	2848.020	1146	0121.67	979353.40	30.46130	979373.90	3.44
40700	20000	2848.040	1149	0122.75	979353.42	30.46130	979373.90	3.67
40700	19900	2848.090	1151	0123.75	979353.48	30.46130	979373.90	3.92
40700	19800	2848.570	1153	0124.26	979353.98	30.46130	979373.90	4.53
40700	19700	2848.460	1156	0124.74	979353.87	30.46130	979373.90	4.51
BASE # 05		2845.740	1214		979351.03			

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* SOLO *
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LOOP NUMBER 9
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA B LINE 21200E
FROM 41300N TO 43200N

0125

Loop Time: 1.07 Hours
Loop Drift: .010 Mgals
Drift Rate: .010 Mgals/Hour

Operator: G.RAU
Gravimeter: Lacoste G#037
Date: 26/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 05		2867.540	1350		979351.03			
41300	21200	2867.420	1356	0123.53	979350.90	30.45590	979373.47	1.73
41400	21200	2867.480	1358	0123.71	979350.97	30.45500	979373.40	1.90
43500	21200	2867.300	1401	0123.70	979350.78	30.43610	979371.91	3.20
41600	21200	2867.260	1403	0123.67	979350.73	30.45320	979373.26	1.80
41700	21200	2867.080	1406	0123.62	979350.55	30.45230	979373.19	1.67
41800	21200	2866.860	1409	0124.09	979350.31	30.45140	979373.12	1.61
41900	21200	2866.370	1412	0124.50	979349.80	30.45050	979373.05	1.24
42000	21200	2866.050	1415	0124.83	979349.47	30.44960	979372.98	1.04
42100	21200	2866.020	1417	0124.99	979349.43	30.44870	979372.90	1.11
42200	21200	2865.560	1419	0125.14	979348.95	30.44780	979372.83	.73
42300	21200	2865.230	1422	0125.25	979348.61	30.44690	979372.76	.48
42400	21200	2864.960	1425	0125.44	979348.32	30.44600	979372.69	.30
42500	21200	2864.860	1428	0125.38	979348.22	30.44510	979372.62	.26
42600	21200	2864.630	1431	0125.39	979347.98	30.44420	979372.55	.09
42700	21200	2864.430	1433	0125.32	979347.77	30.44330	979372.48	-.06
42800	21200	2864.380	1436	0125.44	979347.71	30.44240	979372.41	-.02
42900	21200	2864.350	1439	0125.36	979347.68	30.44150	979372.34	.00
43000	21200	2864.370	1441	0125.19	979347.70	30.44060	979372.27	.06
43100	21200	2864.270	1444	0125.14	979347.60	30.43970	979372.20	.01
43200	24200	2864.080	1447	0125.76	979347.40	30.43880	979372.13	.01
BASE # 05		2867.550	1454		979351.03			

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* SOLO *
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LOOP NUMBER 10
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA A LINE 54200E
FROM 19500N TO 17500N

0126

Loop Time: .80 Hours
Loop Drift: -.052 Mgals
Drift Rate: -.065 Mgals/Hour

Operator: C.COLLOGAN
Gravimeter: Lacoste G#035
Date: 20/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 06		2840.160	1332		979345.15			
54200	19500	2835.030	1341	0120.14	979339.80	30.33980	979364.34	-.92
54200	19400	2835.230	1343	0119.88	979340.01	30.33980	979364.34	-.76
54200	19300	2835.380	1344	0120.38	979340.16	30.33980	979364.34	-.50
54200	19200	2835.700	1346	0119.84	979340.50	30.33980	979364.34	-.27
54200	19100	2836.080	1348	0118.83	979340.90	30.33980	979364.34	-.07
54200	19000	2836.410	1350	0118.43	979341.25	30.33980	979364.34	.20
54200	18900	2836.850	1352	0118.65	979341.71	30.33980	979364.34	.71
54200	18800	2836.770	1354	0118.44	979341.63	30.33980	979364.34	.58
54200	18700	2837.180	1356	0117.80	979342.06	30.33980	979364.34	.89
54200	18600	2837.500	1358	0117.91	979342.40	30.33980	979364.34	1.25
54200	18500	2837.740	1400	0117.90	979342.65	30.33980	979364.34	1.50
54200	18400	2837.950	1402	0117.56	979342.87	30.33980	979364.34	1.65
54200	18300	2838.510	1404	0116.98	979343.46	30.33980	979364.34	2.13
54200	18200	2838.710	1406	0116.88	979343.67	30.33980	979364.34	2.32
54200	18100	2838.720	1408	0117.22	979343.68	30.33980	979364.34	2.40
54200	18000	2839.080	1410	0116.88	979344.06	30.33980	979364.34	2.71
54200	17900	2839.790	1412	0115.69	979344.81	30.33980	979364.34	3.22
54200	17800	2840.220	1414	0114.84	979345.26	30.33980	979364.34	3.50
54200	17700	2840.220	1416	0115.81	979345.26	30.33980	979364.34	3.70
54200	17600	2840.230	1418	0117.01	979345.27	30.33980	979364.34	3.95
54200	17500	2840.110	1420	0117.40	979345.15	30.33980	979364.34	3.90
BASE # 06		2840.110	1420		979345.15			

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* SOLO *
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LOOP NUMBER 11
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA B LINE 41700N
FROM 21200E TO 19600E

0127

Loop Time: 1.12 Hours
Loop Drift: .010 Mgals
Drift Rate: .009 Mgals/Hour

Operator: G.RAU
Gravimeter: Lacoste G#037
Date: 27/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 05		2867.450	1100		979351.03			
41700	21200	2866.990	1106	0123.70	979350.55	30.45230	979373.19	1.69
41700	21300	2866.770	1108	0123.68	979350.32	30.45230	979373.19	1.46
41700	21400	2866.530	1111	0124.29	979350.06	30.45230	979373.19	1.32
41700	21500	2866.170	1116	0124.97	979349.69	30.45230	979373.19	1.09
41700	21600	2865.780	1118	0125.73	979349.28	30.45230	979373.19	.87
41700	21700	2865.540	1122	0126.31	979349.03	30.45230	979373.19	.68
41700	21800	2865.120	1125	0126.63	979348.59	30.45230	979373.19	.31
41700	21900	2864.920	1128	0126.77	979348.38	30.45230	979373.19	.12
41700	22000	2864.730	1133	0126.91	979348.18	30.45230	979373.19	-.05
41700	22100	2864.700	1136	0126.78	979348.14	30.45230	979373.19	-.11
41700	22200	2864.180	1140	0126.80	979347.60	30.45230	979373.19	-.65
41700	22300	2864.090	1144	0126.84	979347.50	30.45230	979373.19	-.73
41700	22400	2864.200	1147	0125.40	979347.62	30.45230	979373.19	-.90
41700	22500	2864.740	1150	0121.81	979348.18	30.45230	979373.19	-1.04
41700	22600	2865.270	1148	0118.90	979348.74	30.45230	979373.19	-1.06
41700	22700	2865.150	1157	0117.03	979348.61	30.45230	979373.19	-1.56
41700	22800	2865.230	1159	0115.66	979348.70	30.45230	979373.19	-1.74
BASE # 05		2867.460	1207		979351.03			

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* SOLO *
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****
LOOP NUMBER 12
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA A LINE 54200N
FROM 12500E TO 15500E

0128

Loop Time: .77 Hours
Loop Drift: .010 Mgals
Drift Rate: .014 Mgals/Hour

Operator: C.COLLOGAN
Gravimeter: Lacoste G#035
Date: 30/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 06		2840.110	1420		979345.15			
54200	17500	2840.110	1420	0117.40	979345.15	30.33980	979364.34	3.90
54200	17400	2840.340	1422	0117.15	979345.39	30.33980	979364.34	4.09
54200	17300	2840.780	1425	0115.88	979345.85	30.33980	979364.34	4.30
54200	17200	2841.160	1427	0114.83	979346.25	30.33980	979364.34	4.49
54200	17100	2841.160	1429	0115.01	979346.25	30.33980	979364.34	4.53
54200	17000	2841.130	1431	0115.48	979346.21	30.33980	979364.34	4.59
54200	16900	2840.690	1433	0116.77	979345.75	30.33980	979364.34	4.38
54200	16800	2840.620	1435	0117.11	979345.68	30.33980	979364.34	4.37
54200	16700	2840.640	1337	0117.42	979345.71	30.33980	979364.34	4.47
54200	16600	2840.600	1439	0117.29	979345.66	30.33980	979364.34	4.39
54200	16500	2840.620	1441	0117.19	979345.68	30.33980	979364.34	4.39
54200	16400	2840.850	1443	0117.20	979345.92	30.33980	979364.34	4.63
54200	16300	2840.910	1445	0116.78	979345.98	30.33980	979364.34	4.61
54200	16200	2841.190	1447	0116.49	979346.27	30.33980	979364.34	4.84
54200	16100	2841.300	1449	0116.69	979346.39	30.33980	979364.34	5.00
54200	16000	2841.370	1451	0116.32	979346.46	30.33980	979364.34	5.00
54200	15900	2841.450	1453	0116.38	979346.54	30.33980	979364.34	5.09
54200	15800	2841.510	1455	0116.57	979346.61	30.33980	979364.34	5.19
54200	15700	2841.750	1457	0117.03	979346.86	30.33980	979364.34	5.53
54200	15600	2842.000	1459	0117.01	979347.12	30.33980	979364.34	5.79
54200	15500	2842.110	1501	0116.59	979347.23	30.33980	979364.34	5.82
BASE # 06		2840.120	1506		979345.15			

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* SOLO *
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LOOP NUMBER 13
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA B LINE 41700N
FROM 21100E TO 19600E

0129

Loop Time: 1.47 Hours
Loop Drift: 0.000 Mgals
Drift Rate: 0.000 Mgals/Hour

Operator: G.RAU
Gravimeter: Lacoste G#037
Date: 28/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 05		2867.460	1207		979351.03			
41700	21100	2867.190	1220	0123.69	979350.75	30.45230	979373.19	1.89
41700	21000	2867.520	1219	0123.67	979351.09	30.45230	979373.19	2.23
41700	20900	2867.500	1227	0123.50	979351.07	30.45230	979373.19	2.18
41700	20800	2867.610	1231	0123.48	979351.19	30.45230	979373.19	2.29
41700	20700	2867.910	1235	0123.29	979351.50	30.45230	979373.19	2.56
41700	20600	2867.970	1239	0123.05	979351.56	30.45230	979373.19	2.58
41700	20500	2868.110	1241	0122.90	979351.71	30.45230	979373.19	2.70
41700	20400	2868.350	1247	0122.79	979351.96	30.45230	979373.19	2.93
41700	20300	2868.520	1251	0122.79	979352.14	30.45230	979373.19	3.11
41700	20200	2868.790	1254	0122.83	979352.42	30.45230	979373.19	3.40
41700	20100	2868.910	1258	0122.67	979352.55	30.45230	979373.19	3.49
41700	20000	2868.970	1302	0122.60	979352.61	30.45230	979373.19	3.54
41700	19900	2869.360	1307	0122.69	979353.02	30.45230	979373.19	3.97
41700	19800	2869.130	1312	0123.62	979352.78	30.45230	979373.19	3.91
41700	19700	2869.260	1315	0124.11	979352.92	30.45230	979373.19	4.14
41700	19600	2869.590	1320	0124.42	979353.26	30.45230	979373.19	4.55
BASE # 05		2867.460	1335		979351.03			

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* SOLO *
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****
LOOP NUMBER 14
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA C LINE 35000E
FROM 40000N TO 50000N

0130

Loop Time: 14.35 Hours
Loop Drift: .010 Mgals
Drift Rate: .001 Mgals/Hour

Operator: C.COLLOGAN
Gravimeter: Lacoste G#035
Date: 28/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 03		2845.260	0001		979349.50			
40000	35000	2846.180	1155	0094.1	979350.45	30.46760	979374.39	-5.42
40500	35000	2844.860	1202	0093.53	979349.07	30.46310	979374.04	-6.97
41000	35000	2843.570	1207	0096.72	979347.72	30.45860	979373.68	-6.9[illegible]
41500	35000	2843.050	1212	0097.15	979347.18	30.45410	979373.33	-7.04
42000	35000	2841.930	1217	0097.16	979346.01	30.44960	979372.98	-7.[illegible]
42500	35000	2840.480	1222	0096.10	979344.49	30.44510	979372.62	-9.2[illegible]
43000	35000	2838.730	1228	0098.44	979342.66	30.44060	979372.27	-10.2[illegible]
43500	35000	2838.500	1234	0100.57	979342.42	30.43610	979371.91	-9.[illegible]
44000	35000	2838.100	1238	0099.73	979342.00	30.43160	979371.56	-9.94
44500	35000	2836.900	1243	0100.58	979340.75	30.42710	979371.20	-10.67
45000	35000	2835.550	1248	0103.56	979339.34	30.42260	979370.85	-11.14
45500	35000	2834.650	1253	0100.17	979338.40	30.41810	979370.50	-12.40
46000	35000	2833.350	1258	0102.07	979337.04	30.41360	979370.14	-13.0[illegible]
46500	35000	2832.260	1303	0103.80	979335.90	30.40910	979369.79	-13.4[illegible]
47000	35000	2831.240	1308	0104.23	979334.83	30.40460	979369.44	-14.10
47500	35000	2830.210	1312	0105.09	979333.75	30.40010	979369.08	-14.6[illegible]
48000	35000	2829.640	1316	0105.73	979333.16	30.39560	979368.73	-14.7[illegible]
48500	35000	2828.700	1320	0106.58	979332.17	30.39110	979368.37	-15.[illegible]
49000	35000	2828.020	1330	0106.60	979331.46	30.38660	979368.02	-15.59
49500	35000	2827.620	1340	0105.98	979331.04	30.38210	979367.67	-15.7[illegible]
50000	35000	2826.980	1347	0105.56	979330.37	30.37760	979367.31	-16.17
BASE # 03		2845.270	1422		979349.50			

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* SOLO *
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LOOP NUMBER 15
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA C LINE 41100E
FROM 39900N TO 22500N

0131

Loop Time: 4.20 Hours
Loop Drift: -.042 Mgals
Drift Rate: -.010 Mgals/Hour

Operator: G.RAU
Gravimeter: Lacoste G#037
Date: 28/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 03		2866.940	1105		979349.50			
29000	41100	2888.750	1151	0094.10	979372.35	30.56660	979382.19	8.67
29500	41100	2887.270	1151	0096.22	979370.80	30.56210	979381.84	7.89
30000	41100	2885.190	1215	0098.63	979368.63	30.55760	979381.48	6.54
30500	41100	2884.140	1223	0095.35	979367.53	30.55310	979381.13	5.16
31000	41100	2882.430	1231	0095.35	979365.74	30.54860	979380.77	3.72
31500	41100	2881.440	1238	0094.89	979364.70	30.54410	979380.42	2.95
32000	41100	2880.390	1246	0095.27	979363.61	30.53960	979380.07	2.28
32500	41100	2879.440	1259	0096.26	979362.61	30.53510	979379.71	1.84
33000	41100	2878.890	1308	0096.00	979362.04	30.53060	979379.36	1.57
33500	41100	2877.540	1315	0096.38	979360.63	30.52610	979379.00	.58
34000	41100	2876.750	1325	0096.76	979359.80	30.52160	979378.65	.19
34500	41100	2876.390	1332	0096.71	979359.42	30.51710	979378.29	.15
35000	41100	2876.230	1340	0097.10	979359.26	30.51260	979377.94	.42
35500	41100	2875.280	1347	0095.14	979358.26	30.50810	979377.58	-.61
36000	41100	2874.510	1353	0094.90	979357.46	30.50360	979377.23	-1.10
36500	41100	2873.810	1359	0096.90	979356.73	30.49910	979376.87	-1.09
37000	41100	2873.310	1410	0097.77	979356.20	30.49460	979376.52	-1.08
37500	41100	2872.540	1418	0099.86	979355.40	30.49010	979376.16	-1.12
38000	41100	2872.620	1425	0097.10	979355.48	30.48560	979375.81	-1.23
38500	41100	2872.270	1430	0097.54	979355.12	30.48110	979375.46	-1.15
39000	41100	2872.000	1437	0098.35	979354.84	30.47660	979375.10	-.92
39500	41100	2872.070	1445	0098.65	979354.91	30.47210	979374.75	-.43
39900	41100	2871.230	1451	0098.45	979354.03	30.46850	979374.46	-1.07
BASE # 03		2866.900	1517		979349.50			

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* SOLO *
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****
LOOP NUMBER 16
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

0132

Coverage: AREA B LINE 41200N
FROM 9200E TO 21200E

Loop Time: .77 Hours
Loop Drift: .042 Mgals
Drift Rate: .055 Mgals/Hour

Operator: C.COLLOGAN
Gravimeter: Lacoste G#035
Date: 26/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 05		2843.830	1412		979351.03			
41200	19200	2847.120	1452	0124.72	979354.43	30.45680	979373.54	5.42
41200	19300	2846.960	1450	0125.00	979354.27	30.45680	979373.54	5.31
41200	19400	2846.880	1448	0125.44	979354.19	30.45680	979373.54	5.32
41200	19500	2846.400	1446	0125.79	979353.69	30.45680	979373.54	4.89
41200	19600	2846.180	1444	0126.03	979353.46	30.45680	979373.54	4.71
41200	19700	2845.800	1442	0125.62	979353.06	30.45680	979373.54	4.23
41200	19800	2845.870	1439	0124.79	979353.14	30.45680	979373.54	4.14
41200	19900	2845.970	1437	0123.52	979353.25	30.45680	979373.54	4.00
41200	20000	2845.980	1435	0122.58	979353.26	30.45680	979373.54	3.83
41200	20100	2845.800	1433	0122.42	979353.07	30.45680	979373.54	3.61
41200	20200	2845.630	1431	0122.24	979352.89	30.45680	979373.54	3.40
41200	20300	2845.420	1429	0122.10	979352.68	30.45680	979373.54	3.15
41200	20400	2845.350	1427	0122.11	979352.61	30.45680	979373.54	3.08
41200	20500	2845.130	1425	0122.02	979352.38	30.45680	979373.54	2.84
41200	20600	2844.930	1423	0122.20	979352.17	30.45680	979373.54	2.67
41200	20700	2844.890	1421	0122.43	979352.13	30.45680	979373.54	2.67
41200	20800	2844.520	1419	0122.65	979351.75	30.45680	979373.54	2.33
41200	20900	2844.300	1418	0122.86	979351.52	30.45680	979373.54	2.14
41200	21000	2844.300	1416	0123.07	979351.52	30.45680	979373.54	2.18
41200	21100	2843.950	1414	0123.30	979351.15	30.45680	979373.54	1.86
BASE # 05		2843.870	1458		979351.03			

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* SOLO *
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LOOP NUMBER 17
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA C LINE 41100E
FROM 26900N TO 22500N

0133

Loop Time: 2.85 Hours
Loop Drift: .126 Mgals
Drift Rate: .044 Mgals/Hour

Operator: G.RAU
Gravimeter: Lacoste G#037
Date: 28/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 03		2866.900	1517		979349.50			
5900	41100	2895.950	1630	0108.15	979379.88	30.58550	979383.69	17.46
24900	41100	2900.150	1640	0106.01	979384.27	30.60350	979385.11	20.01
24500	41100	2900.790	1645	0105.80	979384.94	30.60710	979385.39	20.36
24000	41100	2901.820	1657	0103.34	979386.01	30.61160	979385.75	20.59
23500	41100	2902.720	1707	0103.35	979386.94	30.61610	979386.10	21.17
23000	41100	2902.330	1715	0103.36	979386.53	30.62060	979386.46	20.40
22500	41100	2901.410	1727	0105.31	979385.55	30.62510	979386.81	19.46
BASE # 03		2867.030	1808		979349.50			

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* SOLO *
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LOOP NUMBER 18
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA A LINE 53700N
FROM 15900E TO 19100E

