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EL 2880 AND EL 2881

LAKE WOORONG AND COOBER PEDY

ANNUAL AND FINAL COMBINED REPORTS TO LICENCE EXPIRY FOR THE PERIOD 7/1/2002 TO 6/1/2005

Submitted by
Anglo American Exploration (Australia) Pty Ltd
2005

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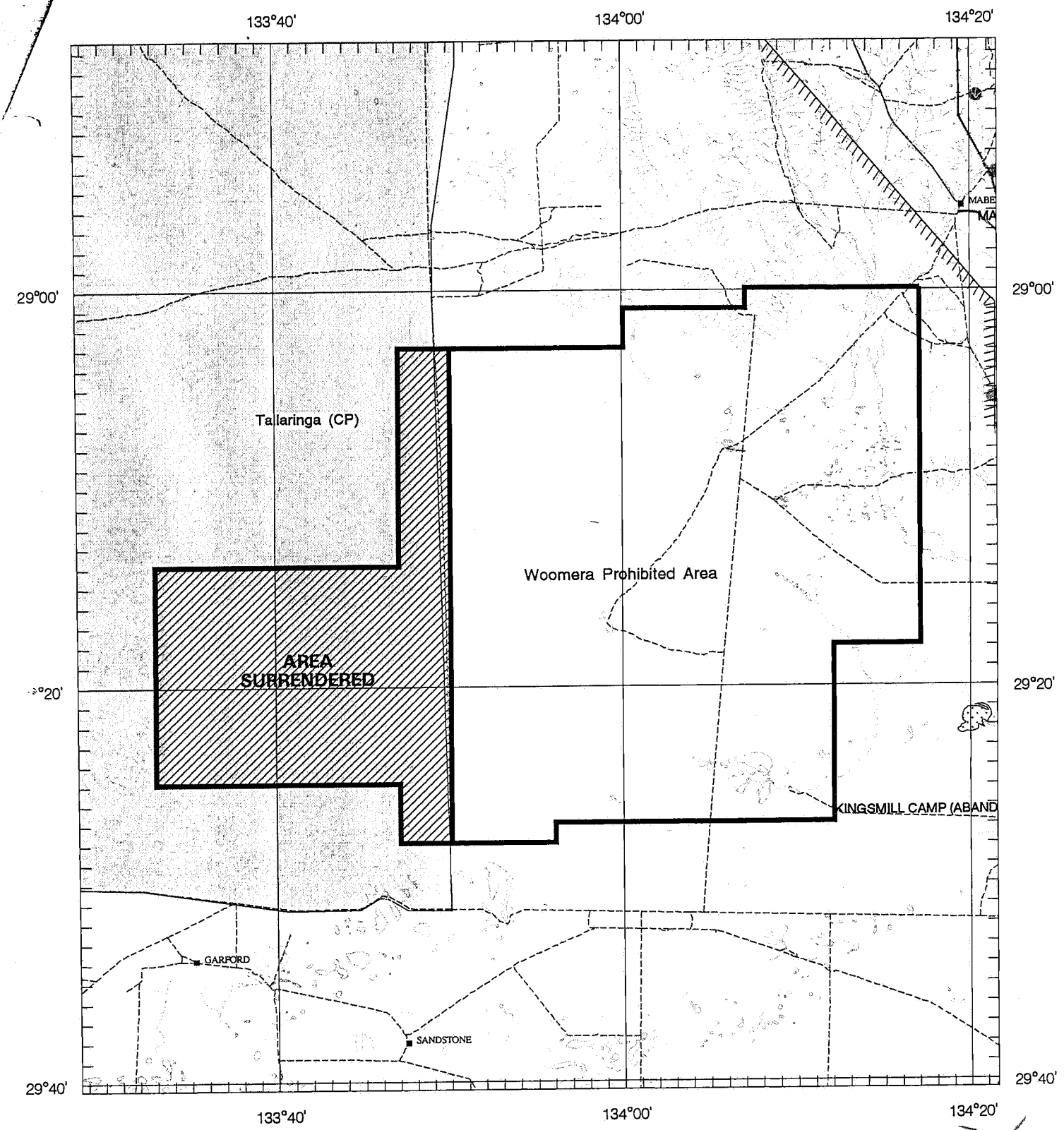
Government of South Australia
Primary Industries and Resources SA

SCHEDULE A



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LICENCE GRANTED IN : DATUM AGD66

GDA GEOCENTRIC DATUM OF AUSTRALIA

APPLICANT : **ANGLO AMERICAN EXPLORATION (AUSTRALIA) PTY LTD**

FILE REF : **77/01** TYPE : **MINERAL ONLY** AREA : **1954** km² (approx.)

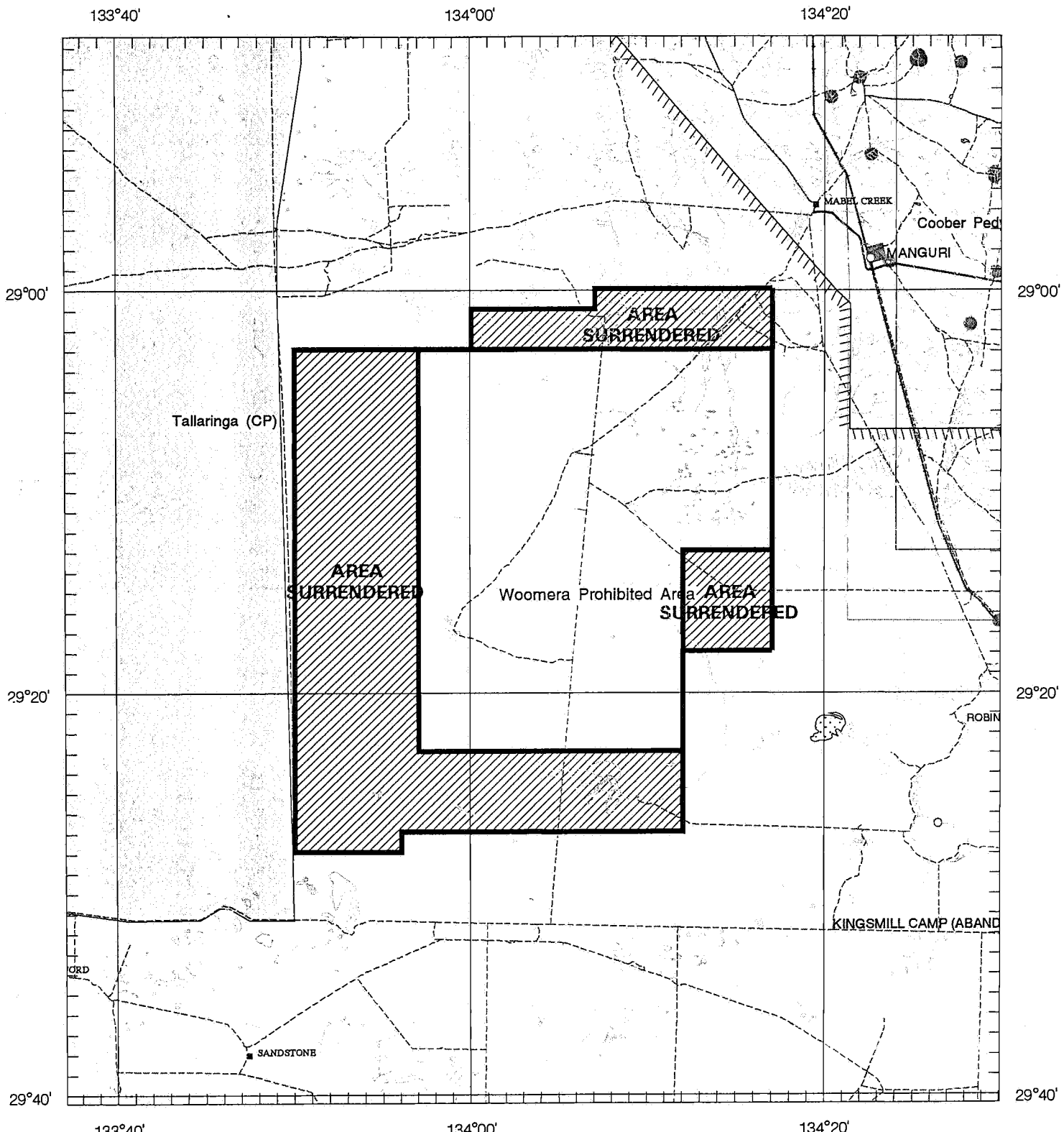
1:250000 MAPSHEETS : **MURLOOCOPPIE COOBER PEDY**

LOCALITY : **LAKE WOORONG AREA - Approximately 70 km WSW of Coober Pedy**

DATE GRANTED : **07-Jan-2002** DATE EXPIRED : **06-Jan-~~2004~~ 2005**

EL NO : **2880**

SCHEDULE A



EXPIRED

SCALE 1 : 500 000

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LICENCE GRANTED IN : DATUM AGD66

GDA GEOCENTRIC DATUM OF AUSTRALIA

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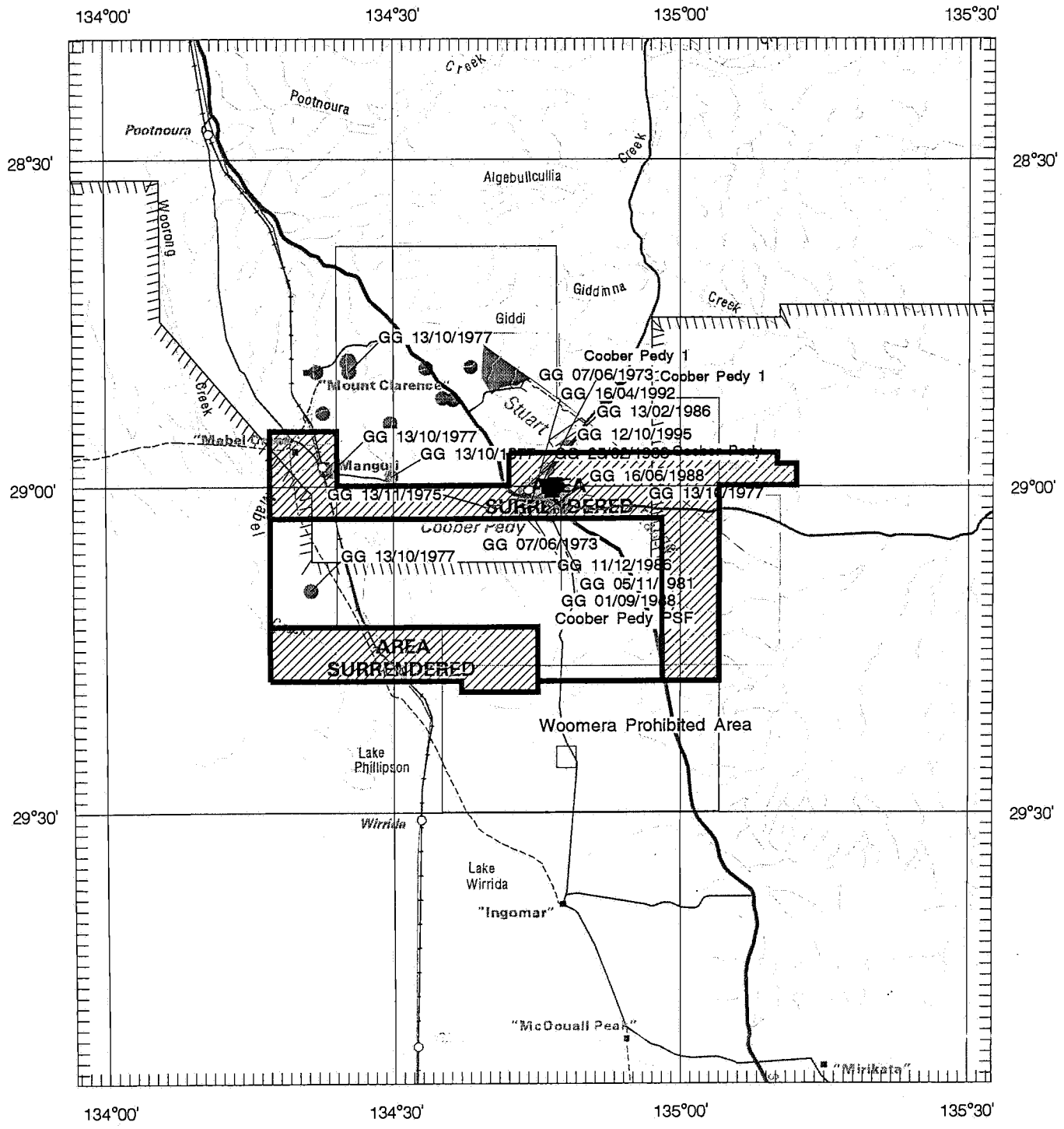
FILE REF : **77/01** TYPE : **MINERAL ONLY** AREA : **1047** km² (approx.)

1:250000 MAPSHEETS : **MURLOOCOPPIE COOBER PEDY**

LOCALITY : **LAKE WOORONG AREA - Approximately 70 km WSW of Coober Pedy**

DATE GRANTED : **07-Jan-2002** DATE EXPIRED : **06-Jan-2005** EL NO : **2880**

SCHEDULE A



EXPIRED

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KILOMETRES 20 0 20 40 60 80 100 KILOMETRES

LICENCE GRANTED IN : DATUM AGD66

GDA GEOCENTRIC DATUM OF AUSTRALIA

APPLICANT : **ANGLO AMERICAN EXPLORATION (AUSTRALIA) PTY LTD**

FILE REF : **78/01** TYPE : **MINERAL ONLY** AREA : **1413** km² (approx.)

1:250000 MAPSHEETS : **MURLOOCOPPIE WARRINA COOBER PEDY BILLA KALINA**

LOCALITY : **COOBER PEDY AREA -**

DATE GRANTED : **07-Jan-2002** DATE EXPIRED : **06-Jan-2005** EL NO : **2881**

dig 1484

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EL 2880 "LAKE WOORONG" and EL 2881 "COOBER PEDY" ("MOUNT BRADY PROJECT") Combined Annual Report for the Period 7th January 2002 to 6th January 2003

Volume 1 of 1

Tenure Holder:	**Anglo American Exploration (Australia) Pty Ltd**
Operator:	**Anglo American Exploration (Australia) Pty Ltd**
Author:	**Adrian Brewer & Chris Tomich**
Date:	**March 2003**

Distribution

Primary Industries and Resources South Australia - Mineral Resources Group (1)

Anglo American Exploration (Australia) Pty Ltd – Perth Office (2)

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SUMMARY

Exploration Licences 2880, "Lake Woorong" and 2881 "Coober Pedy", covering areas of 2,638km^2 and 2,858km^2 respectively, lie south and southwest of Coober Pedy in South Australia. The area is held by Anglo American Exploration (Australia) Pty Ltd as the "Mount Brady Project", and forms part of a significant tenement holding in the region which includes the "Mount Woods Joint Venture" between Goldstream Mining NL (tenure holder) and Anglo American Exploration (Australia) Pty Ltd (project operator).

Field activities were commenced in late 2002 in the search for Proterozoic hosted iron oxide copper-gold deposits of the Olympic Dam and Prominent Hill type, Broken Hill style base metal mineralisation and magmatic related nickel deposits.

Exploration work to date has comprised a comprehensive compilation & review of all previous exploration, regional structural reinterpretation, geological reconnaissance, relogging of several historical diamond drill holes and inspection of RC chips, ground gravity surveying (1,860 stations), nine lines of ground SMARTEM surveying, drill target generation and Aboriginal cultural site clearance work over two potential drill targets. This work has been completed in conjunction with significant operations on adjacent tenement areas.

Regional geophysical data obtained during 2002 exploration has enabled better definition of some potential target areas, and more detailed ground geophysics over two defined targets has resulted in downgrading of their potential. A number of other geophysical targets remain to be further tested.

Total expenditure in the first year of tenure on the "Mount Brady Project" amounted to approximately $198,000. Exploration was undertaken under an Amalgamated Expenditure Agreement by arrangement with the Director - Mineral Resources at Primary Industries and Resources South Australia, in a letter dated 1 May 2002. Approximately 13.9% of the total project tenure has been relinquished and a new Amalgamated Expenditure Agreement is in force for 2003.

It is anticipated that future exploration on EL 2880 and 2881 will comprise –

- Additional ground gravity and SMARTEM surveying;
- Possible infill of identified prospective areas with more detailed aeromagnetics;
- Additional assessment of previous company and PIRSA data including petrology, geochemistry and U-Pb age dating;
- Aboriginal cultural site clearance work;
- Drill hole targeting & logistical preparation for drilling;
- RC, rotary mud, and/or diamond core drilling of targets if warranted.

KEY WORDS

Coober Pedy, Coober Pedy 1:250,000 map sheet, Warrina 1:250,000 map sheet, Murloocoppie 1:250,000 map sheet, Billa Kalina 1:250,000 map sheet, Proterozoic, Mount Woods Inlier, Coober Pedy Ridge, Iron oxide-Copper-Gold, Broken Hill style, Magmatic nickel, Base Metals, Gravity, SMARTEM, Geophysical Anomalies

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Digital File List (on CD at back of report)

EL2880_2881_Annual_Report_2003.pdf
EL2880_2881_Digital Data.zip

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1.0 INTRODUCTION

This report details all exploration work undertaken on Exploration Licences 2880 "Lake Woorong", and 2881 "Coober Pedy" between 7th January 2002 and 6th January 2003, during the first year of tenure. Collectively, these tenements comprise the "Mount Brady Project".

Exploration Licences 2880, "Lake Woorong" and 2881, "Coober Pedy", covering areas of 2,631km^2 and 2,858km^2 respectively, lie south and southwest of Coober Pedy in South Australia. The area of EL 2880 "Lake Woorong" has been reduced at period end to 1,951 km^2 (Figure 1).

Lake Woorong (EL 2880) and Coober Pedy (EL 2881) are centered approximately 100 km west southwest and 30km south of Coober Pedy in the northern Gawler Craton of South Australia (Figure 1). Access is via the sealed Stuart Highway and then via a series of dirt station tracks, many of which become impassable in wet weather.

EL 2880 is situated on the Mabel Creek Pastoral Lease and encompasses a portion of the Tallaringa Conservation Park on the western margin, and lies within the Coober Pedy (SH 53-6) 1:250,000 map sheet. The portion of the Tenement covered by the Conservation Park has been relinquished due primarily to interpreted significant cover sequence thicknesses.

EL2881 is situated on the Mt Clarence and Mount Penhryn Pastoral Leases, and is largely covered by the Coober Pedy Precious Stones Field. The area lies generally within the Coober Pedy (SH 53-6) 1:250,000 map sheet, with small portions of the licence also lying in the Murloocoppie (SH53-2), Warrina (SH53-3) and Billa Kalina (SH53-7) 1:250,000 map sheets.

Both areas are covered in the large part by the Woomera Prohibited Area. The terrain is dominated by generally open gibber plains with areas of bluebush and saltbush in the east and becomes more vegetated with areas of sand dunes in the west, and is drained by a series of generally poorly defined and intermittent creeks.

Exploration work during the reporting period has comprised data compilation & review of previous company and Government exploration, a detailed structural interpretation of the region, geological reconnaissance, 1860 stations of ground gravity surveying, 9 lines of ground SMARTEM surveying, inspection of previous company drill core, drill target generation, and Aboriginal cultural site clearance work. Areas of the Tenement affected by these activities are illustrated in Figure 2. Planned drilling was not completed during this period due as reassessment of SMARTEM data indicated no anomalism associated with the potentially prospective mafic intrusives.

Field activities, primarily a detailed gravity survey, were commenced in selected areas in mid 2002, and continued for the remainder of the year, primarily in the search for Proterozoic iron oxide copper-gold deposits of the Olympic Dam and Prominent Hill

400000 mE

450000 mE

6800000 mN

Coober Pedy

Relinquished Area

E.L.2881

E.L.2880

6750000 mN

Anglo American Exploration (Aust)

Coober Pedy Project
E.L.2880 & E.L. 2881
Location Plan

Date: 16/3/2003
Author: AMB
Office:
Drawing:
Scale: 1:650000 Projection: AMG Zone 53 (AGD 66)

5 0 5 10
kilometres

400000 mE

450000 mE

6700000 mN

FIGURE 1

type and intrusive related nickel deposits. During late 2002 potential for Broken Hill style base metal mineralisation was also recognised.

2.0 TENURE

Exploration Licence 2880 (Lake Woorong) and 2881 (Coober Pedy) were granted to Anglo American Exploration (Australia) Pty Ltd on 7th January, 2002 for a period of 12 months. A renewal for a further 12 months, including a partial relinquishment of EL 2880, is pending (Figure 1). The tenements cover areas of approximately 2,631 km^2 and 2,858 km^2 respectively, with the area of EL 2880 to be reduced to 1,951 km^2 on renewal.

By agreement with the Director - Mineral Resources at Primary Industries and Resources South Australia, in a letter dated 1 May 2002, an Amalgamated Expenditure Agreement for EL 2880 and EL 2881 imposed the following conditions –

- A minimum project (combined) expenditure of $150,000 in 2002;
- 25% of the project area to be surrendered during 2002.

In December 2002, Anglo American Exploration (Australia) Pty Ltd proposed a reduction of approximately 13.9% of the project area (as shown in Figure 1) and an increased expenditure for 2003.

A new Amalgamated Expenditure Agreement for EL 2880 and EL 2881 for 2003 has now been authorised.

3.0 PREVIOUS EXPLORATION

Exploration for iron ore in the Coober Pedy region was undertaken by Delhi Petroleum during 1962-1965, with more extensive base and precious metal exploration, and minor uranium and diamond exploration being carried out by Newmont Ltd (1970-1977), CRA Exploration (1981-1995), BHP Minerals (1991-1995) and WMC Resources (1995-2000), in joint venture with BHP Minerals.

As there is no basement outcrop within the tenement areas, all previous exploration has been strongly controlled by geophysics. Some drilling (principally utilising Rotary Mud/Percussion) of geophysical basement targets under cover was completed but no mineralisation of note was intersected. Extensive regional RC drilling was also completed by PIRSA as part of the South Australian Steel and Energy Project on the Phillipson and Coober Pedy 1:100,000 map sheets (1995).

During 2001 Anglo American Exploration (Australia) Pty Ltd completed a comprehensive review and compilation of previous work and identified the potential of the area for craton margin magmatic nickel deposits together with a number of aeromagnetic and gravity targets with potential for iron oxide copper-gold style mineralisation. Applications for the licence areas were submitted in September 2001.

4.0 REGIONAL GEOLOGY

The Lake Woorong and Coober Pedy exploration licences cover substantial portions of the Palaeoproterozoic Coober Pedy Ridge, an east-northeast trending magnetic block of variable magnetic intensity separating the Mount Woods Inlier to the southeast from the Mabel Creek Inlier to the north. These three terranes abut an interpreted Archaean age cratonic area to their south and west. The area contains major regional structures (including the Karari Fault Zone) and is traversed by a several prominent northwest trending structures along which significant thicknesses of Permian sediments have been deposited.

Basement outcrop in the region is generally restricted to the Mount Woods Inlier to the east and southeast of the tenements, and limited outcrop of Gawler Range Volcanics and Archaean Gneisses to the south and southwest of the areas.

The Mount Woods Inlier comprises high grade Palaeoproterozoic metasedimentary rocks (amphibolite to granulite facies quartzo-feldspathic gneisses, meta-iron formations, quartz-feldspar-biotite schists, metaquartzites, calc-silicates and forsterite marbles) intruded by syn- to post tectonic granitoids, (eg, the Balta Granite, a polyphase Hiltaba Granite equivalent, comprising non-foliated brick-red granite, porphyritic granites and hybrid granites) and is covered by Mesozoic and Tertiary sedimentary cover. The metasediments are characterised by an intense magnetic response in regional aeromagnetic data, which reflects a combination of magnetite rich precursor sediments including BIFs, magnetite alteration, and interpreted probable mafic intrusive bodies. The Inlier is bounded by major shear zones, the most prominent of which is the Karari Fault Zone which bounds the east-west trending Coober Pedy Ridge.

To the north, the Coober Pedy Ridge is separated from the Mabel Creek Ridge by the Permian Tallaringa Trough, and the cover thickness increases markedly. To west cover thickness also increase due to the presence of Permian and some Cambrian sediments, and increased thickness of Mesozoic cover. Previous exploration has shown that the cover sequences, generally comprising Cretaceous sediments of the Cadna-Owie Formation, Algebuckina Sandstone and the Bulldog Shale, which are in turn overlain by Tertiary, Quaternary and recent cover, typically ranges from 40-100m deep over the southern and central portions of the tenement area, with deeper basement in the north and west of the tenement.

5.0 EXPLORATION ACTIVITIES

Following a review of previous exploration, including available public domain geophysical data sets, supplemented by geological reconnaissance on adjoining tenements, it was decided that detailed ground geophysical surveys were required to better define targets under cover. Initial focus was on potential for magmatic nickel and iron oxide copper-gold mineralisation in the Palaeoproterozoic basement, but following acquisition of ground gravity and EM survey data and further interpretation

of previous exploration data, potential for Broken Hill style base metal mineralisation was also recognised. Approximate coverage of the various exploration activities during the period are presented on Figure 2.

As the basement geological data for the area is poorly known, several historical drill holes were relogged to establish an initial geological understanding of the region. Unfortunately the majority of drill holes on the Coober Pedy Ridge are Percussion/RC and interpretation of the small chip samples is difficult. Available diamond drill holes CD93009, DD87LR02, DD88LR19, DD88LR20, DD89LR21, DD89LR22, and DD89LR24 were relogged, with summary drill logs included as Appendix 1. Drill hole locations are presented on Figure 3.

A comprehensive interpretation of the regional structural framework of the area was undertaken by Leigh Rankin utilising all available geophysical datasets and with geological input where available. Several potential target areas were defined, principally for IOCG style mineralisation. This target type has however been downgraded due to recognition of the extremely strong structural fabric of the Coober Pedy Ridge probably having developed post formation of this deposit style and hence potentially "smearing" the deposit over a significant strike extent. The interpretation of the licence areas in this report is included as Figure 4.

Two potential geophysical targets for nickel sulphide deposits were defined as a result of the comprehensive data review and geological reinterpretation, and cultural site clearance work with the Antakirija Native Title Claimant Group was successfully completed over these target areas in mid-September 2002.

A total of 1,860 gravity stations on a 400m x 800m and 400m x 1,600m grid (some infilling previous company gravity surveys) were collected by Fugro Ground Geophysics as part of a much larger survey on the Mount Woods Joint Venture tenements. This has resulted in a significant increase in data quality in the area. Interpretation of this data is continuing.

Nine ground SMARTEM survey lines were completed by Quadrant Geophysics using a 200m X 200m loop. The SMARTEM did not generate any strong targets for follow up. The survey showed the overburden thickness to be variable and a general trend of increasing thickness towards the east was observed. It is not thought that the conductive cover would have obscured any bedrock conductive responses present within the depth range for economic exploration.

Details of the ground geophysical surveys undertaken are contained in Appendix 2.

6.0 EXPENDITURE

Expenditure for EL 2880 and EL 2881 (combined) for the full tenure year to 7th January 2003 is summarised below –

400000 mE

450000 mE

500000 mE

6800000 mN

6750000 mN

E.L. 2881

COOBER PEDY

E.L. 2880

Relinquished Area

Historical Drillhole

Heritage Clearance

Gravity Survey

Structural Interpretation

Anglo American Exploration (Aust)	
	Coober Pedy Project EL.2880 & E.L.2881 Exploration Index Map
Date: 14/3/2003	
Author: AMB	
Office:	
Drawing:	
Scale: 1:425000	Projection: AMG Zone 53 (AGD 66)

2.5 0 2.5 5
Kilometres

FIGURE 2

400000 mE

450000 mE

500000 mE

6800000 mN

6750000 mN

E.L. 2880

E.L. 2881

CR9106

CR9112

CR9119

CR9122

CR9113

CR9110

DD89LR21

DD88LR19

DD88LR20

DD89LR24

DD89LR22

CR9125

CR9114

DD87LR3

PHN16

CD93009

PHN06

PHN13

DD87LR02

CR9215

PHN28

CR9205

CR9115

CPY9

PD89LR27

Anglo American Exploration (Aust)

COOBER PEDY PROJECT
E.L.2880 & E.L.2881
Historical Drillhole Inspections

Date: 14/3/2003
Author: AMB
Office:
Drawing:
Scale: 1:425000
Projection: AMG Zone 53 (AGD 66)

2.5 0 2.5 5
Kilometres

Inspected Drillhole Location

Relogged Drillhole Location

FIGURE 3

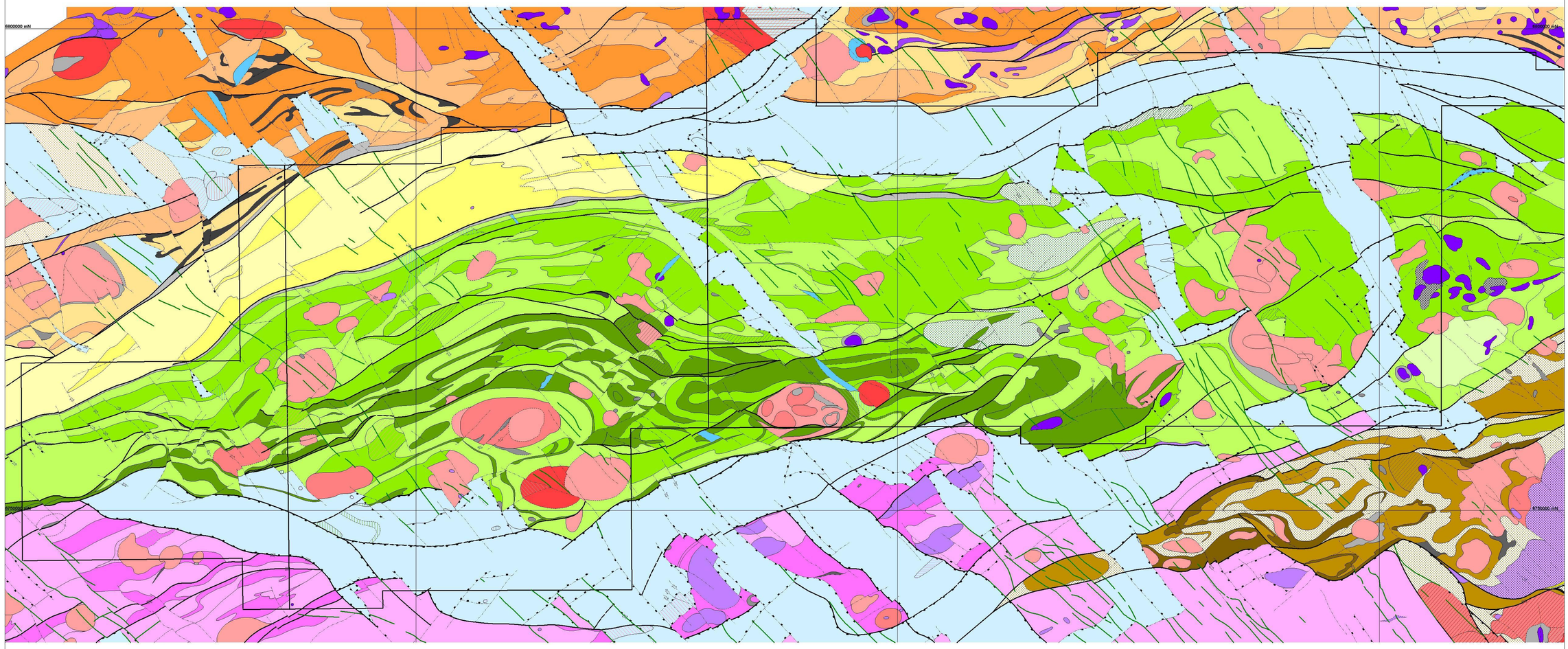
Staff salaries and on-costs	$27,619
Contract & consulting geologists, field assistants	$35,271
Safety, health, environment expenses	$720
Aboriginal cultural clearance survey	$680
Ground geophysical surveys (gravity & EM)	$66,178
Geophysical consultants & interpretation	$24,041
Communication expenses	$1,380
Printed & digital data / IT expenses	$4,657
Tenure maintenance	$788
Field property costs	$2,510
Field expenses	$1,652
Travel & accommodation	$9,349
Vehicle hire/fuel/maintenance	$5,060
Administration overheads	$17,990
TOTAL	**$197,895**

7.0 CONCLUSIONS AND RECOMMENDATIONS

EL's 2880 and 2881 cover the Coober Pedy Ridge, an area prospective for magmatic nickel, Proterozoic iron oxide copper-gold and Broken Hill base metal styles of mineralisation. Regional geophysical data obtained during current exploration has enabled better definition of some potential target areas, and more detailed ground geophysics over two defined targets has resulted in downgrading of their potential. A number of other geophysical targets remain to be further tested.

It is anticipated that future exploration on EL 2880 and 2881 will comprise –

- Additional ground gravity and SMARTEM surveying;
- Possible infill of identified prospective areas with more detailed aeromagnetics;
- Additional assessment of previous company and PIRSA data including petrology, geochemistry and U-Pb age dating;
- Aboriginal cultural site clearance work;
- Drill hole targeting & logistical preparation for drilling;
- RC, rotary mud, and/or diamond core drilling of targets if warranted.



MAP NOTES:

1. Maps compiled as hardcopy at 1:100,000 scale from combined detailed and regional airborne magnetic data, plus continental shroud gravity data set.
2. Basement domain subdivisions based on magnetic domain texture, plus known geology (PIRSA data bases). Extent and boundaries of domains commonly approximate and not faulted.
3. Lithological interpretation based primarily on magnetic characteristics: plus known outcrop and drillhole geology. Note: Common ambiguities exist in the interpretation of numerous drillholes and interpretation of interpreted lithologies.

   Lithological interpretation is therefore approximate only.
4. Maps digitally captured from scanned originals using MapInfo 6.5, Discover 3.09 and OvroBaseMap 2.2.16.
5. No field verification was conducted in this project. Results to be considered a conceptual interpretation.

Anglo American Exploration (Aust)	
Date:14/5/2003	COOBER PEDY PROJECT E.L. 2880 AND E.L. 2881 Regional Structural Interpretation
Author: L.R.	
Office:	
Drawing: A.M.B.	
Scale: 1:150000	Projection: AMG Zone 53 (AHD 66)

2.5 0 2.5 5
kilometres

REFERENCE

PALAEOZOIC

PHANEROZOIC SEDIMENTS

P Shale,quartz sublitharenite,siltstone. Tarkarooa"eras: Eromanga"eras: Eromanga"eras: Eromanga

APPENDIX 1

HISTORICAL DRILLHOLE LOGS

COOBER PEDY PROJECT

DRILL HOLE RELOGGING OF SELECTED CORED DRILLHOLES ON THE COOBER PEDY RIDGE

G.TEALE
A.BREWER

February, 2003

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DD87LR2	**3**
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DD88LR20	**6**
DD89LR21	**8**
DD89LR22	**10**
DD89LR24	**11**

CD93009

Core interval inspected: 72.00m – 224.00m (E.O.H.)

72.00m – 87.50m

Green coloured, calc-silicate altered, magnetite-rich gneisses. Some crosscutting, red felsic sweats" present. Magnetite bands and "patches" are common.

87.50m – 165.90m

Monotonous banded to massive, magnetite-rich felsic gneisses. Generally fine grained, steel grey with some red K-feldspar-rich bands. Becomes more garnet-rich towards base. Layering can be perpendicular to C.A. through to parallel to C.A.

165.90m – 181.50m

Arbitrary upper boundary. This domain tends to be relatively garnet-rich, magnetite-feldspar-quartz gneiss. May contain rare sillimanite. The garnet tends to be porphyroblastic and can also develop as garnet-rich domains or "patches.

181.50m – 193.00m

Garnet-poor to absent; abundant K-feldspar-rich pegmatite sweats in a magnetite-rich (grey) felsic gneiss. Layering ~ 45º to C.A.

193.00m – 205.50m

Unusual, white-grey coloured plagioclase-quartz-magnetite gneiss (garnet-absent). Coarse grained and has some "green" alteration. Magnetite is patchy and occurs as aggregates and schlieren. Some unusual crosscutting garnet alteration sited within K-feldspar-rich alteration or "sweats".