0134

Loop Time: 1.58 Hours
Loop Drift: -.052 Mgals
Drift Rate: -.033 Mgals/Hour

Operator: C.COLLOGAN
Gravimeter: Lacoste G#035
Date: 02/07/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 06		2840.200	1340		979345.15			
53700	17500	2840.680	1348	0117.31	979345.66	30.34430	979364.70	4.04
53700	17400	2840.580	1353	0117.46	979345.55	30.34430	979364.70	3.96
53700	17300	2840.750	1355	0117.58	979345.73	30.34430	979364.70	4.17
53700	17200	2840.690	1357	0118.33	979345.67	30.34430	979364.70	4.25
53700	17100	2840.430	1359	0118.46	979345.40	30.34430	979364.70	3.99
53700	17000	2840.730	1401	0118.10	979345.72	30.34430	979364.70	4.25
53700	16900	2840.680	1404	0117.99	979345.67	30.34430	979364.70	4.18
53700	16800	2840.950	1407	0117.81	979345.95	30.34430	979364.70	4.43
53700	16700	2841.010	1409	0117.77	979346.01	30.34430	979364.70	4.48
53700	16600	2841.030	1410	0117.43	979346.03	30.34430	979364.70	4.44
53700	16500	2841.310	1412	0117.28	979346.33	30.34430	979364.70	4.70
53700	16400	2841.230	1414	0116.91	979346.25	30.34430	979364.70	4.55
53700	16300	2841.480	1416	0116.49	979346.51	30.34430	979364.70	4.73
53700	16200	2841.950	1418	0115.64	979347.00	30.34430	979364.70	5.05
53700	16100	2842.250	1420	0115.07	979347.32	30.34430	979364.70	5.25
53700	16000	2842.360	1422	0114.97	979347.43	30.34430	979364.70	5.35
53700	15900	2842.240	1424	0115.97	979347.31	30.34430	979364.70	5.42
53700	17500	2840.650	1430	0117.31	979345.65	30.34430	979364.70	4.03
53700	17600	2840.300	1433	0117.36	979345.28	30.34430	979364.70	3.67
53700	17700	2840.150	1435	0117.29	979345.13	30.34430	979364.70	3.50
53700	17800	2840.070	1437	0117.18	979345.05	30.34430	979364.70	3.40
53700	17900	2839.770	1439	0117.23	979344.73	30.34430	979364.70	3.10
53700	18000	2839.500	1441	0117.71	979344.45	30.34430	979364.70	2.91
53700	18100	2838.980	1443	0118.07	979343.91	30.34430	979364.70	2.44
53700	18200	2838.800	1445	0118.36	979343.72	30.34430	979364.70	2.31
53700	18300	2838.300	1448	0118.86	979343.20	30.34430	979364.70	1.88
53700	18400	2838.340	1451	0118.41	979343.24	30.34430	979364.70	1.84
53700	18500	2838.000	1453	0118.67	979342.89	30.34430	979364.70	1.54
53700	18600	2837.500	1455	0119.48	979342.37	30.34430	979364.70	1.17
53700	18700	2837.200	1457	0120.05	979342.06	30.34430	979364.70	.97
53700	18800	2836.800	1459	0120.43	979341.64	30.34430	979364.70	.63
53700	18900	2836.610	1501	0120.68	979341.44	30.34430	979364.70	.48
53700	19000	2836.280	1503	0121.01	979341.10	30.34430	979364.70	.20
53700	19100	2836.180	1505	0121.01	979340.99	30.34430	979364.70	.10
53700	19200	2840.650	1513	0117.31	979345.67	30.34430	979364.70	4.05
BASE # 06		2840.150	1515		979345.15			

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* SOLO *
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****
LOOP NUMBER 20
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

0135

Coverage: AREA A LINE 53200N
FROM 16100E TO 18900E

Loop Time: 1.32 Hours
Loop Drift: -.063 Mgals
Drift Rate: -.048 Mgals/Hour

Operator: C.COLLOGAN
Gravimeter: Lacoste G#035
Date: 02/07/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 06		2840.150	1515		979345.15			
53200	17500	2840.380	1522	0117.32	979345.40	30.34880	979365.05	3.42
53200	17400	2840.280	1524	0117.51	979345.29	30.34880	979365.05	3.36
53200	17300	2840.590	1527	0117.42	979345.62	30.34880	979365.05	3.67
53200	17200	2840.800	1529	0117.41	979345.84	30.34880	979365.05	3.89
53200	17100	2840.760	1531	0117.77	979345.80	30.34880	979365.05	3.92
53200	17000	2840.720	1533	0117.80	979345.76	30.34880	979365.05	3.88
53200	16900	2840.780	1535	0117.64	979345.82	30.34880	979365.05	3.92
53200	16800	2841.010	1537	0117.37	979346.07	30.34880	979365.05	4.10
53200	16700	2841.100	1539	0117.12	979346.16	30.34880	979365.05	4.15
53200	16600	2841.300	1541	0116.78	979346.37	30.34880	979365.05	4.29
53200	16500	2841.500	1542	0116.95	979346.58	30.34880	979365.05	4.54
53200	16400	2841.440	1544	0116.95	979346.52	30.34880	979365.05	4.48
53200	16300	2841.690	1546	0116.99	979346.78	30.34880	979365.05	4.75
53200	16200	2841.780	1548	0116.95	979346.88	30.34880	979365.05	4.84
53200	16100	2841.980	1550	0116.66	979347.09	30.34880	979365.05	4.99
53200	17500	2840.350	1556	0117.32	979345.39	30.34880	979365.05	3.42
53200	17600	2840.470	1559	0117.13	979345.52	30.34880	979365.05	3.51
53200	17700	2840.160	1602	0117.38	979345.20	30.34880	979365.05	3.24
53200	17800	2839.980	1604	0117.41	979345.01	30.34880	979365.05	3.06
53200	17900	2839.940	1606	0117.23	979344.97	30.34880	979365.05	2.98
53200	18000	2839.910	1608	0116.84	979344.94	30.34880	979365.05	2.87
53200	18100	2839.850	1610	0116.52	979344.88	30.34880	979365.05	2.75
53200	18200	2839.390	1612	0117.34	979344.40	30.34880	979365.05	2.43
53200	18300	2838.700	1614	0118.40	979343.68	30.34880	979365.05	1.92
53200	18400	2838.450	1616	0119.05	979343.42	30.34880	979365.05	1.79
53200	18500	2838.130	1618	0119.52	979343.09	30.34880	979365.05	1.55
53200	18600	2837.800	1620	0119.44	979342.74	30.34880	979365.05	1.19
53200	18700	2837.720	1622	0119.21	979342.66	30.34880	979365.05	1.06
53200	18800	2837.320	1624	0119.50	979342.25	30.34880	979365.05	.70
53200	18900	2837.320	1626	0119.54	979342.25	30.34880	979365.05	.71
53200	17500	2840.310	1630	0117.32	979345.38	30.34880	979365.05	3.40
BASE # 06		2840.090	1634		979345.15			

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* SOLO *
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****
LOOP NUMBER 21
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA A LINE 17500E
FROM 54200N TO 56200N

0136

Loop Time: 11.02 Hours
Loop Drift: .009 Mgals
Drift Rate: .001 Mgals/Hour

Operator: G.RAU
Gravimeter: Lacoste G#037
Date: 29/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 06		2861.861	0329		979345.15			
54200	17500	2861.860	1329	0117.40	979345.14	30.33980	979364.34	3.85
54300	17500	2862.030	1335	0116.56	979345.32	30.33890	979364.27	3.97
54400	17500	2862.080	1338	0116.31	979345.37	30.33800	979364.20	4.05
54500	17500	2862.210	1340	0115.43	979345.51	30.33710	979364.13	4.08
54600	17500	2861.910	1343	0116.07	979345.19	30.33620	979364.06	3.96
54700	17500	2861.590	1345	0116.22	979344.86	30.33530	979363.99	3.73
54800	17500	2861.730	1348	0115.48	979345.00	30.33440	979363.92	3.80
54900	17500	2861.610	1350	0115.87	979344.88	30.33350	979363.85	3.82
55000	17500	2861.480	1353	0116.12	979344.74	30.33260	979363.78	3.81
55100	17500	2861.510	1400	0115.23	979344.77	30.33170	979363.71	3.73
55200	17500	2861.520	1402	0114.94	979344.78	30.33080	979363.64	3.76
55300	17500	2861.450	1405	0114.52	979344.71	30.32990	979363.57	3.67
55400	17500	2861.410	1407	0114.11	979344.67	30.32900	979363.49	3.62
55500	17500	2861.560	1408	0113.43	979344.83	30.32810	979363.42	3.71
55600	17500	2861.610	1411	0112.81	979344.88	30.32720	979363.35	3.71
55700	17500	2861.530	1413	0112.45	979344.79	30.32630	979363.28	3.63
55800	17500	2861.470	1416	0111.95	979344.73	30.32540	979363.21	3.54
55900	17500	2861.290	1418	0112.34	979344.54	30.32450	979363.14	3.50
56000	17500	2860.920	1420	0113.42	979344.16	30.32360	979363.07	3.39
56100	17500	2860.820	1422	0113.40	979344.05	30.32270	979363.00	3.36
56200	17500	2861.120	1424	0111.69	979344.36	30.32180	979362.93	3.40
BASE # 06		2861.870	1430		979345.15			

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* SOLO *
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****
LOOP NUMBER 23
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA A LINE 17500E
FROM 54200N TO 56200N

0137

Loop Time: 1.00 Hours
Loop Drift: 0.000 Mgals
Drift Rate: 0.000 Mgals/Hour

Operator: G.RAU
Gravimeter: Lacoste G#037
Date: 30/06/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 06		2861.870	1430		979345.15			
54100	17500	2861.640	1441	0118.21	979344.91	30.34070	979364.41	3.75
54000	17500	2861.680	1443	0118.58	979344.95	30.34160	979364.48	3.79
53900	17500	2861.980	1445	0117.97	979345.27	30.34250	979364.55	3.92
53800	17500	2862.020	1447	0117.56	979345.31	30.34340	979364.63	3.81
53700	17500	2862.340	1449	0117.31	979345.64	30.34430	979364.70	4.02
53600	17500	2862.120	1452	0117.43	979345.41	30.34520	979364.77	3.74
53500	17500	2862.000	1453	0117.55	979345.29	30.34610	979364.84	3.57
53400	17500	2861.940	1455	0117.65	979345.22	30.34700	979364.91	3.46
53300	17500	2862.020	1457	0117.49	979345.31	30.34790	979364.98	3.44
53200	17500	2862.040	1459	0117.32	979345.33	30.34880	979365.05	3.36
53100	17500	2862.160	1501	0117.05	979345.45	30.34970	979365.12	3.36
53000	17500	2862.040	1503	0117.38	979345.33	30.35060	979365.19	3.23
52900	17500	2861.800	1505	0118.07	979345.08	30.35150	979365.26	3.04
52800	17500	2861.770	1508	0118.24	979345.05	30.35240	979365.33	2.97
52700	17500	2861.910	1509	0117.87	979345.19	30.35330	979365.40	2.97
52600	17500	2861.760	1512	0118.01	979345.03	30.35420	979365.47	2.77
52500	17500	2861.800	1514	0117.88	979345.08	30.35510	979365.54	2.72
52400	17500	2862.060	1516	0117.68	979345.35	30.35600	979365.62	2.88
52300	17500	2862.010	1518	0114.03	979345.30	30.35690	979365.69	2.04
52200	17500	2862.470	1520	0115.51	979345.78	30.35780	979365.76	2.74
53700	17500	2862.350	1525	0117.31	979345.65	30.34430	979364.70	4.03
BASE # 06		2861.870	1530		979345.15			

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* SOLO *
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****
LOOP NUMBER 25
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA A LINE 54700N
FROM 17500E TO 19100E

0138

Loop Time: 1.77 Hours
Loop Drift: -.021 Mgals
Drift Rate: -.012 Mgals/Hour

Operator: G.RAU
Gravimeter: Lacoste G#037
Date: 01/07/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 06		2861.850	1340		979345.15			
54700	17500	2861.580	1350	0116.26	979344.87	30.33530	979363.99	3.75
54700	17400	2861.760	1354	0116.30	979345.06	30.33530	979363.99	3.95
54700	17300	2861.930	1356	0116.31	979345.24	30.33530	979363.99	4.13
54700	17200	2861.960	1358	0115.98	979345.27	30.33530	979363.99	4.09
54700	17100	2862.230	1400	0115.45	979345.55	30.33530	979363.99	4.27
54700	17000	2862.310	1403	0114.87	979345.64	30.33530	979363.99	4.24
54700	16900	2862.470	1405	0114.68	979345.80	30.33530	979363.99	4.37
54700	16800	2862.780	1400	0113.96	979346.13	30.33530	979363.99	4.55
54700	16700	2862.550	1410	0114.79	979345.89	30.33530	979363.99	4.48
54700	16600	2862.570	1413	0115.47	979345.91	30.33530	979363.99	4.63
54700	16500	2862.230	1415	0116.11	979345.55	30.33530	979363.99	4.40
54700	16400	2862.060	1418	0117.01	979345.38	30.33530	979363.99	4.40
54200	16300	2862.180	1422	0117.17	979345.50	30.33980	979364.34	4.21
54700	16200	2862.480	1425	0116.93	979345.82	30.33530	979363.99	4.83
54700	16100	2862.300	1427	0117.53	979345.63	30.33530	979363.99	4.76
54700	16000	2862.460	1429	0117.67	979345.80	30.33530	979363.99	4.96
54700	15900	2862.770	1432	0117.58	979346.12	30.33530	979363.99	5.26
54700	17500	2861.570	1438	0116.26	979344.87	30.33530	979363.99	3.75
54700	17600	2861.590	1441	0115.36	979344.89	30.33530	979363.99	3.59
54700	17700	2861.480	1445	0115.59	979344.78	30.33530	979363.99	3.52
54700	17800	2861.120	1448	0115.50	979344.40	30.33530	979363.99	3.13
54700	17900	2860.870	1450	0116.05	979344.14	30.33530	979363.99	2.98
54700	18000	2860.530	1452	0116.67	979343.78	30.33530	979363.99	2.74
54700	18100	2860.050	1455	0117.26	979343.28	30.33530	979363.99	2.36
54700	18200	2859.760	1457	0117.64	979342.98	30.33530	979363.99	2.13
54700	18300	2859.350	1500	0118.08	979342.55	30.33530	979363.99	1.78
54700	18400	2859.180	1503	0117.83	979342.37	30.33530	979363.99	1.56
54700	18500	2858.870	1504	0118.00	979342.05	30.33530	979363.99	1.27
54700	18600	2858.660	1507	0118.23	979341.83	30.33530	979363.99	1.09
54700	18700	2858.370	1509	0117.92	979341.52	30.33530	979363.99	.73
54700	18800	2858.070	1512	0118.12	979341.21	30.33530	979363.99	.45
54700	18900	2858.060	1516	0117.74	979341.20	30.33530	979363.99	.37
54700	19000	2857.610	1518	0118.27	979340.73	30.33530	979363.99	.00
54700	19100	2857.400	1520	0118.87	979340.51	30.33530	979363.99	-.10
BASE # 06		2861.830	1526		979345.15			

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* SOLO *
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****
LOOP NUMBER 27
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA A LINE 55200N
FROM 16100E TO 18900E

0139

Loop Time: 1.62 Hours
Loop Drift: .010 Mgals
Drift Rate: .006 Mgals/Hour

Operator: G.RAU
Gravimeter: Lacoste G#037
Date: 01/07/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 06		2861.830	1526		979345.15			
55200	17500	2861.470	1542	0114.94	979344.77	30.33080	979363.64	3.74
55200	17400	2861.460	1540	0115.77	979344.76	30.33080	979363.64	3.90
55200	17300	2861.470	1542	0116.35	979344.77	30.33080	979363.64	4.02
55200	17200	2861.570	1545	0116.32	979344.88	30.33080	979363.64	4.13
55200	17100	2861.860	1548	0116.14	979345.18	30.33080	979363.64	4.39
55200	17000	2861.600	1550	0117.00	979344.91	30.33080	979363.64	4.23
55200	16800	2862.060	1551	0116.54	979345.39	30.33080	979363.64	4.68
55200	16900	2861.840	1552	0115.43	979345.16	30.33080	979363.64	4.23
55200	16700	2861.870	1558	0115.91	979345.19	30.33080	979363.64	4.35
55200	16600	2861.990	1601	0115.35	979345.31	30.33080	979363.64	4.37
55200	16500	2862.260	1604	0114.79	979345.60	30.33080	979363.64	4.54
55200	16400	2862.510	1607	0114.42	979345.86	30.33080	979363.64	4.73
55200	16300	2862.470	1610	0114.61	979345.82	30.33080	979363.64	4.72
55200	16200	2862.660	1612	0114.13	979346.01	30.33080	979363.64	4.83
55200	16100	2863.210	1615	0112.51	979346.59	30.33080	979363.64	5.09
55200	17500	2861.450	1620	0114.94	979344.75	30.33080	979363.64	3.72
55200	17600	2861.500	1624	0114.27	979344.80	30.33080	979363.64	3.64
55200	17700	2861.201	1626	0114.12	979344.48	30.33080	979363.64	3.30
55200	17800	2861.060	1629	0114.35	979344.34	30.33080	979363.64	3.19
55200	17900	2860.750	1631	0114.31	979344.01	30.33080	979363.64	2.86
55200	18000	2860.370	1634	0114.30	979343.61	30.33080	979363.64	2.46
55200	18100	2860.120	1636	0115.02	979343.35	30.33080	979363.64	2.34
55200	18200	2859.890	1638	0114.49	979343.11	30.33080	979363.64	1.99
55200	18300	2859.540	1640	0115.37	979342.74	30.33080	979363.64	1.80
55200	18400	2859.300	1643	0115.45	979342.49	30.33080	979363.64	1.56
55200	18500	2858.980	1645	0115.95	979342.16	30.33080	979363.64	1.33
55200	18600	2858.500	1647	0116.85	979341.65	30.33080	979363.64	1.00
55200	18700	2858.160	1650	0117.19	979341.30	30.33080	979363.64	.71
55200	18800	2857.890	1652	0117.18	979341.01	30.33080	979363.64	.43
55200	18900	2857.560	1655	0117.73	979340.67	30.33080	979363.64	.19
BASE # 06		2861.840	1703		979345.15			

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* SOLO *
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****
LOOP NUMBER 29
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA E LINE 55700E
FROM 33000N TO 31000N

0140

Loop Time: 1.33 Hours
Loop Drift: -.084 Mgals
Drift Rate: -.063 Mgals/Hour

Operator: G.RAU
Gravimeter: Lacoste G#037
Date: 03/07/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 10		2883.710	0923		979367.01			
33000	55700	2883.710	0923	0120.08	979367.01	30.53060	979379.36	11.27
32900	55700	2883.760	0935	0120.33	979367.07	30.53150	979379.43	11.32
32800	55700	2883.890	0939	0120.64	979367.22	30.53240	979379.50	11.45
32700	55700	2884.080	0941	0120.34	979367.42	30.53330	979379.57	11.52
32600	55700	2884.370	0945	0120.76	979367.72	30.53420	979379.64	11.84
32500	55700	2884.550	0947	0122.61	979367.92	30.53510	979379.71	12.32
32400	55700	2884.960	0950	0122.00	979368.35	30.53600	979379.78	12.56
32300	55700	2884.970	0953	0122.24	979368.36	30.53690	979379.85	12.55
32200	55700	2885.150	0955	0122.56	979368.55	30.53780	979379.92	12.74
32100	55700	2885.290	0958	0122.62	979368.70	30.53870	979379.99	12.83
32000	55700	2885.450	1001	0122.74	979368.87	30.53960	979380.07	12.95
31900	55700	2885.550	1006	0122.96	979368.98	30.54050	979380.14	13.03
31800	55700	2885.510	1011	0123.53	979368.95	30.54140	979380.21	13.04
31700	55700	2885.900	1014	0123.22	979369.36	30.54230	979380.28	13.32
31600	55700	2886.180	1017	0122.82	979369.65	30.54320	979380.35	13.46
31500	55700	2886.440	1020	0122.34	979369.93	30.54410	979380.42	13.57
31400	55700	2886.690	1023	0122.10	979370.19	30.54500	979380.49	13.72
31300	55700	2886.950	1026	0121.98	979370.47	30.54590	979380.56	13.90
31200	55700	2887.180	1029	0121.88	979370.71	30.54680	979380.63	14.05
31100	55700	2887.430	1032	0121.91	979370.98	30.54770	979380.70	14.25
31000	55700	2887.800	1035	0122.00	979371.37	30.54860	979380.77	14.59
BASE # 10		2883.630	1043		979367.01			

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* SOLO *
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****
LOOP NUMBER 30
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: BASE TIES
FROM BASE 7 (BM4743) TO BASE 6

0141

Loop Time: 3.90 Hours
Loop Drift: -.021 Mgals
Drift Rate: -.005 Mgals/Hour

Operator: C.COLLOGAN
Gravimeter: Lacoste G#035
Date: 03/07/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 07		2845.450	0941		979350.60			
54200	17500	2840.230	1039	0117.40	979345.15	30.33980	979364.34	3.90
54200	17500	2840.270	1124	0117.40	979345.19	30.33980	979364.34	3.94
22222	22222	2845.470	1151	0116.32	979350.63	30.62760	979387.01	-13.50
54200	17500	2840.230	1226	0117.40	979345.16	30.33980	979364.34	3.91
BASE # 07		2845.430	1335		979350.60			

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* SOLO *
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****
LOOP NUMBER 31
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA B LINE 41200N
FROM 9200E TO 21200E

0142

Loop Time: 1.67 Hours
Loop Drift: .052 Mgals
Drift Rate: .031 Mgals/Hour

Operator: C.COLLOGAN
Gravimeter: Lacoste G#035
Date: 02/07/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 10		2883.630	1043		979367.01			
33100	55700	2883.410	1049	0120.20	979366.78	30.52970	979379.28	11.14
33200	55700	2882.980	1055	0120.67	979366.32	30.52880	979379.21	10.85
33300	55700	2882.650	1058	0120.67	979365.98	30.52790	979379.14	10.57
33400	55700	2882.410	1100	0120.75	979365.73	30.52700	979379.07	10.41
33500	55700	2882.140	1103	0120.59	979365.44	30.52610	979379.00	10.16
33600	55700	2882.130	1106	0119.73	979365.43	30.52520	979378.93	10.05
33700	55700	2881.960	1108	0119.29	979365.25	30.52430	979378.86	9.86
33800	55700	2881.660	1111	0119.31	979364.94	30.52340	979378.79	9.62
33900	55700	2881.280	1114	0119.46	979364.54	30.52250	979378.72	9.32
34000	55700	2880.840	1117	0119.70	979364.07	30.52160	979378.65	8.97
34100	55700	2880.370	1120	0119.84	979363.58	30.52070	979378.58	8.58
34200	55700	2880.210	1119	0119.61	979363.41	30.51980	979378.50	8.44
34300	55700	2879.650	1128	0120.26	979362.82	30.51890	979378.43	8.05
34400	55700	2879.130	1131	0121.02	979362.28	30.51800	979378.36	7.72
34500	55700	2878.740	1135	0121.37	979361.87	30.51710	979378.29	7.45
34600	55700	2878.270	1138	0121.52	979361.38	30.51620	979378.22	7.06
34700	55700	2878.030	1143	0121.24	979361.12	30.51530	979378.15	6.82
34800	55700	2877.600	1147	0120.90	979360.67	30.51440	979378.08	6.37
34900	55700	2877.180	1157	0121.01	979360.23	30.51350	979378.01	6.02
35000	55700	2876.760	1155	0121.20	979359.79	30.51260	979377.94	5.69
35200	55700	2876.070	1158	0120.53	979359.07	30.51080	979377.80	4.98
35400	55700	2875.050	1201	0120.68	979358.00	30.50900	979377.65	4.08
35700	55700	2873.610	1206	0118.52	979356.49	30.50630	979377.44	2.36
BASE # 10		2883.680	1223		979367.01			

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* SOLO *
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****
LOOP NUMBER 32
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

0143

Coverage: BASE TIE
FROM BASE 7 TO BASE 5

Loop Time: 1.00 Hours
Loop Drift: -.021 Mgals
Drift Rate: -.021 Mgals/Hour

Operator: C.COLLOGAN
Gravimeter: Lacoste G0035
Date: 03/07/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 07		2845.430	1335		979350.60			
40700	21200	2845.830	1412	0123.50	979351.03	30.46130	979373.90	1.43
40700	21200	2845.830	1413	0123.56	979351.03	30.46130	979373.90	1.44
BASE # 07		2845.410	1435		979350.60			

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* SOLO *
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****
LOOP NUMBER 33
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA E LINE 33000N
FROM 55200E TO 57200E

0144

Loop Time: 1.52 Hours
Loop Drift: -.094 Mgals
Drift Rate: -.062 Mgals/Hour

Operator: G.RAU
Gravimeter: Lacoste G#037
Date: 02/07/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 10		2883.680	1223		979367.01			
33000	55800	2883.570	1246	0120.52	979366.92	30.53060	979379.36	11.27
33000	55900	2883.360	1250	0120.64	979366.70	30.53060	979379.36	11.08
33000	56000	2883.430	1252	0120.55	979366.78	30.53060	979379.36	11.13
33000	56100	2883.480	1255	0120.16	979366.83	30.53060	979379.36	11.11
33000	56200	2883.520	1258	0119.96	979366.88	30.53060	979379.36	11.12
33000	56300	2883.580	1301	0119.62	979366.94	30.53060	979379.36	11.12
33000	56400	2883.470	1305	0119.50	979366.83	30.53060	979379.36	10.98
33000	56500	2883.430	1308	0119.33	979366.79	30.53060	979379.36	10.91
33000	56600	2883.380	1312	0119.23	979366.75	30.53060	979379.36	10.84
33000	56700	2883.220	1315	0119.28	979366.58	30.53060	979379.36	10.69
33000	56800	2883.150	1318	0119.17	979366.51	30.53060	979379.36	10.60
33000	56900	2883.100	1321	0119.07	979366.46	30.53060	979379.36	10.53
33000	57000	2883.040	1323	0118.51	979366.40	30.53060	979379.36	10.36
33000	57100	2882.830	1328	0118.82	979366.19	30.53060	979379.36	10.20
33000	57200	2882.730	1332	0119.09	979366.09	30.53060	979379.36	10.16
33000	57300	2882.560	1335	0119.14	979365.91	30.53060	979379.36	9.99
33000	57400	2882.470	1338	0118.76	979365.82	30.53060	979379.36	9.82
33000	57500	2882.230	1342	0119.06	979365.57	30.53060	979379.36	9.64
33000	57700	2881.930	1347	0119.27	979365.26	30.53060	979379.36	9.37
BASE # 10		2883.590	1354		979367.01			

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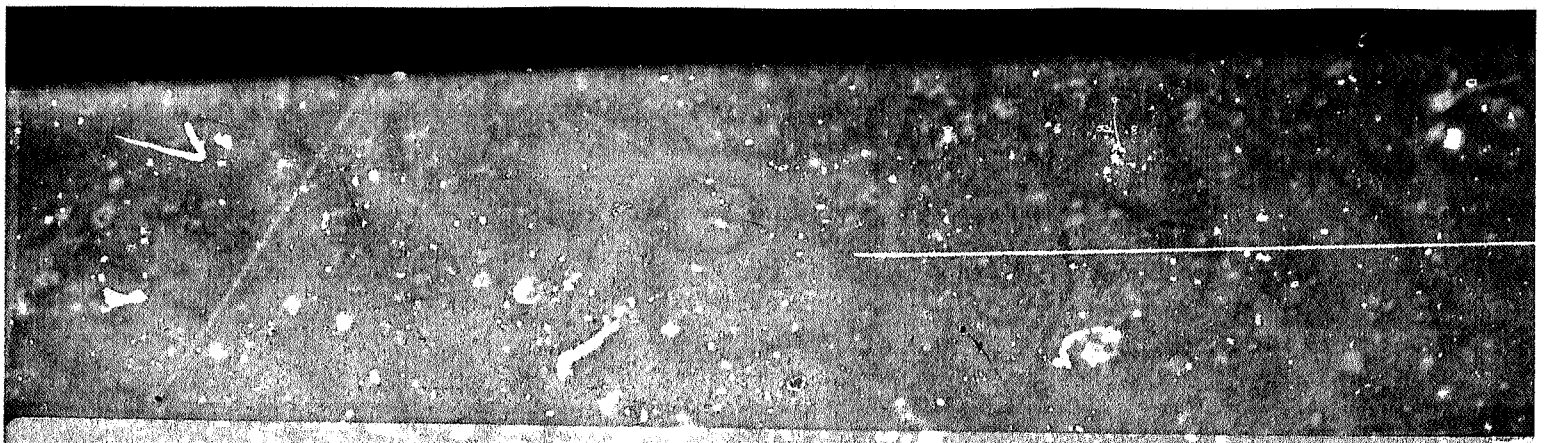

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* SOLO *
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****
LOOP NUMBER 34
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: BASE TIES
FROM BASE 3 TO BASE 2 TO
BASE 4

0145

Loop Time: 1.75 Hours
Loop Drift: .010 Mgals
Drift Rate: .006 Mgals/Hour

Operator: C.COLLOGAN
Gravimeter: Lacoste G#035
Date: 04/07/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 03		2845.310	1013		979349.50			
26700	40000	2875.420	1057	0000.00	979380.98	30.58730	979383.83	-2.85
24400	47600	2876.940	1128	0000.00	979382.57	30.60300	979385.46	-2.89
BASE # 03		2845.320	1158		979349.50			

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* SOLO *
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****
LOOP NUMBER 35
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: AREA E LINE 33000N
FROM 55700E TO 53700E

0146

Loop Time: 1.50 Hours
Loop Drift: -.042 Mgals
Drift Rate: -.028 Mgals/Hour

Operator: G.RAU
Gravimeter: Lacoste G#037
Date: 02/07/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 10		2883.590	1354		979367.01			
33000	55600	2883.780	1410	0119.82	979367.22	30.53060	979379.36	11.43
33000	55500	2883.600	1415	0120.43	979367.03	30.53060	979379.36	11.36
33000	55400	2883.710	1416	0120.43	979367.15	30.53060	979379.36	11.48
33000	55300	2883.680	1420	0120.45	979367.12	30.53060	979379.36	11.45
33000	55200	2883.690	1425	0120.56	979367.13	30.53060	979379.36	11.49
33000	55100	2883.640	1427	0120.94	979367.08	30.53060	979379.36	11.51
33000	55000	2883.640	1431	0120.73	979367.08	30.53060	979379.36	11.47
33000	54900	2883.980	1434	0119.95	979367.44	30.53060	979379.36	11.68
33000	54800	2883.850	1436	0120.60	979367.30	30.53060	979379.36	11.67
33000	54700	2883.810	1440	0120.97	979367.26	30.53060	979379.36	11.70
33000	54600	2883.930	1443	0121.06	979367.39	30.53060	979379.36	11.85
33000	54500	2884.210	1447	0121.02	979367.68	30.53060	979379.36	12.13
33000	54400	2884.280	1450	0121.32	979367.76	30.53060	979379.36	12.27
33000	54300	2884.390	1454	0121.39	979367.88	30.53060	979379.36	12.40
33000	54200	2884.520	1457	0121.36	979368.01	30.53060	979379.36	12.53
33000	54100	2884.760	1500	0121.29	979368.27	30.53060	979379.36	12.77
33000	54000	2884.850	1504	0121.18	979368.36	30.53060	979379.36	12.84
33000	53900	2884.980	1505	0120.82	979368.50	30.53060	979379.36	12.91
33000	53800	2885.080	1510	0120.38	979368.61	30.53060	979379.36	12.93
33000	53700	2885.140	1513	0120.37	979368.67	30.53060	979379.36	12.99
BASE # 10		2883.530	1524		979367.01			

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* SOLO *
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****
LOOP NUMBER 36
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK

Coverage: BASE TIE
FROM BASE 3 TO BASE 10
BASE 3 IS BM4638

0147

Loop Time: .83 Hours
Loop Drift: -.010 Mgals
Drift Rate: -.013 Mgals/Hour

Operator: C.COLLOGAN
Gravimeter: Lacoste G#035
Date: 04/07/80

LINE No.	STATION No.	METER READING	TIME	ELVN (meters)	OBSGRAV (mgals)	LATITUDE (degrees)	THGRAV (mgals)	BOUGUER D= 2.67
BASE # 03		2845.290	1305		979349.50			
0600	55700	2862.030	1332	0000.00	979367.01	30.52520	979378.93	-11.92
BASE # 03		2845.280	1355		979349.50			

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********** DATA REDUCTION PARAMETERS **********

IENT: AMOCO AUSTRALIA COMPANY
CATION: GAWLER BLOCK OOLDEA STH.AUSTRALIA

0148

BASE #	OBSERVED MAGNETICS (nTs)
	57860
	61720
3	57860
4	58850
	58958
	61962
10	59353
11	57860

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******** CATALOG OF RAW FIELD DATA ********

LOOP# 1	AREA C LINE 40000E	FROM 26200N TO 24700N
LOOP# 2	AREA C LINE 40000E	FROM 26700N TO 28700N
LOOP# 3	AREA D LINE 47600E	FROM 24400N TO 26400N
LOOP# 4	AREA C LINE 41100E	FROM 24900N TO 26900N
LOOP# 5	AREA D LINE 47600E	FROM 24400N TO 22400N
LOOP# 6	AREA B LINE 41200N	FROM 21300E TO 23200E
LOOP# 7	AREA B LINE 21200E	FROM 41200N TO 39200N
LOOP# 8	AREA B LINE 40700N	FROM 22700E TO 19700E
LOOP# 9	AREA B LINE 21200E	FROM 41200N TO 43200N
LOOP# 10	AREA A LINE 54200N	FROM 19500E TO 17500E
LOOP# 11	AREA B LINE 41700N	FROM 21200E TO 22800E
LOOP# 12	AREA A LINE 54200N	FROM 17500E TO 15500E
LOOP# 13	AREA B LINE 41200N	FROM 21100E TO 19600E
LOOP# 14	AREA C LINE 35000E	FROM 40000N TO 50000N
LOOP# 15	AREA C LINE 41100E	FROM 29000N TO 39900N
LOOP# 16	AREA B LINE 41200N	FROM 21100E TO 19200E
LOOP# 17	AREA C LINE 41100E	FROM 24500N TO 22500N
LOOP# 18	LINE 53700N	FROM 15900E TO 19100E
LOOP# 19	AREA C LINE 41100E	FROM 26900N TO 28900N
LOOP# 20	LINE 53200N	FROM 16100E TO 18900E
LOOP# 22	AREA A LINE 17500E	FROM 54300N TO 56200N
LOOP# 24	AREA A LINE 17500E	FROM 54100N TO 52200N
LOOP# 25	AREA A LINE 54700N	FROM 17500E TO 19100E
LOOP# 27	AREA A LINE 55200N	FROM 16100E TO 18900E
LOOP# 29	AREA E LINE 55700E	FROM 33000N TO 31000N
LOOP# 31	AREA E LINE 55700E	FROM 33000N TO 35700N
LOOP# 33	AREA E LINE 33000N	FROM 55700E TO 57700E
LOOP# 34	BASE TIES FROM BASE 3 TO BASE	2 TO BASE 4 BACK TO BASE 3
LOOP# 35	AREA E LINE 33000N	FROM 55700E TO 53700E
LOOP# 36	BASE TIES FROM BASE 3 TO	BASE 10 AREA E

0149

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* SOLO *
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****
LOOP NUMBER 1
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA C LINE 40000E
FROM 26200N TO 24700N

0150

Loop Time: 1.58 Hours
Loop Drift: 1.000 nTs
Drift Rate: -.632 nTs/Hour

Operator: J.FRYTAG
Meter: Scintrex MP-2
Date: 24/06/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 02		61721	1407	
26700	40000	61721	1407	62113
26600	40000	57675	1424	58067
26500	40000	57510	1428	57902
26400	40000	57400	1431	57792
26300	40000	57360	1436	57752
26200	40000	57354	1439	57746
26100	40000	57375	1442	57767
26000	40000	57375	1446	57767
25900	40000	57418	1449	57810
25800	40000	57425	1453	57817
25700	40000	57455	1457	57846
25600	40000	57525	1501	57916
25500	40000	57541	1503	57932
25400	40000	57417	1507	57808
25300	40000	57477	1510	57868
25200	40000	57565	1513	57956
25100	40000	57631	1517	58022
25000	40000	57630	1520	58021
24900	40000	57631	1524	58022
24800	40000	57704	1527	58095
24700	40000	57773	1531	58164
BASE # 02		61722	1542	

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****
LOOP NUMBER 2
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

0151

Coverage: AREA C LINE 40000E
FROM 26700N TO 28700N

Loop Time: 1.07 Hours
Loop Drift: 6.000 nTs
Drift Rate: -5.625 nTs/Hour

Operator: K.LEECH
Meter: Scintrex MP-2
Date: 24/06/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 02		61739	1406	
28700	40000	57566	1415	57939
28600	40000	57590	1419	57963
28500	40000	57561	1423	57933
28400	40000	57577	1428	57949
28300	40000	57602	1432	57974
28200	40000	57600	1438	57971
28100	40000	57630	1441	58001
28000	40000	57659	1444	58029
27900	40000	57653	1446	58023
27800	40000	57718	1447	58088
27700	40000	57954	1450	58324
27600	40000	57767	1452	58137
27500	40000	57662	1453	58032
27400	40000	57736	1455	58105
27300	40000	57888	1457	58257
27200	40000	58064	1500	58433
27100	40000	58091	1502	58460
27000	40000	58185	1503	58554
26900	40000	58367	1505	58735
26800	40000	59326	1507	59694
BASE # 02		61745	1510	

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****
LOOP NUMBER 3
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OODLEA STH.AUSTRALIA

Coverage: AREA D LINE 47600E
FROM 24400N TO 26400N

0152

Loop Time: 1.03 Hours
Loop Drift: -10.000 nTs
Drift Rate: 9.677 nTs/Hour

Operator: J.FRYTAG
Meter: Scintrex MP-2
Date: 25/06/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 04		58872	1154	
24400	47600	58872	1154	58850
24500	47600	58362	1157	58340
24600	47600	58025	1200	58004
24700	47600	57842	1202	57821
24800	47600	57777	1204	57757
24900	47600	57707	1208	57687
25000	47600	57653	1210	57634
25100	47600	57665	1213	57646
25200	47600	57691	1215	57672
25300	47600	57780	1218	57762
25400	47600	57813	1221	57795
25500	47600	57830	1223	57813
25600	47600	57831	1227	57814
25700	47600	57828	1230	57812
25800	47600	57817	1232	57801
25900	47600	57816	1234	57800
26000	47600	57783	1238	57768
26100	47600	57774	1241	57760
26200	47600	57759	1243	57745
26300	47600	57780	1246	57766
26400	47600	57762	1248	57749
BASE # 04		58862	1256	

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* SOLO *
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****
LOOP NUMBER 4
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA C LINE 41100E
FROM 24900N TO 26900N

0153

Loop Time: .50 Hours
Loop Drift: -2.000 nTs
Drift Rate: 4.000 nTs/Hour

Operator: C.COLLOGAN
Meter: Scintrex MP-2
Date: 28/06/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 02		61543	1503	
24900	41100	57557	1510	58127
25000	41100	57561	1511	58132
25100	41100	57560	1512	58131
25200	41100	57623	1513	58194
25300	41100	57685	1514	58256
25400	41100	57591	1515	58162
25500	41100	57465	1515	58036
25600	41100	57498	1516	58069
25700	41100	57518	1517	58089
25800	41100	57462	1518	58033
25900	41100	57444	1518	58015
26000	41100	57374	1519	57945
26100	41100	57307	1519	57878
26200	41100	57259	1520	57830
26300	41100	57203	1521	57774
26400	41100	57123	1521	57694
26500	41100	57090	1522	57661
26600	41100	57064	1523	57635
26700	41100	57002	1524	57573
26800	41100	56665	1525	57236
26900	41100	57643	1526	58215
BASE # 02		61541	1533	

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* SOLO *
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LOOP NUMBER 5

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA D LINE 47600E
FROM 24400N TO 22400N

0154

Loop Time: 1.03 Hours
Loop Drift: -2.000 nTs
Drift Rate: 1.935 nTs/Hour

Operator: J.FRYTAG
Meter: Scintrex MP-2
Date: 26/06/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 04		58862	1256	
24300	47600	58835	1302	58823
24200	47600	57876	1305	57864
24100	47600	57635	1307	57623
24000	47600	57685	1310	57673
23900	47600	57661	1312	57650
23800	47600	57555	1315	57544
23700	47600	57545	1318	57534
23600	47600	57518	1320	57507
23500	47600	57540	1323	57529
23400	47600	57559	1326	57548
23300	47600	57564	1328	57553
23200	47600	57578	1331	57567
23100	47600	57603	1333	57592
23000	47600	57622	1336	57611
22900	47600	57620	1339	57609
22800	47600	57630	1342	57619
22700	47600	57635	1344	57625
22600	47600	57650	1346	57640
22400	47600	57650	1349	57640
22400	47600	57675	1351	57665
BASE # 04		58860	1358	