205.50m – 224.00m

Garnet-rich and only moderately magnetic. Garnet can make up to 70% of the rock in some instances. Unusual garnet-quartz-K-feldspar-rich sweats that contain coarse grained (~ 1cm) garnet. Cordierite possibly present in some areas (e.g. 220.10m). The garnet developed here appears "post-tectonic" and may be alteration phenomena.

E.O.H.

DD87LR2

Core interval inspected: 77.90m – 202.70m
(Tray 1) – not dissimilar to CD9309.

77.90m – 202.70m
Monotonous sequence of feldspathic, meta-pelitic gneisses that contain abundant magnetite. Of interest are the following:

- Sillimanite is common at the top of the hole and garnet and cordierite become more prolific with depth.

- Clinopyroxene may be present towards the bottom of the hole.

- Garnet "sweats" similar to that observed in CD9309 are present (e.g. ~136m).

- Garnet-rich rock (similar to CD9309) is also present (e.g. 143.60m).

- K-feldspar-rich sweats often are flanked by garnet and cordierite-rich rocks. The latter can be purple in colour.

- Bands of magnetite-quartz-feldspars with unusual textures are present (e.g. 164.10m). These textures are similar to what has been observed in the Christie Iron Formation.

- The gneissic layering can be parallel to the C.A. through to 45º to C.A. The hole essentially drilled down dip.

- K-feldspar ± quartz ± garnet ± plagioclase ± cordierite ± biotite can occur as lenses parallel to gneissosity or as crosscutting, but high T, domains.

- The gneisses are a red-grey in colour. They are also not dissimilar to the felsic sillimanite gneisses that occur in the Cairn Hill area.

- Gneisses from CD9309, LR1 and LR2 are all the same "unit'.

DD88LR19

CORE INTERVAL INSPECTED: 90.0M-240.4M

90m-100.0m
Extremely oxidised/weathered apatite-calcite-magnetite-diopside skarn (up to 2% P).

100.0m-118.9m
"Normal" serpentine marble; minor magnetite, generally even grained, medium; probably an olivine-diopside-spinel marble initially.

118.9m-123.0m
Syenodiorite; highly contaminated and fractured; domains of blue quartz-K-feldspar.

123.0m-153.1m
Extremely coarse-grained skarn. Variable mineralogy with extremely coarse grained monomineralic diopside skarn at top and bottom of this "unit" (abutting intrusive). Very coarse grained magnetite-calcite (e.g. 135m-136m); abundant phlogopite-calcite-diopside-magnetite skarn. Monomineralic diopside zone from 139m-142m. Red-pink calcite developed.

153.1m-155.5m
Brecciated, fractured coarse grained "syenite".

155.5m-169.5m
Coarse to medium grained phlogopite-diopside- magnetite ± calcite skarn. Some very coarse grained magnetite-calcite-diopside "patches".

169.5m-173.8m
"Syenodiorite"; brick-red and felsic: fine to medium grained; unusual K-feldspar-rich schlieren. This rock-type also occurs in LR20 and was called a layered K-rich "rock".

173.8m-184.8m
Magnetite-rich skarn. Interlayered serpentine marble in places (unusual layering). Minor very coarse phlogopite crystals and diopside crystals.

184.8m-188.9m
Pure, grey-pink, marble.

188.9m-198.8m
Magnetite skarn; magnetite content >50% often magnetite-pyrite ± chlorite ± serpentine.

197.8m-198.8m
Thin, highly contaminated syenite.

198.8m-213.0m
Magnetite-rich skarn; some coarse grained diopside ± phlogopite, abundant crosscutting pyrrhotite - chalcopyrite veinlets. Magnetite skarn here developed on gabbro.

DD88LR19 cont'd.

273.0m-240.4m

Medium grained gabbro, with chilled upper contact. Rare fragments of massive diopside incorporated.

E.O.H.

DD88LR20

Core interval inspected: 66.0m-292.0m

66.0m – 90.6m
Generally weathered and oxidized diorite, with some magnetite bands and phlogopite-rich domains.

90.6m – 96.4m
Unusual plagioclase-rich, magnetite-olivine rock (see thin section). Cumulate-like bands of magnetite, as well as calcite-pyroxene veins, "pegmatitic sweats" or bands. Unusual coarse grained textures; almost pegmatite-like.

96.4m – 98.5m
Unusual textured, magnetite band with coarse grained carbonate intercalated. The magnetite has a similar texture to nearby clinopyroxene, and carbonate in the hole and probably replaces clinopyroxene?

98.5m – 137.3m
Calcite-rich, "Syeno-diorite". "Normal" textured, diorite-like material in addition to layered carbonate-olivine (now serpentine) rocks (see samples at 172.2m). Essentially clinopyroxene, amphibole, calcite, plagioclase, phlogopite- bearing rock types. Coarse grained calcite domains (e.g. 126.0m), "pegmatitic" domains (e.g. .135.9m). The latter contain very coarse grained magnetite-phlogopite-calcite.

137.3m – 191.5m
Essentially calcite- poor (except for calcite pegs or veins), phlogopite-rich ?mafic, with numerous domains composed of minor through to monomineralic magnetite. Some coarse grained clinopyroxene-magnetite-calcite "pegmatite-like sweats". Calcite pegmatites, or sweats, can contain 10cm crystals of clinopyroxene. Pyrrhotite, pyrite and chalcopyrite are common in some areas.

191.5m – 222.4m
Very coarse grained clinopyroxene-phlogopite ± magnetite ± ?olivine rock; clinopyroxene crystals to 15cm. The clinopyroxene exhibits the same cleavage as some calcite and coarse magnetite - needs follow up. Thick calcite vein or "sweat" between 216.9m – 219.7m.

222.4m – 224.6m
Layered ?K-feldspar rich rock types; layering perpendicular to C.A.

224.6m – 226.95m
Coarse grained and phlogopite-rich; similar to 191.5m – 222.4m.

226.95m – 244.3m
Very magnetite-rich, phlogopite-clinopyroxene rock. Medium grained, calcite-absent or poor. Sulphides rare.

244.3m – 246.3m
Calcite-phlogopite- rich rock type.

DD88LR20 cont'd.

246.3m – 285m

Phlogopite-magnetite-clinopyroxene- rich rock type. Some areas of up to 80% magnetite. Some serpentine- rich zones (e.g. ~281.0m), calcite veins or sweats (e.g. ~272.0m). Monomineralic phlogopite-rich domains (e.g. 174.8m, 239.4m). Minor calcite and rare sulphides. Medium to extremely coarse grained and green-black.

285.0m – 291.4m

K-feldspar- rich rock type; "syenite". (see sample at 288.3m) K-feldspar-clinopyroxene ± hornblende.

291.4m – 292m

Phlogopite-calcite rock type.

E.O.H.

DD89LR21

CORE INTERVAL INSPECTED: 70.8M-275.5M

70.8m-84.2m
Weathered and oxidised, magnetite-diopside ± olivine marbles; very Fe-rich.

84.2m-103.7m
Pink marble; minor breccia zones with clasts of phlogopite-rich marble; phlogopite also present; marble contains moderate amounts of serpentine; marble very coarse grained.

103.7m-107.0m
Magnetite-rich, coarse grained magnetite crystals sitting in calcite-actinolite ± phlogopite ± chlorite. Calcite is white in colour.

107.0m-112.4m
Probable diopside marble. Diopside altered; can be up to 90% diopside; pink carbonate; some fragments in marble.

112.4m-118.0m
Magnetite-chlorite-chalcopyrite-pyrite -rich. Massive chlorite-magnetite; very coarse grained calcite in places.

118.0m-123.3m
Magnetite-serpentine marble; high percentage of serpentine and magnetite. Vague layering. Some coarse ?diopside areas.

123.3m-144.4m
Yellow serpentine marbles; some domains very serpentine-rich (~80%). Minor magnetite, and possible fresh diopside and/or rare spinel (?).

144.4m-159.4m
Syenogabbro; highly contaminated; calcite-amphibole domains may be former marble clasts. The gabbro is a pink-grey in colour; contains plagioclase-amphibole-sphene ± K-feldspar. Diopside "skarn" develops at upper contact and the "syenogabbro" is more coarse grained and felsic towards its base.

159.4m-166.8m
Light coloured serpentine marble; pale apple green. Generally fine to medium grained.

166.8m-172.6m
Magnetite-sulphides-calcite domain. Calcite exceptionally coarse grained. Increase in chlorite as this domain approached. Has a central core of unusually layered serpentine-calcite (serpentine marble).

DD89LR21 cont'd.

172.6m-181.6m
Serpentine marble; some boudinaged and rotated serpentine layers that are after olivine bands. Disseminated magnetite and serpentine grains throughout the marble. Serpentine can be up to 70%.

181.6m-196.2m
Small syenite/syenogabbro dyke: diopside skarn and diopside/olivine skarn develop immediately adjacent. Larger clasts of marble contained within, with very coarsely recrystallised marble. Very coarse-grained magnetite + calcite. Diopside skarn development has occurred.

196.2m-208.6m
"Skarn"; extremely coarse grained – calcite-magnetite-apatite-chlorite-diopside; apatite crystals to 10cm developed in calcite; magnetite crystals developed in calcite; chlorite probably replacing phlogopite.

208.6m-229.0m
Serpentine marble; disseminated serpentine ± magnetite grains; chlorite development towards base.

229.0m-233.9m
Coarse grained, felsic intrusive, K-feldspar crystals to 2cm; abundant amphibole as "clots" and disseminated grains; related to underlying mafic?

233.9m-253.0m
Fine grained gabbroic lithology; can be medium grained with some domains that are very fine grained.

253.0m-275.5m "Hybrid zone"; similar to 229.0m-233.9m; has some unusual mafic domains within but is generally more felsic and coarse grained; more mafic (?contaminated) areas can contain fragments of the more felsic material. Massive serpentine zones are probably contaminated marble clasts.

E.O.H.

DD89LR22

CORE INTERVAL INSPECTED: 72.7M-161.5M

72.7m-93.0m
Medium grained gabbro; felsic, strongly weathered.

93.0m-94.7m
Brick-red felsic intrusive, may be a clast in the gabbro; 3 distinct zones of felsic material in this interval separated by thin gabbro.

94.7m –104.7m
Variably textured gabbro; medium grained generally, but can become coarse or fine grained over a few centimetres. Patchy, red-orange, apatite – sulphide development and pyroxene - apatite – sulphide veins observed.

104.7m-108.6m
Extremely coarse grained gabbro; crystals to 2cm.

108.6m-112.4m
Medium grained gabbro; some plagioclase-rich domains.

112.4m-121.2m
Extremely coarse grained gabbro; pronounced layering of plagioclase phenocrysts + pyroxene phenocrysts. Abundant magnetite and sulphides.

121.2m-161.5m (E.O.H)
Even textured, medium grained gabbro.

DD89LR24

Core interval inspected: 119.50m – 247.00m (E.O.H.)

119.50m – 123.60m
Extremely weathered, magnetite feldspar gneisses. Similar to gneisses in LR2 around 87m. Strong gneissic fabric, with brick red felsic and black magnetite-rich banding.

123.60m – 130.80m
Mafic granulite containing rare ?garnet. Typical amphibolite texture but not strong fabric developed. Very coarse grained hornblende after clinopyroxene. Sheared bottom contact and some "mixed" zones with feldspathic material incorporated.

130.80m – 144.20m
Felsic, hornblende + magnetite-rich gneiss. Strong fabric with foliation ~70º to C.A. Grey-red in colour. Mafic bands and schlieren in a generally pink matrix.

144.20m – 145.00m
Amphibolite.

145.00m – 149.00m
Brick red K-feldspar-rich pegmatite/granite. Intensely brecciated with magnetite + clinopyroxene as breccia matrix.

149.00m – 165.30m
Garnet-rich mafic-felsic gneiss. Garnet-feldspar-clinopyroxene ± hornblende ± quartz. Abundant magnetite. Some red K-feldspar-rich bands and schlieren. Fabric generally parallel to C.A. Clinopyroxene can rim garnet. Generally medium to coarse grained, grey to black-green in colour. Strong fabric.

165.30m – 169.70m
Granitoid similar to 145.00m-149.00m interval. Not brecciated here and does not contain magnetite as fracture fill, etc. Magnetite occurs as porphyroblasts in the granitoids.

169.70m – 172.90m
Amphibolite. Fine grained and does not exhibit an obvious fabric.

172.90m – 183.40m
Red-black felsic gneiss. Contains abundant deformed aggregates of hornblende ± magnetite ± biotite in a pink-red groundmass. Some pink felsic bands. Foliation at ~70º to C.A.

183.40m – 188.40m
Highly foliated, green mafic gneiss.

188.40m – 197.50m
Magnetite-rich, pink coloured, strongly foliated felsic gneiss. Schlieren and aggregates of hornblende ± magnetite ± ?biotite. Foliation to C.A. is ~50º -60º.

DD89LR24 cont'd.

197.50m – 202.60m
Amphibolite. Strongly sheared and veined in places. Fine to medium grained and green in colour.

202.60m – 206.80m
Brick red/pink felsic gneiss.

206.80m – 207.20m
Amphibolite. Highly sheared.

207.20m – 213.10m
Pink-red to grey felsic gneiss. Somewhat massive but contains folded K-feldspar leucosomes. Porphyroblasts of biotite ± hornblende.

213.10m – 218.80m
Amphibolite. Contains crackle veining as well as sub-horizontal (perpendicular to C.A.) K-feldspar ± magnetite veining with associated alteration adjacent to veining. Fine grained and medium grained.

218.80m – 247.00m
Quartz-rich, felsic gneiss. Can range from almost quartzite through to quartz-rich felsic gneiss. Rare sillimanite. Fabric often parallel to C.A. Generally pink in colour, although some mafic domains have a white groundmass.

E.O.H.

APPENDIX 2

MEMORANDUM – GEOPYSICAL REPORT

ANGLO AMERICAN

Memorandum

To VRG, TPK, AB, CST

From BLS, MRW

Date 07/02/03

Subject Mt Brady EL2881 Annual Geophysics Report

Introduction

During 2002 Anglo American acquired the existing gravity data for EL2881 from the open file records kept at PIRSA's office in Adelaide. The existing gravity coverage was too widely spaced for use in reliable geological and drill targeting. An additional 1860 gravity stations were collected within EL2881 (Figure 1.). Interpretation of the new combined gravity dataset (Figure 2.) together with the aeromagnetics (Figure 3.) and existing drill holes showed several discrete gravity and magnetic responses. These responses were prioritised based on known geological information and the highest priority targets were followed up with ground TEM. Nine lines of TEM were completed over the targets as shown in Figure 1.

Gravity

The gravity stations were collected by Fugro Ground Geophysics under contract to Anglo American Exploration (Australia) Pty Ltd. The data was collected as part of a larger gravity program completed for Anglo in the Coober Pedy District. The survey specifications and reduction formula are contained in Appendix 1 and the digital data is included in Appendix 3. A residual bouguer gravity map with contours at 1 mgal is shown in Figure 2.

Electromagnetics

The TEM data was collected by Quadrant Geophysics using a Smartem receiver, Zonge GGT-10 transmitter and a Zonge TEM-3 receiving coil. The survey used an in loop configuration with a loop size of 200m. A copy of the data in AMIRA format is included in appendix 3. The locations of the EM lines were positioned to cross targets generated from interpretation of the aeromagnetic and gravity datasets. Profile plots with corresponding depth conductivity section are provided in Appendix 2.

Line 471200E was targeted over a discrete positive magnetic anomaly located on the Western flank of a positive gravity feature. The TEM line recorded a strong early time response along the line, interpreted to be produced by conductive overburden. There were no bedrock conductor responses recorded.

Line 474100E is located over a broad positive gravity anomaly. This TEM line also recorded strong responses in the early time channels produced by conductive cover and no significant late time responses.

Line 477100E crosscuts a linear positive magnetic feature and is located to the East of a low gravity trough. The TEM line shows the presence of a conductive overburden,

several stations show noisy readings in the late time channels but no bedrock conductive responses were recorded.

Line 478400E crosscuts a linear magnetic ridge and a proximal discrete magnetic feature. The line also crosses a NE/SW trending moderate amplitude positive gravity ridge. The TEM line shows a conductive overburden and no bedrock conductors.

Line 478800E, this line crosses the eastern edge of the linear mag feature covered by Lines 477100E and 478400E. It is situated in a hinge position between two linear moderate amplitude positive gravity ridges. The TEM line shows the presence of a conductive overburden, several stations show noisy readings in the late time channels but no bedrock conductive responses were recorded.

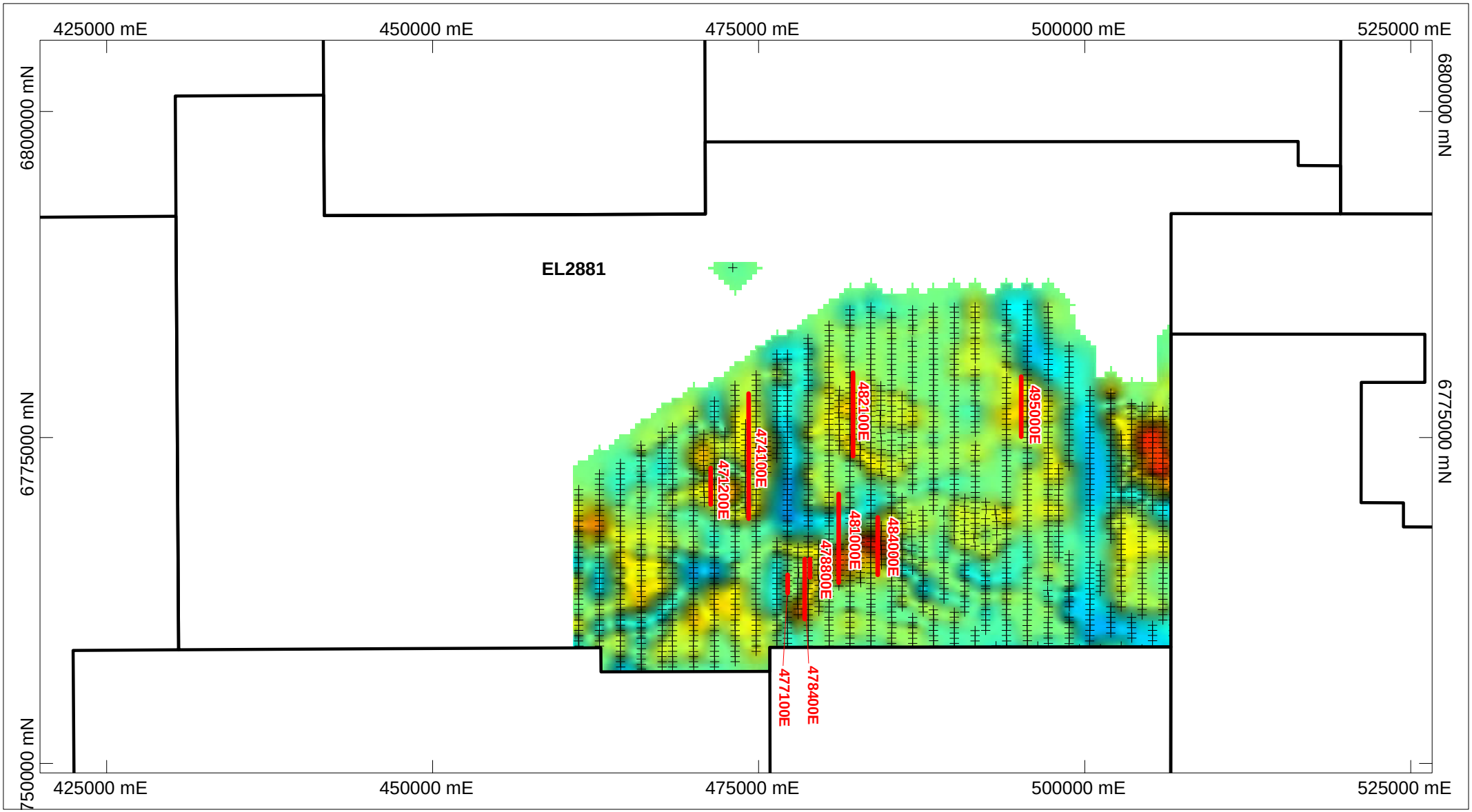
Line 481000E this line targets one of the highest amplitude positive gravity responses in EL2881. This location is magnetically quiet with several dykes producing subtle linear responses. The TEM line shows the conductive overburden cover thickening from approximately 50m to over 200m in the middle of the line. The thick sequence of conductive overburden corresponds to a low gravity trough located to the North of the high amplitude gravity feature that the line was targeting. No bedrock responses were recorded on this line.

Line 482100E this line crosses two moderate amplitude gravity features and is situated in a magnetically quiet area. The TEM shows a conductive overburden sequence interpreted as 100m thick along the line. No bedrock conductive responses were recorded.

Line 484000E this line crosses a high amplitude gravity feature which is coincident with a subtle positive magnetic feature. The TEM line shows the conductive overburden thickening from an interpreted 50m thickness in the southern portion of the line to a thickness of approximately 200m at the northern end of the line. There were no bedrock responses.

Line 495000E was targeted over a moderate amplitude gravity feature, the magnetic coverage shows a folded moderate amplitude positive ridge in this location. A strong early time response was recorded along the line and the thickness of conductive cover along this line is interpreted as approximately 100m.

The TEM did not generate any strong targets for follow up. The survey showed the overburden thickness to be variable and a general trend of increasing thickness towards the east was observed. It is not thought that the conductive cover would have obscured any bedrock conductive responses present within the depth range for economic exploration.



LOCATION MAP

N
W E
S

0 10 20
Kilometres

EM line

Gravity station

ANGLO AMERICAN

REGION: GAWLER

PROJECT: COOBER PEDY

DRAWING No: AUS_SA_COO_GP_11841.wor

EL2881
GEOPHYSICAL SURVEY LOCATIONS
2002

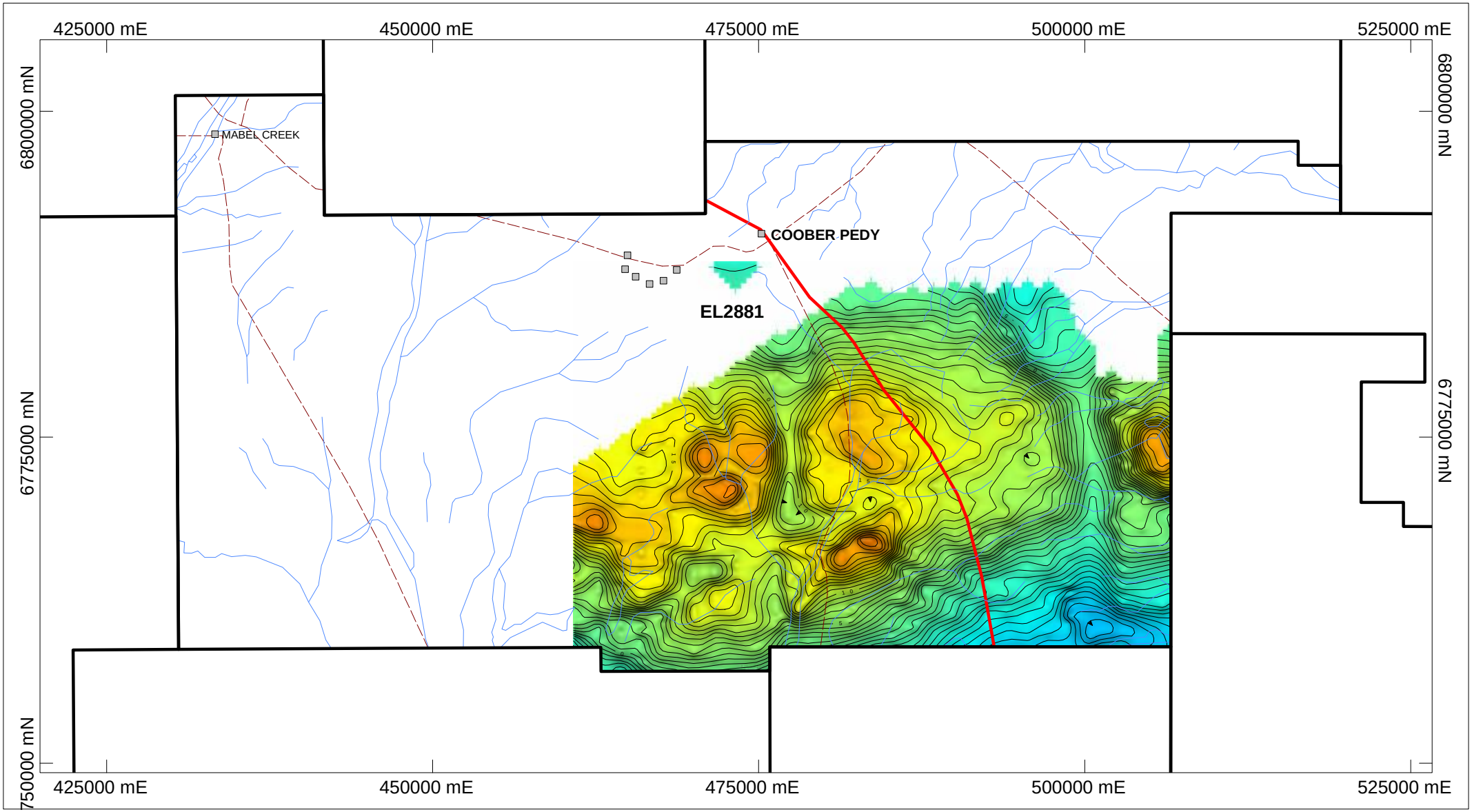
AUTHOR: B Stacey

COMPILED BY: C Lucy

DATE: 07/02/2003

PROJECTION: MGA Zone 53 (GDA94)

SCALE: 1:400,000



LOCATION MAP

N
W E
S

0 10 20
Kilometres

ANGLO AMERICAN

REGION: GAWLER

PROJECT: COOBER PEDY

DRAWING No: AUS_SA_COO_GP_11839.wor

EL2881
BOUGER GRAVITY (2.67) with 1 Mgal contours

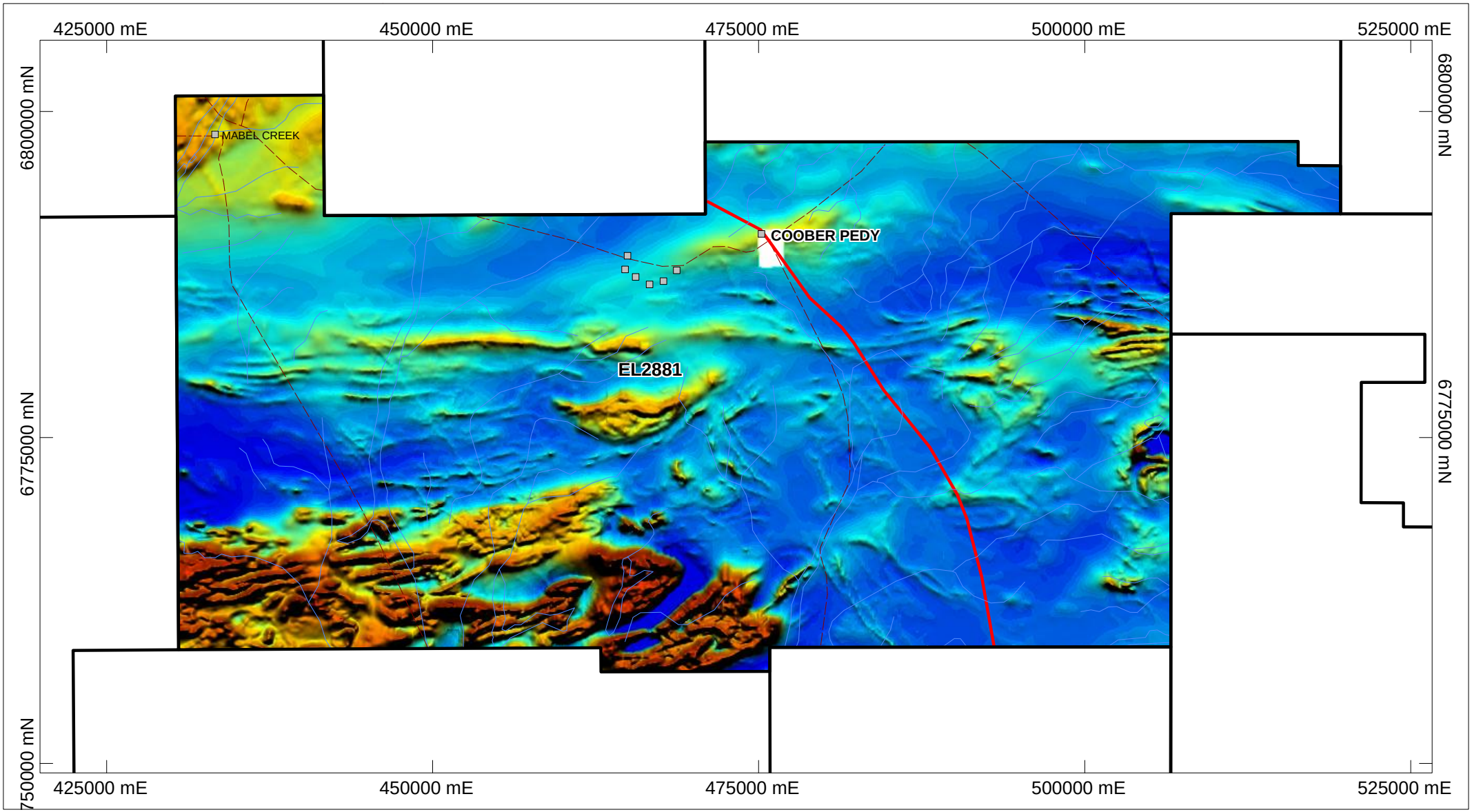
AUTHOR: B Stacey

COMPILED BY: C Lucy

DATE: 07/02/2003

PROJECTION: MGA Zone 53 (GDA94)

SCALE: 1:400,000



LOCATION MAP

0 10 20

Kilometres

ANGLO AMERICAN

REGION: GAWLER

PROJECT: COOBER PEDY

DRAWING No: AUS_SA_COO_GP_11840.wor

EL2881
RTP AEROMAGNETICS

AUTHOR: B Stacey

COMPILED BY: C Lucy

DATE: 07/02/2003

PROJECTION: MGA Zone 53 (GDA94)

SCALE: 1:400,000

Appendix 1. Gravity Specifications and reduction formulae

Gravity data was acquired using a Scintrex CG-3 and LaCoste Romberg G Model gravity meters and located using dual frequency Ashtec Z-12 GPS receivers. Gravity data was referenced to the Australian Fundamental Gravity Network (Isogal 84) with horizontal co-ordinates referenced to the Geocentric Datum of Australia (1994). Vertical coordinate data was referenced to the Australian Height Datum (1971).

The survey area ranged from flat and open to scrub covered sections, sand dune lenses and breakaway terrains. A combination of 2 and 3 single person crews surveyed simultaneously utilising 4WD vehicles. A fourth person was required as a dedicated processor responsible for data management and quality.

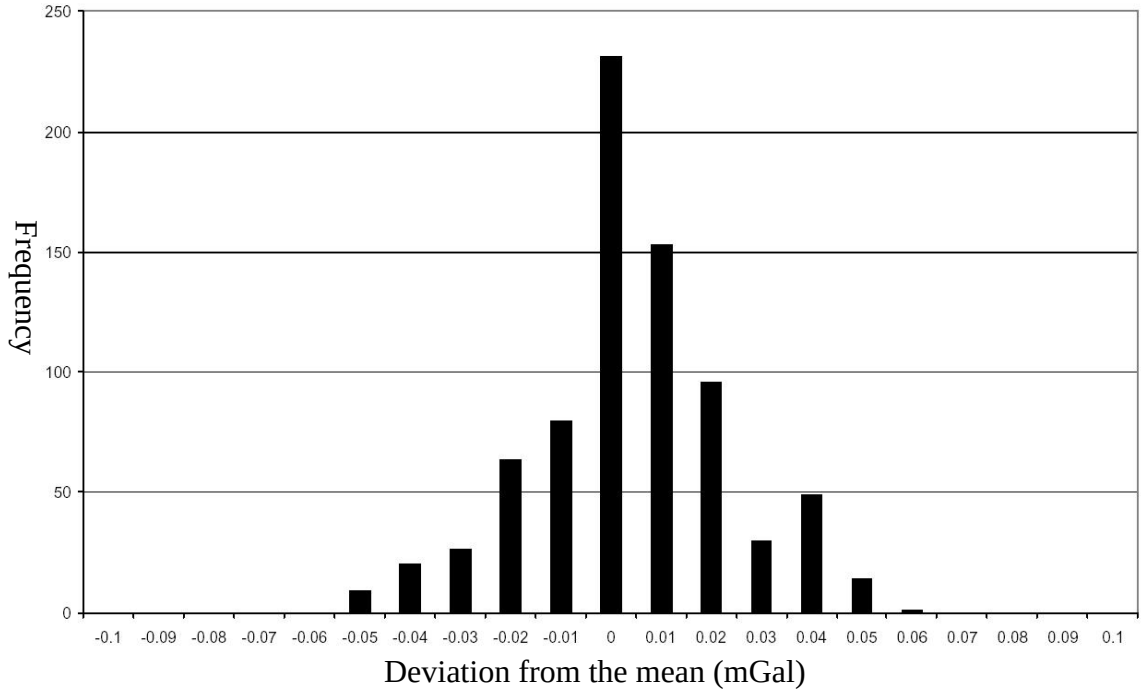
The survey was conducted by Fugro personnel David Allen (Geophysicist), Tony Bryant (Surveyor), David Parker (Technician), Paul Chatley (operator) and Kent Honner (operator). Surveying was completed during the period June 26 to August 30 2002.

Positioning information was obtained through GPS using Ashtec Z-12 receivers. The receivers are 12 channel, dual frequency with typical sub-decimetre positioning (X,Y,Z) repeatability's. GPS data was acquired using post processed surveying methodologies with receivers set to log observations at 5 second intervals to internal memory which was downloaded at the completion of the survey day.

Gravity base station observations for meter drift control were made at the start and completion of the survey day, for a duration of approximately 10 hours. Intermediate base observations are not necessary using modern gravity meters (when the earth tide effect is computed and removed), as they generally have extremely stable and linear drift characteristics. Observation of drift error and drift correction application is demonstrated at the minimum 5% repeat stations taken each day with each meter.

Approximately 9% of readings were repeated. Figure 1 below is a frequency distribution graph of errors measured by all gravity meters used on the full Coober Pedy survey. The overall standard deviation of all gravity repeat errors was 0.02 mGal with over 99% of the gravity repeat reading errors within ±0.05mGal (1s).

Observed Gravity Repeats



All gravity and GPS processing was carried out in the field on a daily basis and e-mailed nightly to Fugro Perth for additional quality control and forwarding to Anglo American. Gravity was reduced to Bouguer Anomaly using the 1967 reduction formulae as stated in the BMR report 261.