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* SOLO *
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****
LOOP NUMBER 6
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA B LINE 41200N
FROM 21300E TO 23200E

Loop Time: .83 Hours
Loop Drift: -6.000 nTs
Drift Rate: 7.200 nTs/Hour

Operator: C.COLLOGAN
Meter: Scintrex MP-2
Date: 26/06/80

0155

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 05		58964	1320	
41200	21300	58842	1325	58837
41200	21400	58717	1327	58712
41200	21500	58610	1329	58605
41200	21600	58526	1331	58521
41200	21700	58425	1333	58421
41200	21800	58321	1335	58317
41200	21900	58196	1337	58192
41200	22000	58071	1339	58067
41200	22100	57976	1341	57973
41200	22200	57894	1343	57891
41200	22300	57840	1345	57837
41200	22400	57790	1348	57787
41200	22500	57766	1350	57764
41200	22600	57744	1352	57742
41200	22700	57745	1354	57743
41200	22800	57685	1356	57683
41200	22900	57728	1358	57727
41200	23000	57758	1358	57757
41200	23100	57743	1402	57742
41200	23200	57759	1403	57758
BASE # 05		58958	1410	

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****
LOOP NUMBER 7
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA B LINE 21200E
FROM 41200N TO 39200N

0156

Loop Time: .98 Hours
Loop Drift: -2.000 nTs
Drift Rate: 2.034 nTs/Hour

Operator: J.FRYTAG
Meter: Scintrex MP-2
Date: 26/06/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 05		58970	1250	
41200	21200	58970	1251	58958
41100	21200	58731	1254	58719
41000	21200	58460	1257	58448
40900	21200	58181	1300	58169
40800	21200	57906	1303	57894
40700	21200	57770	1305	57759
40600	21200	57675	1307	57664
40500	21200	57626	1310	57615
40400	21200	57610	1312	57599
40300	21200	57619	1315	57608
40200	21200	57655	1318	57644
40100	21200	57707	1320	57696
40000	21200	57659	1323	57648
39900	21200	57709	1325	57698
39800	21200	57733	1327	57722
39700	21200	57734	1330	57723
39600	21200	57741	1333	57730
39500	21200	57773	1336	57763
39400	21200	57768	1338	57758
39300	21200	57778	1340	57768
39200	21200	57782	1343	57772
BASE # 05		58968	1349	

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* SOLO *
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****
LOOP NUMBER 8
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA B LINE 40700N
FROM 22700E TO 19700E

0157

Loop Time: 1.75 Hours
Loop Drift: -13.000 nTs
Drift Rate: 7.429 nTs/Hour

Operator: K.LEECH
Meter: Scintrex MP-2
Date: 27/06/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 05		58965	1030	
40700	22700	57686	1045	57681
40700	22600	57745	1048	57740
40700	22500	57685	1051	57681
40700	22400	57685	1053	57681
40700	22300	57679	1055	57675
40700	22200	56679	1058	56675
40700	22100	57663	1100	57660
40700	22000	57673	1102	57670
40700	21900	57669	1104	57666
40700	21800	57670	1106	57667
40700	21700	57686	1109	57684
40700	29600	57703	1111	57701
40700	21500	57716	1113	57714
40700	21400	57736	1115	57735
40700	21300	57763	1118	57762
40700	21200	57788	1121	57787
40700	21100	57830	1124	57830
40700	21000	57853	1127	57853
40700	20900	57887	1129	57887
40700	20800	57928	1131	57929
40700	20700	57965	1133	57966
40700	20600	58007	1135	58008
40700	20500	58007	1137	58008
40700	20400	57979	1140	57981
40700	20300	57952	1142	57954
40700	20200	57915	1144	57917
40700	20100	57902	1146	57904
40700	20000	57927	1149	57930
40700	19900	57931	1151	57934
40700	19800	57958	1153	57961
40700	19700	58013	1156	58017
BASE # 05		58952	1215	

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****
LOOP NUMBER 9
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA B LINE 21200E
FROM 41200N TO 43200N

0158

Loop Time: 1.08 Hours
Loop Drift: -8.000 nTs
Drift Rate: 7.385 nTs/Hour

Operator: J.FRYTAG
Meter: Scintrex MP-2
Date: 26/06/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 05		58968	1349	
41300	21200	59176	1355	59167
41400	21200	59320	1358	59311
41500	21200	59385	1401	59376
41600	21200	59394	1403	59386
41700	21200	59389	1406	59381
41800	21200	59318	1409	59310
41900	21200	59223	1412	59216
42000	21200	59095	1414	59088
42100	21200	59048	1417	59041
42200	21200	58840	1419	58834
42300	21200	58721	1422	58715
42400	21200	58602	1425	58596
42500	21200	58519	1428	58514
42600	21200	58456	1431	58451
42700	21200	58382	1433	58377
42800	21200	58312	1436	58308
42900	21200	58270	1439	58266
43000	21200	58250	1441	58246
43100	21200	58272	1444	58269
43200	21200	58233	1447	58230
BASE # 05		58960	1454	

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* SOLO *
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****
LOOP NUMBER 10
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA A LINE 54200N
FROM 19500E TO 17500E

0159

Loop Time: .80 Hours
Loop Drift: 7.000 nTs
Drift Rate: -8.750 nTs/Hour

Operator: K.LEECH
Meter: Scintrex MP-2
Date: 30/06/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 06		61966	1332	
54200	19500	59998	1341	59993
54200	19400	58061	1343	58055
54200	19300	58121	1344	58115
54200	19200	58176	1345	58170
54200	19100	58253	1347	58247
54200	19000	58352	1349	58346
54200	18900	58497	1352	58490
54200	18800	58586	1354	58579
54200	18700	58734	1356	58727
54200	18600	58892	1358	58884
54200	18500	59111	1400	59103
54200	18400	59360	1402	59352
54200	18300	59655	1404	59646
54200	18200	60042	1406	60033
54200	18100	60394	1408	60385
54200	18000	60773	1410	60763
54200	17900	61201	1412	61191
54200	17800	61530	1414	61520
54200	17700	61806	1416	61796
54200	17600	61949	1418	61938
54200	17500	61973	1420	61962
BASE # 06		61973	1420	

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****
LOOP NUMBER 11
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA B LINE 41700N
FROM 21200E TO 22800E

0160

Loop Time: 1.13 Hours
Loop Drift: -5.000 nTs
Drift Rate: 4.412 nTs/Hour

Operator: J.FRYTAG
Meter: Scintrex MP-2
Date: 27/06/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 05		58968	1059	
41700	21200	59413	1105	59403
41700	21300	59325	1107	59316
41700	21400	59228	1111	59219
41700	21500	59141	1115	59132
41700	21600	59041	1117	59032
41700	21700	58895	1121	58887
41700	21800	58751	1124	58743
41700	21900	58601	1128	58593
41700	22000	58158	1132	58150
41700	22100	58335	1136	58328
41700	22200	58206	1139	58199
41700	22300	58103	1143	58096
41700	22400	58007	1146	58000
41700	22500	57936	1149	57930
41700	22600	57880	1153	57874
41700	22700	57836	1156	57830
41700	22800	57811	1159	57805
BASE # 05		58963	1207	

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* SOLO *
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****
LOOP NUMBER 12
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA A LINE 54200N
FROM 17500E TO 15500E

0161

Loop Time: .75 Hours
Loop Drift: -11.000 nTs
Drift Rate: 14.667 nTs/Hour

Operator: C.COLLOGAN
Meter: Scintrex MP-2
Date: 30/06/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 06		61973	1420	
54200	17500	61973	1420	61962
54200	17400	61818	1422	61807
54200	17300	61514	1425	61504
54200	17200	61106	1427	61097
54200	17100	60687	1429	60678
54200	17000	59982	1431	59974
54200	16900	59485	1433	59477
54200	16800	59111	1435	59104
54200	16700	58850	1437	58843
54200	16600	58664	1439	58658
54200	16500	58553	1441	58547
54000	16400	58523	1443	58518
54200	16300	58485	1445	58480
54200	16200	58522	1447	58518
54200	16100	58587	1449	58583
54200	16000	58688	1451	58685
54200	15900	58810	1453	58807
54200	15800	58935	1455	58933
54200	15700	59059	1457	59057
54200	15600	59132	1459	59131
54200	15500	59126	1501	59125
BASE # 06		61962	1505	

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****
LOOP NUMBER 13
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA B LINE 41300N
FROM 21100E TO 19600E

0162

Loop Time: 1.48 Hours
Loop Drift: -1.000 nTs
Drift Rate: .674 nTs/Hour

Operator: J.FRYTAG
Meter: Scintrex MP-2
Date: 27/06/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 05		58963	1207	
41700	21100	59472	1219	59467
41700	21000	59518	1224	59513
41700	20900	59588	1227	59583
41700	20800	59574	1231	59569
41700	20700	59537	1236	59532
41700	20600	59412	1238	59407
41700	20500	59272	1243	59267
41700	20400	59118	1245	59113
41700	20300	58975	1250	58970
41700	20200	58845	1254	58841
41700	20100	58707	1258	58703
41700	20000	58608	1301	58604
41700	19900	58510	1307	58506
41700	19800	58409	1311	58405
41700	19700	58340	1315	58336
41700	19600	58321	1319	58317
BASE # 05		58962	1336	

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* SOLO *
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****
LOOP NUMBER 14
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA C LINE 35000E
FROM 40000N TO 50000N

0163

Loop Time: 3.22 Hours
Loop Drift: -7.000 nTs
Drift Rate: 2.176 nTs/Hour

Operator: C.COLLOGAN
Meter: Scintrex MP-2
Date: 28/06/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 03		57855	1110	
40000	35000	57633	1157	57640
0500	35000	57777	1202	57784
1000	35000	57862	1207	57869
41500	35000	57932	1212	57939
42000	35000	57877	1217	57884
2500	35000	57916	1222	57924
3000	35000	57774	1228	57782
43500	35000	57762	1234	57770
4000	35000	57851	1238	57859
4500	35000	57857	1243	57865
45000	35000	58014	1248	58023
45500	35000	57945	1253	57954
6000	35000	58126	1258	58135
6500	35000	58231	1303	58240
47000	35000	58402	1308	58411
47500	35000	58511	1312	58520
8000	35000	58462	1316	58472
8500	35000	58318	1320	58328
49000	35000	58267	1330	58277
49500	35000	58214	1340	58224
0000	35000	58139	1347	58150
BASE # 03		57848	1423	

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****
LOOP NUMBER 15
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA C LINE 41100E
FROM 29000N TO 39900N

0164

Loop Time: 3.93 Hours
Loop Drift: -17.000 nTs
Drift Rate: 4.322 nTs/Hour

Operator: G.RAU
Meter: Scintrex MP-2
Date: 28/06/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 03		57864	1118	
29000	41100	57587	1148	57585
29500	41100	57982	1155	57981
30000	41100	58117	1212	58117
30500	51100	58117	1212	58117
31000	41100	57856	1229	57857
31500	41100	57748	1235	57750
32000	41100	57743	1244	57745
32500	41100	57885	1255	57888
33000	41100	57984	1304	57988
33500	41100	58094	1313	58098
34000	41100	57775	1321	57780
34500	41100	57727	1330	57733
35000	41100	57851	1335	57857
35500	41100	57904	1344	57911
36000	41100	57673	1350	57680
36500	41100	57678	1357	57685
37000	41100	57615	1408	57623
37500	41100	57641	1415	57650
38000	41100	57649	1423	57658
38500	41100	57596	1428	57606
39000	41100	57614	1435	57624
39500	41100	57600	1442	57611
39900	41100	57640	1448	57651
BASE # 03		57847	1514	

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* SOLO *
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****
LOOP NUMBER 16
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA B LINE 41200N
FROM 21100E TO 19200E

0165

Loop Time: .80 Hours
Loop Drift: -10.000 nTs
Drift Rate: 12.500 nTs/Hour

Operator: C.COLLOGAN
Meter: Scintrex MP-2
Date: 26/06/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 05		58958	1410	
41200	21100	59163	1414	59164
41200	21000	59243	1416	59244
41200	20900	59260	1418	59262
41200	20800	59262	1419	59264
41200	20700	59145	1421	59147
41200	20600	59022	1423	59025
41200	20500	58859	1425	58862
41200	20400	58648	1427	58652
41200	20300	58474	1429	58478
41200	20200	58336	1431	58340
41200	20100	58201	1433	58206
41200	20000	58150	1435	58155
41200	19900	58106	1437	58112
41200	19800	58087	1439	58093
41200	19700	58093	1442	58100
41200	19600	58108	1444	58115
41200	19500	58101	1446	58109
41200	19400	58074	1448	58082
41200	19300	57977	1450	57985
41200	19200	57926	1452	57935
BASE # 05		58948	1458	

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* SOLO *
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****
LOOP NUMBER 17
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA C LINE 41100E
FROM 24500N TO 22500N

0166

Loop Time: 2.80 Hours
Loop Drift: 27.000 nTs
Drift Rate: -9.643 nTs/Hour

Operator: G.RAU
Meter: Scintrex MP-2
Date: 28/06/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 03		57847	1514	
24500	41100	57523	1645	57521
24000	41100	57473	1655	57470
23500	41100	57488	1705	57483
23000	41100	57530	1715	57524
22500	41100	57372	1725	57364
BASE # 03		57874	1802	

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* SOLO *
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****
LOOP NUMBER 18
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: LINE 53700N
FROM 15900E TO 19100E

0167

Loop Time: 1.58 Hours
Loop Drift: 3.000 nTs
Drift Rate: -1.895 nTs/Hour

Operator: K.LEECH
Meter: Scintrex MP-2
Date: 02/07/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 06		61954	1340	
53700	17500	61286	1348	61294
53700	17400	61117	1353	61125
53700	17300	60741	1355	60749
53700	17200	60311	1357	60318
53700	17100	59763	1359	59770
53700	17000	59368	1401	59375
53700	16900	58926	1404	58933
53700	16800	58745	1407	58752
53700	16700	58499	1409	58506
53700	16600	58390	1410	58397
53700	16500	58334	1412	58341
53700	16400	58308	1414	58315
53700	16300	58351	1416	58358
53700	16300	58351	1416	58358
53700	16200	58390	1418	58397
53700	16100	58451	1420	58458
53700	16000	58554	1422	58561
53700	15900	58659	1424	58666
53700	17500	61285	1430	61291
53700	17600	61235	1433	61241
53700	17700	61123	1435	61129
53700	17800	60919	1437	60925
53700	17900	60635	1439	60641
53700	18000	60396	1441	60402
53700	18100	60063	1443	60069
53700	18200	59802	1445	59808
53700	18300	59544	1448	59550
53700	18400	59257	1451	59263
53700	18500	59058	1453	59064
53700	18600	58832	1455	58838
53700	18700	58635	1457	58641
53700	18800	58487	1459	58493
53700	18900	58344	1501	58349
53700	19000	58218	1503	58223
53700	19100	58121	1505	58126
BASE # 06		61957	1515	

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* SOLO *
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****
LOOP NUMBER 19
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA C LINE 41100E
FROM 26900N TO 28900N

0168

Loop Time: 0.00 Hours
Loop Drift: 0.000 nTs
Drift Rate: 7.429 nTs/Hour

Operator: G.RAU
Meter: Scintrex MP-2
Date: 03/07/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 02		61744	1552	
26900	41100	57841	1557	58211
27000	41100	60225	1558	60595
27100	41100	58508	1559	58878
27200	41100	58128	1600	58498
27300	41100	57925	1601	58295
27400	41100	57845	1602	58215
27500	41100	57995	1603	58365
27600	41100	58020	1604	58390
27700	41100	57785	1605	58156
27800	41100	57810	1606	58181
27900	41100	57712	1607	58083
28000	41100	57632	1608	58003
28100	41100	57591	1608	57962
28200	41100	57581	1609	57952
28300	41100	57630	1610	58001
28400	41100	57650	1611	58021
28500	41100	57737	1612	58108
28600	41100	57684	1613	58056
28700	41100	57641	1614	58013
28800	41100	57649	1614	58021
28900	41100	57620	1615	57992
BASE # 02		61744	1552	

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* SOLO *
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****
LOOP NUMBER 20
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: LINE 53200N
FROM 16100E TO 18900E

0169

Loop Time: 1.32 Hours
Loop Drift: 12.000 nTs
Drift Rate: -9.114 nTs/Hour

Operator: K.LEECH
Meter: Scintrex MP-2
Date: 02/07/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 06		61957	1515	
53200	17500	59508	1522	59512
53200	17400	59273	1524	59277
53200	17300	59065	1527	59068
53200	17200	58816	1529	58819
53200	17100	58605	1531	58608
53200	17000	58439	1533	58441
53200	16900	58322	1535	58324
53200	16800	58239	1537	58241
53200	16700	58188	1539	58189
53200	16600	58172	1541	58173
53200	16500	58195	1542	58196
53200	16400	58237	1544	58238
53200	16300	58289	1546	58289
53200	16200	58334	1548	58334
53200	16100	58381	1550	58381
53200	17500	59517	1556	59516
53200	17600	59646	1559	59644
53200	17700	59805	1602	59803
53200	17800	59916	1604	59914
53200	17900	60015	1606	60012
53200	18000	60040	1608	60037
53200	18100	59981	1610	59978
53200	18200	59864	1612	59860
53200	18300	59631	1614	59627
53200	18400	59333	1616	59329
53200	18500	59051	1618	59046
53200	18600	58784	1620	58779
53200	18700	58536	1622	58531
53200	18800	58340	1624	58335
53200	18900	58192	1626	58186
53200	17500	59521	1630	59515
BASE # 06		61969	1634	

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* SOLO *
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****
LOOP NUMBER 22
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA A LINE 17500E
FROM 54300N TO 56200N

0170

Loop Time: .42 Hours
Loop Drift: 5.000 nTs
Drift Rate: -12.000 nTs/Hour

Operator: K.LEECH
Meter: Scintrex MP-2
Date: 03/07/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 06		61974	1239	
54200	17500	61974	1239	61962
54300	17500	61804	1240	61792
54400	17500	61617	1241	61605
54500	17500	61253	1242	61240
54600	17500	60983	1243	60970
54700	17500	60676	1244	60663
54800	17500	60495	1245	60482
54900	17500	60305	1246	60292
55000	17500	60158	1247	60144
55100	17500	59971	1248	59957
55200	17500	59804	1249	59790
55300	17500	59648	1250	59634
55400	17500	59484	1251	59470
55500	17500	59304	1252	59289
55600	17500	59188	1253	59173
55700	17500	59057	1254	59042
55800	17500	58955	1255	58940
55900	17500	58863	1256	58848
56000	17500	58737	1257	58721
56100	17500	58673	1258	58657
56200	17500	58588	1259	58572
BASE # 06		61979	1304	

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* SOLO *
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****
LOOP NUMBER 24
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA A LINE 17500E
FROM 54100N TO 52200N

0171

Loop Time: .48 Hours
Loop Drift: -5.000 nTs
Drift Rate: 10.345 nTs/Hour

Operator: K.LEECH
Meter: Scintrex MP-2
Date: 03/07/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 06		61989	1038	
54100	17500	61994	1343	61999
54000	17500	61887	1044	61861
53900	17500	61723	1045	61697
53800	17500	61539	1046	61513
53700	17500	61317	1047	61292
53600	17500	61020	1048	60995
53500	17500	60660	1049	60635
53400	17500	60283	1050	60258
53300	17500	58852	1051	58827
53200	17500	59536	1052	59511
53100	17500	59292	1053	59268
53000	17500	59062	1054	59038
52900	17500	58925	1055	58901
52800	17500	58863	1056	58839
52700	17500	58811	1057	58787
52600	17500	58777	1058	58753
52500	17500	58776	1059	58753
52400	17500	58745	1100	58722
52300	17500	58659	1101	58636
52200	17500	58529	1102	58506
BASE # 06		61984	1107	

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* SOLO *
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****
LOOP NUMBER 25
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA A LINE 54700N
FROM 17500E TO 19100E