The 1967 reduction formula is given as follows:

$$? g_{BA} (1984) = g_{obs} (\text{Isogal } 1984) – g_n (1967) + 0.3086h – 0.0419?h \text{ (mGal)}$$

Where

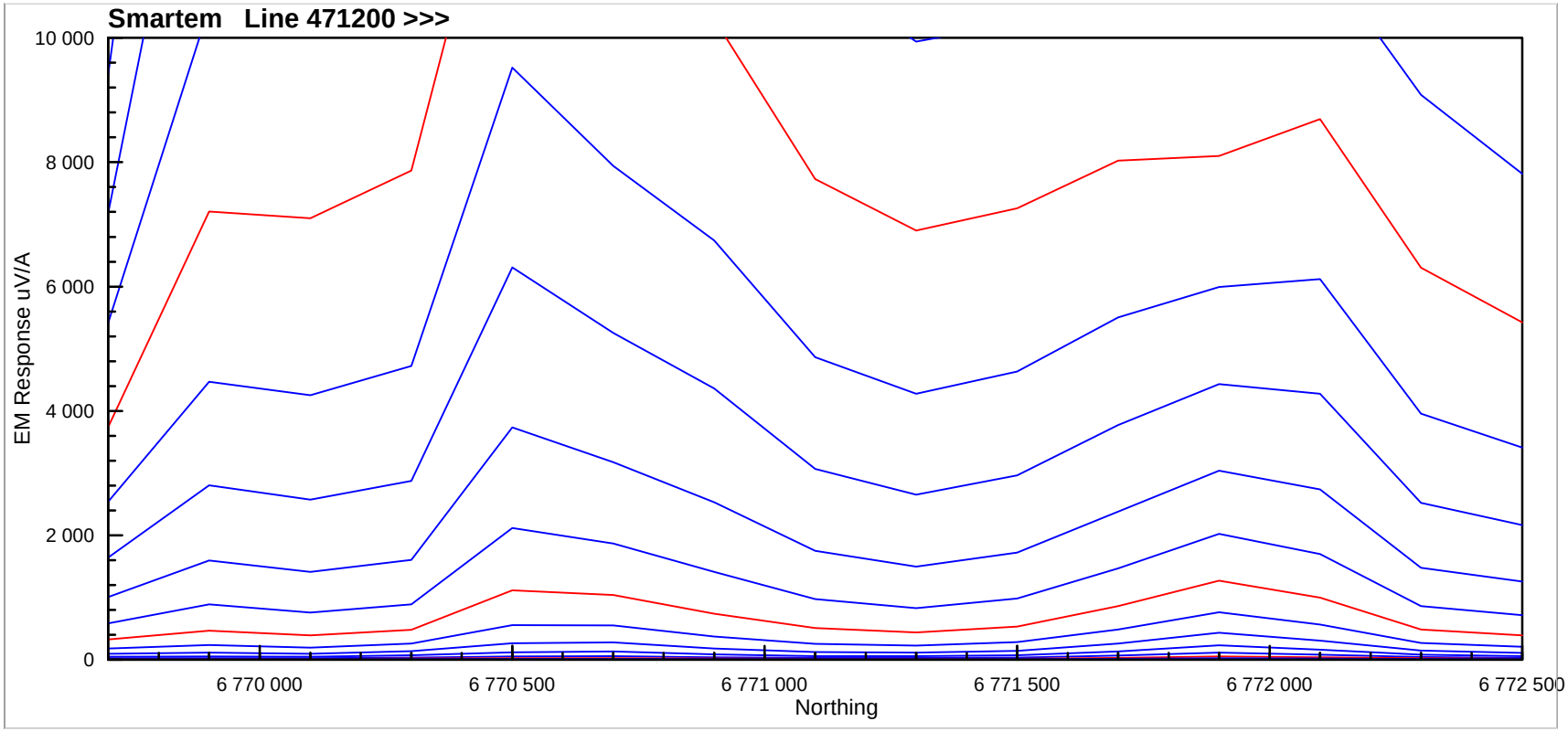
$$g_n (1967) = 978031.8 (1 + 0.0053024\sin^2 f – 0.0000059 \sin^2 2f) \text{ (mGal)}$$

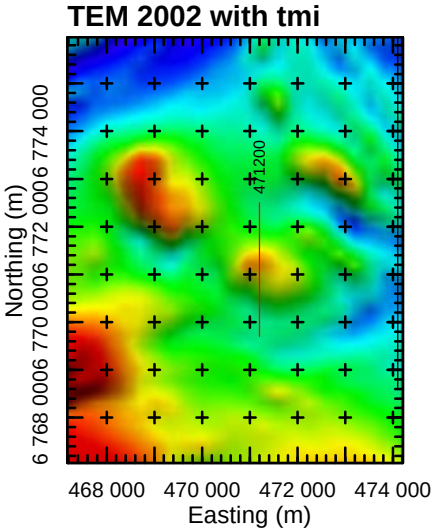
Latitude (f) corrections were made based on the GDA94 value, while elevation (h) was using the AHD height, with density values (?) of 2.2,2.4 and 2.67gm/cc. Tidal corrections were obtained using the Longman formula based on the position (latitude, longitude and GMT difference) of the centre of the survey area.

All GPS data was acquired and processed in the GDA94/WGS84 datum. All elevations were converted to AHD71 by application of the Ausgeoid98 ‘N’ value for the station. Final horizontal coordinates were supplied in WGS84/GDA94 geographic and projected MGA(Zone 53) grid coordinates. GPS data was post processed using Ashtec P-Nav software with ‘on the fly’ resolution and all the final Bouguer and observed gravity processing was performed using in-house software.

Gravity data was processed in units of milligals, on the Australian Fundamental Gravity Network Datum (based on the IGSN71), Isogal 84.

In the field, data was processed, checked for obvious errors, merged and contoured to ensure consistency and correct functioning of equipment. Repeat errors were analysed daily to ensure data quality requirements were being achieved.

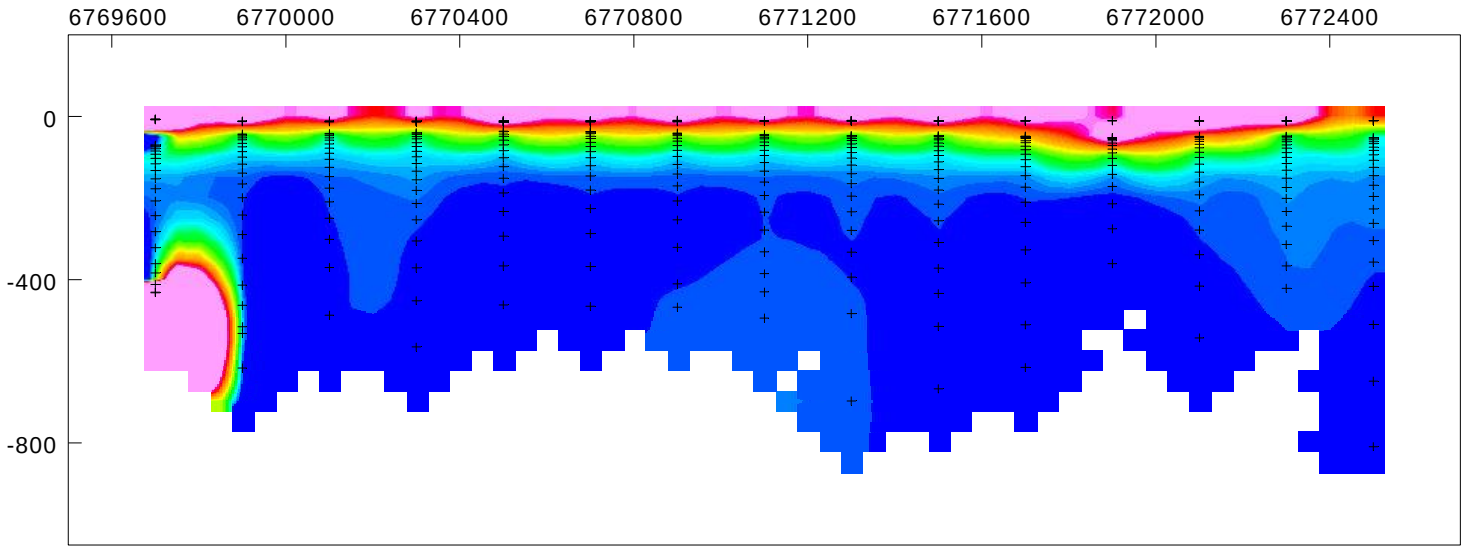




Survey Parameters

Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 4.1667
Sensor: TEM-3 No Chs: 29
Current: 18

Line 471200E EMAX Conductivity Depth Section mS/m
Linear colour stretch 0 - 500

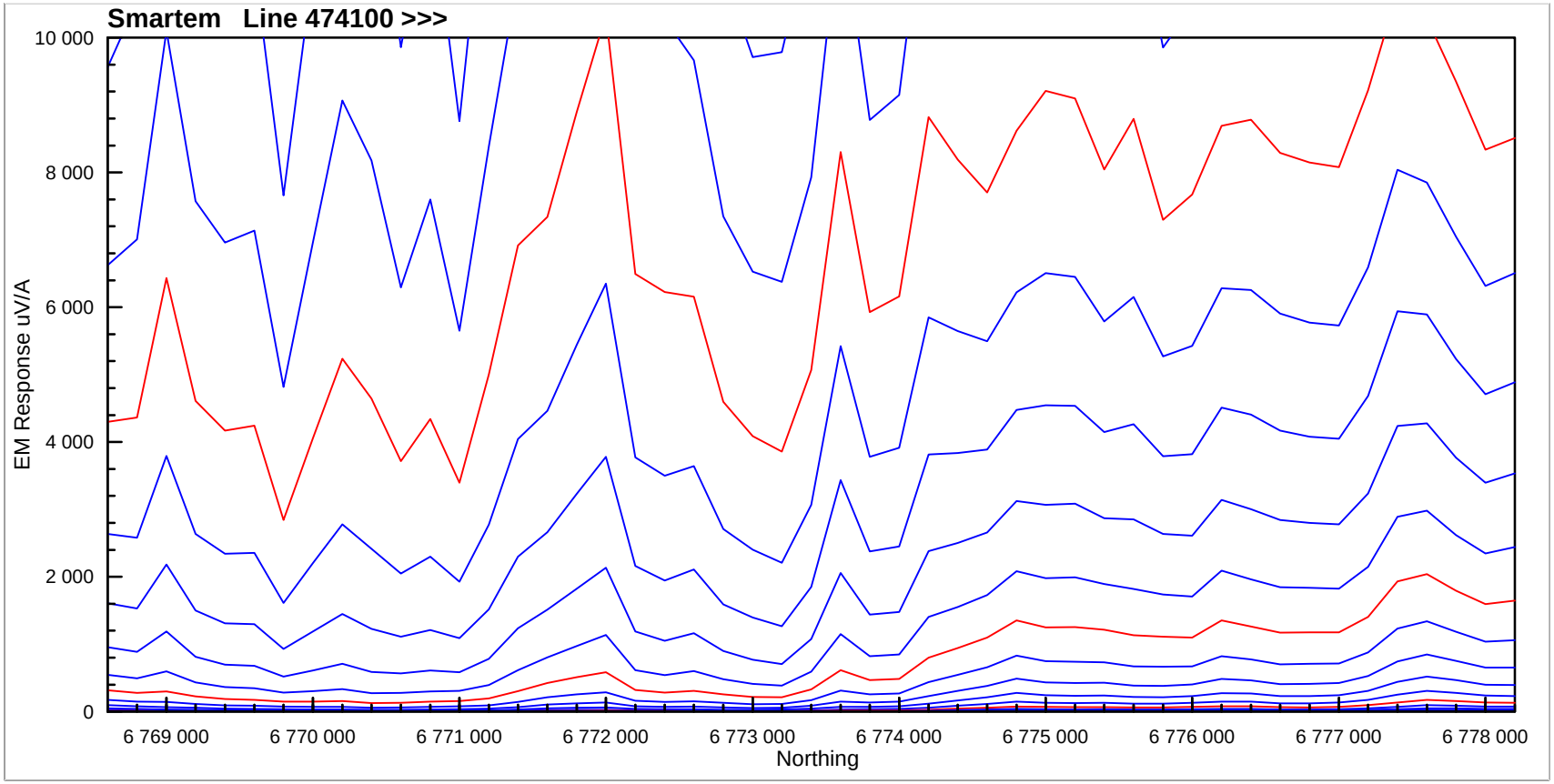


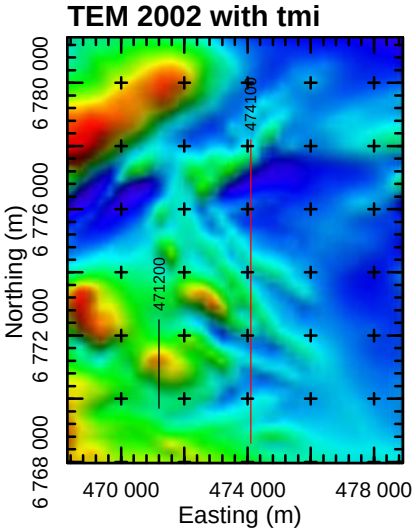
Window Times

Ch	Start	End	Ch	Start	End
1	0.09	0.11	15	1.81	2.32
2	0.11	0.14	16	2.24	2.89
3	0.13	0.17	17	2.79	3.58
4	0.17	0.22	18	3.46	4.45
5	0.21	0.27	19	4.29	5.52
6	0.26	0.33	20	5.33	6.85
7	0.32	0.41	21	6.62	8.51
8	0.40	0.51	22	8.22	10.56
9	0.49	0.63	23	10.2	13.12
10	0.61	0.79	24	12.66	16.28
11	0.76	0.98	25	15.72	20.21
12	0.94	1.21	26	19.52	25.1
13	1.17	1.51	27	24.23	31.16
14	1.46	1.87	28	30.08	38.68
			29	37.35	48.02

ANGLO AMERICAN

Coober Pedy Project
EL 2881
Line 471200





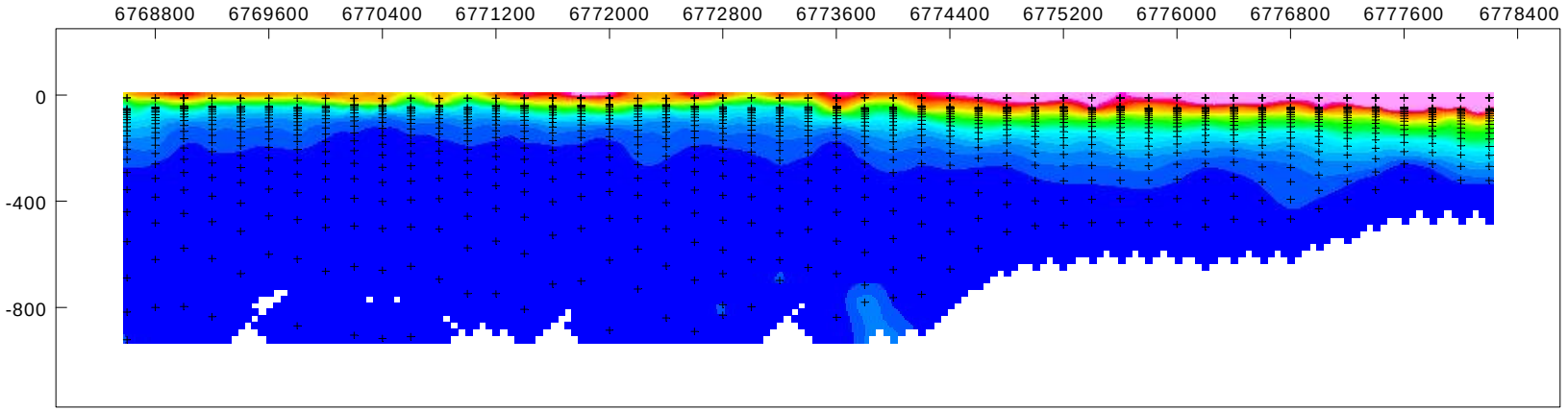
Survey Parameters

Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 4.1667
Sensor: TEM-3 No Chs: 29
Current: 18

Window Times

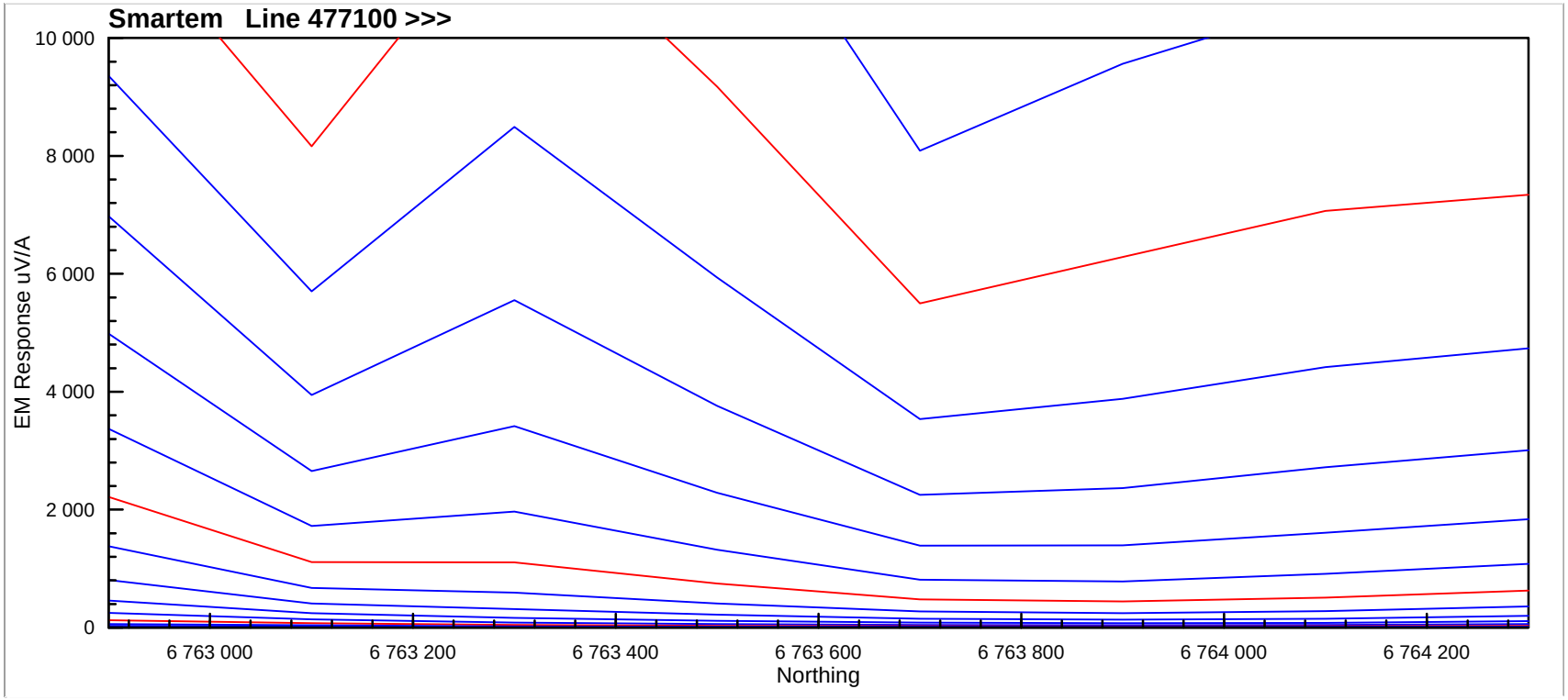
Ch	Start	End	Ch	Start	End
1	0.09	0.11	15	1.81	2.32
2	0.11	0.14	16	2.24	2.89
3	0.13	0.17	17	2.79	3.58
4	0.17	0.22	18	3.46	4.45
5	0.21	0.27	19	4.29	5.52
6	0.26	0.33	20	5.33	6.85
7	0.32	0.41	21	6.62	8.51
8	0.40	0.51	22	8.22	10.56
9	0.49	0.63	23	10.2	13.12
10	0.61	0.79	24	12.66	16.28
11	0.76	0.98	25	15.72	20.21
12	0.94	1.21	26	19.52	25.1
13	1.17	1.51	27	24.23	31.16
14	1.46	1.87	28	30.08	38.68
			29	37.35	48.02

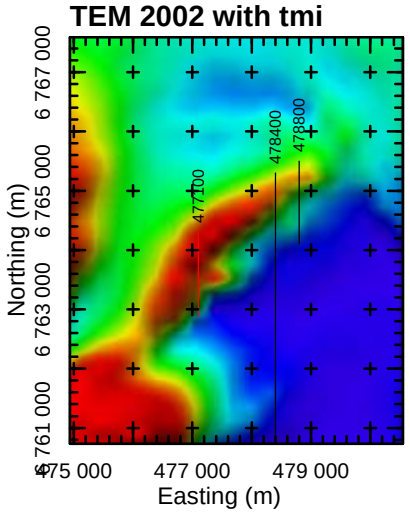
Line 474100E EMAX Conductivity Depth Section mS/m VE:2
Linear colour stretch 0 - 500



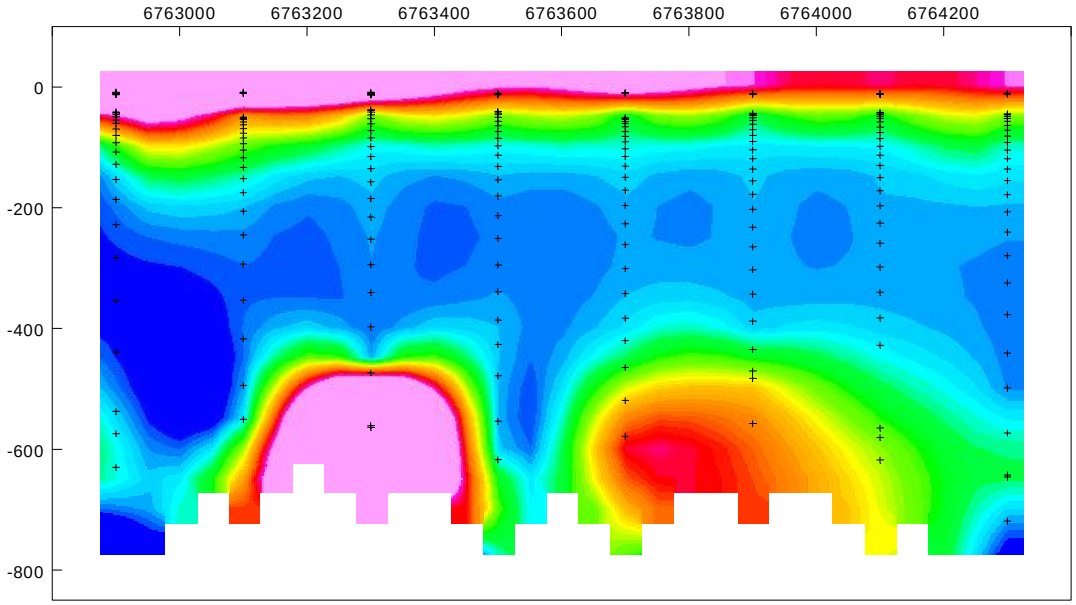
ANGLO AMERICAN

Coober Pedy Project
EL 2881
Line 474100





Line 477100E EMAX Conductivity Depth Section mS/m VE:2
Linear colour stretch 0 - 500



Survey Parameters

Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 2.0833
Sensor: TEM-3 No Chs: 33
Current: 18
Window Times

Ch	Start	End	Ch	Start	End
1	0.09	0.11	18	3.46	4.45
2	0.11	0.14	19	4.29	5.52
3	0.13	0.17	20	5.33	6.85
4	0.17	0.22	21	6.62	8.51
5	0.21	0.27	22	8.22	10.56
6	0.26	0.33	23	10.2	13.12
7	0.32	0.41	24	12.66	16.28
8	0.40	0.51	25	15.72	20.21
9	0.49	0.63	26	19.52	25.1
10	0.61	0.79	27	24.23	31.16
11	0.76	0.98	28	30.08	38.68
12	0.94	1.21	29	37.35	48.02
13	1.17	1.51	30	46.36	59.61
14	1.46	1.87	31	57.56	74.01
15	1.81	2.32	32	71.46	91.88
16	2.24	2.89	33	88.72	114.06
17	2.79	3.58			

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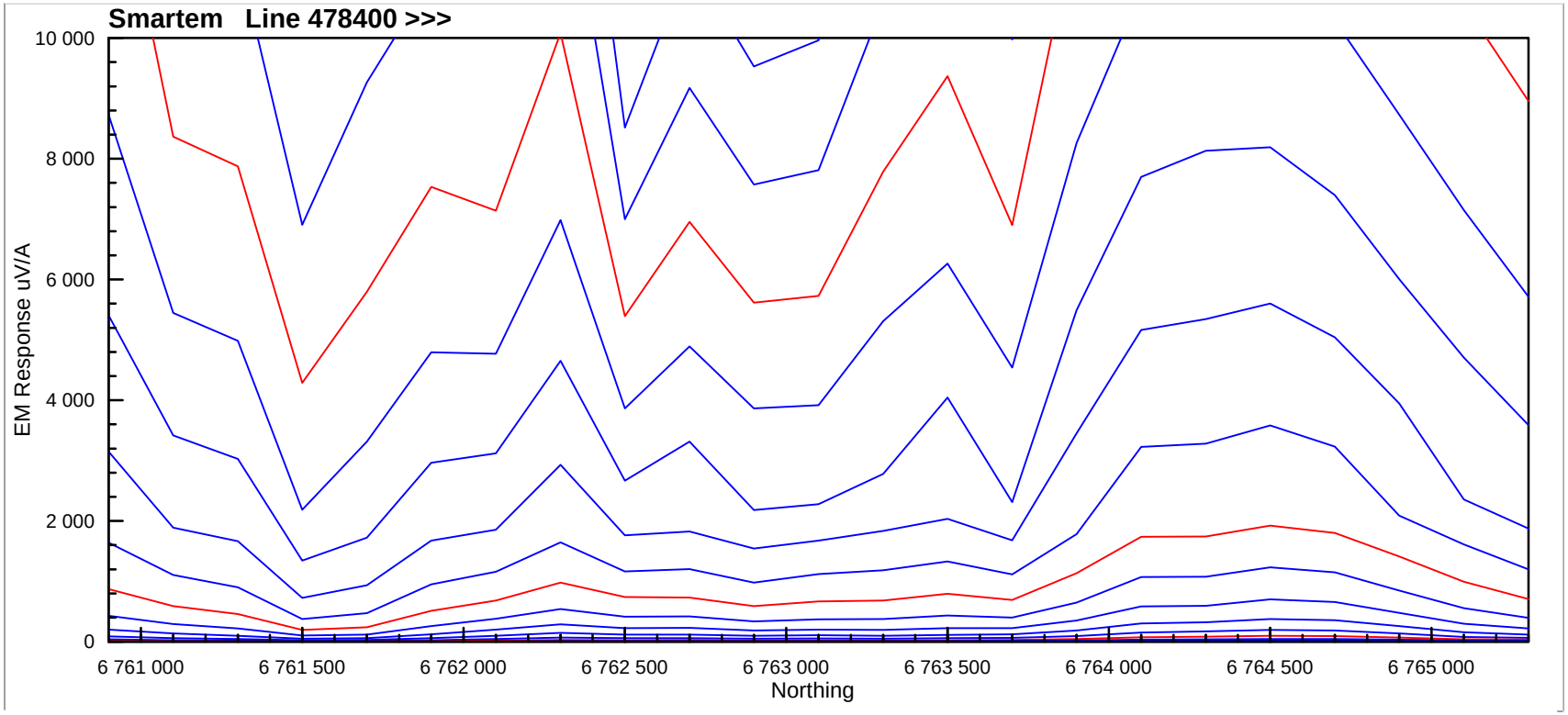
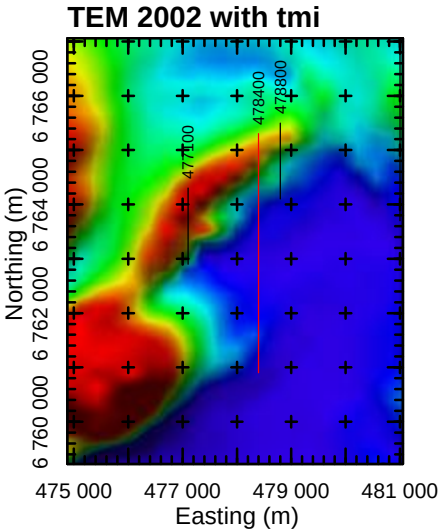
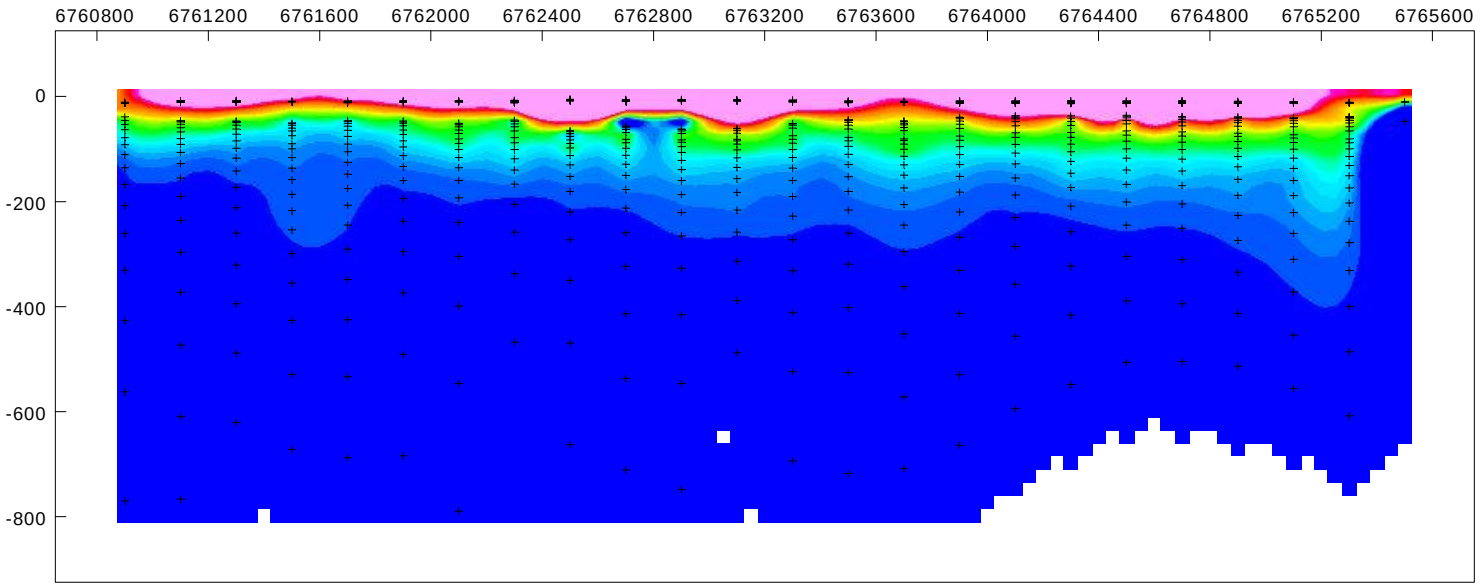
Coober Pedy Project
EL 2881
Line 477100





Line 478400E EMAX Conductivity Depth Section mS/m VE:2
Linear colour stretch 0 - 500



Survey Parameters

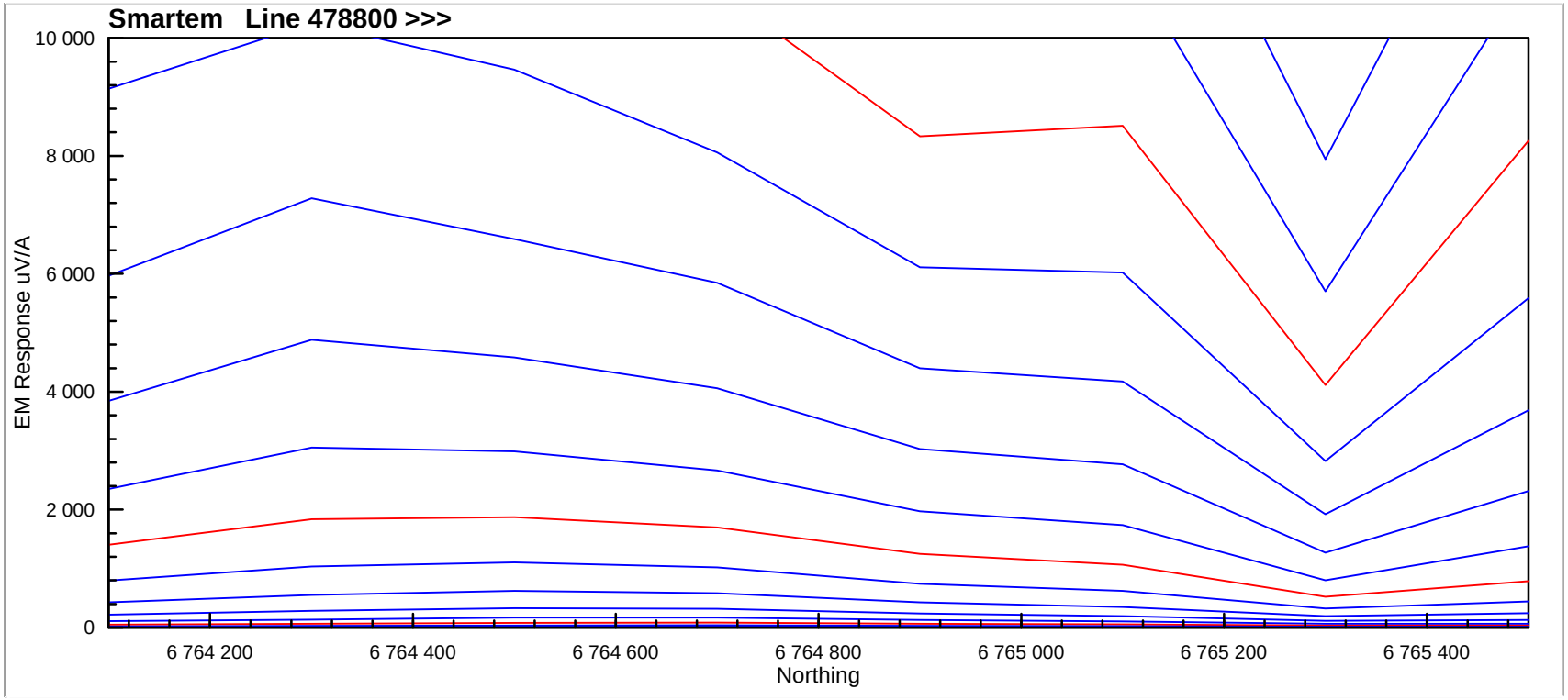
Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 4.1667
Sensor: TEM-3 No Chs: 29
Current: 18

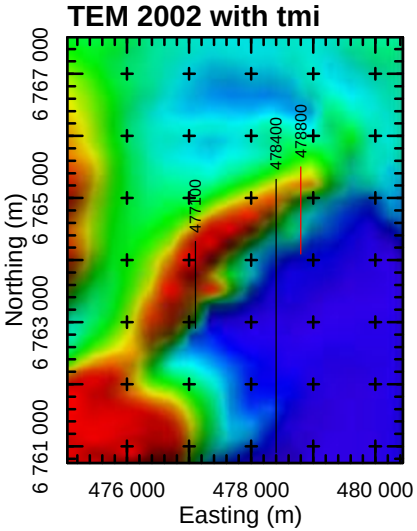
Window Times

Ch	Start	End	Ch	Start	End
1	0.09	0.11	15	1.81	2.32
2	0.11	0.14	16	2.24	2.89
3	0.13	0.17	17	2.79	3.58
4	0.17	0.22	18	3.46	4.45
5	0.21	0.27	19	4.29	5.52
6	0.26	0.33	20	5.33	6.85
7	0.32	0.41	21	6.62	8.51
8	0.40	0.51	22	8.22	10.56
9	0.49	0.63	23	10.2	13.12
10	0.61	0.79	24	12.66	16.28
11	0.76	0.98	25	15.72	20.21
12	0.94	1.21	26	19.52	25.1
13	1.17	1.51	27	24.23	31.16
14	1.46	1.87	28	30.08	38.68
			29	37.35	48.02