0172

Loop Time: 1.78 Hours
Loop Drift: 9.000 nTs
Drift Rate: -5.047 nTs/Hour

Operator: J.FRYTAG
Meter: Scintrex MP-2
Date: 01/07/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 06		61952	1339	
54700	17500	60676	1347	60685
54700	17400	60603	1352	60612
54700	17300	60508	1355	60517
54700	17200	60377	1358	60385
54700	17100	60163	1400	60171
54700	17000	59874	1403	59882
54700	16900	59533	1405	59541
54700	16800	59228	1408	59236
54700	16700	58953	1411	58960
54700	16600	58744	1414	58751
54700	16500	58603	1416	58610
54700	16400	58520	1419	58527
54700	16300	58486	1423	58492
54700	16200	58476	1425	58482
54700	16100	58524	1427	58530
54700	16000	58591	1429	58597
54700	15900	58681	1432	58687
54700	17600	60707	1441	60712
54700	17700	60685	1444	60690
54700	17800	60577	1447	60581
54700	17900	60336	1449	60340
54700	18000	60149	1452	60153
54700	18100	59882	1455	59886
54700	18200	59617	1457	59620
54700	18300	59373	1459	59376
54700	18400	59151	1502	59154
54700	18500	58934	1504	58937
54700	18600	58756	1507	58759
54700	18700	58613	1500	58616
54700	18800	58461	1512	58463
54700	18900	58357	1514	58359
54700	19000	58268	1517	58270
54700	19100	58189	1520	58191
BASE # 06		61961	1526	

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* SOLO *
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****
LOOP NUMBER 27
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA A LINE 55200N
FROM 16100E TO 18900E

0173

Loop Time: 1.60 Hours
Loop Drift: 16.000 nTs
Drift Rate: -10.000 nTs/Hour

Operator: J.FRYTAG
Meter: Scintrex MP-2
Date: 01/07/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 06		61961	1526	
55200	17500	59778	1538	59777
55200	17400	59811	1540	59810
55400	17300	59791	1542	59789
55200	17200	59710	1545	59708
55200	17100	59582	1547	59580
55200	17000	59388	1549	59385
55200	16900	59205	1552	59202
55200	16800	59040	1556	59036
55200	16700	58835	1558	58831
55200	16600	58693	1601	58688
55200	16500	58594	1604	58589
55200	16400	58528	1606	58522
55200	16300	58494	1609	58488
55200	16200	58490	1612	58483
55200	16100	58500	1614	58493
55200	17600	59757	1623	59749
55200	17700	59670	1626	59661
55200	17800	59548	1629	59539
55200	17900	59389	1631	59379
55200	18000	59255	1633	59245
55200	18100	59114	1635	59104
55200	18200	58963	1638	58952
55200	18300	58828	1640	58817
55200	18400	58693	1643	58681
55200	18500	58574	1645	58562
55200	18600	58440	1648	58427
55200	18700	58351	1650	58338
55200	18800	58271	1653	50258
55200	18900	58194	1655	58180
BASE # 06		61977	1702	

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* SOLO *
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****
LOOP NUMBER 29
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Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA E LINE 55700E
FROM 33000N TO 31000N

0174

Loop Time: 1.33 Hours
Loop Drift: -3.000 nTs
Drift Rate: 2.250 nTs/Hour

Operator: J.FRYTAG
Meter: Scintrex MP-2
Date: 03/07/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 10		59354	0923	
33000	55700	59354	0923	59353
32900	55700	59212	0935	59211
32800	55700	58846	0938	58846
32700	55700	58694	0938	58694
32600	55700	58419	0943	58419
32500	55700	58294	0947	58294
32400	55700	58247	0950	58247
32300	55700	58154	0952	58154
32200	55700	58116	0955	58116
32100	55700	58080	0958	58080
32000	55700	58133	1001	58133
31900	55700	58081	1006	58082
31800	55700	58086	1009	58087
31700	55700	58062	1012	58063
31600	55700	58117	1016	58118
31500	55700	58050	1019	58051
31400	55700	58045	1023	58046
31300	55700	58116	1026	58117
31200	55700	58123	1029	58124
31100	55700	58124	1032	58126
31000	55700	58226	1034	58228
BASE # 10		59351	1043	

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* SOLO *
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****
LOOP NUMBER 31
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA E LINE 55700E
FROM 33000N TO 35700N

0175

Loop Time: 1.67 Hours
Loop Drift: -8.000 nTs
Drift Rate: 4.800 nTs/Hour

Operator: J.FRYTAG
Meter: Scintrex MP-2
Date: 03/07/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 10		59351	1043	
33100	55700	59526	1050	59529
33200	55700	59472	1054	59475
33300	55700	59346	1057	59349
33400	55700	59134	1100	59137
33500	55700	59080	1103	59084
33600	55700	58814	1104	58818
33700	55700	58745	1107	58749
33800	55700	58676	1111	58680
33900	55700	58586	1114	58590
34000	55700	58473	1116	58478
34100	55700	58384	1119	58389
34200	55700	58287	1123	58292
34300	55700	58196	1128	58202
34400	55700	58125	1132	58131
34500	55700	58093	1136	58099
34600	55700	58056	1138	58062
34700	55700	58029	1143	58036
34800	55700	58033	1147	58040
34900	55700	57983	1151	57990
35000	55700	57972	1155	57980
35200	55700	57903	1157	57911
35400	55700	57893	1201	57901
35700	55700	57872	1204	57880
22222	22222	57847	1209	57856
BASE # 10		59343	1223	

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* SOLO *
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****
LOOP NUMBER 33
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA E LINE 33000N
FROM 55700E TO 57700E

0176

Loop Time: 2.10 Hours
Loop Drift: 181.000 nTs
Drift Rate: -86.190 nTs/Hour

Operator: J.FRYTAG
Meter: Scintrex MP-2
Date: 03/07/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 10		59149	1146	
33000	55800	59149	1124	59385
33000	55900	58985	1249	59099
33000	56000	58858	1252	58967
33000	56100	58736	1255	58841
33000	56200	58626	1258	58727
33000	56300	58550	1302	58645
33000	56400	58490	1304	58582
33000	56500	58430	1308	58516
33000	56600	58429	1312	58509
33000	56700	58453	1315	58529
33000	56800	58516	1318	58588
33000	56900	58643	1321	58711
33000	57000	58777	1325	58839
33000	57100	58922	1328	58979
33000	57200	59000	1332	59052
33000	57300	58972	1334	59021
33000	57400	58982	1337	59027
33000	57500	58980	1343	59016
33000	57700	58619	1145	58824
BASE # 10		59330	1352	

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* SOLO *
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**********:**********
LOOP NUMBER 34
**********:**********

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: BASE TIES FROM BASE 3 TO BASE 2 TO BASE 4 BACK TO BASE 3

0177

Loop Time: 1.65 Hours
Loop Drift: -9.000 nTs
Drift Rate: 5.455 nTs/Hour

Operator: C.COLLOGAN
Meter: Scintrex MP-2
Date: 04/07/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 3		57868	1022	
26700	40000	62113	1102	62109
24400	47600	58850	1132	58848
BASE # 3		57859	1201	

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* SOLO *
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****
LOOP NUMBER 35
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: AREA E LINE 33000N
FROM 55700E TO 53700E

0178

Loop Time: 1.20 Hours
Loop Drift: -299.000 nTs
Drift Rate: 249.167 nTs/Hour

Operator: J.FRYTAG
Meter: Scintrex MP-2
Date: 03/07/80

LINE No.	STATION No.	READING nT.	TIME	REDUCED VALUE
BASE # 10		59625	1410	
33000	55600	59625	1410	59353
33000	55500	59846	1413	59586
33000	55400	59975	1416	59728
33000	55300	59990	1419	59755
33000	55200	59880	1423	59662
33000	55100	59720	1427	59519
33000	55000	59565	1431	59380
33000	54900	59444	1434	59272
33000	54800	59461	1437	59301
33000	54700	59490	1439	59338
33000	54600	59522	1442	59383
33000	54500.	59428	1445	59301
33000	54400	59251	1450	59145
33000	54300	59084	1453	58991
33000	54200	58931	1456	58850
33000	54100	58862	1459	58793
33000	54000	58855	1459	58786
33000	53900	58836	1505	58792
33000	53800	58835	1509	58808
33000	53700	58760	1513	58750
BASE # 10		59326	1522	

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* SOLO *
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****
LOOP NUMBER 36
****

Client: AMOCO AUSTRALIA COMPANY
Location: GAWLER BLOCK OOLDEA STH.AUSTRALIA

Coverage: BASE TIES FROM BASE 3 TO BASE 10 AREA E

0179

Loop Time: .78 Hours
Loop Drift: -17.000 nTs
Drift Rate: 21.702 nTs/Hour

Operator: C.COLLOGAN
Meter: Scintrex MP-2
Date: 04/07/80

LINE No.	STATION No.	READING nT	TIME	REDUCED VALUE
BASE # 03		57860	1306	
33600	55700	59344	1332	59353
BASE # 03		57843	1353	

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APPENDIX III

0181

ANALYTICAL REPORT

JOB COM 800249

Results in ppm

SAMPLE	Cu	Pb	Zn	Ni	Co	ppb Hg
40000E - 26200N	14	12	46	22	8	<50
26300	18	16	55	28	10	<50
26500	16	14	50	22	8	<50
26600	14	12	36	22	6	<50
26700	14	12	40	18	6	<50
26800	20	18	55	30	6	<50
26900	20	16	50	24	8	<50
27100	16	12	38	22	6	<50
27300	16	16	44	20	6	<50
40000E - 27800N	20	14	60	30	8	<50

Method of Analysis - Cu, Pb, Zn, Ni, Co : AAS 1

Hg : AAS 7

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0182

ANALYTICAL REPORT

JOB COM 800370

Results in ppb

SAMPLE		Hg
21200E	42200N	-50
	42600N	-50
	43000N	-50
	42100N	-50
	42300N	-50
	42700N	-50
21200E	42900N	-50

Method of Analysis: AAS 7

- denotes less than

M.

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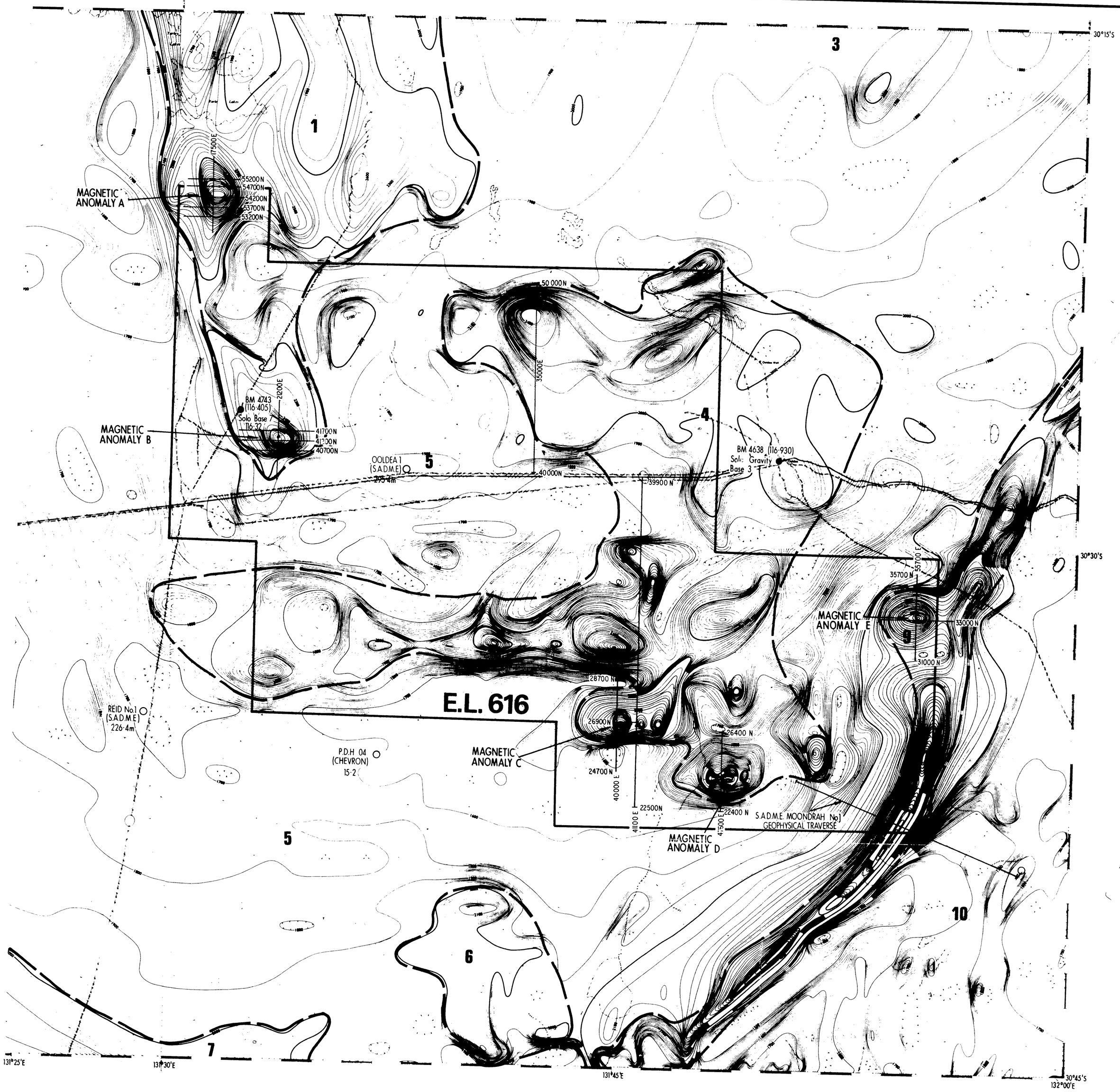
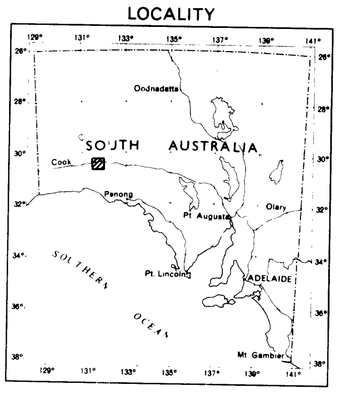
0183

SAMPLE	ppb Hg
54200N - 15600E	<50
16000	<50
16400	<50
16800	<50
17200	<50
17600	<50
18000	<50
18400	<50
18800	<50
54200N - 19200E	<50
21200E - 43200N	50
42800	50
42400	50
42000	<50
41600	<50
41200	<50
40800	<50
40400	<50
40000	<50
21200E - 39600N	<50
55700E - 31800N	<50
32200	<50
32600	<50
33000	<50
33400	<50
33800	<50
55700E - 34200N	<50
33000N - 54500E	<50
33000N - 54900E	<50
33000N - 55300E	<50
56100	<50
56500	<50
33000N - 56900E	<50

Method of Analysis - AAS 7



LOCALITY



REFRENCE Interpreted Aeromagnetic Provinces (A. Dodds)

1. Depth to Basement > 850 m ; high Amplitude Anomalies of considerable extent ; Possibly B.I.F and/or Basic Volcanics.
2. Basement Depths less than for Zone 1 (North of Plan)
3. Depth to Basement probably > 570 m ; extension of Tallaringa Trough ; flat magnetics with gentle gradients. Possibly suprabasement feature.
4. Basement Depths not estimated because of lack of continuity of features ; probably greater than 400 metres.
5. Similar to 3
6. Similar to 4
7. Depth to Basement > 100m
8. Similar to 4
9. Basement Depths from 70 to 240m, an extension of the Karari Fault Zone Linear Anomaly possibly a banded iron formation.
10. Shallow ? granite basement a distinct zone of sharp magnetic features

Note : Aeromagnetic Contours produced by S.A.D.M.E, based on 1·6 Km spaced east - west high lines.

1 0 1 2 3 4 5
KILOMETRES

AMOCO

Amoco Minerals Australia Company

Project BURRA			Nº A-79-63
Project Partner			
AEROMAGNETIC CONTOURS OF OOLDEA (E.L.616)			
3855 (I)-1			
Map Ref. ANG SH52-12	Latitude 30°30'S		Longitude 131°45'E
Surveyed G.C.M	Date 1-3-81	Scale 1:100 000	
Drawn	Date 24-3-81	Drawing Nº W2193	

Report

Enclosure

AMOCO MINERALS AUSTRALIA COMPANY

EXPLORATION LICENCE 616, OOLDEA

FIFTH QUARTERLY REPORT FOR PERIOD ENDING JULY 16th, 1981

CHECK LIST

- ● Mines Department
- o Perth
- o Sydney
- o Project Geologist
- o Spare

TABLE OF CONTENTS

KEY WORDS (Additional to these in Fourth Quarterly Report)

Nullarbor Limestone

Sandstone

Shale

Quartz

Felspar

Biotite

Sillimanite

Magnetite

Garnet

Hypersthene

Sapphirine

Granulite

Gneiss

Banded Iron Formation

AMOCO MINERALS AUSTRALIA COMPANY

EXPLORATION LICENCE 616, OOLDEA

(FIFTH) QUARTERLY REPORT FOR PERIOD ENDING JULY 16th, 1981

EXPLORATION.

Exploration completed during the quarter comprised 592 meters of percussion drilling with follow up geochemical, petrological, specific gravity and magnetic susceptibility work, and 17 kilometers of gridding levelling, magnetic and gravity traversing.

PERCUSSION DRILLING.

Hole No.	Location	Declination	Azimuth	Depth
ORP 1	41100E 26863N (Anomaly C)	-70^{o}	360	96 meters
ORP 2	21200E 41400N (Anomaly B)	Vertical	-	496 meters

The target for ORP 1 was a 9000 gamma/1.25 milligal anomaly which appeared to represent part of a linear magnetic iron formation beneath less than 50 meters of Nullarbor Limestone. After computer modelling, magnetic susceptibility was calculated at 0.337 cgs; no density contrast was calculated. The hole was drilled to gain information about the Precambrian Basement. A summary log is:

0-6 meters: Nullarbor Limestone.
6-96 meters: Magnetite bearing high granulite facies sedimentary gneisses including metamorphosed banded iron formations; hypersthene-sillimanite-quartz and sapphirine-quartz associations are indicative of high temperature and pressure formation. Four specific gravity measurements in fresh rock everaged 3.12; magnetic susceptibility averaged 33000 x 10^{-6} cgs (all magnetic susceptibility measurements on less than 1 kilogram percussion samples).

The target for hole ORP2 was a circular 1800 gamma, 1.45 milligal anomaly which appeared to be due to a non-linear source (width calculated at 750 meters, length not calculated) at a depth of 250 meters. After computer modelling, magnetic susceptibility was calculated at 0.08 cgs; density contrast was calculated at 0.29 gm/cm^3. A summary log is:

0-29 meters: Nullarbor Limestone; specific gravity 2.33.
29-440 meters: Probable Cambrian sandstone and shales. Specific gravity measurements averaged 2.40; magnetic susceptibility averaged 30 x 10^{-6} cgs.

440-496 meters; Quartz $\pm$ felspar, biotite, sillimanite, garnet gneiss; specific gravity averaged 2.63, magnetic susceptibility averaged 300 x 10^{-6} cgs. The basement rocks from this hole represent probable original sediments metamorphosed to upper amphibolite grade.

The percussion drilling appears to have satisfactorily explained the sources of magnetic/gravity anomalies B and C. The age of the basement rocks is uncertain but probably Lower Proterozoic or older. Routine geochemical and some X.R.F. analyses (appendix 3) failed to indicate zones of interest.

The locations of the two percussion drill holes are shown on plans 2369 and 2193; plans 2370 and 2371 are drill sections for ORP I and ORP 2, respectively. Drill logs are contained in appendix 1; appendix 2 is a petrological report.

GROUND GEOPHYSICS.

As part of an investigation of the Karari Fault aeromagnetic anomaly, three gridding, levelling, gravity and magnetic traverses were put north of, and six south of, the SADME Moondrah No.I. geophysical traverse crossing the south eastern corner of the Exploration Licence. Part of these traverses, amounting to approximately 17 line kilometers (170 station) were on E.L. 616; the rest were on E.L. 773. Data from these traverses has not yet been reduced and will be included in the sixth quarterly report.