ANGLO AMERICAN

Coober Pedy Project
EL 2881
Line 478400



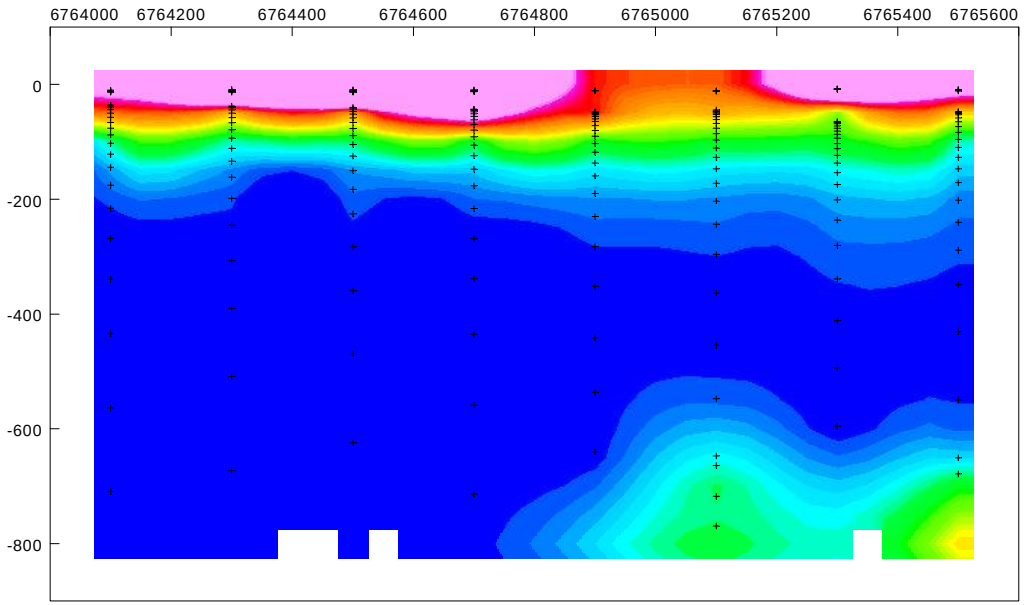


Survey Parameters

Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 2.0833
Sensor: TEM-3 No Chs: 33
Current: 18
Window Times

Ch	Start	End	Ch	Start	End
1	0.09	0.11	18	3.46	4.45
2	0.11	0.14	19	4.29	5.52
3	0.13	0.17	20	5.33	6.85
4	0.17	0.22	21	6.62	8.51
5	0.21	0.27	22	8.22	10.56
6	0.26	0.33	23	10.2	13.12
7	0.32	0.41	24	12.66	16.28
8	0.40	0.51	25	15.72	20.21
9	0.49	0.63	26	19.52	25.1
10	0.61	0.79	27	24.23	31.16
11	0.76	0.98	28	30.08	38.68
12	0.94	1.21	29	37.35	48.02
13	1.17	1.51	30	46.36	59.61
14	1.46	1.87	31	57.56	74.01
15	1.81	2.32	32	71.46	91.88
16	2.24	2.89	33	88.72	114.06
17	2.79	3.58			

Line 478800E EMAX Conductivity Depth Section mS/m
Linear colour stretch 0 - 500



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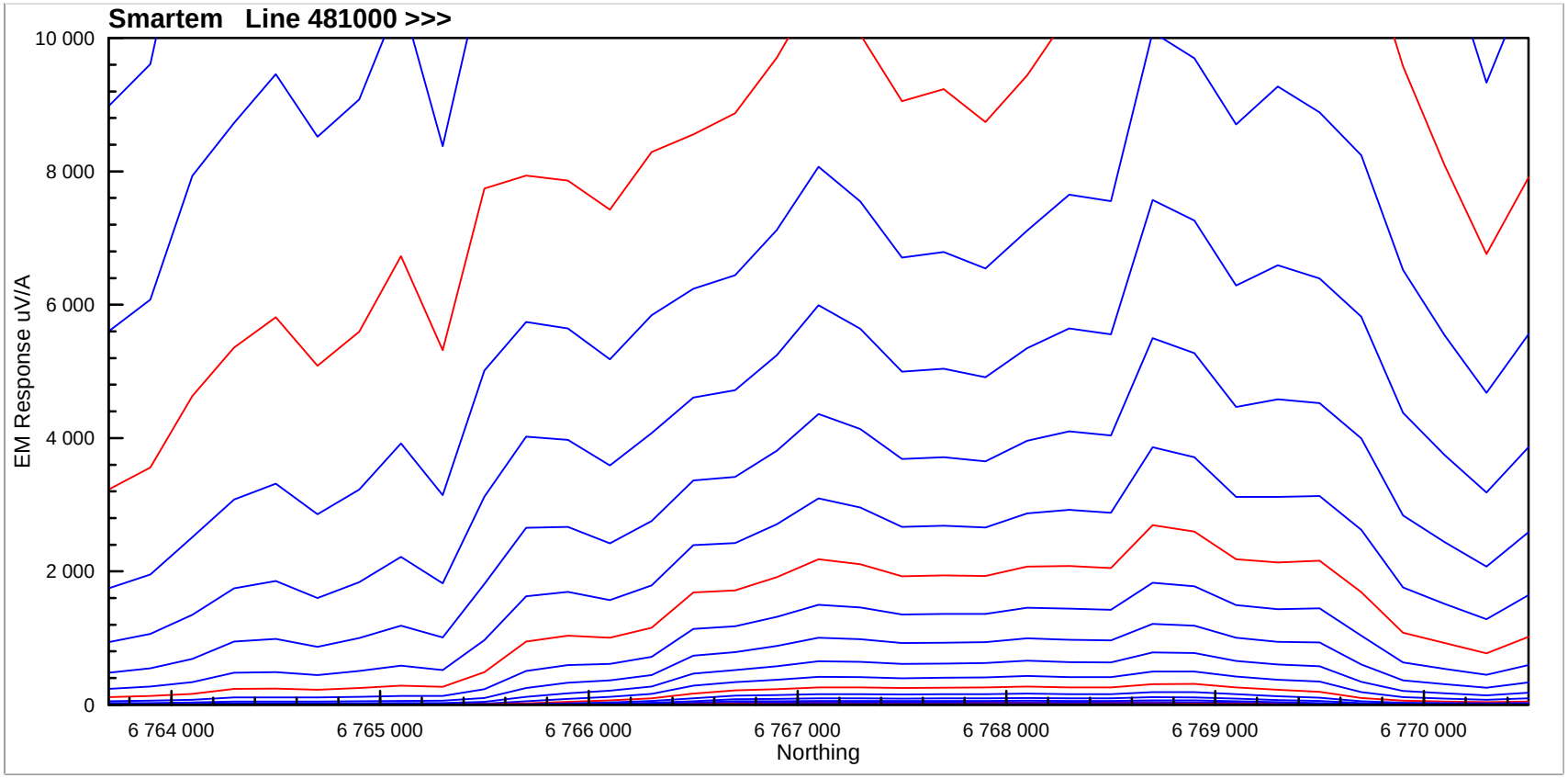
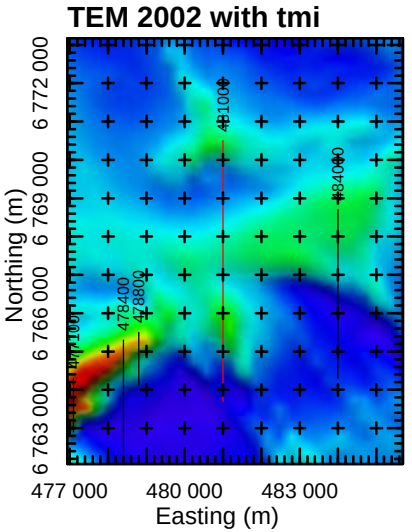
Coober Pedy Project
EL 2881
Line 478800





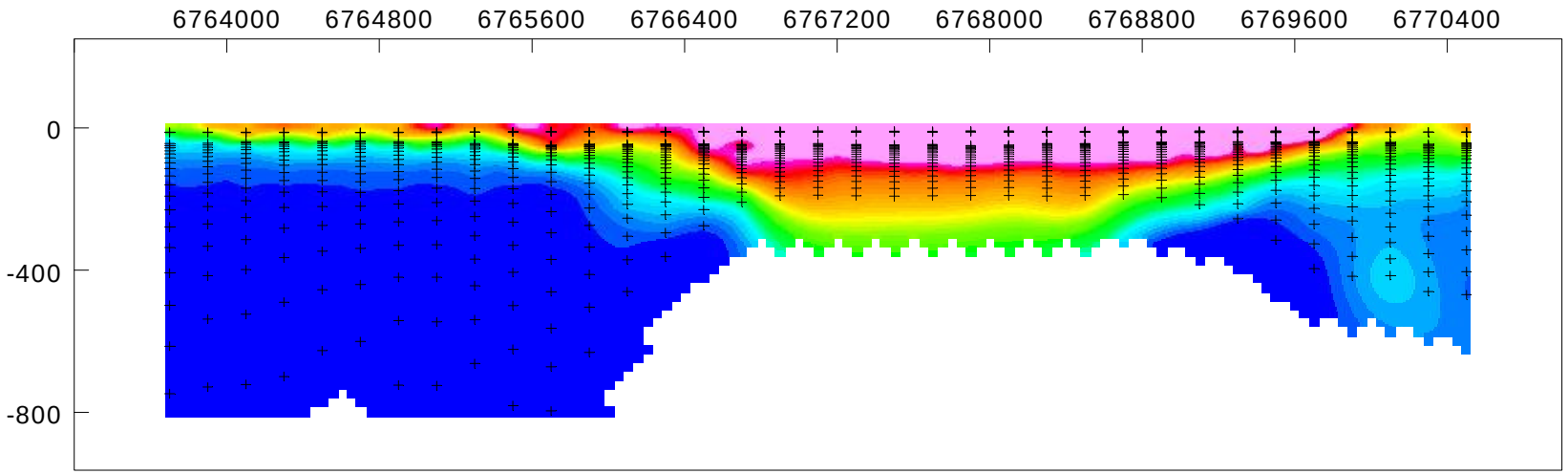
Survey Parameters

Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 4.1667
Sensor: TEM-3 No Chs: 29
Current: 18

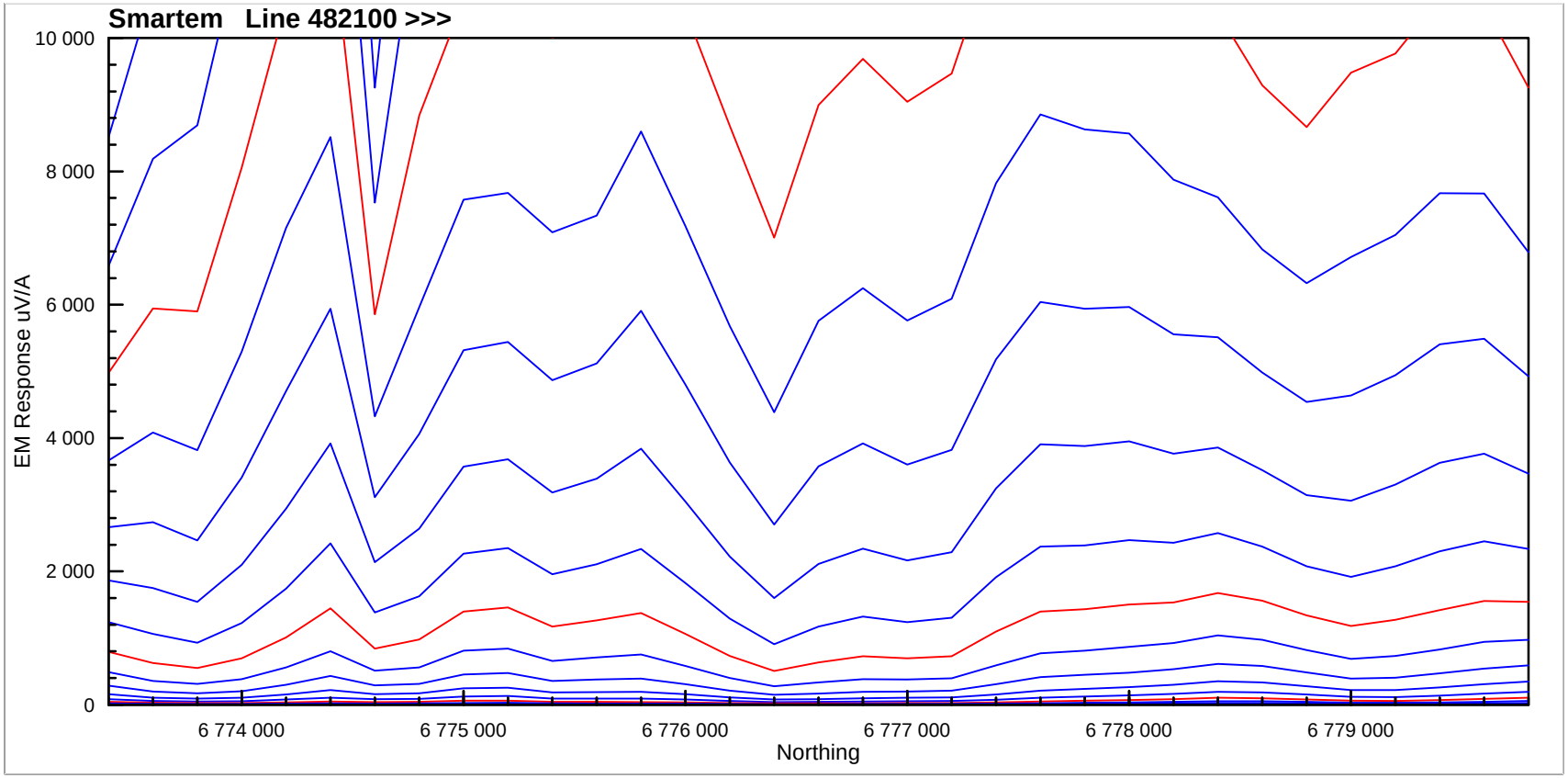
Window Times

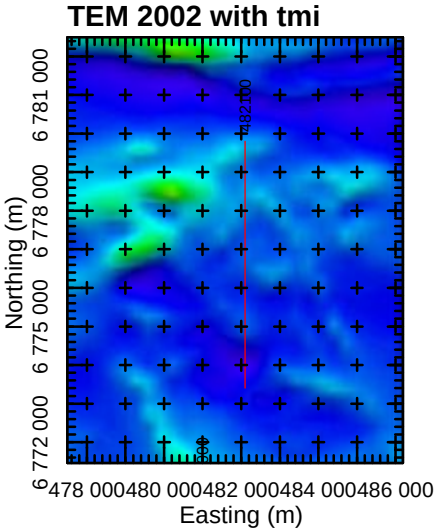
Ch	Start	End	Ch	Start	End
1	0.09	0.11	15	1.81	2.32
2	0.11	0.14	16	2.24	2.89
3	0.13	0.17	17	2.79	3.58
4	0.17	0.22	18	3.46	4.45
5	0.21	0.27	19	4.29	5.52
6	0.26	0.33	20	5.33	6.85
7	0.32	0.41	21	6.62	8.51
8	0.40	0.51	22	8.22	10.56
9	0.49	0.63	23	10.2	13.12
10	0.61	0.79	24	12.66	16.28
11	0.76	0.98	25	15.72	20.21
12	0.94	1.21	26	19.52	25.1
13	1.17	1.51	27	24.23	31.16
14	1.46	1.87	28	30.08	38.68
			29	37.35	48.02

Line 481000E EMAX Conductivity Depth Section mS/m VE:2
Linear colour stretch 0 - 500



Coober Pedy Project
EL 2881
Line 481000





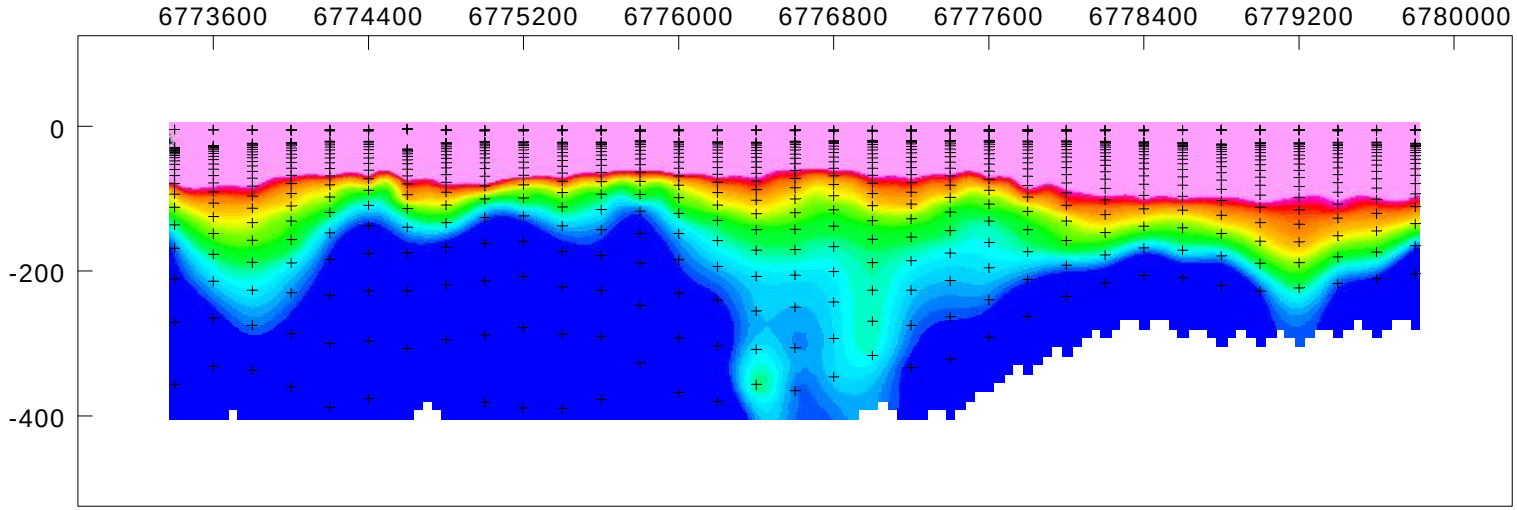
Survey Parameters

Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 4.1667
Sensor: TEM-3 No Chs: 29
Current: 18

Window Times

Ch	Start	End	Ch	Start	End
1	0.09	0.11	15	1.81	2.32
2	0.11	0.14	16	2.24	2.89
3	0.13	0.17	17	2.79	3.58
4	0.17	0.22	18	3.46	4.45
5	0.21	0.27	19	4.29	5.52
6	0.26	0.33	20	5.33	6.85
7	0.32	0.41	21	6.62	8.51
8	0.40	0.51	22	8.22	10.56
9	0.49	0.63	23	10.2	13.12
10	0.61	0.79	24	12.66	16.28
11	0.76	0.98	25	15.72	20.21
12	0.94	1.21	26	19.52	25.1
13	1.17	1.51	27	24.23	31.16
14	1.46	1.87	28	30.08	38.68
			29	37.35	48.02

Line 482100E EMAX Conductivity Depth Section mS/m VE:2
Linear colour stretch 0 - 500



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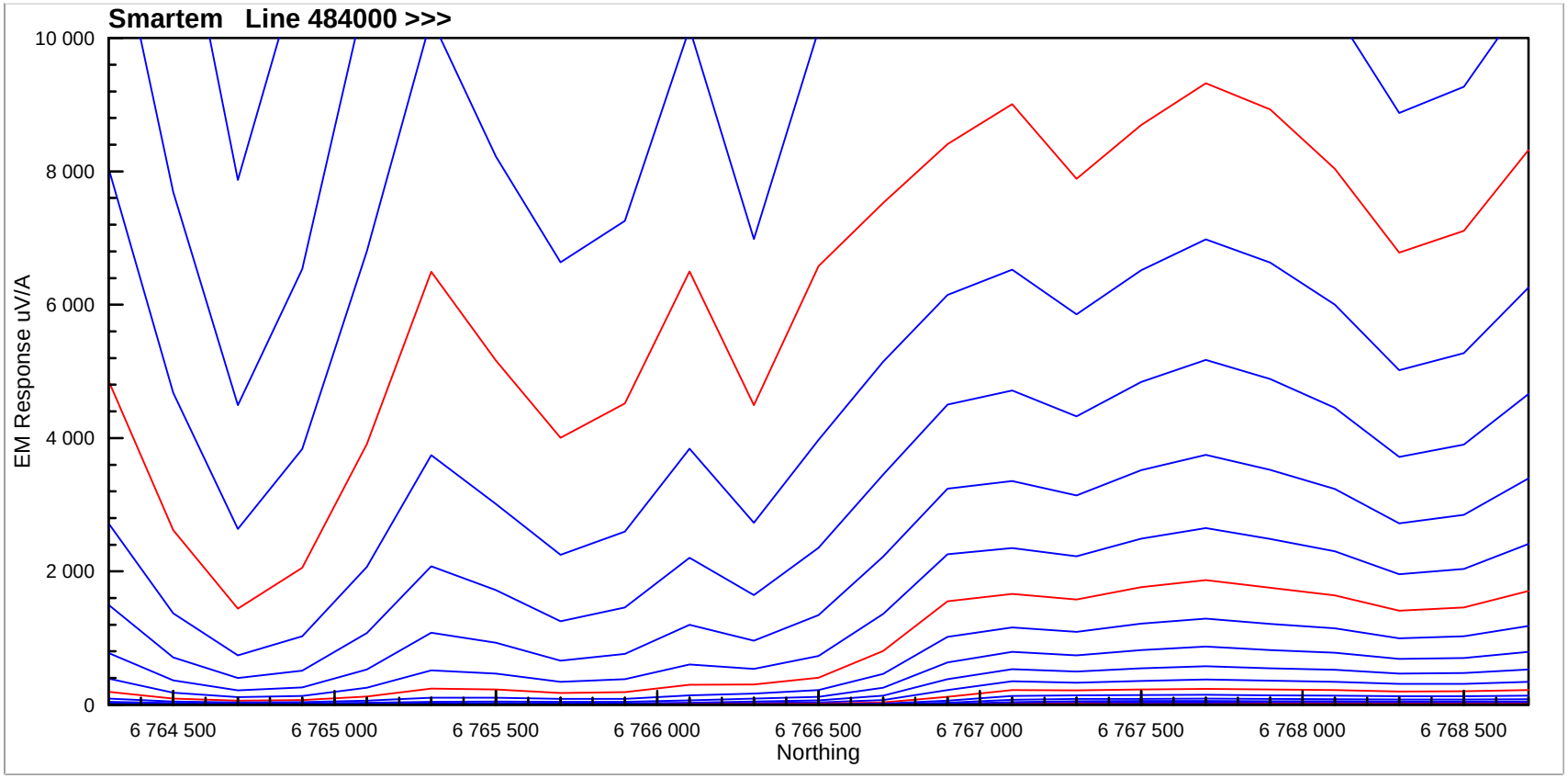
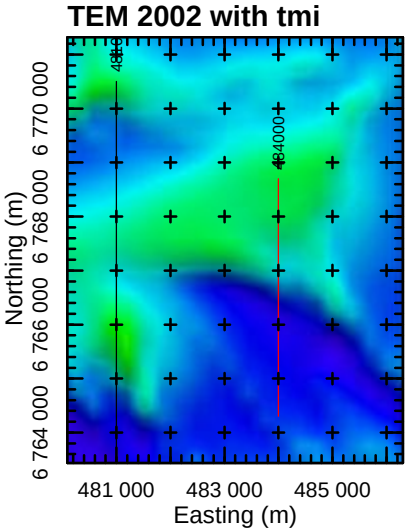
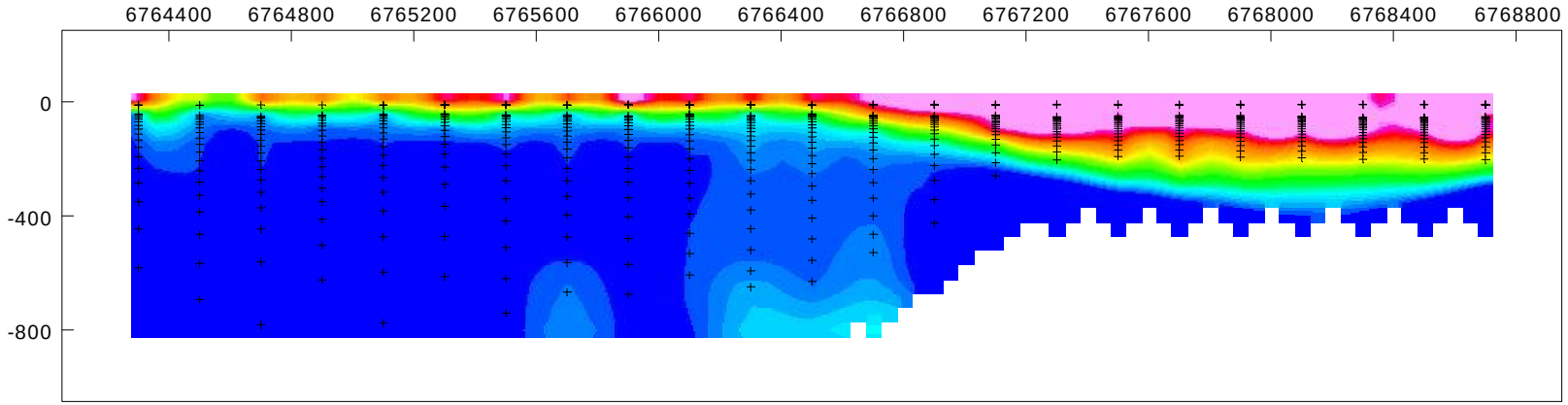
Coober Pedy Project
EL 2881
Line 482100





Line 484000E EMAX Conductivity Depth Section mS/m
Linear colour stretch 0 - 500



Survey Parameters

Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 4.1667
Sensor: TEM-3 No Chs: 29
Current: 18

Window Times

Ch	Start	End	Ch	Start	End
1	0.09	0.11	15	1.81	2.32
2	0.11	0.14	16	2.24	2.89
3	0.13	0.17	17	2.79	3.58
4	0.17	0.22	18	3.46	4.45
5	0.21	0.27	19	4.29	5.52
6	0.26	0.33	20	5.33	6.85
7	0.32	0.41	21	6.62	8.51
8	0.40	0.51	22	8.22	10.56
9	0.49	0.63	23	10.2	13.12
10	0.61	0.79	24	12.66	16.28
11	0.76	0.98	25	15.72	20.21
12	0.94	1.21	26	19.52	25.1
13	1.17	1.51	27	24.23	31.16
14	1.46	1.87	28	30.08	38.68
			29	37.35	48.02

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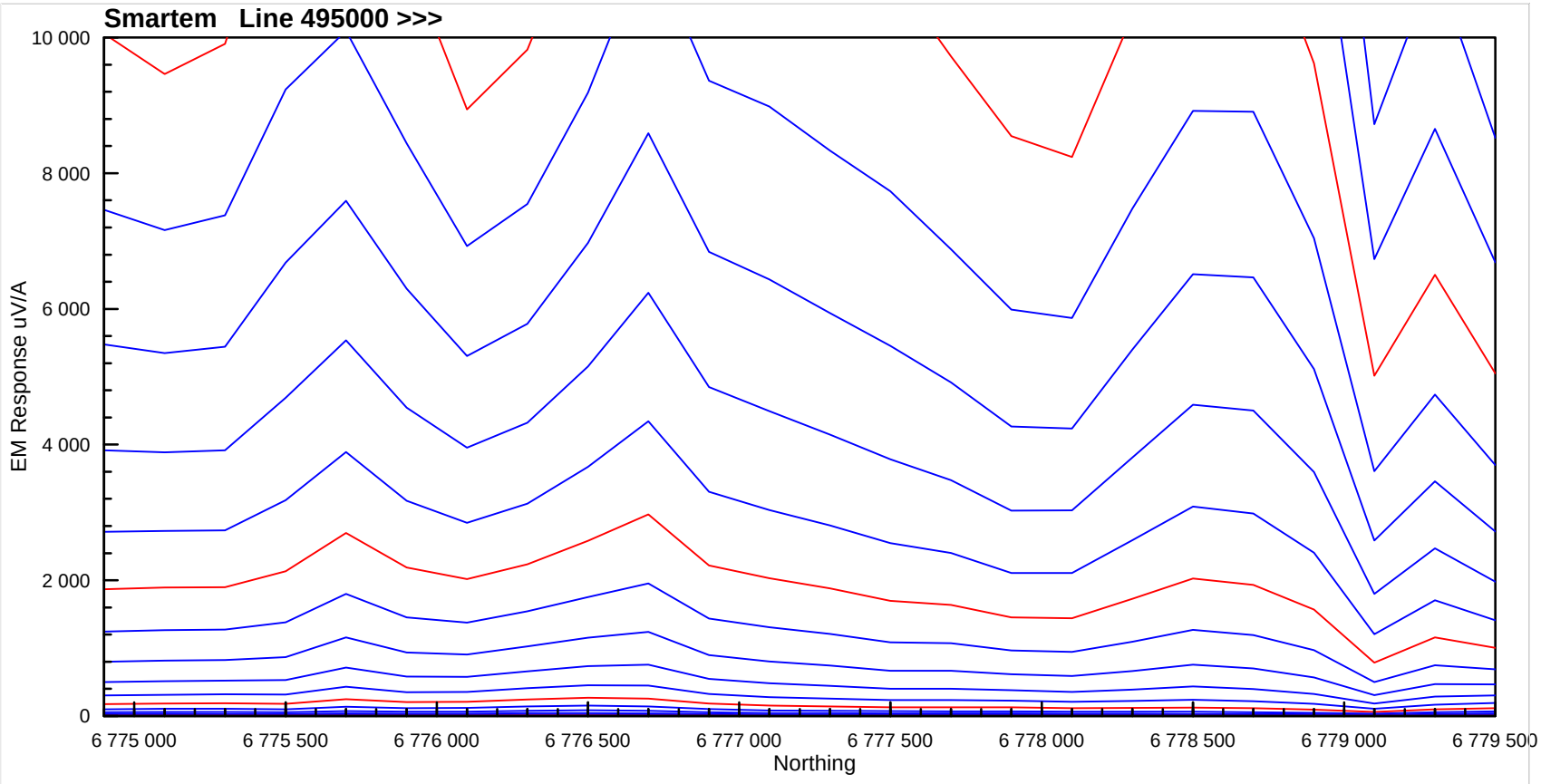
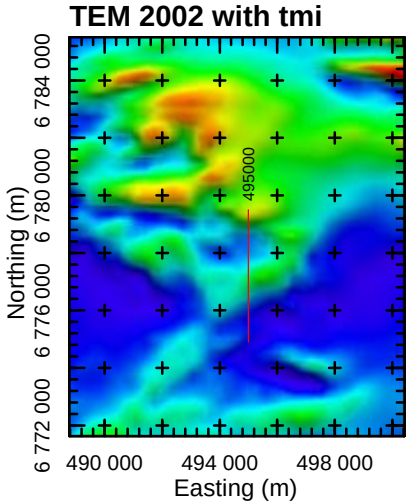
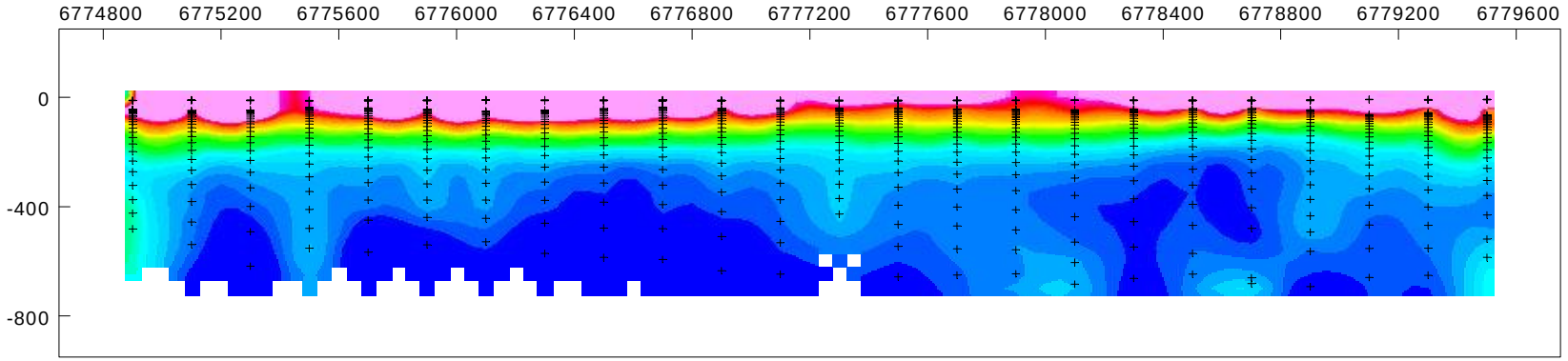
Coober Pedy Project
EL 2881
Line 484000





Line 495000E EMAX Conductivity Depth Section mS/m
Linear colour stretch 0 - 500



Survey Parameters

Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 2.0833
Sensor: TEM-3 No Chs: 33
Current: 18
Window Times

Ch	Start	End	Ch	Start	End
1	0.09	0.11	18	3.46	4.45
2	0.11	0.14	19	4.29	5.52
3	0.13	0.17	20	5.33	6.85
4	0.17	0.22	21	6.62	8.51
5	0.21	0.27	22	8.22	10.56
6	0.26	0.33	23	10.2	13.12
7	0.32	0.41	24	12.66	16.28
8	0.40	0.51	25	15.72	20.21
9	0.49	0.63	26	19.52	25.1
10	0.61	0.79	27	24.23	31.16
11	0.76	0.98	28	30.08	38.68
12	0.94	1.21	29	37.35	48.02
13	1.17	1.51	30	46.36	59.61
14	1.46	1.87	31	57.56	74.01
15	1.81	2.32	32	71.46	91.88
16	2.24	2.89	33	88.72	114.06
17	2.79	3.58			

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Coober Pedy Project
EL 2881
Line 495000