EXPENDITURE.

Approximate expenditure for the quarter was:

Salaries	(4th quarter report preparation, drill hole monitering and sample preparation, ground surveying and geophysics).	$2100
Field Costs	(cookery, pegs, sample bags, two way radio hire, trailer hire, freight, field office rental).	2660
Annual rental in advance		675
Office supplies		150
Drilling		28,261
Supply of and freight for 5900 litre water tanker (ANR)		1032
Petrology		497
Geochemistry		1557
Overheads/administration		3820
	Total	$ 42,042.00

Cumulative expenditure on this Exploration Licence is now $64,098.00.

FUTURE WORK.

Future work will involve treatment of all ground geophysical data from the Karari Fault Zone area and a complete geophysical re-evaluation of the Licence area. A possibility being considered is a low level/aeromagnetic survey in the south eastern portion of the Licence where percussion hole ORP 1 indicates very shallow basement.

G.C. Miller
Senior Geologist - South Australia

September 23rd, 1981.

APPENDIX I: DRILL LOGS

Amoco Minerals Australia Company

DRILLHOLE Nº ORP 2 — Page I of I

drill log
metric

PROJECT	A79.63	**Nº**		**ELEVATION**	Vertical	**COMMENCED**	24.5.81
PROSPECT	Ooldea			**DIP COLLAR**		**COMPLETED**	28.5.81
CO-ORDINATES	41400 N	21200 E		**CORE SIZE**	Percussion	**TOTAL LENGTH**	496 meters
BEARING	G	M	T	**LOGGED BY**	G.C.M.		

BORE HOLE SURVEY

Depth	Dip	Bearing	Depth	Dip	Bearing	Depth	Dip	Bearing

METERAGE From	METERAGE To	DESCRIPTION	MINERALIZATION	SAMPLE Nº	METERAGE From	ASSAYS		
0	29	Tertiary: Nullarbor Limestone						
29	440	? Cambrian	Magnetic susceptibility			Specific gravity measurements		
29	76	Khaki brown fine sandstone	(x 10^{-5} S.I; 500-1000gm. samples)			(pulp samples).		
76	112	Dry grey-brown sandstone	From	to	Reading	From	to	Measurements
112	268	Brown fine grained sandstone	0	6	30	12	18	2.33
268	310	Mainly chocolate siltstone-shale with	30	36	35	42	48	2.06
		coarse felspathic sandstone sections	60	66	37	66	72	2.28
310	440	Mainly coarse felspathic sandstone	90	96	57	78	84	2.28
		with red-green siltstone-shale and	120	126	47	96	102	2.22
		coarse conglomeratic sections,	150	156	24	120	126	2.28
		especially near base of unit; some	180	186	20	156	162	2.27
		basement clasts.	210	216	14	186	192	2.67
440	496	Precambrian Crystalline Basement	240	246	22	210	218	2.29
		Massive to foliated quartz ± felspar	270	276	15	240	248	2.13
		biotite, magnetite, sillimanite,	300	306	28	276	282	2.50
		garnet gneiss; felspar porphyroblasts	330	336	25	306	312	2.56
		to 7mm; coarse prismatic sillimanite;	360	366	30	336	342	2.50
		abundant magnetite causes crushed	390	396	28	366	372	2.69
		chips to be attracted to hand magnet	420	426	41	396	402	2.50
			438	444	24	426	432	2.56
			450	456	250	444	450	2.67
			462	468	160	456	462	2.60
			474	480	74	468	474	2.63
			486	492	300	480	486	2.56
			492	498	400	492	498	2.67

Refer to appendix 2 for petrological descriptions and appendix 3 for geochemical - X.R.F. analyses.

Amoco Minerals Australia Company

DRILLHOLE Nº ORP I **drill log** metric

PROJECT A79-63 Nº	ELEVATION -70⁰	COMMENCED 23.5.81
PROSPECT Ooldea	DIP COLLAR	COMPLETED 23/5/81
CO-ORDINATES 26863 N 41100 E	CORE SIZE Percussion	TOTAL LENGTH 96 meters
BEARING North G M T	LOGGED BY G.C.M.	

BORE HOLE SURVEY: Depth | Dip | Bearing | Depth | Dip | Bearing | Depth | Dip | Bearing

Meterage From	Meterage To	Description
0	6	Tertiary : Nullarbor Limestone
6	96	Precambrian Crystalline Basement
6	10	Weathered gneiss
10	36	Buff coloured quartz, pyroxene, felspar, and magnetite (to 20%) granulite/gneiss
36	40	As above but more of a blue grey colour
40	42	Buff coloured again, considerable red felspar
42	96	Blue grey coloured, magnetite content possibly around 10%

MINERALIZATION

Magnetic susceptibility ($x 10^{-5}$ S.I; 500-1000gm. samples)

From	to	Reading
0	6	90
8	10	230
12	14	230
16	18	460
20	22	17000
24	26	6400
28	30	6000
32	34	3400
34	36	13000
36	38	18000
40	42	14000
44	46	41000
48	50	49000
52	54	56000
56	58	31000
60	62	45000
64	66	20000
68	70	23000
72	74	17000
76	78	39800
80	82	29000
84	86	31000
88	90	6900
92	94	21000
94	96	44000

ASSAYS

Refer to appendix 2 for petrological descriptions and appendix 3 for geochemical - X.R.F. analyses.

Specific gravity measurements (pulp)

From	to	Value
16	18	2.63
38	40	3.22
58	60	3.08
78	80	3.08
94	96	3.08

APPENDIX 2: PETROLOGICAL REPORT

Pontifex & Associates Pty. Ltd. 0195

TEL. 332 6744
A.H. 31 3816

26 KENSINGTON ROAD, ROSE PARK
SOUTH AUSTRALIA

P.O. BOX 91, NORWOOD
SOUTH AUSTRALIA 5067

MINERALOGICAL REPORT NO. 3343

by A.C. Purvis, PhD

26th June, 1981

TO: Mr. G. Miller,
Amoco Minerals Australia Co.,
P.O. Box 47,
NORWOOD, S.A. 5067

YOUR REFERENCE: Your Order No. W15913

MATERIAL: Drill chip samples

IDENTIFICATION: ORP1 and ORP2,
various intervals (14 in all)

WORK REQUESTED: Petrographic description

SAMPLES & SECTIONS: Returned to you
with this report

PONTIFEX & ASSOCIATES PTY. LTD.

4.79.63
M 554
497-00

COMMENTS

The rocks from ORP2 consist of a sequence of limonitic to calcareous and dolomitic siltstones, sandstones and pebbly grits, overlying basement gneisses. With regard to comparisons requested with sediments on Upper Eyre Peninsula, the comment is made that some of the sandstones have textural similarities with the Pandurra Formation, but the presence of oolitic limestones and loosely cemented grits suggests that the sequence is of Phanerozoic age rather than Adelaidean or older.

The basement rocks are retrogressed magnetite-rich sillimanite gneisses, and are broadly similar to those from the Kingoonya area previously described (KRP Series drill cuttings). They locally contain garnet-sillimanite assemblages and represent an upper amphibolite facies grade of metamorphism, probably of original sediments.

The basement rocks from ORP1 are however completely different from those of the Kingoonya area, since they comprise high granulite facies grade assemblages. Hornblende is rare and possibly of retrograde origin. Magnetite is abundant and commonly encloses spinel grains (pleonaste or hercynite), and is locally rimmed by sillimanite and/or hypersthene, or by garnet. The critical assemblage is hypersthene-sillimanite-quartz which suggests temperatures of about 900-1000^{o}C and pressures of 10 - 11 kilobars. The presence of quartz + orthoclase indicates low water pressures. Two probable sapphirine-quartz associations at 78-81 m support the high temperatures and pressures (which indeed are rather unique and rare in Australian metamorphic terrains).

These complex granulite facies rocks are interpreted as metasediments and include almost certain original banded iron formation.

There are no volcanic rocks in these holes ORP1 and ORP2.

ORP1, 10 - 12 m : basic granulites

The chips in this sample represent basic granulite metamorphic rocks, composed of essential orthopyroxene, clinopyroxene and plagioclase, with minor quartz, magnetite (5%), and hornblende. The average grain size is 1 mm, and most chips are granular textured.

One chip has coarse orthopyroxene prisms to 6 mm. In most of the chips clinopyroxene is more abundant than orthopyroxene and some lack orthopyroxene. Accessory brown hornblende occurs in one chip and rare biotite occurs in another.

ORP1, 58 - 60 m : granulitic metasedimentary gneisses

These cuttings also contain granulite facies rock types with a variety of assemblages as follows :-

1) spinel-biotite-sillimanite-apatite-plagioclase-quartz-magnetite (meta- banded iron formation), with possible retrogressed cordierite. The sillimanite occurs as rims on the magnetite lenses; the spinel occurs as inclusions in magnetite.

2) spinel-hypersthene-plagioclase-quartz-magnetite banded iron formation; with or without apatite and retrogressed cordierite

3) biotite-spinel-hypersthene-sillimanite-plagioclase-quartz-magnetite This is very high granulite facies assemblage with magnesian silicates, equivalent to pyrope-magnetite-quartz-felspar containing retrogressed cordierite.

4) orthopyroxene-clinopyroxene-quartz-felspar (sericitised) : fine grained (0.1 mm) basic granulites.

The magnetite commonly contains inclusions of spinel and may be rimmed by sillimanite or hypersthene.

ORP1, 38 - 40 m : granulitic gneisses;
some magnetite-rich (metasediments
including possible BIF)

This sample contains chips of coarse grained metasedimentary gneisses with variable composition, as follows:-

1) quartz-biotite-magnetite-plagioclase-orthoclase, with perthitic alkali felspar grains to 5 mm.

2) biotite-quartz-orthoclase : with a weak foliation and minor magnetite

3) hypersthene-diopside-quartz-magnetite (? banded iron formation) with very minor retrogressed plagioclase

4) magnetite-quartz-orthoclase-garnet with possible retrogressed cordierite

5) biotite-(spinel)-garnet-quartz-magnetite, possibly aluminous banded iron formation and locally with minor plagioclase

6) biotite-sillimanite-plagioclase-quartz (massive)

7) biotite-sillimanite-plagioclase-orthoclase.

The magnetite commonly contains inclusions of green spinel (hercynite or pleonaste) and rims of pyroxene or garnet.

ORP1, 78 - 81 m : granulitic metasedimentary gneisses

These chips of high grade, granulite facies metamorphic rocks include the following assemblages -

1) spinel-biotite-apatite-sillimanite-plagioclase-magnetite-quartz (meta- banded iron formation)

2) plagioclase-magnetite-quartz, also B.I.F.

3) hypersthene-spinel-sillimanite-plagioclase-magnetite-quartz, B.I.F.

4) biotite-sillimanite-quartz-orthoclase

5) hornblende-plagioclase-magnetite-quartz

6) spinel-magnetite-sillimanite, enclosed in vermicular ?quartz-biotite-hypersthene-sillimanite intergrowths, with ?cordierite-orthoclase intergrowths and coarse orthoclase; some of these intergrowths are possibly after garnet, formed by quartz + garnet = sillimanite + hypersthene, at very high pressured and temperatures. Possibly they formed from sillimanite-cordierite intergrowths, since one chip contains retrogressed cordierite.

7) a possible grain of sapphirine with quartz

8) some chips consist entirely of garnet

ORP2, 204 - 206 m : immature felspathic sandstones and silty dolomite

These cuttings represent mainly a sandstone facies with noteably angular grains, varying from 0.05 to 0.5 mm in a 'limonite' cement. Minor silty fine grained limestone chips are also present.

Some of the sandstones are relatively uniformly fine grained, in other chips fine grained layers are in contact with coarser, more poorly sorted layers. Detrital grains include quartz, microcline and sericitised plagioclase, with accessory magnetite in some chips.

The dolomites are variably massive to layered and contain minor detrital biotite as well as quartz and magnetite.

ORP2, 272 - 274 m : ferruginous siltstones and dolomite, also cemented felspathic sandstones

The chips in this sample include siltstones and sandstones but, unlike the sample from 204-206 m, in this sample the siltstones are limonite, and the sandstones have a dolomitic cement.

The siltstones contain detrital mica, quartz and felspars and very minor carbonate. They are locally layered, with lighter coloured (less limonitic) layers to 1 mm thick and locally thin (0.2 - 0.5 mm) sandstone layers.

The sandstones contain detrital quartz, alkali felspar and minor carbonate. Many of the quartz grains have thin optically continuous overgrowths and there is a sparse (10%) to abundant (30%) dolomite cement. One chip shows a bedding contact between siltstone and sandstone.

These rocks show some generalised similarities with Pandurra Formation sandstones and siltstones, but could be younger.

ORP2, 316 - 318 m : basement fragments and oolitic limestone

This sample contains a number of fragments of massive fine grained to oolitic limestone, some of which are variably altered to chalcedony or chert. Some contain rare detrital quartz grains. The oolites are up to 1 mm across, and commonly outlined by limonite.

Other rock types include limonitic fine grained sandstones as in ORP2, 204-206 m; coarse rounded, possibly detrital, quartz grains; a phlogopite-carbonate rock; and a number of retrogressed quartzofelspathic gneisses and metamorphic quartz fragments. These 'basement' fragments may represent clasts in coarse pebbly sandstones since they are well above the base of the sedimentary rock sequence.

ORP2, 358 - 360 m : basement fragments and felspathic sandstone

This sample contains rounded to angular quartz, microcline and retrogressed gneissic fragments to 4 mm across. Small fragments are locally aggregated into a loosely limonite-clay cemented sandstone (grain size 0.1 - 1 mm).

These chips may represent a loosely cemented pebbly sandstone (? palaeo weathering surface).

ORP2, 408 - 410 : limonitic felspathic quartz sandstone, siltstone and shale, with minor vein-quartz and retrogressed gneiss fragments

These chips largely represent limonite-rich sediments, ranging from finely laminated shale to magnetite-microcline-quartz sandstone, with grains up to 0.7 mm. One chip consists of interbedded sandstone and siltstone. Minor chips of vein-quartz, microcline and retrogressed gneiss are also present.

One chip is a limonite-poor, clay-rich siltstone with minor green to brown micas. This chip is oriented in the section parallel to the bedding, making identification of the micas difficult, but they appear to be biotite or chlorite.

ORP2, 440 - 442 m : granular gneisses;
(mylonitised) ribbon gneisses;
and minor limonitic sandstones

Many of the chips in this sample are granular leucogranite gneisses with sericitised/argillised plagioclase, and fresh perthitic orthoclase/microcline, which is a common assemblage in Eyre Peninsula basement rocks.

Some chips have a distinctive 'ribbon' texture with alternating layers of attenuated (mylonitised) quartz and felspar 0.2 - 1 mm wide (mostly about 0.2 mm wide). Some of the 'ribbon gneisses' contain minor garnet, and one chip has what appear to be limonite-quartz pseudomorphs after elongate garnet grains.

The limonitic sandstones have angular quartz and microcline grains and minor detrital mica to 0.3 mm in a limonitic cement.

ORP2, 444 - 446 m : massive and ribbon-textured (mylonitised) quartzofelspathic gneisses; also retrogressed magnetite-sillimanite gneisses (probable metasediments)

These cuttings contain quartzose and quartzofelspathic gneisses as in the previous sample. Most have altered (argillised) plagioclase rather than microcline or orthoclase and they range from massive to ribbon-textured. Some are protomylonites with dominant length-slow quartz. Some contain biotite, magnetite and garnet.

Many of the rocks appears to be metasediments with various proportions of quartz, biotite, magnetite and sericitised coarse prismatic sillimanite. In some chips the biotite is altered to chlorite and the sillimanite pseudomorphs have sub-basal fractures.

ORP2, 448 - 450 m : retrogressed metasedimentary gneisses with or without sillimanite

These are generally massive to foliated quartz-biotite-magnetite gneisses locally rich in altered felspar. Some contain garnet and a number have retrogressed coarse prismatic sillimanite. Some chips have a moderate apatite content.

ORP2, 478 - 480 m : retrogressed metasedimentary gneisses with quartz, felspar, biotite, magnetite, apatite, sillimanite and garnet

These are moderately to strongly layered quartz-biotite gneisses, containing fairly abundant magnetite. Retrogressed porphyroblasts of felspar and/or cordierite(?) measure up to 7 mm across. Some chips contain sillimanite prisms (sericitised) and garnet, with inclusions of sillimanite in some garnet grains, or in magnetite. Some chips are unusually rich in apatite (5%).

APPENDIX 3: GEOCHEMICAL - X.R.F. ANALYSES

COMLABS Pty Ltd
COMPUTERISED ANALYTICAL LABORATORIES

ANALYTICAL REPORT

0208

JOB COM810750 O/N : W 15920 ~~22~~

Results in ppm

SAMPLE	As	Ba	Sn	U	Mo	W	Ta	Hg
ORP 1 10 to 12	<2	15[illegible]	4	<4	<4	10	<10	<0.05
ORP 1 20 to 22	4	1300	10	<4	4	15	<10	<0.05
ORP 1 30 to 32	<2	1450	8	<4	<4	10	<10	<0.05
ORP 1 40 to 42	4	1400	8	<4	<4	<10	<10	<0.05
ORP 1 50 to 52	<2	1050	<4	<4	<4	<10	<10	<0.05
ORP 1 60 to 62	2	940	<4	<4	<4	10	<10	<0.05
ORP 1 70 to 72	2	970	<4	<4	<4	10	<10	<0.05
ORP 1 80 to 82	<2	830	14	<4	<4	<10	<10	<0.05
ORP 1 90 to 92	<2	1650	<4	<4	<4	<10	<10	<0.05
ORP 2 12 to 18	<2	<10	<4	<4	<4	<10	<10	<0.05
ORP 2 24 to 30	4	85	<4	<4	<4	<10	<10	<0.05
ORP 2 48 to 54	2	430	<4	<4	<4	<10	<10	<0.05
ORP 2 72 to 78	2	420	6	<4	<4	10	<10	<0.05
ORP 2 90 to 96	3	410	<4	<4	<4	<10	10	<0.05
ORP 2 108 to 114	3	470	4	<4	<4	<10	<10	<0.05
ORP 2 174 to 180	4	450	<4	<4	<4	<10	<10	<0.05
ORP 2 216 to 222	5	550	4	<4	<4	<10	<10	<0.05
ORP 2 264 to 270	2	260	<4	<4	<4	<10	<10	<0.05
ORP 2 300 to 306	2	190	<4	<4	<4	<10	<10	<0.05
ORP 2 324 to 330	<2	260	4	<4	<4	<10	<10	<0.05
ORP 2 354 to 360	2	250	<4	<4	4	<10	<10	<0.05
ORP 2 396 to 402	2	900	4	<4	<4	<10	<10	<0.05
ORP 2 432 to 438	<2	1050	<4	<4	<4	<10	<10	<0.05
ORP 2 438 to 444	2	970	<4	<4	<4	10	<10	<0.05
ORP 2 444 to 450	<2	710	6	<4	<4	10	<10	<0.05

Profid 8-7963 EL 616.