Appendix 3. Digital Data

See Attached CD

Easting	Northing	elevation	g_obs	g_fa	g_bou_2p2	g_bou_2p4	g_bou_2p67	loop	line	stat	terrain	project
473009.00	6788026.00	225.60	979198.28	18.62	-2.18	-4.07	-6.62	144.00	0.00	2118.00	0.00	ACUITIAS
480122.00	6765969.00	174.47	979246.88	36.13	20.05	18.59	16.61	344.00	0.00	20496.00	0.00	ACUITIAS
481216.00	6758999.00	148.38	979235.00	31.39	-2.29	-3.53	-5.21	345.00	4612.00	7590.00	0.00	ACUITIAS
481193.00	6759402.00	146.27	979237.20	13.22	-0.26	-1.48	-3.14	345.00	4612.00	7594.00	0.00	ACUITIAS
481203.00	6759802.00	144.82	979239.90	15.75	2.40	1.19	-0.45	345.00	4612.00	7598.00	0.00	ACUITIAS
481201.00	6760211.00	145.00	979241.47	17.66	4.29	3.08	1.44	345.00	4612.00	7602.00	0.00	ACUITIAS
481203.00	6760604.00	145.04	979242.27	18.75	5.38	4.17	2.53	345.00	4612.00	7606.00	0.00	ACUITIAS
481204.00	6761000.00	145.70	979242.26	19.24	5.80	4.58	2.93	345.00	4612.00	7610.00	0.00	ACUITIAS
481207.00	6761401.00	145.84	979241.82	19.10	5.65	4.43	2.78	345.00	4612.00	7614.00	0.00	ACUITIAS
481198.00	6761812.00	146.45	979242.06	19.82	6.32	5.09	3.43	345.00	4612.00	7618.00	0.00	ACUITIAS
481201.00	6762205.00	146.95	979242.81	20.99	7.45	6.21	4.55	345.00	4612.00	7622.00	0.00	ACUITIAS
481197.00	6762603.00	149.05	979243.05	22.15	8.42	7.17	5.48	345.00	4612.00	7626.00	0.00	ACUITIAS
481188.00	6763001.00	153.19	979243.08	23.74	9.62	8.34	6.60	346.00	4612.00	7630.00	0.00	ACUITIAS
481195.00	6763402.00	156.19	979243.39	25.25	10.85	9.55	7.78	346.00	4612.00	7634.00	0.00	ACUITIAS
481205.00	6763812.00	161.83	979243.04	26.93	12.02	10.66	8.83	346.00	4612.00	7638.00	0.00	ACUITIAS
481197.00	6764198.00	166.99	979242.86	27.97	12.14	10.78	8.95	346.00	4612.00	7642.00	0.00	ACUITIAS
481191.00	6764605.00	168.73	979240.05	26.62	11.07	9.65	7.74	346.00	4612.00	7646.00	0.00	ACUITIAS
481195.00	6765002.00	175.41	979238.80	27.71	11.54	10.07	8.08	344.00	4612.00	7650.00	0.00	ACUITIAS
481193.00	6765400.00	177.67	979237.57	27.60	10.62	9.13	7.12	344.00	4612.00	7654.00	0.00	ACUITIAS
481188.00	6765798.00	177.75	979238.49	28.06	11.86	10.38	8.40	344.00	4612.00	7658.00	0.00	ACUITIAS
481192.00	6766194.00	178.06	979239.58	30.13	13.72	12.23	10.21	344.00	4612.00	7662.00	0.00	ACUITIAS
481190.00	6766593.00	178.08	979240.34	31.17	14.76	13.27	11.25	344.00	4612.00	7666.00	0.00	ACUITIAS
481190.00	6766996.00	178.36	979241.81	33.01	16.57	15.07	13.06	344.00	4612.00	7670.00	0.00	ACUITIAS
481192.00	6767405.00	177.17	979244.57	35.69	19.36	17.88	15.88	344.00	4612.00	7674.00	0.00	ACUITIAS
481191.00	6767805.00	180.61	979245.26	37.54	20.94	19.44	17.48	344.00	4612.00	7678.00	0.00	ACUITIAS
481202.00	6768193.00	183.70	979246.42	40.10	23.17	21.63	19.55	344.00	4612.00	7682.00	0.00	ACUITIAS
481202.00	6768592.00	181.94	979246.59	40.00	23.23	21.71	19.65	347.00	4612.00	7686.00	0.00	ACUITIAS
481209.00	6768989.00	177.95	979246.58	39.04	22.64	21.15	19.13	347.00	4612.00	7690.00	0.00	ACUITIAS
481198.00	6769396.00	175.82	979246.12	38.20	22.00	20.52	18.53	347.00	4612.00	7694.00	0.00	ACUITIAS
481209.00	6769807.00	173.43	979245.84	37.48	21.49	20.04	18.08	347.00	4612.00	7698.00	0.00	ACUITIAS
481197.00	6770199.00	170.04	979245.78	36.64	20.97	19.54	17.62	347.00	4612.00	7702.00	0.00	ACUITIAS
481204.00	6770603.00	171.94	979244.16	35.88	20.04	18.59	16.65	347.00	4612.00	7706.00	0.00	ACUITIAS
481204.00	6771005.00	168.98	979244.42	35.52	19.94	18.53	16.61	347.00	4612.00	7710.00	0.00	ACUITIAS
462801.00	6759007.00	147.03	979240.19	16.77	3.22	1.99	0.32	345.00	4628.00	7590.00	0.00	ACUITIAS
462798.00	6759399.00	146.51	979240.23	16.32	2.81	1.58	-0.07	345.00	4628.00	7594.00	0.00	ACUITIAS
462783.00	6759802.00	146.21	979239.47	15.75	2.27	1.05	-0.61	345.00	4628.00	7598.00	0.00	ACUITIAS
462796.00	6760207.00	146.98	979238.88	15.68	2.13	0.90	-0.76	345.00	4628.00	7602.00	0.00	ACUITIAS
462793.00	6760608.00	146.75	979238.16	16.54	3.02	1.79	0.13	345.00	4628.00	7606.00	0.00	ACUITIAS
462791.00	6760997.00	147.40	979241.85	18.53	4.94	3.71	2.04	345.00	4628.00	7610.00	0.00	ACUITIAS
462799.00	6761403.00	148.24	979242.87	20.89	7.23	5.99	4.31	345.00	4628.00	7614.00	0.00	ACUITIAS
462787.00	6761807.00	148.94	979242.05	22.56	8.83	7.58	5.90	345.00	4628.00	7618.00	0.00	ACUITIAS
462791.00	6762212.00	149.58	979243.72	22.71	8.93	7.67	5.98	345.00	4628.00	7622.00	0.00	ACUITIAS
462796.00	6762570.00	150.10	979243.48	22.89	9.05	7.79	6.10	345.00	4628.00	7626.00	0.00	ACUITIAS
462793.00	6762999.00	151.17	979242.50	22.53	8.60	7.33	5.62	346.00	4628.00	7630.00	0.00	ACUITIAS
462799.00	6763393.00	153.06	979240.95	21.84	7.74	6.45	4.72	346.00	4628.00	7634.00	0.00	ACUITIAS
462800.00	6763805.00	154.80	979240.07	22.70	8.42	7.13	5.37	346.00	4628.00	7638.00	0.00	ACUITIAS
462792.00	6764193.00	156.16	979241.49	23.89	9.50	8.19	6.42	344.00	4628.00	7642.00	0.00	ACUITIAS
462794.00	6764606.00	158.40	979241.93	25.33	10.73	9.40	7.61	347.00	4628.00	7646.00	0.00	ACUITIAS
462803.00	6764999.00	160.80	979242.33	26.72	11.90	10.55	8.74	347.00	4628.00	7650.00	0.00	ACUITIAS
462794.00	6765401.00	163.94	979242.92	28.56	13.45	12.08	10.22	347.00	4628.00	7654.00	0.00	ACUITIAS
462793.00	6765796.00	167.79	979243.13	30.24	14.77	13.36	11.47	347.00	4628.00	7658.00	0.00	ACUITIAS
462794.00	6766200.00	168.40	979244.66	32.24	16.71	15.30	13.40	347.00	4628.00	7662.00	0.00	ACUITIAS
462801.00	6766605.00	168.76	979245.10	33.07	17.51	16.10	14.19	347.00	4628.00	7666.00	0.00	ACUITIAS
462799.00	6766999.00	181.43	979242.97	35.12	18.40	16.88	14.83	347.00	4628.00	7670.00	0.00	ACUITIAS
462802.00	6767395.00	178.52	979246.40	37.84	21.41	19.92	17.90	344.00	4628.00	7674.00	0.00	ACUITIAS
462795.00	6767804.00	184.62	979247.29	40.98	23.96	22.42	20.33	347.00	4628.00	7678.00	0.00	ACUITIAS
462790.00	6768205.00	184.00	979246.82	41.30	24.43	22.89	20.80	347.00	4628.00	7682.00	0.00	ACUITIAS
462791.00	6768622.00	182.34	979247.47	41.03	24.22	22.69	20.63	347.00	4628.00	7686.00	0.00	ACUITIAS
462794.00	6769001.00	180.01	979247.32	40.42	23.83	22.32	20.20	347.00	4628.00	7690.00	0.00	ACUITIAS
462803.00	6769405.00	182.08	979245.20	39.22	22.44	20.92	18.80	347.00	4628.00	7694.00	0.00	ACUITIAS
462806.00	6769809.00	182.88	979243.76	38.30	21.45	19.91	17.85	347.00	4628.00	7698.00	0.00	ACUITIAS
462791.00	6770195.00	181.96	979242.74	37.27	20.50	18.97	16.91	347.00	4628.00	7702.00	0.00	ACUITIAS
462793.00	6770607.00	182.27	979241.98	36.89	20.09	18.56	16.50	347.00	4628.00	7706.00	0.00	ACUITIAS
462791.00	6771006.00	178.86	979241.82	35.96	19.47	17.98	15.95	347.00	4628.00	7710.00	0.00	ACUITIAS
462796.00	6771403.00	177.19	979241.16	35.05	18.72	17.24	15.23	347.00	4628.00	7714.00	0.00	ACUITIAS
462788.00	6771811.00	172.55	979241.65	34.40	18.49	17.05	15.08	347.00	4628.00	7718.00	0.00	ACUITIAS
462794.00	6772206.00	177.36	979240.43	34.94	18.59	17.10	15.10	347.00	4628.00	7722.00	0.00	ACUITIAS
462426.00	6757397.00	153.12	979234.92	11.03	-2.90	-4.16	-5.87	345.00	4644.00	7574.00	0.00	ACUITIAS
462406.00	6757806.00	148.12	979237.63	13.10	-0.55	-1.79	-3.47	345.00	4644.00	7578.00	0.00	ACUITIAS
462404.00	6758207.00	149.40	979239.87	16.02	2.25	0.99	-0.70	345.00	4644.00	7582.00	0.00	ACUITIAS
462393.00	6758594.00	150.45	979241.07	17.81	3.94	2.68	0.98	345.00	4644.00	7586.00	0.00	ACUITIAS
462393.00	6759003.00	150.28	979241.17	18.15	4.30	3.04	1.34	345.00	4644.00	7590.00	0.00	ACUITIAS
462406.00	6759398.00	149.69	979242.65	19.72	5.92	4.67	2.97	345.00	4644.00	7594.00	0.00	ACUITIAS
462407.00	6759801.00	148.97	979243.27	20.39	6.66	5.42	3.73	345.00	4644.00	7598.00	0.00	ACUITIAS
462403.00	6760202.00	148.07	979242.80	19.12	5.48	4.24	2.56	345.00	4644.00	7602.00	0.00	ACUITIAS
462408.00	6760605.00	148.06	979240.90	16.52	4.81	3.56	1.88	345.00	4644.00	7606.00	0.00	ACUITIAS
462404.00	6761000.00	149.63	979240.78	18.95	5.15	3.90	2.21	345.00	4644.00	7610.00	0.00	ACUITIAS
462401.00	6761392.00	150.55	979242.45	21.17	7.29	6.03	4.33	345.00	4644.00	7614.00	0.00	ACUITIAS
462408.00	6761811.00	151.48	979245.64	24.93	10.97	9.70	7.98	345.00	4644.00	7618.00	0.00	ACUITIAS
462402.00	6762202.00	152.43	979246.48	26.34	12.29	11.01	9.29	345.00	4644.00	7622.00	0.00	ACUITIAS
462392.00	6762598.00	152.71	979246.62	26.84	12.77	11.49	9.76	346.00	4644.00	7626.00	0.00	ACUITIAS
462397.00	6762993.00	153.38	979246.82	27.54	13.40	12.12	10.38	346.00	4644.00	7630.00	0.00	ACUITIAS
462390.00	6763410.00	153.81	979246.15	27.28	13.10	11.82	10.08	346.00	4644.00	7634.00	0.00	ACUITIAS
462400.00	6763801.00	157.00	979246.76	29.14	14.67	13.36	11.58	346.00	4644.00	7638.00	0.00	ACUITIAS
462400.00	6764198.00	157.66	979249.04	31.90	17.37	16.05	14.27	344.00	4644.00	7642.00	0.00	ACUITIAS
462395.00	6764597.00	160.97	979247.09	31.25	16.41	15.06	13.24	347.00	4644.00	7646.00	0.00	ACUITIAS
462407.00	6764995.00	164.85	979246.79	32.43	17.23	15.85	13.99	347.00	4644.00	7650.00	0.00	ACUITIAS
462413.00	6765393.00	162.73	979249.12	34.38	19.38	18.01	16.17	347.00	4644.00	7654.00	0.00	ACUITIAS
462406.00	6765802.00	163.78	979250.48	36.35	21.26	19.88	18.03	347.00	4644.00	7658.00	0.00	ACUITIAS
462398.00	6766198.00	165.83	979248.06	34.94	19.55	18.16	16.29	347.00	4644.00	7662.00	0.00	ACUITIAS
462403.00	6766604.00	166.61	979247.43	34.73	19.37	17.97	16.09	347.00	4644.00	7666.00	0.00	ACUITIAS
462405.00	6766990.00	164.73	979248.84	35.82	20.64	19.26	17.39	347.00	4644.00	7670.00	0.00	ACUITIAS
462400.00	6767399.00	165.84	979248.74	36.36	21.07	19.68	17.81	347.00	4644.00	7674.00	0.00	ACUITIAS
462394.00	6767798.00	167.94	979248.22	36.76	21.28	19.87	17.97	347.00	4644.00	7678.00	0.00	ACUITIAS
462393.00	6768203.00	172.80	979246.66	36.75	21.05	19.66	17.65	347.00	4644.00	7682.00	0.00	ACUITIAS
462399.00	6768599.00	177.66	979245.07	37.17	20.79	19.30	17.29	347.00	4644.00	7686.00	0.00	ACUITIAS
462397.00	6768996.00	185.95	979242.73	37.66	20.52	18.96	16.86	347.00	4644.00	7690.00	0.00	ACUITIAS
462398.00	6769391.00	189.10	979241.68	37.85	20.42	18.84	16.70	347.00	4644.00	7694.00	0.00	ACUITIAS
462401.00	6769796.00	192.66	979240.42	37.98	20.22	18.60	16.42	347.00	4644.00	7698.00	0.00	ACUITIAS
462390.00	6770198.00	197.28	979237.91	37.16	18.98	17.33	15.10	347.00	4644.00	7702.00	0.00	ACUITIAS
462399.00	6770609.00	193.69	979237.84	36.27	18.42	16.80	14.61	347.00	4644.00	7706.00	0.00	ACUITIAS
462386.00	6770996.00	188.12	979238.41	35.39	18.05	16.48	14.35	347.00	4644.00	7710.00	0.00	ACUITIAS
462408.00	6771395.00	183.54	979238.38	34.23	17.31	15.77	13.70	347.00	4644.00	7714.00	0.00	ACUITIAS
462398.00	6771812.00	179.78	979238.80	33.78	17.21	15.70	13.67	347.00	4644.00	7718.00	0.00	ACUITIAS
462389.00	6772212.00	177.55	979239.00	33.57	17.20	15.71	13.71	347.00	4644.00	7722.00	0.00	ACUITIAS
462396.00	6772605.00	183.97	979237.45	34.28	17.32	15.78	13.78	347.00	4644.00	7726.00	0.00	ACUITIAS
462399.00	6773010.00	185.94	979236.54	34.25	17.11	15.55	13.45	347.00	4644.00	7730.00	0.00	ACUITIAS
466002.00	6757225.00	151.72	979238.75	14.93	0.94	-0.33	-2.04	345.00	4660.00	7572.00	0.00	ACUITIAS
466001.00	6757605.00	149.27	979240.00	16.59	2.83	1.56	-0.13	345.00	4660.00	7576.00	0.00	ACUITIAS
465991.00	6758008.00	149.51	979240.55	16.59	2.81	1.56	-0.13	345.00	4660.00	7580.00	0.00	ACUITIAS
465990.00	6758401.00	152.52	979240.99	18.23	4.18	2.90	1.17	345.00	4660.00	7584.00	0.00	ACUITIAS
466001.00	6758806.00	148.21	979241.78	17.98	4.31	3.07	1.40	345.00	4660.00	7588.00	0.00	ACUITIAS
466001.00	6759203.00	150.62	979240.99	18.20	4.32	3.06	1.36	345.00	4660.00	7592.00	0.00	ACUITIAS
465990.00	6759600.00	148.47	979241.78	18.61	4.92	3.68	2.00	345.00	4660.00	7596.00	0.00	ACUITIAS
465997.00	6759999.00	149.03	979243.44	20.72	6.98	5.74	4.05	158.00	4660.00	7600.00	0.00	ACUITIAS
465998.00	6760401.00	149.95	979242.27	20.11	6.29	5.03	3.34	345.00	4660.00	7604.00	0.00	ACUITIAS
465998.00	6760808.00	149.88	979240.52	20.15	6.33	5.06	3.38	345.00	4660.00	7608.00	0.00	ACUITIAS
465992.00	6761203.00	149.92	979243.84	22.23	8.41	7.15	5.46	345.00	4660.00	7612.00	0.00	ACUITIAS
466000.00	6761602.00	150.15	979245.08	23.02	9.98	8.73	7.03	345.00	4660.00	7616.00	0.00	ACUITIAS
465997.00	6762013.00	151.28	979245.28	27.66	13.71	12.45	10.73	345.00	4660.00	7620.00	0.00	ACUITIAS
466004.00	6762405.00	153.11	979239.32	29.53	15.42	14.14	12.41	345.00	4660.00	7624.00	0.00	ACUITIAS
466005.00	6762792.00	154.26	979249.93	30.76	16.54	15.25	13.51	346.00	4660.00	7628.00	0.00	ACUITIAS
465998.00	6763202.00	156.12	979249.53	31.22	16.83	15.53	13.76	346.00	4660.00	7632.00	0.00	ACUITIAS
465997.00	6763596.00	159.01	979249.75	31.96	17.50	16.19	14.41	346.00	4660.00	7636.00	0.00	ACUITIAS
466000.00	6763992.00	158.02	979249.20	32.13	17.56	16.24	14.45	346.00	4660.00	7640.00	0.00	ACUITIAS
466001.00	6764396.00	157.91	979249.20	32.27	17.72	16.40	14.61	344.00	4660.00	7644.00	0.00	ACUITIAS
466000.00	6764812.00	158.13	979249.59	33.02	18.45	17.12	15.34	347.00	4660.00	7648.00	0.00	ACUITIAS
465990.00	6765221.00	161.38	979249.70	34.41	19.54	18.19	16.34	347.00	4660.00	7652.00	0.00	ACUITIAS
465998.00	6765602.00	165.69	979248.75	35.06	19.79	18.40	16.53	347.00	4660.00	7656.00	0.00	ACUITIAS
466003.00	6766000.00	165.47	979247.55	34.08	18.82	17.44	15.57	347.00	4660.00	7660.00	0.00	ACUITIAS
465992.00	6766404.00	163.19	979247.74	33.94	18.79	17.43	15.58	347.00	4660.00	7664.00	0.00	ACUITIAS
465996.00	6766803.00	173.88	979246.42	36.10	20.07	18.61	16.65	347.00	4660.00	7668.00	0.00	ACUITIAS
466004.00	6767207.00	173.40	979247.15	36.96	20.98	19.53	17.57	347.00	4660.00	7672.00	0.00	ACUITIAS
465996.00	6767601.00	177.59	979246.18	37.56	21.19	19.68	17.69	347.00	4660.00	7676.00	0.00	ACUITIAS
466001.00	6768010.00	180.83	979245.20	37.86	21.19	19.68	17.63	347.00	4660.00	7680.00	0.00	ACUITIAS
465995.00	6768402.00	182.91	979244.50	37.62	20.84	19.32	17.28	347.00	4660.00	7684.00	0.00	ACUITIAS
465998.00	6768796.00	184.49	979243.31	37.64	20.64	19.09	17.00	347.00	4660.00	7688.00	0.00	ACUITIAS
465997.00	6769202.00	190.03	979241.33	37.66	20.14	18.55	16.40	347.00	4660.00	7692.00	0.00	ACUITIAS
466002.00	6769597.00	192.98	979239.94	37.45	19.67	18.05	15.87	347.00	4660.00	7696.00	0.00	ACUITIAS
466004.00	6769994.00	188.24	979240.20	36.52	19.17	17.59	15.46	347.00	4660.00	7700.00	0.00	ACUITIAS
465999.00	6770400.00	187.38	979240.57	36.91	19.64	18.07	15.95	347.00	4660.00	7704.00	0.00	ACUITIAS
465994.00	6770804.00	188.28	979240.13	37.03	19.68	18.10	15.97	347.00	4660.00	7708.00	0.00	ACUITIAS
466000.00	6771201.00	188.07	979239.13	36.23	18.90	17.32	15.19	347.00	4660.00	7712.00	0.00	ACUITIAS
466000.00	6771594.00	189.33	979237.76	35.53	18.08	16.48	14.35	347.00	4660.00	7716.00	0.00	ACUITIAS
465998.00	6772003.00	190.85	979236.35	34.87	17.28	15.68	13.52	347.00	4660.00	7720.00	0.00	ACUITIAS
466006.00	6772400.00	189.92	979237.00	35.51	18.01	16.42	14.27	157.00	4660.00	7724.00	0.00	ACUITIAS
465997.00	6772807.00	192.67	979235.58	35.23	17.47	15.85	13.67	347.00	4660.00	7728.00	0.00	ACUITIAS
465997.00	6773197.00	192.64	979235.33	35.23	17.47	15.86	13.68	347.00	4660.00	7732.00	0.00	ACUITIAS
465994.00	6773600.00	191.87	979235.27	35.21	17.53	15.92	13.75	347.00	4660.00	7736.00	0.00	ACUITIAS
466002.00	6774004.00	190.07	979236.85	36.52	19.00	17.40	15.25	347.00	4660.00	7740.00	0.00	ACUITIAS
465979.00	6774404.00	194.69	979235.20	36.57	18.63	17.00	14.79	347.00	4660.00	7744.00	0.00	ACUITIAS
467606.00	6757405.00	154.74	979240.99	18.14	3.90	2.61	0.86	345.00	4676.00	7574.00	0.00	ACUITIAS
467597.00	6757799.00	153.95	979242.51	19.77	5.58	4.29	2.55	345.00	4676.00	7578.00	0.00	ACUITIAS
467585.00	6758192.00	152.66	979244.13	21.27	7.20	5.92	4.10	345.00	4676.00	7582.00	0.00	ACUITIAS
467603.00	6758602.00	152.19	979244.97	22.12	8.10	6.82	5.10	345.00	4676.00	7586.00	0.00	ACUITIAS
467591.00	6759008.00	151.94	979245.45	22.94	8.93	7.66	5.94	345.00	4676.00	7590.00	0.00	ACUITIAS
467604.00	6759394.00	153.12	979244.95	23.06	8.95	7.67	5.93	345.00	4676.00	7594.00	0.00	ACUITIAS
467601.00	6759802.00	152.91	979244.50	22.83	8.74	7.46	5.73	345.00	4676.00	7598.00	0.00	ACUITIAS
467602.00	6760197.00	153.40	979243.92	22.68	8.54	7.26	5.52	345.00	4676.00	7602.00	0.00	ACUITIAS
467612.00	6760604.00	153.20	979244.97	23.95	9.83	8.55	6.81	158.00	4676.00	7606.00	0.00	ACUITIAS
467607.00	6761006.00	151.96	979243.12	22.00	8.00	6.72	5.01	345.00	4676.00	7610.00	0.00	ACUITIAS
467601.00	6761396.00	152.32	979243.16	22.42	8.38	7.10	5.38	345.00	4676.00	7614.00	0.00	ACUITIAS
467603.00	6761802.00	152.80	979244.37	24.08	9.99	8.71	6.98	345.00	4676.00	7618.00	0.00	ACUITIAS
467597.00	6762210.00	153.72	979245.00	25.26	11.09	9.80	8.05	345.00	4676.00	7622.00	0.00	ACUITIAS
467597.00	6762601.00	155.32	979246.12	27.14	12.83	11.53	9.77	346.00	4676.00	7626.00	0.00	ACUITIAS
467591.00	6763010.00	156.85	979246.26	30.03	15.57	14.26	12.46	346.00	4676.00	7630.00	0.00	ACUITIAS
467594.00	6763403.00	157.24	979248.99	31.16	16.67	15.35	13.57	346.00	4676.00	7634.00	0.00	ACUITIAS
467601.00	6763807.00	159.49	979249.34	32.49	17.79	16.45	14.65	346.00	4676.00	7638.00	0.00	ACUITIAS
467597.00	6764201.00	164.72	979247.42	32.46	17.28	15.96	14.03	345.00	4676.00	7642.00	0.00	ACUITIAS
467591.00	6764609.00	165.72	979247.01	32.64	17.36	15.98	14.10	245.00	4676.00	7646.00	0.00	ACUITIAS
467598.00	6765005.00	162.84	979249.00	34.01	19.00	17.64	15.80	245.00	4676.00	7650.00	0.00	ACUITIAS
467590.00	6765400.00	164.40	979248.42	34.22	19.06	17.68	15.82	245.00	4676.00	7654.00	0.00	ACUITIAS
467594.00	6765809.00	166.88	979246.95	33.77	18.39	16.99	15.10	245.00	4676.00	7658.00	0.00	ACUITIAS
467603.00	6766204.00	167.72	979246.97	33.42	17.96	16.54	14.66	245.00	4676.00	7662.00	0.00	ACUITIAS
467595.00	6766604.00	170.99	979246.54	35.18	19.42	17.99	16.05	245.00	4676.00	7666.00	0.00	ACUITIAS
467597.00	6767009.00	175.04	979246.12	36.30	20.16	18.70	16.72	245.00	4676.00	7670.00	0.00	ACUITIAS
467594.00	6767402.00	176.18	979245.70	36.50	20.26	18.78	16.79	245.00	4676.00	7674.00	0.00	ACUITIAS
467600.00	6767801.00	172.67	979246.34	36.33	20.41	18.97	17.01	245.00	4676.00	7678.00	0.00	ACUITIAS
467602.00	6768213.00	176.85	979245.06	36.63	20.33	18.85	16.85	245.00	4676.00	7682.00	0.00	ACUITIAS
467599.00	6768605.00	180.05	979242.85	37.53	20.38	18.82	16.71	245.00	4676.00	7686.00	0.00	ACUITIAS
467600.00	6768998.