.../ 2

...MLABS Pty Ltd
...UTERISED ANALYTICAL LABORATORIES

ANALYTICAL REPORT

JOB COM810750 O/N : W 15920 22 0209

Results in ppm

SAMPLE	As	Ba	Sn	U	Mo	W	Ta	Hg
ORP 2 468 to 474	2	590	6	<4	<4	<10	<10	<0.05
ORP 2 494 to 496	<2	650	8	<4	<4	<10	<10	<0.05

Method of Analysis : As Ba Sn U Mo W Ta : XRFI
: Hg : AAS7

TOTAL COST: $52.60

cost. 993.30

0210

COMLABS Pty Ltd
COMPUTERISED ANALYTICAL LABORATORIES

ANALYTICAL REPORT

JOB COM810750 O/N : 15919 ~~21~~

Results in ppm

SAMPLE			Cu	Pb	Zn	Ni	Co	Bi	Au	Ag
ORP 1	0 to	6	42	12	42	16	12	<4	<0.05	<1
ORP 1	6 to	8	44	8	55	20	55	<4	<0.05	<1
ORP 1	8 to	10	50	8	42	20	44	<4	<0.05	<1
ORP 1	10 to	12	60	4	38	24	16	<4	<0.05	<1
ORP 1	12 to	14	65	8	48	32	16	<4	<0.05	<1
ORP 1	14 to	16	24	<4	36	28	16	<4	<0.05	<1
ORP 1	16 to	18	24	4	75	32	12	<4	0.10	<1
ORP 1	18 to	20	20	<4	80	16	8	<4	<0.05	<1
ORP 1	20 to	22	20	<4	45	16	8	<4	<0.05	<1
ORP 1	22 to	24	32	<4	55	16	8	<4	<0.05	<1
ORP 1	24 to	26	44	4	70	16	8	<4	0.05	<1
ORP 1	26 to	28	28	<4	46	16	12	<4	<0.05	<1
ORP 1	28 to	30	18	<4	44	12	8	<4	<0.05	<1
ORP 1	30 to	32	10	<4	34	12	8	<4	<0.05	<1
ORP 1	32 to	34	8	<4	55	12	8	<4	<0.05	<1
ORP 1	34 to	36	12	4	36	20	8	<4	<0.05	<1
ORP 1	36 to	38	14	<4	38	28	12	<4	<0.05	<1
ORP 1	38 to	40	10	<4	26	4	4	<4	<0.05	<1
ORP 1	40 to	42	12	<4	50	16	8	<4	<0.05	<1
ORP 1	42 to	44	14	<4	24	8	4	<4	<0.05	<1
ORP 1	44 to	46	12	<4	22	8	4	<4	<0.05	<1
ORP 1	46 to	48	16	<4	24	8	4	<4	<0.05	<1
OPP 1	48 to	50	16	95	50	12	8	<4	<0.05	<1
ORP 1	50 to	52	12	<4	22	8	4	<4	<0.05	<1
ORP 1	52 to	54	16	160	20	8	4	<4	<0.05	<1

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COMLABS Pty Ltd
COMPUTERISED ANALYTICAL LABORATORIES

ANALYTICAL REPORT

0211

JOB COM810750 O/N : 15919 ~~21~~

Results in ppm

SAMPLE	Cu	Pb	Zn	Ni	Co	Bi	Au	Ag
ORP 1 54 to 56	12	<4	32	8	4	<4	<0.05	<1
ORP 1 56 to 58	12	<4	24	12	4	<4	<0.05	<1
ORP 1 58 to 60	18	44	22	16	8	<4	<0.05	<1
ORP 1 60 to 62	16	140	18	12	8	<4	<0.05	<1
ORP 1 62 to 64	24	4	22	8	4	<4	<0.05	<1
ORP 1 64 to 66	14	8	28	8	4	<4	<0.05	<1
ORP 1 66 to 68	22	4	20	8	4	<4	<0.05	<1
ORP 1 68 to 70	16	4	22	8	4	<4	<0.05	<1
ORP 1 70 to 72	12	12	22	4	8	<4	<0.05	<1
ORP 1 72 to 74	20	12	36	4	4	<4	<0.05	<1
ORP 1 74 to 76	16	<4	22	12	4	<4	<0.05	<1
ORP 1 76 to 78	20	<4	20	4	4	<4	<0.05	<1
ORP 1 78 to 80	16	4	20	8	4	<4	<0.05	<1
ORP 1 80 to 82	14	<4	36	12	4	<4	<0.05	<1
ORP 1 82 to 84	14	<4	20	8	4	<4	<0.05	<1
ORP 1 84 to 86	12	<4	20	12	4	<4	<0.05	<1
ORP 1 86 to 88	22	<4	32	12	8	<4	<0.05	<1
ORP 1 88 to 90	12	4	80	8	8	<4	<0.05	<1
ORP 1 90 to 92	10	4	24	12	8	<4	<0.05	<1
ORP 1 92 to 94	10	8	24	8	4	<4	<0.05	<1
ORP 1 94 to 96	20	8	24	8	4	<4	<0.05	<1
ORP 2 0 to 6	10	8	12	<4	<4	<4	<0.05	<1
ORP 2 6 to 12	8	4	12	<4	<4	<4	0.05	<1
ORP 2 12 to 18	4	<4	12	<4	<4	<4	<0.05	<1
ORP 2 18 to 24	6	4	10	<4	<4	<4	<0.05	<1

.../ 5

OMLABS Pty Ltd
COMPUTERISED ANALYTICAL LABORATORIES

ANALYTICAL REPORT

0212

JOB COM810750 O/N : 15919 21

Results in ppm

SAMPLE	Cu	Pb	Zn	Ni	Co	Bi	Au	Ag
ORP 2 24 to 30	4	8	34	8	<4	<4	<0.05	<1
ORP 2 30 to 36	24	8	32	24	16	<4	<0.05	<1
ORP 2 36 to 42	20	8	28	20	12	<4	<0.05	<1
ORP 2 42 to 48	12	8	22	20	12	<4	<0.05	<1
ORP 2 48 to 54	6	8	20	16	12	<4	<0.05	<1
ORP 2 54 to 60	8	12	135	20	12	<4	<0.05	<1
ORP 2 60 to 66	6	12	85	20	12	<4	<0.05	<1
ORP 2 66 to 72	8	8	22	16	12	<4	<0.05	<1
ORP 2 72 to 78	4	8	26	20	16	<4	<0.05	<1
ORP 2 78 to 84	8	8	46	20	12	<4	<0.05	<1
ORP 2 84 to 90	10	12	80	16	12	<4	<0.05	<1
ORP 2 90 to 96	4	8	22	20	12	<4	<0.05	<1
ORP 2 96 to 102	8	8	40	20	16	<4	<0.05	<1
ORP 2 102 to 108	6	12	50	20	12	<4	0.05	<1
ORP 2 108 to 114	6	12	60	20	8	<4	<0.05	<1
ORP 2 114 to 120	12	16	75	20	12	<4	<0.05	<1
ORP 2 120 to 126	8	12	46	16	8	<4	<0.05	<1
ORP 2 126 to 132	8	12	48	20	8	<4	<0.05	<1
ORP 2 132 to 138	6	8	60	20	8	<4	<0.05	<1
ORP 2 138 to 144	10	12	42	20	8	<4	<0.05	<1
ORP 2 144 to 150	8	8	48	20	8	<4	<0.05	<1
ORP 2 150 to 156	8	8	55	20	8	<4	<0.05	<1
ORP 2 156 to 162	12	8	55	20	8	<4	<0.05	<1
ORP 2 162 to 168	10	8	55	20	8	<4	<0.05	<1
ORP 2 168 to 174	10	8	38	16	8	<4	<0.05	<1

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OMLABS Pty Ltd
COMPUTERISED ANALYTICAL LABORATORIES

ANALYTICAL REPORT

JOB COM810750 O/N : 15919 21 0213

Results in ppm

SAMPLE	Cu	Pb	Zn	Ni	Co	Bi	Au	Ag
ORP 2 174 to 180	8	12	46	16	8	<4	<0.05	<1
ORP 2 180 to 186	10	16	50	16	8	<4	<0.05	<1
ORP 2 186 to 192	14	8	50	20	8	<4	<0.05	<1
ORP 2 192 to 198	16	8	48	16	8	<4	<0.05	<1
ORP 2 198 to 204	14	16	130	20	8	<4	<0.05	<1
ORP 2 204 to 210	16	8	60	20	8	<4	<0.05	<1
ORP 2 210 to 216	10	4	40	20	8	<4	<0.05	<1
ORP 2 216 to 222	8	8	36	16	8	<4	<0.05	<1
ORP 2 222 to 228	12	8	75	20	8	<4	<0.05	<1
ORP 2 228 to 234	20	12	55	24	12	<4	<0.05	<1
ORP 2 234 to 240	16	16	60	20	12	<4	<0.05	<1
ORP 2 240 to 246	16	8	50	20	12	<4	<0.05	<1
ORP 2 246 to 252	12	8	50	20	8	<4	<0.05	<1
ORP 2 252 to 258	14	12	44	20	8	<4	<0.05	<1
ORP 2 258 to 264	12	8	105	20	8	<4	<0.05	<1
ORP 2 264 to 270	6	8	55	12	8	<4	<0.05	<1
ORP 2 270 to 276	8	4	55	16	12	<4	<0.05	<1
ORP 2 276 to 282	24	8	85	20	16	<4	0.15	<1
ORP 2 282 to 288	12	8	75	16	8	<4	<0.05	<1
ORP 2 288 to 294	10	12	50	16	8	<4	<0.05	<
ORP 2 294 to 300	14	8	65	16	8	<4	<0.05	<
ORP 2 300 to 306	6	8	110	12	4	<4	<0.05	<
ORP 2 306 to 312	8	4	36	8	<4	<4	<0.05	<
ORP 2 312 to 318	8	<4	18	8	<4	<4	0.15	<
ORP 2 318 to 324	8	4	42	16	<4	<4	<0.05	<

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OMLABS Pty Ltd
COMPUTERISED ANALYTICAL LABORATORIES

ANALYTICAL REPORT

0214

JOB COM810750 O/N : 15919 21

Results in ppm

SAMPLE	Cu	Pb	Zn	Ni	Co	Bi	Au	Ag
ORP 2 324 to 330	4	<4	36	12	<4	<4	<0.05	<1
ORP 2 330 to 336	6	4	60	12	<4	<4	0.10	<1
ORP 2 336 to 342	6	4	145	4	<4	<4	<0.05	<1
ORP 2 342 to 348	4	<4	10	8	<4	<4	<0.05	<1
ORP 2 348 to 354	4	<4	14	4	<4	<4	<0.05	<1
ORP 2 354 to 360	2	4	22	<4	<4	<4	<0.05	<1
ORP 2 360 to 366	6	4	110	8	<4	<4	<0.05	<1
ORP 2 366 to 372	6	<4	20	12	<4	<4	<0.05	<1
ORP 2 372 to 378	6	<4	8	12	<4	<4	<0.05	<1
ORP 2 378 to 384	6	<4	8	8	<4	<4	<0.05	<1
ORP 2 384 to 390	6	<4	14	12	<4	<4	<0.05	<1
ORP 2 390 to 396	4	4	16	8	<4	<4	<0.05	<1
ORP 2 396 to 402	4	<4	14	12	<4	<4	<0.05	<1
ORP 2 402 to 408	4	<4	10	12	<4	<4	<0.05	<1
ORP 2 408 to 414	4	4	75	12	4	<4	<0.05	<1
ORP 2 414 to 420	4	<4	12	8	<4	<4	<0.05	<1
ORP 2 420 to 426	8	44	1950	12	<4	<4	<0.05	<1
ORP 2 426 to 432	4	<4	14	12	<4	<4	<0.05	<1
ORP 2 432 to 438	4	<4	20	12	4	<4	<0.05	<1
ORP 2 438 to 444	4	4	30	16	8	<4	<0.05	<1
ORP 2 444 to 450	4	8	65	16	8	<4	<0.05	<1
ORP 2 450 to 456	6	4	65	12	8	<4	<0.05	<1
ORP 2 456 to 462	6	<4	80	20	16	<4	<0.05	<1
ORP 2 462 to 468	18	4	60	24	12	<4	<0.05	<1
ORP 2 468 to 474	8	<4	70	24	12	<4	<0.05	<1

.../ 8

UMLABS Pty Ltd
COMPUTERISED ANALYTICAL LABORATORIES

ANALYTICAL REPORT

0215

JOB COM810750 O/N : 15919 21

Results in ppm

SAMPLE	Cu	Pb	Zn	Ni	Co	Bi	Au	Ag
ORP 2 474 to 480	8	4	85	28	16	<4	<0.05	<1
ORP 2 480 to 488	12	<4	65	24	12	<4	<0.05	<1
ORP 2 488 to 494	10	<4	100	24	12	<4	<0.05	<1
ORP 2 494 to 496	8	8	80	28	12	<4	<0.05	<1

Method of Analysis : Cu Pb Zn Ni Co Bi : AAS1
Ag : AAS3
Au : AAS5

Total cost: $13.65.90

COMLABS Pty Ltd
COMPUTERISED ANALYTICAL LABORATORIES

ANALYTICAL REPORT

JOB COM811002 O/N : W 15949

0216

Results in ppm

	SAMPLE	Ba	Sn	W	As	U
ORP 1	10 to 12	145	<4	10	4	<4
ORP 1	12 to 14	380	4	<10	4	<4
ORP 1	14 to 16	730	<4	<10	10	<4
ORP 1	16 to 18	600	<4	10	3	<4
ORP 1	18 to 20	510	4	10	55	<4
ORP 1	20 to 22	1350	4	15	5	<4
ORP 1	22 to 24	1050	4	10	4	4
ORP 1	24 to 26	990	<4	<10	7	<4
ORP 1	26 to 28	1150	<4	10	4	<4
ORP 1	28 to 30	1300	<4	<10	2	4
ORP 1	30 to 32	1400	<4	10	3	8
ORP 1	32 to 34	1250	<4	10	<2	<4
ORP 1	34 to 36	1150	<4	<10	4	<4
ORP 1	36 to 38	870	<4	<10	6	<4
ORP 1	38 to 40	790	<4	<10	3	<4
ORP 1	40 to 42	1350	6	<10	2	<4
ORP 1	42 to 44	1200	8	10	2	<4
ORP 1	66 to 68	1400	12	<10	<2	<4
ORP 1	68 to 70	1600	8	<10	<2	<4
ORP 1	70 to 72	970	<4	<10	<2	<4
ORP 1	72 to 74	950	10	10	3	<4
ORP 1	74 to 76	1100	8	<10	<2	<4
ORP 1	76 to 78	800	10	<10	3	<4
ORP 1	78 to 80	1050	6	<10	3	<4
ORP 1	80 to 82	810	6	<10	<2	<4

.../ 2

COMLABS Pty Ltd
COMPUTERISED ANALYTICAL LABORATORIES

ANALYTICAL REPORT

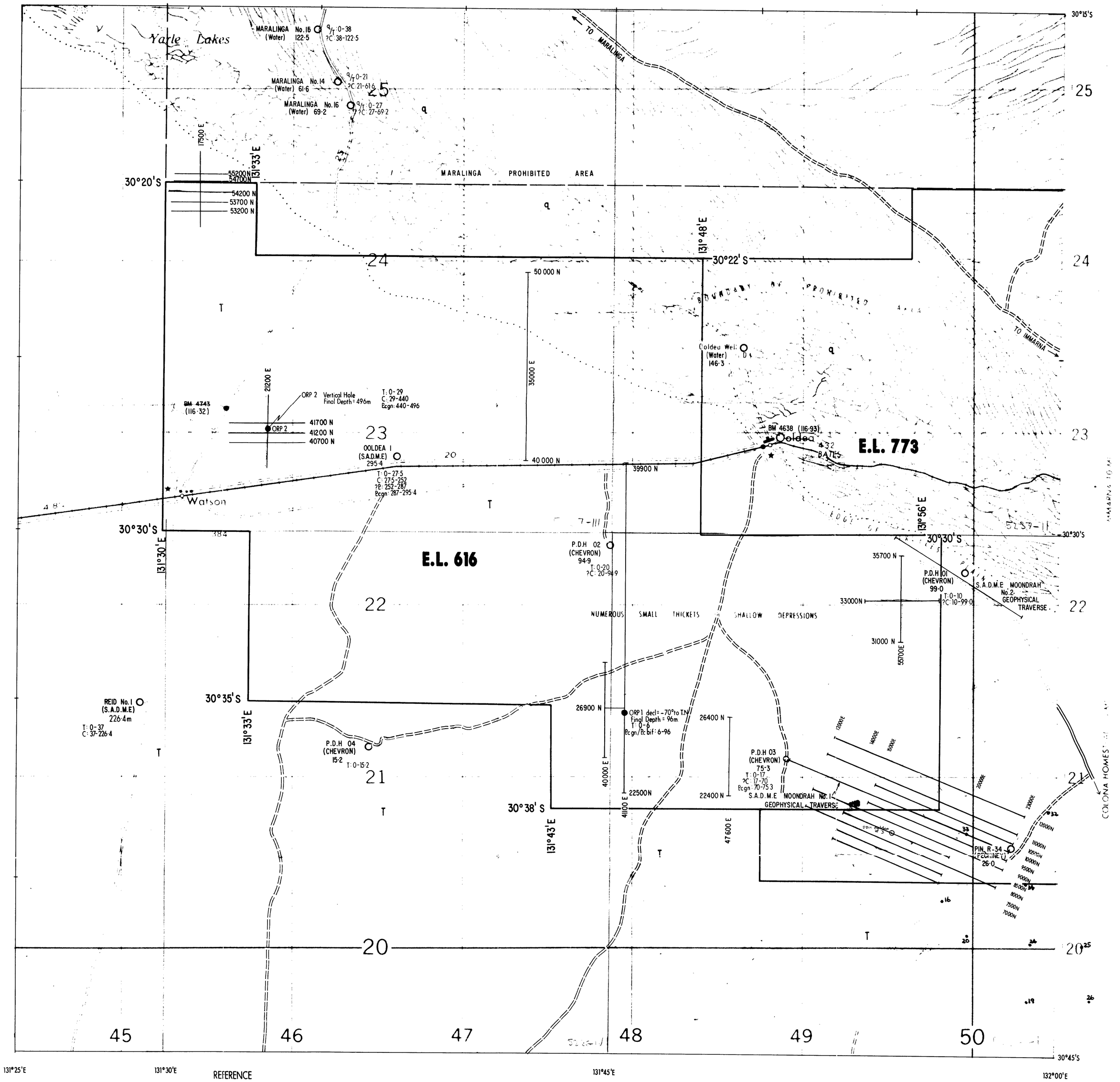
JOB COM811002 O/N : W 15949 0217

Results in ppm

SAMPLE	Ba	Sn	W	As	U
ORP 1 82 to 84	740	10	<10	4	<4
ORP 1 84 to 86	870	<4	<10	2	<4
ORP 1 86 to 88	590	10	<10	6	<4

Method of Analysis : Ba Sn W As U : XRF1

C057 $190-40



REFERENCE

SEDIMENTARY COVER SEQUENCE

- q — QUATERNARY: SAND DUNES
- T — TERTIARY: NULLARBOR LIMESTONE
- C — CAMBRIAN: OBSERVATORY HILL BEDS? SANDSTONES AND SHALES
- P — ?PROTEROZOIC: UNDIFFERENTIATED

PRECAMBRIAN CRYSTALLINE BASEMENT

- Pc gn — UNDIFFERENTIATED GNEISSES
- Pc Bif — BANDED IRON FORMATION (metamorphosed)

..... APPROXIMATE GEOLOGICAL BOUNDARY

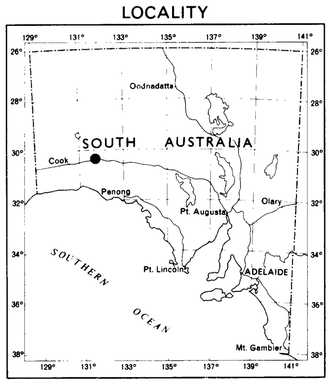
LEDGEND

- Railway
- Road
- Track
- Bench Mark
- Drill Hole, with depth in metres.
- Grid Line

NOTES: 1 AMOCO DRILLHOLES ARE PREFIXED WITH O.R.P.
2 OOLDEA No1 and REID No1 were partly diamond core holes
AMOCO and CHEVRON holes were percussion drilled