4700016.00	6770995.00	192.80	979242.05	40.46	22.69	21.08	18.89	348.00	4700.00	7710.00	0.00	ACUITIAS
4699998.00	6771406.00	191.89	979241.15	39.57	21.88	20.28	18.11	348.00	4700.00	7714.00	0.00	ACUITIAS
4700096.00	6771807.00	192.50	979240.25	39.14	21.40	19.79	17.61	348.00	4700.00	7718.00	0.00	ACUITIAS
4699995.00	6772206.00	193.82	979238.21	37.78	19.91	18.29	16.10	348.00	4700.00	7722.00	0.00	ACUITIAS
4699989.00	6772595.00	193.13	979239.13	38.76	20.96	19.34	17.16	348.00	4700.00	7726.00	0.00	ACUITIAS
4700005.00	6773004.00	191.51	979241.06	40.47	22.82	21.22	19.05	348.00	4700.00	7730.00	0.00	ACUITIAS
4700000.00	6773397.00	190.53	979241.38	40.77	23.20	21.61	19.46	348.00	4700.00	7734.00	0.00	ACUITIAS
4699994.00	6773796.00	193.73	979240.32	40.96	23.11	21.48	19.20	348.00	4700.00	7738.00	0.00	ACUITIAS
4699995.00	6774206.00	195.17	979239.48	39.85	21.86	20.23	18.02	348.00	4700.00	7742.00	0.00	ACUITIAS
4699990.00	6774605.00	197.76	979236.79	39.24	21.01	19.35	17.12	348.00	4700.00	7746.00	0.00	ACUITIAS
4699994.00	6775011.00	202.61	979234.27	38.50	19.82	18.13	15.84	348.00	4700.00	7750.00	0.00	ACUITIAS
4699990.00	6775413.00	205.72	979232.02	37.49	18.53	16.81	14.48	348.00	4700.00	7754.00	0.00	ACUITIAS
4699996.00	6775802.00	200.74	979233.16	37.36	18.86	17.17	14.90	348.00	4700.00	7758.00	0.00	ACUITIAS
4699992.00	6776210.00	195.78	979234.13	37.09	19.04	17.40	15.19	348.00	4700.00	7762.00	0.00	ACUITIAS
4699994.00	6776614.00	190.47	979233.80	37.54	19.13	17.49	15.27	348.00	4700.00	7766.00	0.00	ACUITIAS
4699995.00	6777003.00	199.47	979232.42	37.06	18.68	17.01	14.75	348.00	4700.00	7770.00	0.00	ACUITIAS
4700002.00	6777854.00	199.00	979243.38	42.02	25.45	23.91	19.75	257.00	4707.00	7708.00	0.00	ACUITIAS
4700797.00	6771211.00	191.35	979243.34	41.46	23.82	22.22	20.05	257.00	4707.00	7712.00	0.00	ACUITIAS
4700774.00	6771649.00	196.74	979241.33	41.42	23.28	21.64	19.41	257.00	4707.00	7716.00	0.00	ACUITIAS
4700779.00	6772059.00	196.67	979239.68	40.01	21.88	20.24	18.01	257.00	4707.00	7720.00	0.00	ACUITIAS
4700770.00	6772843.00	192.01	979242.67	42.12	24.42	22.81	20.64	257.00	4707.00	7728.00	0.00	ACUITIAS
4700784.00	6773240.00	189.51	979243.04	41.99	24.53	22.94	20.79	257.00	4707.00	7732.00	0.00	ACUITIAS
4700798.00	6773603.00	188.90	979243.02	42.06	24.64	23.06	20.92	257.00	4707.00	7736.00	0.00	ACUITIAS
4700777.00	6774011.00	190.21	979242.16	41.87	24.33	22.74	20.59	257.00	4707.00	7740.00	0.00	ACUITIAS
4700755.00	6774405.00	193.31	979240.54	41.48	23.66	22.04	19.85	257.00	4707.00	7744.00	0.00	ACUITIAS
4700781.00	6774814.00	195.32	979238.05	39.90	21.89	20.26	18.05	257.00	4707.00	7748.00	0.00	ACUITIAS
4700795.00	6775252.00	194.91	979236.48	38.50	20.53	18.90	16.69	257.00	4707.00	7752.00	0.00	ACUITIAS
4700836.00	6775604.00	194.27	979241.07	40.29	22.34	20.71	18.51	257.00	4708.00	7704.00	0.00	ACUITIAS
4700827.00	6770404.00	194.27	979242.24	40.70	22.79	21.16	18.97	257.00	4708.00	7704.00	0.00	ACUITIAS
4700815.00	6772470.00	194.47	979241.94	41.90	23.97	22.34	20.14	257.00	4708.00	7724.00	0.00	ACUITIAS
4671613.00	6774405.00	161.09	979240.33	19.52	4.67	3.32	1.50	337.00	4716.00	7574.00	0.00	ACUITIAS
4671622.00	6757805.00	160.31	979241.97	21.19	6.41	5.07	3.26	337.00	4716.00	7578.00	0.00	ACUITIAS
4671609.00	6758203.00	160.92	979242.58	22.26	7.43	6.08	4.26	337.00	4716.00	7582.00	0.00	ACUITIAS
4671612.00	6758598.00	160.62	979242.99	22.86	8.05	6.71	4.89	337.00	4716.00	7586.00	0.00	ACUITIAS
4671621.00	6759013.00	162.25	979243.07	23.73	8.78	7.42	5.58	337.00	4716.00	7590.00	0.00	ACUITIAS
4671613.00	6759412.00	162.09	979243.24	24.59	9.65	8.29	6.46	337.00	4716.00	7594.00	0.00	ACUITIAS
4671611.00	6759798.00	163.35	979244.20	25.75	10.69	9.32	7.48	337.00	4716.00	7598.00	0.00	ACUITIAS
4671607.00	6760196.00	166.32	979244.34	27.08	11.75	10.36	8.48	337.00	4716.00	7602.00	0.00	ACUITIAS
4671618.00	6760614.00	168.00	979243.43	29.09	13.57	12.16	10.26	337.00	4716.00	7606.00	0.00	ACUITIAS
4671611.00	6761006.00	170.90	979245.48	30.22	14.46	13.03	11.09	337.00	4716.00	7610.00	0.00	ACUITIAS
4671607.00	6761398.00	168.94	979246.69	31.08	15.50	14.09	12.18	337.00	4716.00	7614.00	0.00	ACUITIAS
4671595.00	6761802.00	162.83	979248.79	31.58	15.57	14.15	12.30	337.00	4716.00	7618.00	0.00	ACUITIAS
4671600.00	6762207.00	162.05	979249.06	31.88	16.95	15.59	13.76	337.00	4716.00	7622.00	0.00	ACUITIAS
4671596.00	6762598.00	165.82	979247.96	32.22	16.94	15.55	13.67	337.00	4716.00	7626.00	0.00	ACUITIAS
4671597.00	6762999.00	169.34	979246.93	32.73	17.07	15.64	13.72	337.00	4716.00	7630.00	0.00	ACUITIAS
4671599.00	6763407.00	173.10	979245.33	32.39	16.44	14.99	13.03	337.00	4716.00	7634.00	0.00	ACUITIAS
4671596.00	6763795.00	175.34	979242.18	30.21	14.05	12.58	10.59	337.00	4716.00	7638.00	0.00	ACUITIAS
4671599.00	6764204.00	182.26	979237.92	28.36	11.56	10.04	7.97	337.00	4716.00	7642.00	0.00	ACUITIAS
4671605.00	6764595.00	184.73	979236.29	27.77	10.74	9.19	7.10	348.00	4716.00	7646.00	0.00	ACUITIAS
4671602.00	6764997.00	189.27	979235.42	28.58	11.13	9.54	7.40	348.00	4716.00	7650.00	0.00	ACUITIAS
4671605.00	6765390.00	189.90	979236.29	29.92	12.41	10.82	8.67	348.00	4716.00	7654.00	0.00	ACUITIAS
4671607.00	6765806.00	189.57	979238.36	32.17	14.70	13.11	10.97	348.00	4716.00	7658.00	0.00	ACUITIAS
4671597.00	6766201.00	187.82	979239.41	32.96	15.65	14.07	11.95	348.00	4716.00	7662.00	0.00	ACUITIAS
4671595.00	6766608.00	185.62	979239.30	32.45	15.34	13.79	11.69	348.00	4716.00	7666.00	0.00	ACUITIAS
4671598.00	6767009.00	184.75	979239.16	32.32	15.30	13.75	11.66	348.00	4716.00	7670.00	0.00	ACUITIAS
4671591.00	6767398.00	185.23	979239.33	32.92	15.84	14.29	12.20	348.00	4716.00	7674.00	0.00	ACUITIAS
4671599.00	6767803.00	185.03	979239.79	33.59	16.53	14.98	12.89	348.00	4716.00	7678.00	0.00	ACUITIAS
4671590.00	6768205.00	186.07	979240.02	34.68	17.45	15.87	13.78	348.00	4716.00	7682.00	0.00	ACUITIAS
4671621.00	6768598.00	188.01	979240.54	35.81	18.48	16.90	14.78	348.00	4716.00	7686.00	0.00	ACUITIAS
4671622.00	6769001.00	188.51	979241.46	37.17	19.79	18.22	16.08	348.00	4716.00	7690.00	0.00	ACUITIAS
4671618.00	6769414.00	189.00	979242.44	38.57	21.03	19.44	17.29	348.00	4716.00	7694.00	0.00	ACUITIAS
4671619.00	6769798.00	193.13	979242.76	40.44	22.64	21.03	18.84	348.00	4716.00	7698.00	0.00	ACUITIAS
4671619.00	6770198.00	192.11	979243.40	41.05	23.34	21.73	19.56	348.00	4716.00	7702.00	0.00	ACUITIAS
4671622.00	6770599.00	188.35	979244.73	41.49	24.13	22.55	20.42	348.00	4716.00	7706.00	0.00	ACUITIAS
4671620.00	6770997.00	189.54	979244.48	41.89	24.42	22.83	20.69	348.00	4716.00	7710.00	0.00	ACUITIAS
4671608.00	6771399.00	189.55	979243.81	41.56	24.09	22.50	20.36	348.00	4716.00	7714.00	0.00	ACUITIAS
4671618.00	6771792.00	193.76	979241.37	40.63	22.77	21.15	18.99	348.00	4716.00	7718.00	0.00	ACUITIAS
4671621.00	6772198.00	193.38	979239.77	39.20	21.38	19.76	17.57	348.00	4716.00	7722.00	0.00	ACUITIAS
4671615.00	6772596.00	193.46	979240.46	39.57	21.92	20.32	18.15	348.00	4716.00	7726.00	0.00	ACUITIAS
4671611.00	6773008.00	187.19	979242.21	40.29	23.03	21.46	19.35	348.00	4716.00	7730.00	0.00	ACUITIAS
4671611.00	6773397.00	186.43	979242.48	40.60	23.42	21.85	19.74	348.00	4716.00	7734.00	0.00	ACUITIAS
4671613.00	6773798.00	186.78	979242.21	40.71	23.50	21.91	19.82	348.00	4716.00	7738.00	0.00	ACUITIAS
4671618.00	6774186.00	189.35	979240.56	40.12	22.67	21.08	18.94	348.00	4716.00	7742.00	0.00	ACUITIAS
4671602.00	6774595.00	188.58	979239.87	39.48	22.10	20.52	18.39	348.00	4716.00	7746.00	0.00	ACUITIAS
4671598.00	6774998.00	188.96	979238.76	38.77	21.35	19.76	17.63	348.00	4716.00	7750.00	0.00	ACUITIAS
4671602.00	6775397.00	192.53	979236.58	37.96	20.21	18.60	16.42	348.00	4716.00	7754.00	0.00	ACUITIAS
4671602.00	6775797.00	192.63	979236.58	36.89	19.07	17.02	14.78	348.00	4716.00	7758.00	0.00	ACUITIAS
4671605.00	6776197.00	200.66	979231.43	35.88	17.38	15.70	13.43	348.00	4716.00	7762.00	0.00	ACUITIAS
4671608.00	6776592.00	202.07	979229.70	34.86	16.24	14.54	12.26	348.00	4716.00	7766.00	0.00	ACUITIAS
4671605.00	6776999.00	203.20	979228.40	34.22	15.48	13.77	11.47	348.00	4716.00	7770.00	0.00	ACUITIAS
4671612.00	6777397.00	203.47	979227.64	33.79	15.04	13.33	11.03	348.00	4716.00	7774.00	0.00	ACUITIAS
4671602.00	6777789.00	202.21	979226.84	32.87	14.23	12.54	10.25	348.00	4716.00	7778.00	0.00	ACUITIAS
4672380.00	6774421.00	188.99	979242.95	39.10	21.68	20.09	17.96	257.00	4723.00	7694.00	0.00	ACUITIAS
4672383.00	6769860.00	190.73	979244.45	41.44	23.86	22.26	20.10	257.00	4723.00	7698.00	0.00	ACUITIAS
4672400.00	6771084.00	185.56	979245.31	41.55	24.45	22.89	20.79	257.00	4723.00	7710.00	0.00	ACUITIAS
4672397.00	6771483.00	186.44	979244.85	41.83	24.64	23.08	20.97	257.00	4723.00	7714.00	0.00	ACUITIAS
4672397.00	6773052.00	184.77	979240.49	37.85	20.82	19.27	17.18	257.00	4723.00	7730.00	0.00	ACUITIAS
4672379.00	6773423.00	186.52	979240.79	38.95	21.75	20.19	18.08	257.00	4723.00	7734.00	0.00	ACUITIAS
4672398.00	6773808.00	188.85	979240.27	39.41	22.01	20.42	18.29	257.00	4723.00	7738.00	0.00	ACUITIAS
4672397.00	6774200.00	189.72	979239.98	39.66	22.18	20.59	18.44	257.00	4723.00	7742.00	0.00	ACUITIAS
4672418.00	6774630.00	187.41	979242.71	38.10	20.82	19.25	17.13	257.00	4724.00	7690.00	0.00	ACUITIAS
4672407.00	6770204.00	189.60	979245.51	42.38	24.91	23.32	21.17	257.00	4724.00	7702.00	0.00	ACUITIAS
4672453.00	6770603.00	187.11	979245.04	41.42	24.18	22.61	20.49	257.00	4724.00	7706.00	0.00	ACUITIAS
4672407.00	6771440.00	186.88	979245.29	42.19	24.96	23.39	21.28	257.00	4724.00	7714.00	0.00	ACUITIAS
4672413.00	6772186.00	186.48	979242.50	39.79	22.60	21.04	18.93	257.00	4724.00	7722.00	0.00	ACUITIAS
4672410.00	6772583.00	183.78	979241.90	39.82	22.68	21.14	19.02	257.00	4724.00	7726.00	0.00	ACUITIAS
4672409.00	6774631.00	190.55	979239.09	39.33	21.77	20.17	18.01	257.00	4724.00	7746.00	0.00	ACUITIAS
4672409.00	6775046.00	190.82	979237.02	37.63	20.04	18.44	16.28	257.00	4724.00	7750.00	0.00	ACUITIAS
4672423.00	6775417.00	192.74	979235.18	36.64	18.88	17.26	15.08	257.00	4724.00	7754.00	0.00	ACUITIAS
4673201.00	6757812.00	170.25	979239.35	21.64	5.95	4.53	2.60	337.00	4732.00	7578.00	0.00	ACUITIAS
4673201.00	6758202.00	170.06	979240.07	22.58	6.90	5.48	3.55	337.00	4732.00	7582.00	0.00	ACUITIAS
4673187.00	6758600.00	170.98	979240.61	23.68	7.92	6.49	4.56	337.00	4732.00	7586.00	0.00	ACUITIAS
4673195.00	6759003.00	172.04	979241.34	25.01	9.16	7.72	5.77	337.00	4732.00	7590.00	0.00	ACUITIAS
4673194.00	6759405.00	171.12	979242.58	26.25	10.48	9.04	7.11	337.00	4732.00	7594.00	0.00	ACUITIAS
4673197.00	6759802.00	171.53	979243.79	27.86	12.05	10.62	8.68	337.00	4732.00	7598.00	0.00	ACUITIAS
4673200.00	6760199.00	171.70	979244.26	28.66	12.84	11.40	9.46	337.00	4732.00	7602.00	0.00	ACUITIAS
4673191.00	6760607.00	170.20	979244.82	29.04	13.35	11.93	10.00	337.00	4732.00	7606.00	0.00	ACUITIAS
4673195.00	6761006.00	170.22	979245.95	30.45	14.76	13.34	11.41	337.00	4732.00	7610.00	0.00	ACUITIAS
4673192.00	6761405.00	168.56	979247.03	31.30	15.76	14.35	12.44	337.00	4732.00	7614.00	0.00	ACUITIAS
4673198.00	6761809.00	168.08	979247.26	31.66	16.17	14.76	12.86	337.00	4732.00	7618.00	0.00	ACUITIAS
4673208.00	6762205.00	171.01	979246.12	31.70	15.94	14.50	12.57	337.00	4732.00	7622.00	0.00	ACUITIAS
4673201.00	6762604.00	171.64	979245.65	31.70	15.88	14.44	12.50	337.00	4732.00	7626.00	0.00	ACUITIAS
4673210.00	6763000.00	174.36	979246.02	33.19	17.12	15.66	13.69	337.00	4732.00	7630.00	0.00	ACUITIAS
4673205.00	6763407.00	173.72	979245.84	33.10	17.08	15.63	13.66	337.00	4732.00	7634.00	0.00	ACUITIAS
4673201.00	6763805.00	178.93	979243.45	32.95	16.46	14.96	12.93	337.00	4732.00	7638.00	0.00	ACUITIAS
4673204.00	6764207.00	184.44	979240.97	32.09	15.54	13.91	11.85	337.00	4732.00	7642.00	0.00	ACUITIAS
4673194.00	6764606.00	184.79	979240.39	31.89	14.86	13.31	11.22	248.00	4732.00	7646.00	0.00	ACUITIAS
4673201.00	6765015.00	184.59	979240.15	33.01	15.99	14.45	12.36	248.00	4732.00	7650.00	0.00	ACUITIAS
4673197.00	6765403.00	185.74	979239.76	32.11	14.99	13.43	11.33	248.00	4732.00	7654.00	0.00	ACUITIAS
4673207.00	6765804.00	187.31	979238.56	31.67	14.41	12.84	10.72	248.00	4732.00	7658.00	0.00	ACUITIAS
4673201.00	6766202.00	185.60	979239.20	32.06	14.96	13.39	11.28	248.00	4732.00	7662.00	0.00	ACUITIAS
4673204.00	6766598.00	183.47	979240.33	32.80	15.89	14.36	12.28	248.00	4732.00	7666.00	0.00	ACUITIAS
4673207.00	6767000.00	181.50	979240.58	32.73	16.01	14.48	12.43	248.00	4732.00	7670.00	0.00	ACUITIAS
4673196.00	6767410.00	182.71	979240.64	33.45	16.61	15.08	13.01	248.00	4732.00	7674.00	0.00	ACUITIAS
4673194.00	6767810.00	183.31	979240.16	33.44	16.54	15.00	12.93	248.00	4732.00	7678.00	0.00	ACUITIAS
4673203.00	6768190.00	183.30	979240.43	33.99	17.09	15.55	13.48	248.00	4732.00	7682.00	0.00	ACUITIAS
4673191.00	6768608.00	185.05	979242.58	36.94	19.89	18.34	16.24	248.00	4732.00	7686.00	0.00	ACUITIAS
4673211.00	6769007.00	187.58	979243.15	38.57	21.29	19.71	17.59	248.00	4732.00	7690.00	0.00	ACUITIAS
4673200.00	6769406.00	188.42	979241.97	37.92	20.56	18.98	16.85	248.00	4732.00	7694.00	0.00	ACUITIAS
4673193.00	6769809.00	187.06	979243.29	39.11	21.87	20.30	18.18	248.00	4732.00	7698.00	0.00	ACUITIAS
4673194.00	6770213.00	187.06	979244.62	40.72	23.48	21.91	19.80	248.00	4732.00	7702.00	0.00	ACUITIAS
4673197.00	6770606.00	185.94	979245.67	41.69	24.55	22.99	20.89	248.00	4732.00	7706.00	0.00	ACUITIAS
4673197.00	6771011.00	183.85	979246.41	42.07	25.12	23.58	21.50	248.00	4732.00	7710.00	0.00	ACUITIAS
4673201.00	6771411.00	183.50	979245.35	41.18	24.27	22.73	20.66	248.00	4732.00	7714.00	0.00	ACUITIAS
4673199.00	6771800.00	181.38	979242.20	39.64	22.92	21.40	19.34	248.00	4732.00	7718.00	0.00	ACUITIAS
4673200.00	6772218.00	183.52	979241.25	37.65	20.73	19.20	17.12	248.00	4732.00	7722.00	0.00	ACUITIAS
4673196.00	6772606.00	184.05	979241.25	37.65	20.63	19.08	16.99	248.00	4732.00	7726.00	0.00	ACUITIAS
4673200.00	6773014.00	185.14	979241.46	38.91	21.84	20.29	18.20	248.00	4732.00	7730.00	0.00	ACUITIAS
4673196.00	6773420.00	185.39	979241.63	39.44	22.35	20.80	18.70	248.00	4732.00	7734.00	0.00	ACUITIAS
4673184.00	6773812.00	185.09	979241.57	39.56	22.50	20.95	18.86	248.00	4732.00	7738.00	0.00	ACUITIAS
4673205.00	6774213.00	186.65	979241.27	40.01	22.81	21.25	19.13	248.00	4732.00	7742.00	0.00	ACUITIAS
4673209.00	6774607.00	187.10	979240.40	39.60	22.35	20.78	18.67	248.00	4732.00	7746.00	0.00	ACUITIAS
4673193.00	6775010.00	188.03	979239.53	39.20	21.93	20.35	18.22	248.00	4732.00	7750.00	0.00	ACUITIAS
4673199.00	6775406.00	190.04	979238.68	39.30	21.78	20.19	18.04	248.00	4732.00	7754.00	0.00	ACUITIAS
4673194.00	6775806.00	189.66	979238.05	38.83	21.35	19.76	17.61	248.00	4732.00	7758.00	0.00	ACUITIAS
4673197.00	6776199.00	192.26	979236.34	38.20	20.48	18.86	16.69	248.00	4732.00	7762.00	0.00	ACUITIAS
4673202.00	6776595.00	194.13	979235.51	38.22	20.33	18.70	16.50	248.00	4732.00	7766.00	0.00	ACUITIAS
4673197.00	6777006.00	195.50	979233.67	37.08	19.00	17.42	15.21	248.00	4732.00	7770.00	0.00	ACUITIAS
4673189.00	6777414.00	198.06	979231.41	35.89	17.64	15.98	13.74	248.00	4732.00	7774.00	0.00	ACUITIAS
4673193.00	6777816.00	199.99	979229.92	35.28	16.85	15.17	12.91	248.00	4732.00	7778.00	0.00	ACUITIAS
4673191.00	6778222.00	200.43	979228.85	34.63	16.16	14.48	12.22	248.00	4732.00	7782.00	0.00	ACUITIAS
4673184.00	6778614.00	200.34	979227.94	33.96	15.50	13.82	11.55	248.00	4732.00	7786.00	0.00	ACUITIAS
4673186.00	6778990.00	202.30	979226.65	33.55	14.90	13.21	10.92	248.00	4732.00	7790.00	0.00	ACUITIAS
4673985.00	6768202.00	182.85	979242.34	37.73	20.97	19.34	17.27	257.00	4739.00	7696.00	0.00	ACUITIAS
4673971.00	6770028.00	182.50	979242.45	37.01	20.19	18.66	16.59	257.00	4739.00	7700.00	0.00	ACUITIAS
4673972.00	6771799.00	183.40	979242.47	37.30	20.39	18.85	16.78	257.00	4739.00	7704.00	0.00	ACUITIAS
4673954.00	6770824.00	181.19	979243.46	38.17	21.47	19.95	17.90	257.00	4739.00	7708.00	0.00	ACUITIAS
4673975.00	6771227.00	181.74	979243.33	38.49	21.74	20.21	18.16	257.00	4739.00	7712.00	0.00	ACUITIAS
4673993.00	6771594.00	180.72	979243.02	38.12	21.46	19.95	17.90	257.00	4739.00	7716.00	0.00	ACUITIAS
4673989.00	6771957.00	182.49	979241.94	37.83	21.01	19.48	17.42	257.00	4739.00	7720.00	0.00	ACUITIAS
4673993.00	6772427.00	183.88	979241.80	38.45	21.50	19.96	17.88	257.00	4739.00	7724.00	0.00	ACUITIAS
4673979.00	6772813.00	185.74	979242.17	39.66	22.54	20.99	18.89	257.00	4739.00	7728.00	0.00	ACUITIAS
4673978.00	6773212.00	185.84	979242.24	40.04	22.91	21.35	19.25	257.00	4739.00	7732.00	0.00	ACUITIAS
4673968.00	6773610.00	186.47	979242.07	40.34	23.15	21.59	19.48	257.00	4739.00	7736.00	0.00	ACUITIAS
4673976.00	6773991.00	187.69	979241.59	40.51	23.21	21.63	19.51	257.00	4739.00	7740.00	0.00	ACUITIAS
4673999.00	6774422.00	188.95	979240.66	40.26	22.84	21.26	19.12	257.00	4739.00	7744.00	0.00	ACUITIAS
4673992.00	6774798.00	191.23	979239.31	39.87	22.25	20.64	18.48	257.00	4739.00	7748.00	0.00	ACUITIAS
4673978.00	6775199.00	193.02	979238.19	39.58	21.79	20.17	17.99	257.00	4739.00	7752.00	0.00	ACUITIAS
4674002.00	6776041.00	194.03	979236.52	38.81	20.93	19.30	17.10	257.00	4739.00	7760.00	0.00	ACUITIAS
4674022.00	6776198.00	185.55	979243.24	38.17	21.06	19.51	17.36	257.00	4740.00	7692.00	0.00	ACUITIAS
4674009.00	6775622.00	193.58	979237.14	39.00	21.16	19.54	17.35	257.00	4740.00	7756.00	0.00	ACUITIAS
4674801.00	6758607.00	171.39	979241.69	24.88	9.08	7.65	5.71	337.00	4748.00	7586.00	0.00	ACUITIAS
4674814.00	6759010.00	174.67	979240.53	25.92	8.92	7.46	5.48	337.00	4748.00	7590.00	0.00	ACUITIAS
4674801.00	6759400.00	182.03	979239.37	26.40	9.62	8.10	6.04	337.00	4748.00	7594.00	0.00	ACUITIAS
4674802.00	6759806.00	176.47	979239.62	27.17	10.90	9.42	7.43	337.00	4748.00	7598.00	0.00	ACUITIAS
4674802.00	6760202.00	173.81	979243.32	28.37	12.35	10.89	8.92	337.00	4748.00	7602.00	0.00	ACUITIAS
4674808.00	6760600.00	171.55	979244.43	29.06	13.25	11.81	9.87	337.00	4748.00	7606.00	0.00	ACUITIAS
4674806.00	6761000.00	171.39	979244.63	29.49	13.69	12.22	10.32	337.00	4748.00	7610.00	0.00	ACUITIAS
4674802.00	6761401.00	172.88	979243.87	29.47	13.53	12.08	10.13	337.00	4748.00

477197.00	6760806.00	177.88	979238.41	25.13	8.74	7.25	5.24	337.00	4772.00	7608.00	0.00	ACUITIAS
477195.00	6761199.00	178.77	979240.24	27.51	11.03	9.53	7.51	337.00	4772.00	7612.00	0.00	ACUITIAS
477206.00	6761605.00	178.75	979241.49	29.03	12.56	11.06	9.04	337.00	4772.00	7616.00	0.00	ACUITIAS
477198.00	6762467.00	181.87	979243.11	30.18	13.42	11.89	9.88	344.00	4772.00	7624.00	0.00	ACUITIAS
477208.00	6762805.00	179.78	979241.51	30.21	13.64	12.13	10.10	344.00	4772.00	7628.00	0.00	ACUITIAS
477199.00	6763200.00	181.55	979240.93	30.45	13.72	12.19	10.14	344.00	4772.00	7632.00	0.00	ACUITIAS
477205.00	6763604.00	182.84	979241.27	31.47	14.61	13.00	11.01	344.00	4772.00	7636.00	0.00	ACUITIAS
477209.00	6764012.00	183.43	979241.55	32.21	15.30	13.77	11.69	344.00	4772.00	7640.00	0.00	ACUITIAS
477210.00	6764399.00	179.97	979243.00	31.77	15.18	13.67	11.64	344.00	4772.00	7644.00	0.00	ACUITIAS
477206.00	6764801.00	177.86	979241.73	31.23	14.83	13.34	11.33	344.00	4772.00	7648.00	0.00	ACUITIAS
477204.00	6765194.00	175.59	979241.93	31.00	14.81	13.34	11.36	344.00	4772.00	7652.00	0.00	ACUITIAS
477209.00	6765602.00	173.10	979242.52	31.10	15.15	13.76	11.74	344.00	4772.00	7656.00	0.00	ACUITIAS
477204.00	6766002.00	174.82	979242.87	32.26	16.15	14.68	12.70	344.00	4772.00	7660.00	0.00	ACUITIAS
477205.00	6766412.00	176.16	979243.73	33.81	17.58	16.10	14.11	344.00	4772.00	7664.00	0.00	ACUITIAS
477196.00	6766808.00	177.97	979242.90	33.53	17.42	15.93	13.94	344.00	4772.00	7668.00	0.00	ACUITIAS
477201.00	6767406.00	181.38	979238.92	31.31	14.59	13.07	11.02	344.00	4772.00	7674.00	0.00	ACUITIAS
477204.00	6767802.00	183.82	979238.86	30.28	13.54	11.86	9.72	344.00	4772.00	7678.00	0.00	ACUITIAS
477200.00	6768208.00	188.50	979234.86	30.93	12.65	11.07	8.94	344.00	4772.00	7682.00	0.00	ACUITIAS
477202.00	6768608.00	203.59	979230.62	30.69	11.93	10.22	7.92	344.00	4772.00	7686.00	0.00	ACUITIAS
477192.00	6769003.00	208.51	979230.18	30.92	11.68	9.93	7.57	344.00	4772.00	7690.00	0.00	ACUITIAS
477195.00	6769414.00	205.31	979229.63	30.80	11.87	10.15	7.83	146.00	4772.00	7694.00	0.00	ACUITIAS
477196.00	6769818.00	202.21	979230.13	30.62	11.98	10.29	8.00	146.00	4772.00	7698.00	0.00	ACUITIAS
477196.00	6770212.00	201.20	979230.18	30.63	12.08	10.40	8.12	146.00	4772.00	7702.00	0.00	ACUITIAS
477198.00	6770611.00	198.72	979230.68	30.65	12.33	10.67	8.42	146.00	4772.00	7706.00	0.00	ACUITIAS
477205.00	6770998.00	201.85	979229.94	31.14	12.53	10.84	8.56	146.00	4772.00	7710.00	0.00	ACUITIAS
477213.00	6771415.00	210.81	979227.88	32.14	12.70	10.94	8.55	146.00	4772.00	7714.00	0.00	ACUITIAS
477213.00	6771810.00	206.91	979229.07	32.40	13.32	11.59	9.25	146.00	4772.00	7718.00	0.00	ACUITIAS
477200.00	6772205.00	203.60	979230.04	32.61	13.85	12.14	9.84	146.00	4772.00	7722.00	0.00	ACUITIAS
477211.00	6772600.00	201.37	979230.61	32.74	14.19	12.50	10.23	146.00	4772.00	7726.00	0.00	ACUITIAS
477203.00	6773019.00	197.93	979231.56	32.95	14.71	13.05	10.81	146.00	4772.00	7730.00	0.00	ACUITIAS
477203.00	6773402.00	199.79	979231.08	33.32	14.90	13.23	10.97	146.00	4772.00	7734.00	0.00	ACUITIAS
477203.00	6773801.00	198.68	979230.98	33.15	14.83	13.17	10.92	146.00	4772.00	7738.00	0.00	ACUITIAS
477197.00	6774218.00	200.25	979230.20	33.14	14.68	13.00	10.74	146.00	4772.00	7742.00	0.00	ACUITIAS
477215.00	6774615.00	197.12	979230.33	32.58	14.41	12.76	10.53	146.00	4772.00	7746.00	0.00	ACUITIAS
477210.00	6775006.00	198.05	979229.69	32.50	14.24	12.58	10.34	146.00	4772.00	7750.00	0.00	ACUITIAS
477206.00	6775414.00	198.00	979228.96	32.04	13.79	12.13	9.89	146.00	4772.00	7754.00	0.00	ACUITIAS
477199.00	6775817.00	200.32	979228.00	32.07	13.61	11.93	9.69	146.00	4772.00	7758.00	0.00	ACUITIAS
477210.00	6776210.00	198.26	979228.26	31.97	13.69	12.03	9.79	146.00	4772.00	7762.00	0.00	ACUITIAS
477209.00	6776620.00	199.65	979227.96	32.22	13.80	12.13	9.87	146.00	4772.00	7766.00	0.00	ACUITIAS
477203.00	6777021.00	200.55	979227.01	31.98	13.49	11.81	9.54	146.00	4772.00	7770.00	0.00	ACUITIAS
477205.00	6777395.00	201.15	979226.21	31.63	13.09	11.41	9.13	146.00	4772.00	7774.00	0.00	ACUITIAS
477208.00	6777825.00	202.64	979225.96	31.14	12.46	10.76	8.47	146.00	4772.00	7778.00	0.00	ACUITIAS
477207.00	6778194.00	205.38	979223.45	30.73	11.80	10.08	7.76	146.00	4772.00	7782.00	0.00	ACUITIAS
477205.00	6778602.00	209.49	979221.53	30.36	11.05	9.30	6.93	146.00	4772.00	7786.00	0.00	ACUITIAS
477201.00	6779001.00	207.09	979222.00	30.50	11.38	9.64	7.29	146.00	4772.00	7790.00	0.00	ACUITIAS
477202.00	6779416.00	211.93	979221.00	31.15	11.61	9.84	7.44	146.00	4772.00	7794.00	0.00	ACUITIAS
477206.00	6779804.00	214.47	979219.00	30.29	10.52	8.72	6.30	146.00	4772.00	7798.00	0.00	ACUITIAS
477203.00	6780208.00	223.73	979216.65	30.37	9.93	8.07	5.57	146.00	4772.00	7802.00	0.00	ACUITIAS
477203.00	6780605.00	222.75	979215.29	29.60	9.07	7.20	4.68	146.00	4772.00	7806.00	0.00	ACUITIAS
477206.00	6780997.00	218.14	979214.58	27.74	7.64	5.81	3.34	146.00	4772.00	7810.00	0.00	ACUITIAS
477202.00	6781398.00	214.75	979213.17	25.56	5.77	3.97	1.54	146.00	4772.00	7814.00	0.00	ACUITIAS
477989.00	6762228.00	171.97	979246.07	31.96	16.10	14.66	12.72	258.00	4779.00	7622.00	0.00	ACUITIAS
477989.00	6762632.00	172.10	979244.00	30.21	14.35	12.90	10.95	258.00	4779.00	7626.00	0.00	ACUITIAS
477987.00	6763021.00	176.19	979242.74	30.48	14.24	12.77	10.77	258.00	4779.00	7630.00	0.00	ACUITIAS
478025.00	6761416.00	167.80	979247.29	31.33	15.86	14.45	12.56	258.00	4780.00	7614.00	0.00	ACUITIAS
478016.00	6761801.00	169.40	979247.25	32.12	16.48	15.05	13.16	258.00	4780.00	7618.00	0.00	ACUITIAS
478004.00	6763397.00	174.90	979243.03	30.64	14.52	13.05	11.07	258.00	4780.00	7634.00	0.00	ACUITIAS
478005.00	6763823.00	174.87	979242.39	30.62	14.36	12.88	10.88	258.00	4780.00	7638.00	0.00	ACUITIAS
478001.00	6764226.00	177.11	979242.70	31.56	15.24	13.75	11.75	258.00	4780.00	7642.00	0.00	ACUITIAS
478079.00	6764620.00	172.28	979244.44	32.09	16.21	14.76	12.81	258.00	4780.00	7646.00	0.00	ACUITIAS
477999.00	6765025.00	173.20	979244.96	31.91	16.02	14.58	12.65	258.00	4780.00	7650.00	0.00	ACUITIAS
478028.00	6765373.00	173.24	979243.55	32.02	16.05	14.60	12.64	258.00	4780.00	7654.00	0.00	ACUITIAS
478002.00	6765788.00	173.87	979243.66	32.60	16.58	15.12	13.15	258.00	4780.00	7658.00	0.00	ACUITIAS
478011.00	6766191.00	175.12	979244.73	34.34	18.20	16.73	14.75	258.00	4780.00	7662.00	0.00	ACUITIAS
478025.00	6766573.00	179.02	979243.18	34.45	17.89	16.39	14.36	258.00	4780.00	7666.00	0.00	ACUITIAS
478796.00	6759001.00	168.48	979236.97	19.54	4.01	2.60	0.69	336.00	4788.00	7590.00	0.00	ACUITIAS
478801.00	6759406.00	168.57	979237.21	20.09	4.55	3.14	1.23	336.00	4788.00	7594.00	0.00	ACUITIAS
478804.00	6759789.00	169.08	979237.96	21.26	5.68	4.26	2.35	336.00	4788.00	7598.00	0.00	ACUITIAS
478800.00	6760194.00	169.45	979239.00	22.71	7.09	5.67	3.75	336.00	4788.00	7602.00	0.00	ACUITIAS
478801.00	6760598.00	169.55	979240.15	24.16	8.53	7.11	5.19	337.00	4788.00	7606.00	0.00	ACUITIAS
478803.00	6761002.00	169.67	979241.77	26.09	10.45	9.03	7.11	337.00	4788.00	7610.00	0.00	ACUITIAS
478805.00	6761394.00	170.56	979243.53	28.40	12.68	11.25	9.32	258.00	4788.00	7614.00	0.00	ACUITIAS
478794.00	6761802.00	170.43	979244.42	29.53	13.82	12.39	10.47	337.00	4788.00	7618.00	0.00	ACUITIAS
478805.00	6762211.00	171.03	979245.90	31.48	15.72	14.28	12.35	344.00	4788.00	7622.00	0.00	ACUITIAS
478789.00	6762610.00	170.22	979246.28	31.89	16.20	14.77	12.85	344.00	4788.00	7626.00	0.00	ACUITIAS
478791.00	6763011.00	170.64	979246.73	32.75	17.02	15.59	13.66	344.00	4788.00	7630.00	0.00	ACUITIAS
478797.00	6763409.00	171.20	979246.42	32.88	17.10	15.67	13.73	344.00	4788.00	7634.00	0.00	ACUITIAS
478798.00	6763806.00	171.69	979245.51	32.40	16.58	15.14	13.20	344.00	4788.00	7638.00	0.00	ACUITIAS
478799.00	6764212.00	172.94	979245.16	32.72	16.78	15.34	13.38	344.00	4788.00	7642.00	0.00	ACUITIAS
478797.00	6764619.00	173.60	979244.58	32.66	16.65	15.19	13.23	344.00	4788.00	7646.00	0.00	ACUITIAS
478801.00	6765011.00	174.38	979244.31	32.87	16.80	15.33	13.36	344.00	4788.00	7650.00	0.00	ACUITIAS
478801.00	6765405.00	174.90	979244.19	33.19	17.07	15.60	13.62	344.00	4788.00	7654.00	0.00	ACUITIAS
478799.00	6765823.00	175.54	979245.19	34.68	18.50	17.03	15.04	344.00	4788.00	7658.00	0.00	ACUITIAS
478802.00	6766214.00	176.33	979245.30	35.30	19.04	17.57	15.57	258.00	4788.00	7662.00	0.00	ACUITIAS
478804.00	6766608.00	176.76	979244.45	34.86	18.57	17.09	15.09	344.00	4788.00	7666.00	0.00	ACUITIAS
478792.00	6767009.00	178.20	979243.05	34.20	17.77	16.27	14.25	344.00	4788.00	7670.00	0.00	ACUITIAS
478801.00	6767415.00	181.52	979239.98	32.42	15.69	14.16	12.11	344.00	4788.00	7674.00	0.00	ACUITIAS
478799.00	6767809.00	184.02	979236.24	30.00	13.04	11.49	9.41	146.00	4788.00	7682.00	0.00	ACUITIAS
478795.00	6768608.00	184.49	979235.40	29.58	12.57	11.03	8.94	146.00	4788.00	7686.00	0.00	ACUITIAS
478801.00	6769005.00	184.44	979235.56	30.00	13.00	11.46	9.37	146.00	4788.00	7690.00	0.00	ACUITIAS
478793.00	6769394.00	184.54	979236.35	31.09	14.08	12.53	10.45	146.00	4788.00	7694.00	0.00	ACUITIAS
478798.00	6769816.00	186.14	979237.79	33.32	16.16	14.60	12.50	146.00	4788.00	7698.00	0.00	ACUITIAS
478797.00	6770194.00	187.93	979237.63	33.98	16.66	15.08	12.96	146.00	4788.00	7702.00	0.00	ACUITIAS
478815.00	6770599.00	191.56	979236.01	33.76	16.10	14.50	12.33	146.00	4788.00	7706.00	0.00	ACUITIAS
478799.00	6771009.00	199.29	979234.56	34.98	16.61	14.94	12.68	146.00	4788.00	7710.00	0.00	ACUITIAS
478799.00	6771403.00	203.60	979234.54	36.58	17.81	16.16	13.88	146.00	4788.00	7714.00	0.00	ACUITIAS
478796.00	6771806.00	204.98	979235.09	37.81	18.92	17.20	14.88	146.00	4788.00	7718.00	0.00	ACUITIAS
478796.00	6772206.00	201.96	979235.74	37.81	19.20	17.51	15.22	146.00	4788.00	7722.00	0.00	ACUITIAS
478797.00	6772609.00	197.13	979235.99	36.83	18.66	17.01	14.78	146.00	4788.00	7726.00	0.00	ACUITIAS
478806.00	6772997.00	197.88	979234.58	35.94	17.71	16.05	13.81	146.00	4788.00	7730.00	0.00	ACUITIAS
478795.00	6773401.00	199.39	979233.26	35.37	16.99	15.32	13.07	146.00	4788.00	7734.00	0.00	ACUITIAS
478800.00	6773801.00	200.22	979233.72	36.36	17.90	16.23	13.96	146.00	4788.00	7738.00	0.00	ACUITIAS
478793.00	6774207.00	208.35	979231.88	37.31	18.11	16.36	14.01	146.00	4788.00	7742.00	0.00	ACUITIAS
478796.00	6774617.00	201.33	979232.71	36.26	17.70	16.01	13.74	146.00	4788.00	7746.00	0.00	ACUITIAS
478789.00	6775006.00	196.01	979235.65	37.83	19.76	18.11	15.96	245.00	4788.00	7750.00	0.00	ACUITIAS
478792.00	6775406.00	195.90	979235.51	37.93	19.88	18.23	16.02	146.00	4788.00	7754.00	0.00	ACUITIAS
478797.00	6775797.00	197.51	979233.40	36.59	18.38	16.73	14.48	146.00	4788.00	7758.00	0.00	ACUITIAS
478793.00	6776214.00	199.71	979231.41	35.57	17.16	15.49	13.23	146.00	4788.00	7762.00	0.00	ACUITIAS
478798.00	6776606.00	205.26	979229.59	35.73	16.81	15.09	12.77	146.00	4788.00	7766.00	0.00	ACUITIAS
478791.00	6776993.00	204.51	979229.38	35.56	16.71	15.00	12.66	146.00	4788.00	7770.00	0.00	ACUITIAS
478798.00	6777400.00	199.16	979229.59	34.40	16.05	14.38	12.12	146.00	4788.00	7774.00	0.00	ACUITIAS
478804.00	6777792.00	198.57	979228.60	33.50	15.20	13.53	11.29	146.00	4788.00	7778.00	0.00	ACUITIAS
478792.00	6778209.00	199.00	979227.12	32.44	14.10	12.43	10.18	146.00	4788.00	7782.00	0.00	ACUITIAS
478817.00	6778608.00	199.59	979225.30	31.08	12.68	11.01	8.75	146.00	4788.00	7786.00	0.00	ACUITIAS
478800.00	6778998.00	200.93	979224.78	30.25	11.73	10.04	7.77	146.00	4788.00	7790.00	0.00	ACUITIAS
478800.00	6779407.00	202.89	979222.37	29.71	11.01	9.31	7.02	146.00	4788.00	7794.00	0.00	ACUITIAS
478793.00	6779796.00	204.65	979221.32	29.48	10.62	8.90	6.59	146.00	4788.00	7798.00	0.00	ACUITIAS
478801.00	6780205.00	205.68	979221.26	29.29	10.34	8.61	6.29	146.00	4788.00	7802.00	0.00	ACUITIAS
478792.00	6780586.00	205.28	979219.91	28.81	9.89	8.17	5.85	146.00	4788.00	7806.00	0.00	ACUITIAS
478796.00	6781002.00	203.20	979218.71	27.27	8.54	6.83	4.53	146.00	4788.00	7810.00	0.00	ACUITIAS
478793.00	6781403.00	203.86	979217.09	26.12	7.33	5.62	3.32	146.00	4788.00	7814.00	0.00	ACUITIAS
478796.00	6781793.00	203.94	979215.98	25.31	6.51	4.80	2.49	146.00	4788.00	7818.00	0.00	ACUITIAS
478788.00	6782201.00	206.02	979215.34	25.59	6.60	4.87	2.54	146.00	4788.00	7822.00	0.00	ACUITIAS
478796.00	6782599.00	204.01	979215.66	25.56	6.76	5.05	2.74	146.00	4788.00	7826.00	0.00	ACUITIAS
478589.00	6762819.00	173.43	979243.70	30.53	14.54	13.09	11.13	258.00	4795.00	7628.00	0.00	ACUITIAS
478609.00	6763413.00	173.56	979247.44	35.08	19.00	17.63	15.68	258.00	4795.00	7640.00	0.00	ACUITIAS
478549.00	6764455.00	172.27	979247.54	35.06	19.19	17.74	15.79	258.00	4795.00	7644.00	0.00	ACUITIAS
478552.00	6764831.00	171.42	979247.16	34.68	18.88	17.45	15.51	258.00	4795.00	7648.00	0.00	ACUITIAS
478570.00	6765230.00	173.05	979246.52	34.82	18.87	17.42	15.48	258.00	4795.00	7652.00	0.00	ACUITIAS
478570.00	6765630.00	173.90	979245.79	34.63	18.60	17.14	15.18	258.00	4795.00	7656.00	0.00	ACUITIAS
478587.00	6766018.00	174.78	979246.40	35.79	19.68	18.21	16.24	258.00	4795.00	7660.00	0.00	ACUITIAS
478601.00	6766407.00	176.00	979245.67	35.72	19.50	18.03	16.06	258.00	4795.00	7664.00	0.00	ACUITIAS
478597.00	6766793.00	176.80	979244.63	35.21	18.90	17.42	15.42	258.00	4795.00	7668.00	0.00	ACUITIAS
478616.00	6761658.00	172.37	979242.30	27.91	12.02	10.57	8.02	258.00	4796.00	7616.00	0.00	ACUITIAS
478633.00	6762210.00	172.52	979242.82	28.32	12.82	11.37	9.42	258.00	4796.00	7620.00	0.00	ACUITIAS
478622.00	6762441.00	172.92	979243.24	29.56	13.62	12.17	10.22	258.00	4796.00	7624.00	0.00	ACUITIAS
478606.00	6762804.00	176.13	979240.23	31.55	15.32	13.84	11.85	145.00	4804.00	7632.00	0.00	ACUITIAS
478642.00	6763664.00	174.06	979245.75	33.28	17.24	15.78	13.81	258.00	4796.00	7636.00	0.00	ACUITIAS
478405.00	6759003.00	168.86	979236.18	18.86	3.30	1.89	-0.02	336.00	4804.00	7590.00	0.00	ACUITIAS
478401.00	6759404.00	169.44	979237.15	20.29	4.67	3.25	1.34	336.00	4804.00	7594.00	0.00	ACUITIAS
478412.00	6759803.00	170.00	979237.96	21.55	5.88	4.46	2.54	336.00	4804.00	7598.00	0.00	ACUITIAS
478400.00	6760206.00	170.41	979239.30	23.30	7.59	6.16	4.24	336.00	4804.00	7602.00	0.00	ACUITIAS
478388.00	6760614.00	171.02	979239.40	23.86	8.10	6.67	4.73	144.00	4804.00	7606.00	0.00	ACUITIAS
478398.00	6761006.00	171.62	979240.14	25.07	9.25	7.81	5.87	144.00	4804.00	7610.00	0.00	ACUITIAS
478391.00	6761211.00	171.97	979240.45	25.62	9.77	8.33	6.39	144.00	4804.00	7612.00	0.00	ACUITIAS
478398.00	6761605.00	172.37	979240.75	26.32	10.44	8.99	7.04	144.00	4804.00	7616.00	0.00	ACUITIAS
478402.00	6762001.00	172.87	979241.00	27.01	11.01	9.63	7.67	346.00	4804.00	7620.00	0.00	ACUITIAS
478394.00	6762413.00	173.44	979241.90	28.37	12.38	10.93	8.97	144.00	4804.00	7624.00	0.00	ACUITIAS
478402.00	6762814.00	173.96	979242.73	29.63	13.60	12.14	10.17	144.00	4804.00	7628.00	0.00	ACUITIAS
478402.00	6763205.00	174.31	979243.10	30.38	14.32	12.86	10.89	144.00	4804.00	7632.00	0.00	ACUITIAS
478398.00	6763607.00	174.39	979243.79	31.38	15.31	13.85	11.88	144.00	4804.00	7636.00	0.00	ACUITIAS
478388.00	6764012.00	174.96	979244.99	33.04	16.91	15.44	13.46	144.00	4804.00	7640.00	0.00	ACUITIAS
478389.00	6764411.00	175.27	979246.20	34.61	18.46	16.99	15.01	144.00	4804.00	7644.00	0.00	ACUITIAS
478394.00	6764805.00	175.63	979247.25	35.05	18.97	17.49	15.49	144.00	4804.00	7648.00	0.00	ACUITIAS
478399.00	6765209.00	176.09	979247.94	37.17	20.94	19.46	17.47	144.00	4804.00	7652.00	0.00	ACUITIAS
478396.00	6765613.00	176.72	979248.17	37.59	21.38	19.91	17.92	144.00	4804.00	7656.00	0.00	ACUITIAS
478401.00	6766004.00	175.58	979247.58	37.20	21.02	19.54	17.56	144.00	4804.00	7660.00	0.00	ACUITIAS
478391.00	6766405.00	175.52	979245.42	35.30	19.13	17.66	15.67	144.00	4804.00	7664.00	0.00	ACUITIAS
478396.00	6766814.00	175.82	979243.62	33.88	17.67	16.20	14.22	144.00	4804.00	7668.00	0.00	ACUITIAS
478396.00	6767209.00	176.08	979242.52	33.13	16.90	15.43	13.44	144.00	4804.00	7672.00	0.00	ACUITIAS
478402.00	6767610.00	176.09	979241.75	32.64	16.41	14.94	12.95	145.00	4804.00	7676.00	0.00	ACUITIAS
478400.00	6768204.00	176.19	979240.23	31.55	15.32	13.84	11.85	145.00	4804.00	7682.00	0.00	ACUITIAS
478397.00	6768605.00	178.18	979238.84	31.07	14.64	13.15	11.14	145.00	4804.00	7686.00	0.00	ACUITIAS
478401.00	6769012.00	178.96	979238.37	30.98	14.49	12.99	10.96	145.00	4804.00	7690.00	0.00	ACUITIAS
478401.00	6769404.00	179.40	979239.35	32.38	15.84	14.34	12.33	145.00	4804.00	7694.00	0.00	ACUITIAS
478404.00	6769607.00	180.55	979240.93	34.59	17.95	16.43	14.30	145.00	4804.00	7696.00	0.00	ACUITIAS
478401.00	6770009.00	181.66	979241.58	35.86	19.12	17.60	15.54	145.00	4804.00	7700.00	0.00	ACUITIAS
478399.00	6770407.00	181.92	979241.39	36.02	19.25	17.73	15.67	145.00	4804.00	7704.00	0.00	ACUITIAS
478404.00	6770812.00	182.57	979240.72	35.83	19.01	17.48	15.41	145.00	4804.00	7708.00	0.00	ACUITIAS
478403.00	6771210.00	184.28	979239.94	35.86	18.87	17.33	15.24	145.00	4804.00	7712.00	0.00	ACUITIAS
478400.00	6771600.00	184.83	979239.51	35.87	18.83	17.29	15.20	145.00	4804.00	7716.00	0.00	ACUITIAS
478402.00	6772002.00	185.95	979238.76	35.75	18.61	17.05	14.95	145.00	4804.00	7720.00	0.00	ACUITIAS
478392.00	6772398.00	186.18	979238.81	36.14	18.90	17.42	15.31	145.00	4804.00	7724.00	0.00	ACUITIAS
478403.00	6772799.00	186.36	979238.86	36.53	19.35	17.79	15.68	145.00	4804.00	7728.00	0.00	ACUITIAS
478403.00	6773203.00	186.72	979238.58	36.31	19.10	17.53	15.42	145.00	4804.00	7732.00	0.00	ACUITIAS
478393.00	6773602.00	187.33	979237.98	36.51	19.24	17.67	15.55	145.00	4804.00	7736.00	0.00	ACUITIAS
478403.00	6774008.00	187.27	979238.57	37.35	20.09	18.52	16.40	145.00	4804.00	7740.00	0.00	ACUITIAS
478393.00	6774406.00	187.66	979238.52	37.79	20.40	18.83	16.71	145.00	4804.00	7744.00	0.00	ACUITIAS
478409.00	6774807.00	188.29	979237.71	37.36	20.01	18.43	16.30	145.00	4804.00	7748.00	0.00	ACUITIAS
478405.00	6775199.00	188.69	979237.64	37.69	20.30	18.72	16.59	145.00	4804.00	7752.00	0.00	ACUITIAS
478400.00	6775608.00	189.11	979237.66	38.12	20.69	19.10	16.96	145.00	4804.00

481991.00	6782393.00	200.29	979219.48	28.10	9.63	7.96	5.69	145.00	4820.00	7824.00	0.00	ACUITIAS
481989.00	6782806.00	201.19	979218.53	27.71	9.17	7.48	5.20	145.00	4820.00	7828.00	0.00	ACUITIAS
481986.00	6783200.00	202.47	979217.71	27.56	8.89	7.20	4.91	145.00	4820.00	7832.00	0.00	ACUITIAS
481997.00	6783616.00	203.06	979215.64	25.95	7.23	5.53	3.23	145.00	4820.00	7836.00	0.00	ACUITIAS
481996.00	6784003.00	202.01	979214.27	24.53	5.91	4.22	1.93	146.00	4820.00	7840.00	0.00	ACUITIAS
481998.00	6784395.00	202.13	979212.78	23.35	4.71	3.02	0.73	146.00	4820.00	7844.00	0.00	ACUITIAS
481995.00	6784787.00	203.51	979211.10	22.37	3.61	1.90	-0.40	146.00	4820.00	7848.00	0.00	ACUITIAS
482794.00	6764228.00	176.14	979244.21	32.76	16.53	15.05	13.06	259.00	4827.00	7642.00	0.00	ACUITIAS
482779.00	6765576.00	177.01	979247.22	36.84	20.53	19.04	17.04	259.00	4827.00	7654.00	0.00	ACUITIAS
482758.00	6765753.00	177.36	979248.05	38.04	21.69	20.21	18.20	259.00	4827.00	7658.00	0.00	ACUITIAS
482772.00	6766212.00	179.19	979248.08	38.96	22.44	20.94	18.91	259.00	4827.00	7662.00	0.00	ACUITIAS
482789.00	6766982.00	181.65	979249.32	41.49	24.75	23.21	21.17	259.00	4827.00	7670.00	0.00	ACUITIAS
482779.00	6767317.00	182.44	979248.90	41.55	24.73	23.21	21.14	259.00	4827.00	7674.00	0.00	ACUITIAS
482784.00	6767763.00	183.87	979244.65	38.05	21.11	19.56	17.48	259.00	4827.00	7678.00	0.00	ACUITIAS
482791.00	6773830.00	183.33	979240.66	37.43	20.51	18.97	16.90	264.00	4827.00	7728.00	0.00	ACUITIAS
482800.00	6773178.00	183.83	979241.46	38.61	21.66	20.12	18.04	264.00	4827.00	7732.00	0.00	ACUITIAS
482783.00	6773638.00	184.40	979241.86	39.52	22.51	20.97	18.88	264.00	4827.00	7736.00	0.00	ACUITIAS
482784.00	6774448.00	185.34	979240.59	39.98	22.00	20.44	18.35	264.00	4827.00	7744.00	0.00	ACUITIAS
482742.00	6774879.00	186.72	979239.70	38.92	21.70	20.14	18.03	264.00	4827.00	7748.00	0.00	ACUITIAS
482785.00	6775254.00	189.23	979239.87	39.04	21.68	20.01	17.87	264.00	4827.00	7752.00	0.00	ACUITIAS
482781.00	6775675.00	189.73	979238.12	38.82	21.33	19.74	17.60	264.00	4827.00	7756.00	0.00	ACUITIAS
482782.00	6777236.00	193.05	979236.32	39.12	21.33	19.71	17.53	264.00	4827.00	7772.00	0.00	ACUITIAS
482785.00	6777631.00	194.65	979235.50	39.07	21.13	19.50	17.34	264.00	4827.00	7776.00	0.00	ACUITIAS
482802.00	6778030.00	191.57	979235.07	37.97	20.32	18.71	16.54	264.00	4827.00	7780.00	0.00	ACUITIAS
482741.00	6778435.00	191.58	979234.05	37.23	19.57	17.96	15.80	264.00	4827.00	7784.00	0.00	ACUITIAS
482823.00	6764156.00	176.58	979242.60	31.02	14.75	13.27	11.27	259.00	4828.00	7638.00	0.00	ACUITIAS
482803.00	6764642.00	176.51	979245.34	34.30	18.03	16.55	14.55	259.00	4828.00	7646.00	0.00	ACUITIAS
482803.00	6765024.00	176.89	979246.58	35.91	19.61	18.15	16.13	259.00	4828.00	7650.00	0.00	ACUITIAS
482807.00	6766628.00	180.63	979248.62	40.23	23.58	22.07	20.03	259.00	4828.00	7666.00	0.00	ACUITIAS
482805.00	6774059.00	184.80	979241.84	39.93	22.89	21.34	19.25	264.00	4828.00	7740.00	0.00	ACUITIAS
482816.00	6775036.00	182.81	979236.85	38.75	20.98	19.36	17.18	264.00	4828.00	7760.00	0.00	ACUITIAS
482819.00	6776451.00	196.22	979236.13	39.36	21.28	19.63	17.41	264.00	4828.00	7764.00	0.00	ACUITIAS
482803.00	6776851.00	193.45	979236.72	39.38	21.55	19.93	17.74	264.00	4828.00	7768.00	0.00	ACUITIAS
483601.00	6759002.00	175.28	979241.76	16.42	0.26	-1.26	-3.13	336.00	4836.00	7590.00	0.00	ACUITIAS
483609.00	6759397.00	178.29	979232.14	18.00	1.57	0.07	-1.94	336.00	4836.00	7594.00	0.00	ACUITIAS
483609.00	6759798.00	179.54	979233.07	19.60	3.05	1.54	-0.40	336.00	4836.00	7598.00	0.00	ACUITIAS
483605.00	6760200.00	179.60	979234.17	20.93	4.44	2.93	0.99	336.00	4836.00	7602.00	0.00	ACUITIAS
483605.00	6760604.00	178.27	979235.43	22.13	5.69	4.20	2.18	147.00	4836.00	7606.00	0.00	ACUITIAS
483606.00	6761006.00	178.88	979236.58	23.19	6.70	5.20	3.18	147.00	4836.00	7610.00	0.00	ACUITIAS
483599.00	6761407.00	180.44	979236.03	23.95	7.32	5.81	3.76	147.00	4836.00	7614.00	0.00	ACUITIAS
483605.00	6761595.00	180.91	979236.19	24.39	7.71	6.20	4.15	144.00	4836.00	7616.00	0.00	ACUITIAS
483602.00	6761999.00	180.71	979236.56	24.98	8.32	6.81	4.77	144.00	4836.00	7620.00	0.00	ACUITIAS
483607.00	6762201.00	179.76	979237.29	25.55	8.98	7.48	5.44	144.00	4836.00	7622.00	0.00	ACUITIAS
483606.00	6762599.00	177.21	979238.54	26.30	9.96	8.48	6.47	144.00	4836.00	7626.00	0.00	ACUITIAS
483599.00	6763001.00	175.68	979239.87	27.43	11.23	9.76	7.77	144.00	4836.00	7630.00	0.00	ACUITIAS
483597.00	6763399.00	176.85	979240.58	28.76	12.46	10.98	8.98	144.00	4836.00	7634.00	0.00	ACUITIAS
483601.00	6763797.00	177.57	979241.84	30.55	14.18	12.69	10.63	144.00	4836.00	7638.00	0.00	ACUITIAS
483591.00	6764214.00	177.80	979242.66	31.72	15.33	13.84	11.83	144.00	4836.00	7642.00	0.00	ACUITIAS
483598.00	6764614.00	177.64	979244.18	33.47	17.09	15.61	13.60	144.00	4836.00	7646.00	0.00	ACUITIAS
483593.00	6765015.00	177.68	979245.21	34.85	18.46	16.97	14.98	144.00	4836.00	7650.00	0.00	ACUITIAS
483595.00	6765404.00	178.22	979246.40	36.41	19.99	18.49	16.48	144.00	4836.00	7654.00	0.00	ACUITIAS
483593.00	6765802.00	178.91	979247.25	37.76	21.27	19.77	17.74	144.00	4836.00	7658.00	0.00	ACUITIAS
483590.00	6766196.00	180.50	979248.16	39.43	22.80	21.28	19.24	144.00	4836.00	7662.00	0.00	ACUITIAS
483589.00	6766597.00	182.21	979249.25	41.32	24.53	23.00	20.94	144.00	4836.00	7666.00	0.00	ACUITIAS
483604.00	6767008.00	185.11	979250.18	43.44	26.37	24.82	22.73	144.00	4836.00	7670.00	0.00	ACUITIAS
483601.00	6767409.00	186.14	979247.81	41.65	24.59	23.04	20.83	144.00	4836.00	7674.00	0.00	ACUITIAS
483606.00	6767805.00	188.95	979243.60	38.59	21.18	19.59	17.46	144.00	4836.00	7678.00	0.00	ACUITIAS
483602.00	6768208.00	189.10	979239.70	37.46	19.70	18.03	15.91	144.00	4836.00	7682.00	0.00	ACUITIAS
483606.00	6768408.00	195.13	979239.90	37.22	19.24	17.60	15.39	144.00	4836.00	7684.00	0.00	ACUITIAS
483598.00	6768803.00	194.41	979239.13	36.50	18.58	16.95	14.75	144.00	4836.00	7688.00	0.00	ACUITIAS
483602.00	6769199.00	192.60	979237.83	34.75	17.05	15.44	13.26	144.00	4836.00	7692.00	0.00	ACUITIAS
483605.00	6769808.00	189.98	979236.86	33.56	16.05	14.46	12.31	144.00	4836.00	7698.00	0.00	ACUITIAS
483607.00	6770196.00	189.89	979236.98	33.92	16.42	14.83	12.68	144.00	4836.00	7702.00	0.00	ACUITIAS
483618.00	6770607.00	190.32	979237.28	34.61	17.08	15.48	13.33	144.00	4836.00	7706.00	0.00	ACUITIAS
483602.00	6770994.00	184.95	979232.40	34.40	17.35	15.80	13.71	144.00	4836.00	7710.00	0.00	ACUITIAS
483605.00	6771416.00	182.66	979239.34	34.90	18.06	16.53	14.46	144.00	4836.00	7714.00	0.00	ACUITIAS
483603.00	6771801.00	182.98	979240.39	35.32	18.45	17.92	15.85	144.00	4836.00	7718.00	0.00	ACUITIAS
483602.00	6772210.00	186.03	979241.85	38.20	21.06	19.50	17.30	144.00	4836.00	7722.00	0.00	ACUITIAS
483605.00	6772609.00	184.85	979242.13	39.20	22.16	20.61	18.52	144.00	4836.00	7726.00	0.00	ACUITIAS
483606.00	6772998.00	185.78	979242.04	39.66	22.54	20.98	18.88	144.00	4836.00	7730.00	0.00	ACUITIAS
483596.00	6773417.00	186.30	979241.61	39.68	22.51	20.95	18.84	144.00	4836.00	7734.00	0.00	ACUITIAS
483601.00	6773809.00	187.41	979240.70	39.39	22.11	20.54	18.42	144.00	4836.00	7738.00	0.00	ACUITIAS
483601.00	6774196.00	187.24	979239.74	38.64	21.38	19.81	17.69	144.00	4836.00	7742.00	0.00	ACUITIAS
483592.00	6774613.00	188.58	979238.77	38.37	20.99	19.41	17.28	144.00	4836.00	7746.00	0.00	ACUITIAS
483599.00	6774994.00	190.72	979238.20	38.73	21.16	19.56	17.40	144.00	4836.00	7750.00	0.00	ACUITIAS
483604.00	6775404.00	193.50	979236.99	38.66	20.83	19.21	17.02	247.00	4836.00	7754.00	0.00	ACUITIAS
483611.00	6775812.00	194.06	979235.80	38.26	20.26	18.62	16.39	247.00	4836.00	7758.00	0.00	ACUITIAS
483611.00	6776208.00	195.77	979234.07	40.08	21.12	19.39	17.06	247.00	4836.00	7762.00	0.00	ACUITIAS
483604.00	6776623.00	202.06	979234.77	39.93	21.31	19.62	17.33	247.00	4836.00	7766.00	0.00	ACUITIAS
483618.00	6777007.00	201.32	979234.48	39.69	21.13	19.45	17.12	247.00	4836.00	7770.00	0.00	ACUITIAS
483608.00	6777413.00	200.74	979234.10	39.40	20.90	19.22	16.95	247.00	4836.00	7774.00	0.00	ACUITIAS
483615.00	6777805.00	196.23	979234.50	38.68	20.59	18.95	16.73	247.00	4836.00	7778.00	0.00	ACUITIAS
483614.00	6778202.00	197.60	979233.32	38.20	19.98	18.33	16.09	247.00	4836.00	7782.00	0.00	ACUITIAS
483606.00	6778595.00	202.38	979231.48	38.08	19.43	17.73	15.44	247.00	4836.00	7786.00	0.00	ACUITIAS
483608.00	6779015.00	199.40	979230.07	36.06	17.68	16.01	13.76	247.00	4836.00	7790.00	0.00	ACUITIAS
483602.00	6779408.00	198.07	979229.59	35.44	17.18	15.52	13.28	247.00	4836.00	7794.00	0.00	ACUITIAS
483595.00	6779802.00	199.41	979227.34	33.88	15.50	13.83	11.57	247.00	4836.00	7798.00	0.00	ACUITIAS
483593.00	6780216.00	198.70	979226.53	33.16	14.84	13.18	10.93	145.00	4836.00	7802.00	0.00	ACUITIAS
483589.00	6780604.00	197.01	979225.53	31.89	13.73	12.08	9.85	145.00	4836.00	7806.00	0.00	ACUITIAS
483607.00	6781018.00	195.27	979224.91	31.02	13.02	11.39	9.18	145.00	4836.00	7810.00	0.00	ACUITIAS
483594.00	6781301.00	195.06	979223.94	30.25	12.27	10.63	8.43	145.00	4836.00	7814.00	0.00	ACUITIAS
483588.00	6781801.00	198.93	979221.77	29.55	11.21	9.55	7.30	145.00	4836.00	7818.00	0.00	ACUITIAS
483601.00	6782201.00	199.87	979220.53	28.87	10.45	8.78	6.52	145.00	4836.00	7822.00	0.00	ACUITIAS
483593.00	6782606.00	197.87	979219.80	27.81	9.57	7.91	5.67	145.00	4836.00	7826.00	0.00	ACUITIAS
483593.00	6783006.00	197.91	979219.28	27.58	9.34	7.68	5.44	145.00	4836.00	7830.00	0.00	ACUITIAS
483596.00	6783406.00	199.01	979217.15	26.07	7.72	6.06	3.80	145.00	4836.00	7834.00	0.00	ACUITIAS
483581.00	6783795.00	199.35	979215.95	25.24	6.87	5.20	2.94	145.00	4836.00	7838.00	0.00	ACUITIAS
483596.00	6784201.00	199.51	979214.80	24.42	6.03	4.36	2.11	147.00	4836.00	7842.00	0.00	ACUITIAS
483603.00	6784597.00	198.02	979213.40	23.08	4.78	3.11	0.87	146.00	4836.00	7846.00	0.00	ACUITIAS
483605.00	6785009.00	199.44	979211.42	21.58	3.20	1.53	-0.73	146.00	4836.00	7850.00	0.00	ACUITIAS
484299.00	6775813.00	195.91	979236.15	38.85	20.79	19.15	16.93	259.00	4842.00	7758.00	0.00	ACUITIAS
484376.00	6776740.00	184.60	979248.48	41.41	24.39	22.64	20.75	259.00	4843.00	7666.00	0.00	ACUITIAS
484361.00	6767060.00	187.70	979247.06	41.15	23.85	22.28	20.16	259.00	4843.00	7670.00	0.00	ACUITIAS
484389.00	6767398.00	195.00	979244.07	40.65	22.68	21.04	18.84	259.00	4843.00	7674.00	0.00	ACUITIAS
484394.00	6767822.00	197.11	979241.47	39.28	21.11	19.46	17.22	259.00	4843.00	7682.00	0.00	ACUITIAS
484369.00	6772589.00	187.40	979241.19	39.02	21.75	20.18	18.06	259.00	4843.00	7726.00	0.00	ACUITIAS
484368.00	6773001.00	193.76	979236.90	37.96	20.28	18.68	16.51	259.00	4843.00	7752.00	0.00	ACUITIAS
484349.00	6776233.00	200.10	979235.63	39.92	21.47	19.80	17.53	259.00	4843.00	7762.00	0.00	ACUITIAS
484315.00	6776682.00	207.13	979232.92	39.69	20.60	18.86	16.52	259.00	4843.00	7766.00	0.00	ACUITIAS
484369.00	6777070.00	202.70	979231.98	39.19	20.05	18.36	15.98	259.00	4843.00	7770.00	0.00	ACUITIAS
484376.00	6777466.00	205.81	979231.66	38.56	19.59	17.86	15.54	259.00	4843.00	7774.00	0.00	ACUITIAS
484364.00	6777864.00	204.42	979231.34	38.09	19.25	17.53	15.22	259.00	4843.00	7778.00	0.00	ACUITIAS
484374.00	6778191.00	202.66	979231.16	37.59	18.91	17.21	14.92	259.00	4843.00	7782.00	0.00	ACUITIAS
484372.00	6778559.00	204.60	979229.77	37.05	18.19	16.48	14.16	259.00	4843.00	7786.00	0.00	ACUITIAS
484370.00	6778979.00	213.41	979228.14	36.43	16.76	14.97	12.56	259.00	4843.00	7790.00	0.00	ACUITIAS
484414.00	6765329.00	179.83	979244.09	34.40	17.91	16.40	14.37	259.00	4844.00	7652.00	0.00	ACUITIAS
484426.00	6765672.00	180.20	979245.77	36.58	19.97	18.46	16.42	259.00	4844.00	7656.00	0.00	ACUITIAS
484410.00	6766044.00	180.92	979245.38	38.37	21.70	20.18	18.15	259.00	4844.00	7660.00	0.00	ACUITIAS
484410.00	6766414.00	183.59	979248.23	40.60	23.68	22.14	20.07	259.00	4844.00	7664.00	0.00	ACUITIAS
484397.00	6767799.00	197.20	979242.77	40.31	22.13	20.48	18.25	259.00	4844.00	7678.00	0.00	ACUITIAS
484427.00	6768944.00	184.33	979240.70	37.25	20.26	18.72	16.63	259.00	4844.00	7720.00	0.00	ACUITIAS
484386.00	6773193.00	187.89	979240.72	39.13	21.81	20.23	18.11	160.00	4844.00	7732.00	0.00	ACUITIAS
484385.00	6773661.00	189.53	979239.82	39.06	21.59	20.00	17.86	160.00	4844.00	7736.00	0.00	ACUITIAS
484404.00	6774044.00	191.64	979238.46	38.63	20.96	19.36	17.19	160.00	4844.00	7740.00	0.00	ACUITIAS
484408.00	6774729.00	193.00	979236.90	38.23	20.36	18.73	16.54	259.00	4844.00	7748.00	0.00	ACUITIAS
484195.00	6775092.00	175.22	979231.59	18.37	2.22	-1.25	-3.25	135.00	4852.00	7592.00	0.00	ACUITIAS
485201.00	6759607.00	176.16	979232.59	17.94	1.70	0.22	-1.77	135.00	4852.00	7596.00	0.00	ACUITIAS
485202.00	6759999.00	177.37	979232.55	18.54	2.20	0.71	-1.30	135.00	4852.00	7600.00	0.00	ACUITIAS
485208.00	6760396.00	179.52	979233.16	20.11	3.56	2.06	0.03	147.00	4852.00	7604.00	0.00	ACUITIAS
485214.00	6760801.00	183.45	979232.32	20.75	3.84	2.31	0.23	147.00	4852.00	7608.00	0.00	ACUITIAS
485204.00	6761211.00	187.74	979231.61	21.65	4.34	2.77	0.65	147.00	4852.00	7612.00	0.00	ACUITIAS
485201.00	6761606.00	190.70	979231.79	23.02	5.44	3.84	1.69	148.00	4852.00	7616.00	0.00	ACUITIAS
485203.00	6762004.00	199.45	979230.19	24.39	6.01	4.34	2.08	148.00	4852.00	7620.00	0.00	ACUITIAS
485200.00	6762408.00	191.58	979232.93	24.98	6.32	5.72	3.55	148.00	4852.00	7624.00	0.00	ACUITIAS
485197.00	6762808.00	185.28	979234.95	25.34	8.26	6.71	4.62	148.00	4852.00	7628.00	0.00	ACUITIAS
485206.00	6763218.00	181.50	979236.37	25.88	9.15	7.63	5.57	148.00	4852.00	7632.00	0.00	ACUITIAS
485192.00	6763618.00	181.57	979236.51	27.07	10.58	9.08	7.05	148.00	4852.00	7636.00	0.00	ACUITIAS
485204.00	6764004.00	178.04	979239.31	28.29	11.88	10.39	8.38	148.00	4852.00	7640.00	0.00	ACUITIAS
485205.00	6764399.00	180.54	979239.94	29.97	13.33	11.82	9.78	148.00	4852.00	7644.00	0.00	ACUITIAS
485203.00	6764801.00	181.02	979239.82	30.28	13.60	12.09	10.03	148.00	4852.00	7648.00	0.00	ACUITIAS
485201.00	6765195.00	181.41	979239.16	30.01	13.29	11.77	9.72	148.00	4852.00	7652.00	0.00	ACUITIAS
485190.00	6765600.00	181.60	979240.53	31.73	14.99	13.47	11.41	148.00	4852.00	7656.00	0.00	ACUITIAS
485203.00	6765999.00	182.21	979243.52	35.18	18.38	16.85	14.78	245.00	4852.00	7660.00	0.00	ACUITIAS
485196.00	6766404.00	184.62	979245.03	37.71	20.70	19.15	17.06	245.00	4852.00	7664.00	0.00	ACUITIAS
485203.00	6766803.00	182.13	979243.86	37.80	20.35	18.79	16.67	144.00	4852.00	7668.00	0.00	ACUITIAS
485197.00	6767206.00	180.04	979243.03	37.95	20.43	18.84	16.69	144.00	4852.00	7672.00	0.00	ACUITIAS
485200.00	6767620.00	194.60	979241.85	38.48	20.54	18.91	16.70	144.00	4852.00	7676.00	0.00	ACUITIAS
485189.00	6768007.00	194.90	979240.80	39.70	20.46	18.80	16.58	144.00	4852.00	7680.00	0.00	ACUITIAS
485194.00	6768407.00	196.24	979240.50	38.16	20.07	18.43	16.21	144.00	4852.00	7684.00	0.00	ACUITIAS
485194.00	6768800.00	198.58	979240.18	38.83	20.53	18.87	16.62	144.00	4852.00	7688.00	0.00	ACUITIAS
485193.00	6769199.00	199.90	979239.44	38.78	20.36	18.68	16.42	144.00	4852.00	7692.00	0.00	ACUITIAS
485199.00	6769607.00	195.00	979238.71	36.82	18.85	17.22	15.01	144.00	4852.00	7696.00	0.00	ACUITIAS
485202.00	6769995.00	192.97	979237.77	35.52	17.74	16.12	13.94	144.00	4852.00	7700.00	0.00	ACUITIAS
485192.00	6770404.00	191.88	979237.44	35.14	17.45	15.83	13.64	144.00	4852.00	7704.00	0.00	ACUITIAS
485200.00	6770799.00	188.54	979238.78	35.72	18.35	16.77	14.63	144.00	4852.00	7708.00	0.00	ACUITIAS
485201.00	6771196.00	184.80	979239.19	35.28	18.24	16.69	14.60	144.00	4852.00	7712.00	0.00	ACUITIAS
485194.00	6771608.00	188.35	979239.69	36.69	19.32	17.75	15.62	144.00	4852.00	7716.00	0.00	ACUITIAS
485197.00	6772005.00	188.61	979240.00	37.80	20.42	18.84	16.70	144.00	4852.00	7720.00	0.00	ACUITIAS
485193.00	6772406.00	185.61	979240.53	37.69	20.58	19.02	16.87	144.00	4852.00	7724.00	0.00	ACUITIAS
485198.00	6772801.00	188.32	979239.82	38.08	20.72	19.15	17.02	144.00	4852.00	7728.00	0.00	ACUITIAS
485190.00	6773203.00	189.16	979239.44	38.25	20.81	19.23	17.09	144.00	4852.00	7732.00	0.00	ACUITIAS
485195.00	6773607.00	190.24	979238.51	37.93	20.39	18.80	16.65	144.00	4852.00	7736.00	0.00	ACUITIAS
485188.00	6774005.00	192.32	979237.37	37.70	19.98	18.36	16.19	144.00	4852.00	7740.00	0.00	ACUITIAS
485195.00	6774403.00	194.72	979236.69	38.05	20.10	18.47	16.26	144.00	4852.00	7744.00	0.00	ACUITIAS
485196.00	6774799.00	197.37	979235.57	38.81	19.82	18.17	15.94	144.00	4852.00	7748.00	0.00	ACUITIAS
485198.00	6775408.00	195.44	979235.54	37.82	19.80	18.16	15.95	145.00	4852.00	7754.00	0.00	ACUITIAS
485201.00	6775809.00	199.45	979234.59	38.36	19.98	18.31	16.05	145.00	4852.00	7758.00	0.00	ACUITIAS
485196.00	6776191.00	202.32	979234.36	39.30	20.65	18.95	16.66	145.00	4852.00	7762.00	0.00	ACUITIAS
485200.00	6776612.00	204.13	979233.26	39.05	20.24	18.53	16.22	145.00	4852.00	7766.00	0.00	ACUITIAS
485203.00	6777005.00	210.22	979231.27	39.21	19.83	18.07	15.73	145.00	4852.00	7770.00	0.00	ACUITIAS
485195.00	6777403.00	215.58	979229.67	39.54	19.67	17.86	15.43	145.00	4852.00	7774.00	0.00	ACUITIAS
485195.00	6777804.00	213.90	979229.77	39.40	19.68	17.89	15.47	145.00	4852.00	7778.00	0.00	ACUITIAS
485196.00	6778198.00	212.17	979229.08	38.45	18.89	17.11	14.71	145.00	4852.00	7782.00	0.00	ACUITIAS
485193.00	6778610.00	220.76	979225.18	37.49	17.14	15.29	12.79	145.00	4852.00	7786.00	0.00	ACUITIAS
485194.00	6779008.00	218.02	979224.39	36.77	16.68	14.85	12.33	145.00	4852.00	7790.00	0.00	ACUITIAS
485193.00	6779398.00	215.31	979224.30	35.47	15.62	13.82	11.38	145.00	4852.00	7794.00	0.00	ACUITIAS
485210.00	6779823.00	210.80	979224.17	34.25	14.82	13.05	10.67	245.00	4852.00	7798.00	0.00	ACUITIAS
485184.00	6780235.00	204.85	979224.52	32.02	14.14	12.43	10.11	145.00	4852.00	7802.00	0.00	ACUITIAS
485197.00	6780598.00	206.64	979222.92	32.24	13.20	11.47	9.13	145.00	4852.00	7806.00	0.00	ACUITIAS
485198.00	6781005.00	203.48	979222.64	31.27	12.51	10.81	8.51	145.00	4852.00	7810.00	0.00	ACUITIAS
485190.00	6781395.00	201.55	979221.83	30.13	11.56	9.87	7.59	145.00	4852.00