KILOMETRES

LOCALITY



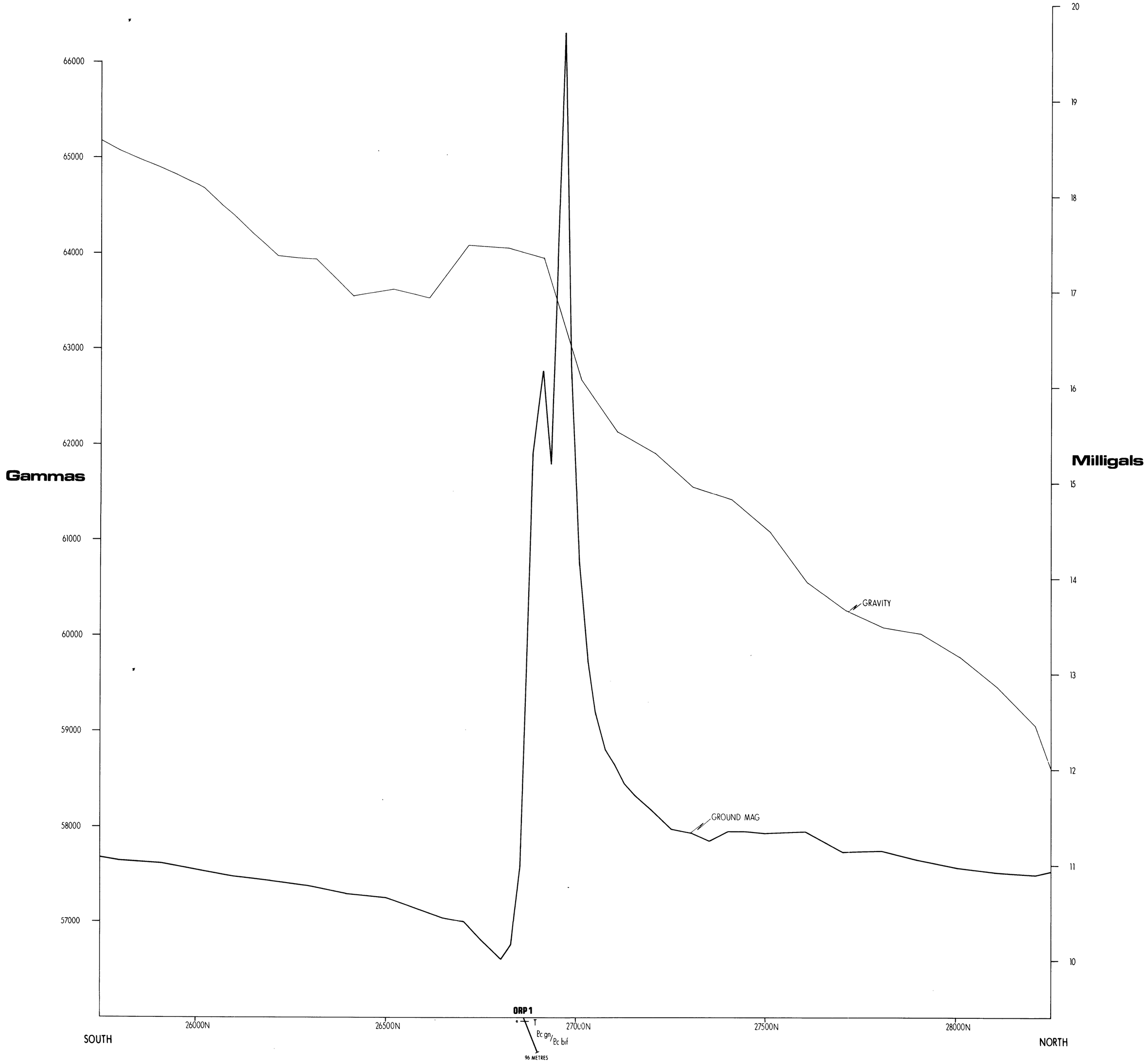
Amoco Minerals Australia Company

Project BURRA			Nº A-79-63
Project Partner			
EL 616 OOLDEA GEOLOGY			
Map Ref. ANG SH52-12	Latitude 30°30'S		Longitude 131°45'E
Surveyed G.C.M	Date 1-3-81		Scale 1: 100 000
Drawn	Date 24-3-81		Drawing Nº W2369

Report

3855(II)-1

Enclosure



Section Facing West

TERTIARY

T — NULLARBOR LIMESTONE

PRECAMBRIAN CRYSTALLINE BASEMENT

Pc gn — HIGH GRANULITE FACIES SEDIMENTARY GNEISSES; HYPERSTHENE - SILLIMANITE - QUARTZ AND SAPPHIRINE - QUARTZ ASSOCIATIONS

Pc bif — METAMORPHOSED BANDED IRON FORMATION

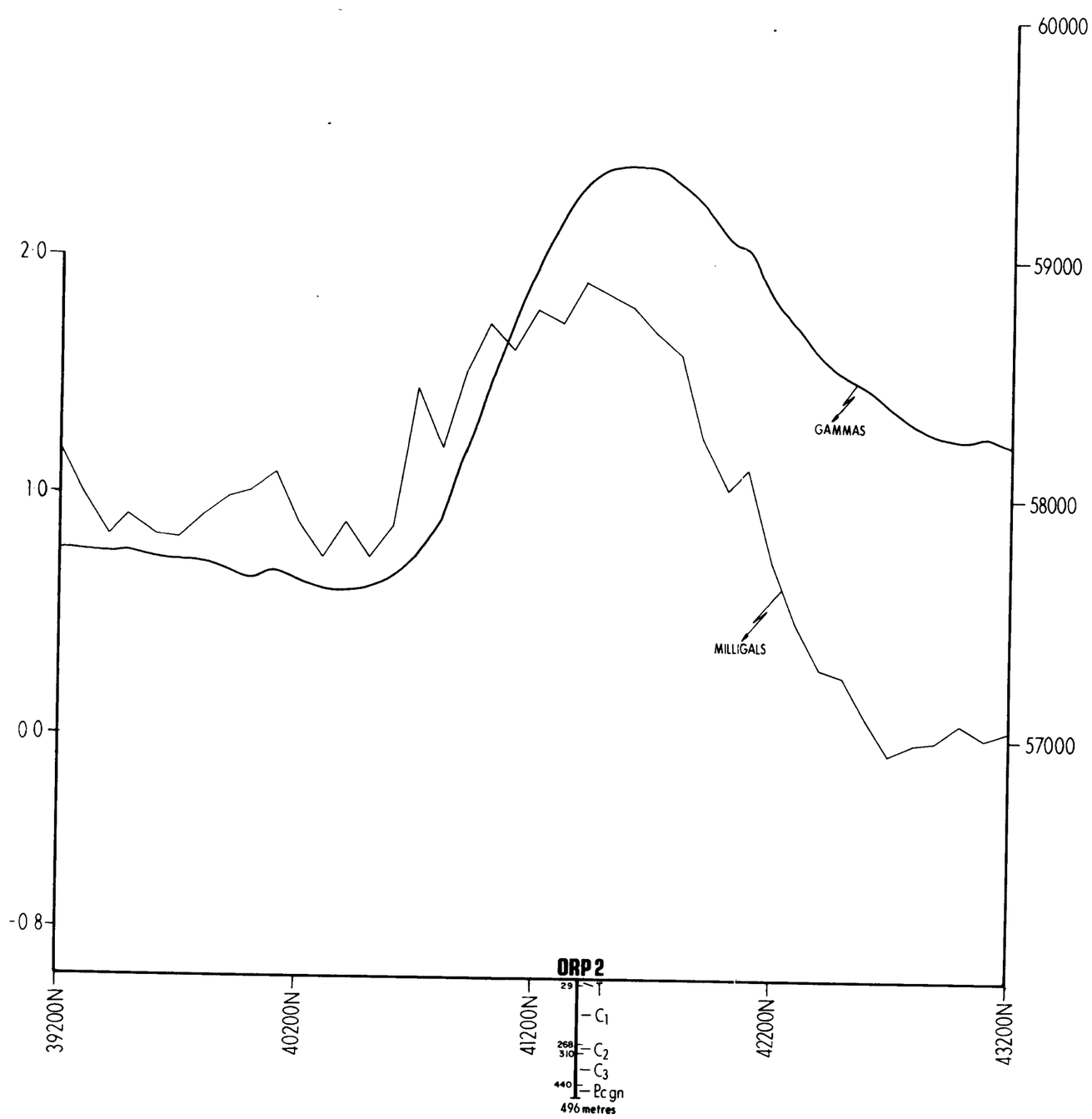
0 100 200 300 400 500
METRES

Amoco Minerals Australia Company

Project	BURRA			**Nº**	A - 79 - 63
Project Partner					
OOLDEA - E.L.616 **Drill Section 41100E** **ORP 1**					
Map Ref. ANG	SH52 - 12	**Latitude**	30°35'30"S	**Longitude**	131°45'E
Surveyed	G. C. M.	**Date**	22 · 9 · 81	**Scale**	1:5000
Drawn	B. J. Z.	**Date**	22 · 9 · 81	**Drawing Nº**	W2370

Report

3855(II)-2



Section Facing West

TERTIARY

T — Nullarbor Limestone

CAMBRIAN

C_3 — Fine to medium grained brown-grey sandstone

C_2 — Chocolate shale with coarse sandy layers

C_1 — Coarse feldspathic sandstone with red green shale interbeds. Sandstone becomes extremely coarse grained towards base. Some basement clasts.

PRECAMBRIAN CRYSTALLINE BASEMENT

Pc gn — quartz ± feldspar, biotite, sillimanite, magnetite, garnet gneiss; upper amphibolite facies metamorphism.

0 200 400 600 800 1000
METRES

Amoco Minerals Australia Company

Project BURRA				**Nº** A-79-63	
Project Partner					
OOLDEA-E.L.616 Drill Section 21200E ORP 2					
Map Ref. ANG	SH52-12	**Latitude**	30°28'S	**Longitude**	131°34'E
Surveyed	G.C.M.	**Date**	21·9·81	**Scale**	1:20000
Drawn	B.J.Z.	**Date**	21·9·81	**Drawing Nº**	W2371

Report

3855(II)-3

Enclosure

PAPER TRIM

AMOCO MINERALS AUSTRALIA COMPANY

EXPLORATION LICENCE 616

OOLDEA, SOUTH AUSTRALIA

(SIXTH) QUARTERLY REPORT, FOR PERIOD ENDING OCTOBER 16th, 1981.

EXPLORATION.

General

Work during the period was restricted to some additional geochemical sampling of material from percussion hole O.R.P.2, geophysical logging of this hole and some additional ground geophysical work on the Moondrah grid in the south eastern corner of the Licence (partly in E.L. 773).

Geochemistry.

This was carried out as a follow up to elevated gold values (0.15 and0.10 P Vs background of 0.05) reported in six meter samples from 312-318 meters and 330-336 meters from the initial sampling and also to anomalous zinc (1950 PPM Vs background of less than 100) in the six meter sample from 420-426 meters. The material sampled was slightly conglomeratic felspathic sandstone of presumed lower Cambrian age. Two meter sample analyses returne an average of 0.35 PPM gold from 324-318 meters and 0.3 PPM from 332-336 meters; resampling of the 420-426 meter section indicated only 170 PPM zinc over the two meters from 424-426 meters. All analyses were by A.A.S.

Geophysical Logging.

Gamma, S.P. and resistivity logging of percussion drill hole O.R.P.2 was carried out by Geoscience Associates (Australia) Pty. Ltd. The hole was logged down to 430 meters (where it was blocked), which is 10 meters above Precambrian Crystalline basement. Little significance has been attached to the results (appendix 2) and no correlations with other holes in the area have yet been made.

Ground Geophysics.

Seventeen kilometers of levelling/gravity/magnetic traversing on the Moondrah grid, commenced in the previous quarter, were completed in the period under review. Minor follow up ground geophysical work was also carried out;some difficulties had been experienced in correllating Amoco's work with the SADME Moondrah No.I geophysical traverse and inaccurate line positioning also cause problems. As the geophysical data for this area has not yet been finally drafted, it will accompany a future quarterly report.

EXPENDITURE.

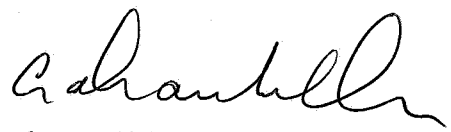
Approximate expenditure for the quarter was:

Salaries	1550
Cookery	235
Field Costs (pegs, topofil etc)	400
Drafting Material etc and Report Preparation Costs	250
Vehicle Costs	760
Fuel	195
Contract Levelling	645
Geochemistry	82
Geophysical Logging	952
Depreciation of Geophysical Gear	50
Field Office Rental/Communications	150
Overheads/Administration	527
Total	$ 5796

Cummulative expenditure on this Exploration Licence is now $69,894.

FUTURE WORK.

This will involve final drafting and interpretation of all data collected to date.



Graham Miller
Senior Geologist

February 1982.

Attachments.

I Geochemical Analyses

2 Geophysical Logging Data

0220

SAMPLING ANALYTICAL AND MANAGEMENT SERVICES PTY. LTD.
AN A.R.M. LABORATORY

Address: 5 Bishop's Place, Kensington, South Australia 5068
TELEPHONE: 31 8533 Telex: 89856

ATTN: Mr G. Miller,
Amoco Minerals Australia Company,
Box 117,
NORWOOD. S.A. 5067.

17th November, 1981.

Certificate of Assay

We have examined the sample of drill chips, samples ORP2.
and report the following to be the result

Sample No	Gold gm/MT	Copper ppm	Lead ppm	Zinc ppm
312-314 *meters*	<0.1	<5	20	30
314-316	0.3	<5	20	20
316-318	0.4	5	20	20
330-332	<0.1	<5	20	20
332-334	0.4	5	20	35
334-336	0.2	<5	15	20
420-422	0.1	5	20	15
422-424	0.1	5	20	15
424-426	<0.1	<5	30	170

ANALYSES by A.A.S

For and behalf of
Sampling Analytical and Mangement Services.

Stuart G Clarke

GEOSCIENCE
ASSOCIATES (AUSTRALIA) pty. LTD.
P.O. Box 239
Kilkenny, S.A. 5009
Phone: 268 2898

HOLE# ORP 2

LOGGING DATA

DATE 29-8-81

LOCATION	Nullarbor	HOLE NUMBER:	ORP 2
State:	Sout Australia	Collar elev.	metres
Area:	Watson	Depth drilled:	496 metres
Project:		CLIENT:	AMOCO
Prospect:		Claim:	
Lat: ° ′ ″	Long ° ′ ″	Owned by:	
		Operated by:	
		Unit Operator:	HART
		Unit No.	AL 9 Office: Adelaide

CASING DATA / HOLE DATA

Wall size in.	Dia. from to	
Dia. (inside) in.	Dia. from to	
Cased from to mtrs	Dia. from to	
Cored hole ☐	Non-cored hole ☒	
Sampled Interval	Type	
2m	Floline	

GAMMA RAY

	INITIAL RUN	2	3	4
Logged depth (M)	430			
Range (Full scale) cps	100			
Time constant (Sec.)	10% st dev			
Paper speed cm/m	1			
Logging speed m/min	9			
Bkgnd count (cps)	5			
Probe No.	GPA 01			
Size (dia.) mm	40			
Crystal	½×½ NaI			
Standard (cps)	880			
Dead time μ sec.	3			
Amp. Gain (disc)	150			
Ratemeter No.				
Bore hole medium				
Mud density				
Digital readout m.	0·2			
Time base (sec)	1			
Upper Disc.				
Lower Disc.				

INTERPRETATION DATA

Probe No.	Standard (cps)	K factor
GPA 01	880	1·34E-5

REMARKS

Fluid Level metres

Hole blocked at 431 m
Ground water only in hole —
Not mud conditioned.

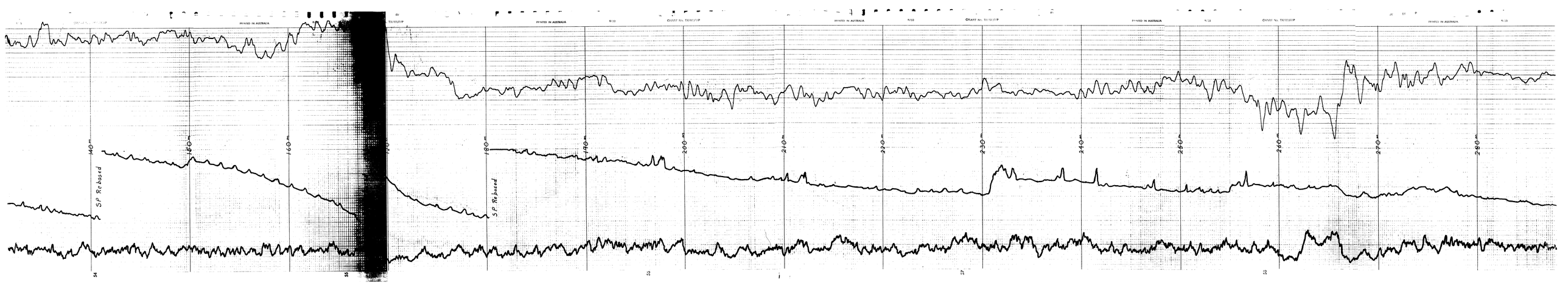
Ground too hard and dry
to get proper earth connection
for SP.

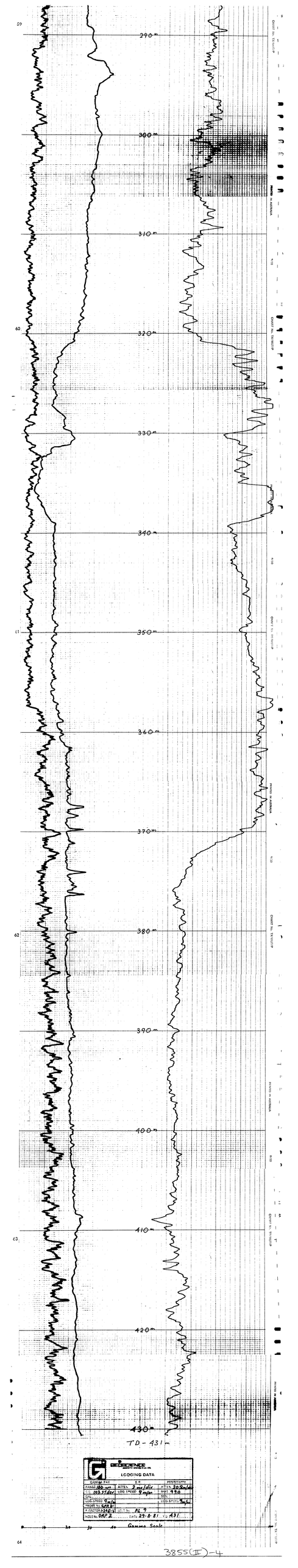
ELECTRIC

	1	2	3	4
Logged depth	430	430		
Resist. scale	20			
S.P. scale m.v.		2		
Paper speed cm/m	1	1		
Logging speed m/min	9	9		
Probe size	40mm			
Bias	990	10		

CALIPER

Logged depth				
Scale	in./in. def.			
Paper Speed				
Logging speed				
Arm Length	in.			
Max. Def.	in.			


140m
150m
160m
170m
180m
190m
200m
210m
220m
230m
240m
250m
260m
270m
280m
S.P. Reboard
S.P. Reboard


290 m
300 m
310 m
320 m
330 m
340 m
350 m
360 m
370 m
380 m
390 m
400 m
410 m
420 m
430 m
TD - 431 m
LOGGING DATA
Gamma Ray
Resistivity
Gamma Scale

0221

AMOCO MINERALS AUSTRALIA COMPANY

EXPLORATION LICENCE 616

OOLDEA.

(SEVENTH) QUARTERLY REPORT, FOR PERIOD ENDING JANUARY 16th, 1982.

The only work carried out in the period was plotting and drafting of geophysical and levelling data from the Moondrah Grid, which is partly on EL 616 but mostly on EL 773. Data collected on this grid is presented with the EL 773 report for the period ending January 11th, 1981.

Approximate expenditure was:

Salaries	$785
Drafting material costs	260
Office rent and communication	140
Overheads/administration	120
Total	$ 1305

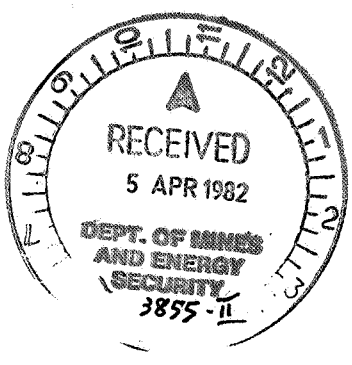
Commulative expenditure on this Exploration Licence is now $71,199.

FUTURE WORK.

This will involve an assessment of all data collected to date.

Graham Miller
Senior Geologist

March 30th, 1982.



Amoco Minerals Australia Company

0222

Exploration Licence 616, OOLDEA

Final quarterly report to April 16th, 1982.

No field work was carried out in the period from January 16th to April 16th, 1982. Prior to the expiry date of the Exploration Licence re-application was made for the ground covered.

Following an assessment of all results, the application was amended to cover only the eastern half of the ground, adjacent to the Karari Fault Zone, where the Pre-Cambrian basement is at shallow depths.

Previous quarterly reports contained all relevent keywords, data results, and maps and these will not be re-presented here.

Considering no expenditure for the final quarter, cumulative expenditure for E.L. 616 remained at $71,199 ($70,000 commitment).

Graham Miller
Senior Geologist

July 20th, 1982.