487602.00	6765209.00	183.86	979235.83	27.44	10.50	8.96	6.88	148.00	4876.00	7652.00	0.00	0.00	ACUITIAS
487603.00	6765412.00	185.14	979235.67	27.83	10.76	9.21	7.12	148.00	4876.00	7654.00	0.00	0.00	ACUITIAS
487613.00	6765805.00	185.38	979235.23	27.73	10.64	9.09	6.99	148.00	4876.00	7658.00	0.00	0.00	ACUITIAS
487607.00	6766216.00	186.03	979235.09	28.98	11.83	10.27	8.17	148.00	4876.00	7662.00	0.00	0.00	ACUITIAS
487610.00	6766609.00	188.06	979236.01	29.90	12.56	10.99	8.86	148.00	4876.00	7666.00	0.00	0.00	ACUITIAS
487609.00	6767003.00	191.92	979235.39	30.74	13.05	11.44	9.27	148.00	4876.00	7670.00	0.00	0.00	ACUITIAS
487608.00	6767409.00	198.40	979234.65	32.29	14.00	12.34	10.09	247.00	4876.00	7674.00	0.00	0.00	ACUITIAS
487604.00	6767793.00	200.51	979235.28	33.83	15.35	13.67	11.40	247.00	4876.00	7678.00	0.00	0.00	ACUITIAS
487606.00	6768205.00	200.53	979236.00	34.84	16.36	14.68	12.41	247.00	4876.00	7682.00	0.00	0.00	ACUITIAS
487607.00	6768602.00	200.82	979235.79	34.99	16.48	14.80	12.53	247.00	4876.00	7686.00	0.00	0.00	ACUITIAS
487599.00	6769000.00	199.95	979235.83	35.05	16.62	14.94	12.68	247.00	4876.00	7690.00	0.00	0.00	ACUITIAS
487607.00	6769408.00	197.88	979236.15	35.01	16.77	15.11	12.87	245.00	4876.00	7694.00	0.00	0.00	ACUITIAS
488404.00	6759005.00	183.00	979225.90	12.94	-3.93	-5.46	-7.53	336.00	4884.00	7590.00	0.00	0.00	ACUITIAS
488407.00	6759407.00	184.03	979225.97	13.60	-3.36	-4.90	-6.99	336.00	4884.00	7594.00	0.00	0.00	ACUITIAS
488407.00	6759805.00	185.37	979225.67	13.99	-3.09	-4.65	-6.74	336.00	4884.00	7598.00	0.00	0.00	ACUITIAS
488393.00	6760204.00	187.87	979225.63	15.00	-2.31	-3.89	-6.01	336.00	4884.00	7602.00	0.00	0.00	ACUITIAS
488407.00	6760604.00	192.10	979226.50	16.48	-1.24	-2.85	-5.02	147.00	4884.00	7606.00	0.00	0.00	ACUITIAS
488404.00	6761013.00	192.60	979226.71	18.11	-0.06	-1.26	-3.44	147.00	4884.00	7610.00	0.00	0.00	ACUITIAS
488405.00	6761411.00	190.72	979228.12	19.22	1.64	0.04	-2.12	148.00	4884.00	7614.00	0.00	0.00	ACUITIAS
488402.00	6761804.00	189.50	979227.87	19.82	2.26	0.66	-1.48	148.00	4884.00	7618.00	0.00	0.00	ACUITIAS
488399.00	6769412.00	200.60	979234.48	34.18	15.69	14.01	11.74	247.00	4884.00	7694.00	0.00	0.00	ACUITIAS
488395.00	6769805.00	198.10	979235.33	34.54	16.28	14.62	12.38	247.00	4884.00	7698.00	0.00	0.00	ACUITIAS
488400.00	6770217.00	194.85	979235.89	34.37	16.42	14.76	12.58	247.00	4884.00	7702.00	0.00	0.00	ACUITIAS
488406.00	6770615.00	192.66	979235.96	34.05	16.29	14.68	12.50	247.00	4884.00	7706.00	0.00	0.00	ACUITIAS
488404.00	6771003.00	198.13	979233.23	33.27	15.01	13.35	11.11	247.00	4884.00	7710.00	0.00	0.00	ACUITIAS
488410.00	6771408.00	197.88	979233.27	33.51	15.28	13.62	11.38	247.00	4884.00	7714.00	0.00	0.00	ACUITIAS
488406.00	6771814.00	197.13	979234.27	34.57	16.40	14.75	12.52	247.00	4884.00	7718.00	0.00	0.00	ACUITIAS
488396.00	6772209.00	196.32	979234.65	34.97	16.89	15.23	13.01	247.00	4884.00	7722.00	0.00	0.00	ACUITIAS
488406.00	6772599.00	193.29	979235.23	34.89	17.07	15.45	13.27	247.00	4884.00	7726.00	0.00	0.00	ACUITIAS
488408.00	6773015.00	191.50	979235.52	34.95	17.29	15.68	13.51	247.00	4884.00	7730.00	0.00	0.00	ACUITIAS
488409.00	6773414.00	192.91	979235.32	35.42	17.64	16.03	13.84	247.00	4884.00	7734.00	0.00	0.00	ACUITIAS
488396.00	6773802.00	196.16	979234.56	35.94	17.86	16.21	13.99	247.00	4884.00	7738.00	0.00	0.00	ACUITIAS
488399.00	6774209.00	199.40	979233.39	36.05	17.67	16.00	13.75	247.00	4884.00	7742.00	0.00	0.00	ACUITIAS
488402.00	6774607.00	203.03	979233.54	35.60	16.89	15.19	12.89	247.00	4884.00	7746.00	0.00	0.00	ACUITIAS
488405.00	6775005.00	205.79	979230.71	35.89	16.92	15.20	12.87	247.00	4884.00	7750.00	0.00	0.00	ACUITIAS
488402.00	6775409.00	204.06	979231.11	36.04	17.23	15.52	13.21	247.00	4884.00	7754.00	0.00	0.00	ACUITIAS
488403.00	6775814.00	200.20	979230.57	36.44	17.43	15.71	13.37	247.00	4884.00	7758.00	0.00	0.00	ACUITIAS
488404.00	6776212.00	209.56	979229.49	36.68	17.36	15.61	13.23	247.00	4884.00	7762.00	0.00	0.00	ACUITIAS
488399.00	6776615.00	214.06	979227.87	36.99	17.26	15.47	13.05	247.00	4884.00	7766.00	0.00	0.00	ACUITIAS
488404.00	6776994.00	222.27	979225.81	37.46	16.98	15.11	12.60	247.00	4884.00	7770.00	0.00	0.00	ACUITIAS
488408.00	6777412.00	225.53	979224.11	37.05	16.26	14.37	11.82	247.00	4884.00	7774.00	0.00	0.00	ACUITIAS
488422.00	6777804.00	231.00	979222.87	36.79	15.49	13.56	10.94	245.00	4884.00	7778.00	0.00	0.00	ACUITIAS
488395.00	6778204.00	227.14	979222.17	36.16	15.22	13.32	10.75	247.00	4884.00	7782.00	0.00	0.00	ACUITIAS
488400.00	6778598.00	221.57	979222.61	35.15	14.73	12.87	10.37	247.00	4884.00	7786.00	0.00	0.00	ACUITIAS
488404.00	6778997.00	217.22	979222.71	34.19	14.17	12.35	9.88	247.00	4884.00	7790.00	0.00	0.00	ACUITIAS
488399.00	6779409.00	212.81	979222.85	33.25	13.64	11.85	9.44	247.00	4884.00	7794.00	0.00	0.00	ACUITIAS
488410.00	6779812.00	210.26	979222.35	32.26	13.16	11.43	9.09	247.00	4884.00	7798.00	0.00	0.00	ACUITIAS
488407.00	6780217.00	207.67	979222.18	31.55	12.41	10.67	8.32	247.00	4884.00	7802.00	0.00	0.00	ACUITIAS
488401.00	6780601.00	208.15	979220.83	30.63	11.44	9.70	7.34	247.00	4884.00	7806.00	0.00	0.00	ACUITIAS
488404.00	6781003.00	206.51	979220.57	30.14	11.10	9.37	7.04	247.00	4884.00	7810.00	0.00	0.00	ACUITIAS
488399.00	6781415.00	208.38	979219.61	30.03	10.83	9.08	6.72	154.00	4884.00	7814.00	0.00	0.00	ACUITIAS
488390.00	6781807.00	208.07	979218.47	29.07	9.89	8.15	5.79	154.00	4884.00	7818.00	0.00	0.00	ACUITIAS
488398.00	6782210.00	207.06	979217.73	28.39	9.22	7.48	5.14	148.00	4884.00	7822.00	0.00	0.00	ACUITIAS
488394.00	6782607.00	208.80	979216.53	27.91	8.67	6.92	4.56	154.00	4884.00	7826.00	0.00	0.00	ACUITIAS
488392.00	6783011.00	210.45	979215.36	27.53	8.13	6.37	3.99	154.00	4884.00	7830.00	0.00	0.00	ACUITIAS
488392.00	6783405.00	205.58	979216.01	26.96	8.01	6.29	3.96	154.00	4884.00	7834.00	0.00	0.00	ACUITIAS
488387.00	6783806.00	197.31	979216.66	25.32	7.14	5.48	3.25	154.00	4884.00	7838.00	0.00	0.00	ACUITIAS
488392.00	6784205.00	193.77	979216.38	23.90	6.13	4.52	2.34	154.00	4884.00	7842.00	0.00	0.00	ACUITIAS
488383.00	6784613.00	188.89	979215.81	22.43	5.02	3.44	1.30	154.00	4884.00	7846.00	0.00	0.00	ACUITIAS
488387.00	6784994.00	188.44	979214.71	21.46	4.09	2.51	0.38	154.00	4884.00	7850.00	0.00	0.00	ACUITIAS
489199.00	6765615.00	200.58	979225.00	19.60	0.65	-1.07	-3.44	148.00	4892.00	7626.00	0.00	0.00	ACUITIAS
489204.00	6762999.00	206.01	979224.07	20.98	1.99	0.27	-2.06	148.00	4892.00	7630.00	0.00	0.00	ACUITIAS
489199.00	6763401.00	201.30	979226.24	21.98	3.42	1.74	-0.54	148.00	4892.00	7634.00	0.00	0.00	ACUITIAS
489199.00	6763799.00	196.13	979228.08	22.49	4.42	2.77	0.55	148.00	4892.00	7638.00	0.00	0.00	ACUITIAS
489201.00	6764202.00	190.90	979230.01	23.10	5.51	3.91	1.75	148.00	4892.00	7642.00	0.00	0.00	ACUITIAS
489200.00	6764620.00	187.10	979231.03	23.70	6.45	4.88	2.77	148.00	4892.00	7646.00	0.00	0.00	ACUITIAS
489186.00	6765020.00	184.52	979232.59	24.25	7.24	5.69	3.60	148.00	4892.00	7650.00	0.00	0.00	ACUITIAS
489193.00	6765406.00	184.60	979232.51	24.52	7.50	5.95	3.86	148.00	4892.00	7654.00	0.00	0.00	ACUITIAS
489200.00	6765804.00	184.92	979232.61	24.97	7.93	6.38	4.28	148.00	4892.00	7658.00	0.00	0.00	ACUITIAS
489192.00	6766214.00	188.14	979232.11	25.74	8.40	6.82	4.70	148.00	4892.00	7662.00	0.00	0.00	ACUITIAS
489198.00	6766599.00	192.63	979231.60	26.80	9.13	7.52	5.34	148.00	4892.00	7666.00	0.00	0.00	ACUITIAS
489197.00	6766998.00	193.49	979231.98	27.81	9.98	8.36	6.17	148.00	4892.00	7670.00	0.00	0.00	ACUITIAS
489196.00	6767402.00	195.56	979232.62	29.37	11.34	9.70	7.49	148.00	4892.00	7674.00	0.00	0.00	ACUITIAS
489204.00	6767802.00	197.71	979232.83	30.52	12.30	10.64	8.41	148.00	4892.00	7678.00	0.00	0.00	ACUITIAS
489202.00	6768212.00	201.75	979232.54	31.75	13.16	11.47	9.19	148.00	4892.00	7682.00	0.00	0.00	ACUITIAS
489192.00	6768598.00	202.29	979232.94	32.87	14.23	12.53	10.25	148.00	4892.00	7690.00	0.00	0.00	ACUITIAS
489199.00	6768995.00	203.44	979233.05	33.19	14.76	13.06	10.82	245.00	4892.00	7694.00	0.00	0.00	ACUITIAS
489997.00	6759205.00	189.76	979221.99	11.26	-6.23	-7.82	-9.97	135.00	4900.00	7592.00	0.00	0.00	ACUITIAS
490000.00	6759603.00	189.97	979222.46	12.07	-5.44	-7.04	-9.18	135.00	4900.00	7596.00	0.00	0.00	ACUITIAS
489997.00	6760002.00	193.44	979222.05	13.00	-4.83	-6.45	-8.64	135.00	4900.00	7600.00	0.00	0.00	ACUITIAS
489997.00	6760413.00	193.78	979222.80	14.15	-3.71	-5.34	-7.53	147.00	4900.00	7604.00	0.00	0.00	ACUITIAS
489996.00	6760805.00	194.62	979223.60	15.48	-2.46	-4.09	-6.29	147.00	4900.00	7608.00	0.00	0.00	ACUITIAS
490005.00	6761216.00	196.14	979224.45	17.08	-1.00	-2.64	-4.85	147.00	4900.00	7612.00	0.00	0.00	ACUITIAS
490004.00	6761602.00	198.44	979224.28	17.89	-0.41	-2.07	-4.31	148.00	4900.00	7616.00	0.00	0.00	ACUITIAS
489998.00	6767167.00	192.34	979233.54	29.34	11.61	10.00	7.82	159.00	4900.00	7672.00	0.00	0.00	ACUITIAS
489999.00	6767566.00	196.68	979233.52	30.87	12.74	11.09	8.87	159.00	4900.00	7678.00	0.00	0.00	ACUITIAS
489998.00	6768208.00	201.20	979233.04	32.09	13.55	11.86	9.59	246.00	4900.00	7682.00	0.00	0.00	ACUITIAS
490004.00	6768612.00	200.76	979232.32	33.36	14.31	12.57	10.23	246.00	4900.00	7686.00	0.00	0.00	ACUITIAS
489989.00	6769010.00	204.30	979233.13	33.69	14.86	13.15	10.84	246.00	4900.00	7690.00	0.00	0.00	ACUITIAS
490009.00	6769404.00	202.82	979233.33	33.71	15.01	13.31	11.02	246.00	4900.00	7694.00	0.00	0.00	ACUITIAS
490006.00	6769800.00	201.61	979234.15	34.43	15.85	14.16	11.88	246.00	4900.00	7698.00	0.00	0.00	ACUITIAS
490006.00	6770196.00	202.14	979233.09	33.81	15.18	13.49	11.20	246.00	4900.00	7702.00	0.00	0.00	ACUITIAS
489999.00	6770601.00	200.19	979232.35	32.75	14.30	12.62	10.36	246.00	4900.00	7706.00	0.00	0.00	ACUITIAS
490004.00	6771003.00	198.97	979232.44	32.74	14.49	12.73	10.48	246.00	4900.00	7710.00	0.00	0.00	ACUITIAS
490004.00	6771401.00	199.26	979232.14	32.81	14.44	12.77	10.52	246.00	4900.00	7714.00	0.00	0.00	ACUITIAS
490004.00	6771798.00	203.20	979232.80	33.05	14.32	12.62	10.32	246.00	4900.00	7718.00	0.00	0.00	ACUITIAS
490007.00	6772197.00	203.12	979231.32	33.73	15.01	13.31	11.01	246.00	4900.00	7722.00	0.00	0.00	ACUITIAS
490007.00	6772606.00	199.61	979233.07	34.68	16.29	14.61	12.36	246.00	4900.00	7726.00	0.00	0.00	ACUITIAS
490007.00	6773009.00	198.39	979233.19	34.67	16.39	14.71	12.46	246.00	4900.00	7730.00	0.00	0.00	ACUITIAS
490005.00	6773411.00	198.16	979232.78	34.51	16.24	14.58	12.34	246.00	4900.00	7734.00	0.00	0.00	ACUITIAS
489999.00	6773806.00	196.11	979233.35	34.72	16.64	15.00	12.78	246.00	4900.00	7738.00	0.00	0.00	ACUITIAS
490010.00	6774202.00	199.74	979232.47	35.22	16.81	15.14	12.85	246.00	4900.00	7742.00	0.00	0.00	ACUITIAS
490004.00	6774605.00	201.42	979231.72	35.27	16.71	15.02	12.74	246.00	4900.00	7746.00	0.00	0.00	ACUITIAS
490017.00	6775002.00	204.00	979230.50	35.12	16.32	14.61	12.30	246.00	4900.00	7750.00	0.00	0.00	ACUITIAS
490005.00	6775404.00	207.22	979229.09	34.99	15.89	14.16	11.81	246.00	4900.00	7754.00	0.00	0.00	ACUITIAS
489997.00	6775806.00	209.93	979228.85	35.07	15.72	13.96	11.59	246.00	4900.00	7758.00	0.00	0.00	ACUITIAS
489996.00	6776204.00	213.23	979227.09	35.49	15.75	13.96	11.55	246.00	4900.00	7762.00	0.00	0.00	ACUITIAS
490005.00	6776599.00	218.52	979225.18	35.40	15.26	13.43	10.96	246.00	4900.00	7766.00	0.00	0.00	ACUITIAS
490009.00	6777008.00	221.53	979223.66	35.09	14.67	12.82	10.31	246.00	4900.00	7770.00	0.00	0.00	ACUITIAS
490006.00	6777404.00	219.04	979224.04	34.97	14.79	12.95	10.47	246.00	4900.00	7774.00	0.00	0.00	ACUITIAS
490011.00	6777811.00	217.48	979223.85	34.58	14.54	12.72	10.26	246.00	4900.00	7778.00	0.00	0.00	ACUITIAS
490005.00	6778198.00	219.74	979222.72	34.42	14.16	12.32	9.84	246.00	4900.00	7782.00	0.00	0.00	ACUITIAS
490005.00	6778617.00	219.96	979221.92	33.98	13.71	11.86	9.38	246.00	4900.00	7786.00	0.00	0.00	ACUITIAS
490011.00	6779013.00	217.41	979221.92	33.47	13.43	11.61	9.15	246.00	4900.00	7790.00	0.00	0.00	ACUITIAS
490008.00	6779408.00	215.54	979221.77	33.01	13.14	11.34	8.90	246.00	4900.00	7794.00	0.00	0.00	ACUITIAS
490000.00	6779810.00	214.43	979221.73	32.91	13.15	11.35	8.93	246.00	4900.00	7798.00	0.00	0.00	ACUITIAS
490010.00	6780203.00	213.88	979221.04	32.32	12.61	10.82	8.40	246.00	4900.00	7802.00	0.00	0.00	ACUITIAS
490004.00	6780612.00	214.68	979220.24	31.74	12.02	10.22	7.80	246.00	4900.00	7806.00	0.00	0.00	ACUITIAS
490000.00	6781010.00	210.44	979220.00	30.78	11.39	9.62	7.24	246.00	4900.00	7810.00	0.00	0.00	ACUITIAS
490010.00	6781409.00	210.39	979219.12	30.16	10.77	9.01	6.63	246.00	4900.00	7814.00	0.00	0.00	ACUITIAS
490010.00	6781804.00	211.25	979217.87	29.45	9.98	8.21	5.82	246.00	4900.00	7818.00	0.00	0.00	ACUITIAS
490011.00	6782210.00	216.60	979215.47	28.99	9.02	7.21	4.76	246.00	4900.00	7822.00	0.00	0.00	ACUITIAS
490018.00	6782608.00	214.77	979214.52	27.74	7.95	6.15	3.72	246.00	4900.00	7826.00	0.00	0.00	ACUITIAS
490004.00	6783004.00	211.60	979214.07	26.59	7.08	5.31	2.92	246.00	4900.00	7830.00	0.00	0.00	ACUITIAS
490007.00	6783411.00	206.31	979215.26	24.90	6.34	4.65	2.37	246.00	4900.00	7834.00	0.00	0.00	ACUITIAS
490008.00	6783796.00	199.38	979215.35	24.03	5.84	4.19	1.95	246.00	4900.00	7838.00	0.00	0.00	ACUITIAS
490015.00	6784200.00	194.13	979214.66	22.62	4.72	3.10	0.90	246.00	4900.00	7842.00	0.00	0.00	ACUITIAS
490010.00	6784608.00	192.78	979213.98	21.80	4.03	2.41	0.23	246.00	4900.00	7846.00	0.00	0.00	ACUITIAS
490001.00	6785002.00	188.68	979213.41	20.24	2.85	1.27	-0.87	246.00	4900.00	7850.00	0.00	0.00	ACUITIAS
490798.00	6761610.00	203.86	979221.18	16.47	-2.32	-4.03	-6.33	148.00	4908.00	7616.00	0.00	0.00	ACUITIAS
490793.00	6762011.00	207.35	979220.58	17.22	-1.89	-3.63	-5.97	148.00	4908.00	7620.00	0.00	0.00	ACUITIAS
490797.00	6762407.00	204.53	979221.37	17.42	-1.43	-3.15	-5.46	148.00	4908.00	7624.00	0.00	0.00	ACUITIAS
490797.00	6762824.00	198.47	979223.63	18.10	-0.19	-1.86	-4.10	148.00	4908.00	7628.00	0.00	0.00	ACUITIAS
490803.00	6763207.00	194.03	979225.61	19.15	1.21	-0.42	-2.62	148.00	4908.00	7632.00	0.00	0.00	ACUITIAS
490791.00	6763628.00	191.33	979226.54	20.34	2.71	0.11	-1.04	148.00	4908.00	7636.00	0.00	0.00	ACUITIAS
490800.00	6763999.00	188.95	979227.16	19.51	2.09	0.51	-1.63	148.00	4908.00	7640.00	0.00	0.00	ACUITIAS
490805.00	6764405.00	189.37	979226.18	18.76	1.38	-0.20	-2.43	148.00	4908.00	7644.00	0.00	0.00	ACUITIAS
490801.00	6764822.00	188.43	979226.72	19.47	2.11	0.53	-1.60	148.00	4908.00	7648.00	0.00	0.00	ACUITIAS
490802.00	6765205.00	186.95	979228.23	20.79	3.56	2.00	-0.12	148.00	4908.00	7652.00	0.00	0.00	ACUITIAS
490803.00	6765605.00	189.69	979229.23	22.92	5.43	3.84	1.70	148.00	4908.00	7656.00	0.00	0.00	ACUITIAS
490790.00	6765997.00	191.50	979229.86	24.38	6.73	5.12	2.96	148.00	4908.00	7660.00	0.00	0.00	ACUITIAS
490798.00	6766403.00	191.15	979231.53	26.22	8.60	7.00	4.84	148.00	4908.00	7664.00	0.00	0.00	ACUITIAS
490813.00	6766801.00	191.04	979232.82	27.76	10.15	8.55	6.39	148.00	4908.00	7668.00	0.00	0.00	ACUITIAS
490808.00	6767224.00	193.13	979232.89	28.77	10.97	9.35	7.16	148.00	4908.00	7672.00	0.00	0.00	ACUITIAS
490794.00	6767611.00	196.52	979232.57	29.90	11.79	10.14	7.92	245.00	4908.00	7676.00	0.00	0.00	ACUITIAS
490786.00	6767811.00	198.57	979232.57	30.53	12.23	10.57	8.32	245.00	4908.00	7678.00	0.00	0.00	ACUITIAS
490784.00	6768283.00	204.91	979231.59	31.84	12.95	11.23	8.92	159.00	4908.00	7682.00	0.00	0.00	ACUITIAS
490793.00	6768792.00	208.53	979231.63	33.54	14.12	12.36	10.02	159.00	4908.00	7688.00	0.00	0.00	ACUITIAS
490810.00	6769263.00	208.52	979232.16	34.20	14.98	13.23	10.87	159.00	4908.00	7692.00	0.00	0.00	ACUITIAS
490789.00	6769736.00	209.30	979231.63	34.24	14.95	13.20	10.83	159.00	4908.00	7698.00	0.00	0.00	ACUITIAS
490809.00	6770335.00	205.25	979231.61	33.38	14.47	12.75	10.42	159.00	4908.00	7704.00	0.00	0.00	ACUITIAS
491591.00	6766679.00	194.06	979231.10	26.89	9.00	7.38	5.18	159.00	4915.00	7666.00	0.00	0.00	ACUITIAS
491508.00	6767248.00	195.37	979231.55	28.13	10.12	8.49	6.28	159.00	4915.00	7672.00	0.00	0.00	ACUITIAS
491596.00	6767590.00	199.12	979230.86	28.87	-7.48	-9.15	-11.41	336.00	4916.00	7590.00	0.00	0.00	ACUITIAS
491596.00	6759400.00	198.44	979218.81	10.89	-7.40	-9.06	-11.31	336.00	4916.00	7594.00	0.00	0.00	ACUITIAS
491596.00	6759801.00	199.34	979218.61	11.50	-6.78	-8.45	-10.68	336.00	4916.00	7598.00	0.00	0.00	ACUITIAS
491592.00	6760197.00	199.93	979219.32	12.41	-6.02	-7.69	-9.95	336.00	4916.00	7602.00	0.00	0.00	ACUITIAS
491593.00	6767611.00	197.93	979231.96	29.58	11.34	9.68	7.44	245.00	4916.00	7676.00	0.00	0.00	ACUITIAS
491605.00	6768019.00	203.35	979230.73	30.31	11.57	9.86	7.56	245.00	4916.00	7680.00	0.00	0.00	ACUITIAS
491598.00	6768414.00	205.63	979231.22	31.78	12.82	11.10	8.77	245.00	4916.00	7684.00	0.00	0.00	ACUITIAS
491593.00	6768811.00	207.21	979231.35	32.67	13.57	11.83	9.49	245.00	4916.00	7688.00	0.00	0.00	ACUITIAS
491593.00	6769193.00	210.39	979230.58	33.15	13.76	12.00	9.62	245.00	4916.00	7692.00	0.00	0.00	ACUITIAS
491608.00	6769592.00	210.44	979230.34	33.21	13.81	12.05	9.66	245.00	4916.00	7696.00	0.00	0.00	ACUITIAS
491609.00	6770019.00	209.31	979230.70	33.51	14.22	12.46	10.10	245.00	4916.00	7700.00	0.00	0.00	ACUITIAS
491615.00	6770406.00	206.82	979230.43	32.73	13.67	11.94	9.60	159.00	4916.00	7704.00	0.00	0.00	ACUITIAS
491614.00	6770786.00	204.71	979230.34	32.26	13.39	11.67	9.36	245.00	4916.00	7708.00	0.00	0.00	ACUITIAS
491609.00	6771211.00	207.04	979229.71	32.64	13.58	11.83	9.48	245.00	4916.00	7712.00	0.00	0.00	ACUITIAS
491610.00	6771610.00	208.61	979229.38	33.07	13.84	12.10	9.74	245.00	4916.00	7716.00	0.00	0.00	ACUITIAS
491602.00	6772013.00	212.42	979228.89	34.05	14.47	12.69	10.28	245.00	4916.00	7720.00	0.00	0.00	ACUITIAS
491609.00	6772428.00	212.41

493993.00	6778406.00	190.04	979227.81	30.49	12.97	11.38	9.23	154.00	4940.00	7784.00	0.00	ACUITIAS
493992.00	6778807.00	194.41	979226.15	30.46	12.54	10.91	8.71	154.00	4940.00	7788.00	0.00	ACUITIAS
494014.00	6779203.00	198.17	979224.38	30.12	11.85	10.19	7.95	154.00	4940.00	7792.00	0.00	ACUITIAS
494007.00	6779600.00	197.70	979223.50	29.37	11.14	9.49	7.25	154.00	4940.00	7796.00	0.00	ACUITIAS
493993.00	6780399.00	201.19	979220.76	28.26	9.71	8.03	5.75	153.00	4940.00	7804.00	0.00	ACUITIAS
494000.00	6780803.00	199.31	979218.97	26.17	7.80	6.13	3.88	154.00	4940.00	7808.00	0.00	ACUITIAS
494002.00	6781207.00	193.41	979218.55	24.21	6.38	4.76	2.58	154.00	4940.00	7812.00	0.00	ACUITIAS
494007.00	6781590.00	188.61	979218.25	22.69	5.31	3.73	1.60	154.00	4940.00	7816.00	0.00	ACUITIAS
494000.00	6781995.00	185.06	979217.81	21.44	4.38	2.83	0.74	154.00	4940.00	7820.00	0.00	ACUITIAS
494004.00	6782406.00	190.54	979215.02	20.63	3.06	1.47	-0.69	154.00	4940.00	7824.00	0.00	ACUITIAS
493998.00	6782804.00	207.76	979210.00	21.19	2.04	0.30	-2.05	154.00	4940.00	7828.00	0.00	ACUITIAS
493997.00	6783202.00	189.91	979213.59	19.55	2.04	0.45	-1.76	154.00	4940.00	7832.00	0.00	ACUITIAS
494000.00	6783599.00	181.69	979213.90	17.60	0.85	-0.67	-2.73	154.00	4940.00	7836.00	0.00	ACUITIAS
494005.00	6783999.00	176.37	979213.16	15.50	-0.76	-2.24	-4.23	154.00	4940.00	7840.00	0.00	ACUITIAS
493999.00	6784397.00	174.75	979211.93	14.04	-2.07	-3.53	-5.51	154.00	4940.00	7844.00	0.00	ACUITIAS
493995.00	6784812.00	171.22	979211.61	12.92	-2.86	-4.30	-6.24	154.00	4940.00	7848.00	0.00	ACUITIAS
494005.00	6785207.00	172.48	979210.38	12.35	-3.55	-5.00	-6.95	154.00	4940.00	7852.00	0.00	ACUITIAS
495595.00	6759003.00	204.59	979215.57	9.35	-10.50	-11.22	-13.53	147.00	4956.00	7590.00	0.00	ACUITIAS
495600.00	6759406.00	211.76	979214.94	11.13	-8.39	-10.17	-12.56	147.00	4956.00	7594.00	0.00	ACUITIAS
495595.00	6759806.00	213.22	979214.56	11.87	-7.78	-9.57	-11.96	147.00	4956.00	7598.00	0.00	ACUITIAS
495584.00	6760183.00	212.12	979215.08	11.92	-7.63	-9.41	-11.80	147.00	4956.00	7602.00	0.00	ACUITIAS
495591.00	6760581.00	211.53	979215.56	12.49	-7.01	-8.78	-11.17	147.00	4956.00	7606.00	0.00	ACUITIAS
495594.00	6760994.00	213.32	979215.86	13.02	-6.46	-8.23	-10.62	147.00	4956.00	7610.00	0.00	ACUITIAS
495599.00	6761403.00	210.68	979215.98	13.22	-6.20	-7.96	-10.34	153.00	4956.00	7614.00	0.00	ACUITIAS
495603.00	6761807.00	209.15	979216.55	13.60	-5.68	-7.43	-9.79	153.00	4956.00	7618.00	0.00	ACUITIAS
495601.00	6762204.00	207.49	979217.41	14.23	-4.90	-6.64	-8.98	153.00	4956.00	7622.00	0.00	ACUITIAS
495602.00	6762607.00	208.09	979218.89	15.37	-3.81	-5.55	-7.90	153.00	4956.00	7626.00	0.00	ACUITIAS
495609.00	6763022.00	209.55	979218.57	15.94	-3.37	-5.13	-7.50	153.00	4956.00	7630.00	0.00	ACUITIAS
495603.00	6763410.00	210.64	979217.74	16.37	-3.05	-4.81	-7.20	153.00	4956.00	7634.00	0.00	ACUITIAS
495601.00	6763810.00	211.31	979217.54	16.65	-2.83	-4.60	-6.99	153.00	4956.00	7638.00	0.00	ACUITIAS
495612.00	6764209.00	210.76	979218.57	17.79	-1.64	-3.40	-5.75	153.00	4956.00	7642.00	0.00	ACUITIAS
495606.00	6764615.00	214.20	979218.32	18.88	-0.86	-2.66	-5.08	153.00	4956.00	7646.00	0.00	ACUITIAS
495598.00	6765007.00	219.45	979217.10	19.56	-0.67	-2.51	-4.99	153.00	4956.00	7650.00	0.00	ACUITIAS
495598.00	6765806.00	216.55	979218.83	20.94	0.98	-0.93	-3.28	153.00	4956.00	7658.00	0.00	ACUITIAS
495605.00	6766215.00	212.08	979220.41	21.43	1.88	0.11	-2.29	153.00	4956.00	7662.00	0.00	ACUITIAS
495609.00	6766611.00	210.50	979221.21	22.02	2.62	0.85	-1.53	153.00	4956.00	7666.00	0.00	ACUITIAS
495613.00	6767010.00	208.15	979222.52	22.88	3.70	1.95	-0.40	153.00	4956.00	7670.00	0.00	ACUITIAS
495602.00	6767400.00	203.38	979224.37	23.53	4.78	3.08	0.78	153.00	4956.00	7674.00	0.00	ACUITIAS
495601.00	6767798.00	204.76	979226.18	24.76	6.18	4.49	2.21	153.00	4956.00	7678.00	0.00	ACUITIAS
495603.00	6768212.00	201.71	979226.78	25.99	7.40	5.71	3.43	153.00	4956.00	7682.00	0.00	ACUITIAS
495602.00	6768602.00	204.38	979226.86	27.16	8.33	6.61	4.30	153.00	4956.00	7686.00	0.00	ACUITIAS
495603.00	6769006.00	206.60	979227.34	28.45	9.46	7.73	5.40	153.00	4956.00	7690.00	0.00	ACUITIAS
495604.00	6769399.00	205.79	979227.70	28.99	10.03	8.30	5.97	153.00	4956.00	7694.00	0.00	ACUITIAS
495597.00	6769807.00	207.13	979227.85	29.84	10.75	9.01	6.67	153.00	4956.00	7698.00	0.00	ACUITIAS
495596.00	6770211.00	209.02	979227.56	30.42	11.15	9.40	7.01	153.00	4956.00	7702.00	0.00	ACUITIAS
495606.00	6770602.00	210.02	979227.31	30.74	11.39	9.63	7.25	153.00	4956.00	7706.00	0.00	ACUITIAS
495597.00	6771005.00	206.54	979228.63	31.27	12.23	10.56	8.16	154.00	4956.00	7710.00	0.00	ACUITIAS
495604.00	6771422.00	214.12	979226.56	31.83	12.09	10.30	7.87	154.00	4956.00	7714.00	0.00	ACUITIAS
495590.00	6771818.00	208.62	979228.12	31.96	12.74	10.99	8.63	154.00	4956.00	7718.00	0.00	ACUITIAS
495596.00	6772205.00	209.19	979228.63	31.99	12.99	11.26	8.93	154.00	4956.00	7722.00	0.00	ACUITIAS
495605.00	6772613.00	216.46	979225.72	32.54	12.58	10.77	8.32	153.00	4956.00	7726.00	0.00	ACUITIAS
495600.00	6773008.00	233.11	979221.25	33.48	11.99	10.04	7.40	154.00	4956.00	7730.00	0.00	ACUITIAS
495603.00	6773409.00	231.59	979221.25	33.28	11.94	10.00	7.38	154.00	4956.00	7734.00	0.00	ACUITIAS
495611.00	6773829.00	218.66	979224.10	32.43	12.28	10.45	7.97	154.00	4956.00	7738.00	0.00	ACUITIAS
495596.00	6774202.00	212.04	979226.16	32.71	13.17	11.39	8.99	155.00	4956.00	7742.00	0.00	ACUITIAS
495601.00	6774605.00	204.04	979227.80	32.49	13.54	11.82	9.50	154.00	4956.00	7746.00	0.00	ACUITIAS
495594.00	6774996.00	208.11	979227.02	32.91	13.73	11.99	9.63	154.00	4956.00	7750.00	0.00	ACUITIAS
495595.00	6775400.00	215.02	979224.81	33.39	13.49	11.68	9.24	154.00	4956.00	7754.00	0.00	ACUITIAS
495601.00	6775804.00	214.74	979224.69	33.18	13.39	11.59	9.16	154.00	4956.00	7758.00	0.00	ACUITIAS
495591.00	6776213.00	194.64	979229.89	32.47	14.53	12.90	10.70	154.00	4956.00	7762.00	0.00	ACUITIAS
495582.00	6776591.00	197.56	979229.38	33.13	14.91	13.26	11.02	154.00	4956.00	7766.00	0.00	ACUITIAS
495586.00	6777005.00	204.71	979227.52	33.76	14.89	13.18	10.86	154.00	4956.00	7770.00	0.00	ACUITIAS
495605.00	6777416.00	185.20	979231.35	31.85	14.78	13.23	11.14	154.00	4956.00	7774.00	0.00	ACUITIAS
495599.00	6777807.00	180.40	979230.64	29.93	13.30	11.79	9.75	154.00	4956.00	7778.00	0.00	ACUITIAS
495606.00	6778209.00	178.00	979229.73	28.58	12.17	10.68	8.66	154.00	4956.00	7782.00	0.00	ACUITIAS
495607.00	6778625.00	176.97	979228.75	27.55	11.23	9.75	7.75	154.00	4956.00	7786.00	0.00	ACUITIAS
495595.00	6779015.00	179.40	979227.24	27.09	10.55	9.04	7.01	154.00	4956.00	7790.00	0.00	ACUITIAS
495596.00	6779414.00	179.36	979226.04	26.12	9.59	8.09	6.06	154.00	4956.00	7794.00	0.00	ACUITIAS
495600.00	6779797.00	183.47	979222.03	25.65	8.73	7.26	5.20	154.00	4956.00	7798.00	0.00	ACUITIAS
495599.00	6780202.00	176.46	979220.83	20.56	4.30	2.82	0.82	154.00	4956.00	7802.00	0.00	ACUITIAS
495603.00	6780806.00	173.57	979218.07	17.33	1.33	-0.12	-2.09	154.00	4956.00	7808.00	0.00	ACUITIAS
495601.00	6781205.00	172.70	979216.89	16.15	0.24	-1.21	-3.16	154.00	4956.00	7812.00	0.00	ACUITIAS
495601.00	6781622.00	180.80	979214.02	16.08	-0.59	-2.10	-4.15	154.00	4956.00	7816.00	0.00	ACUITIAS
495610.00	6782017.00	177.13	979213.99	15.19	-1.14	-2.62	-4.63	154.00	4956.00	7820.00	0.00	ACUITIAS
495602.00	6782417.00	174.41	979213.78	14.42	-1.66	-3.12	-5.04	154.00	4956.00	7824.00	0.00	ACUITIAS
495605.00	6782817.00	173.50	979213.17	13.80	-2.19	-3.65	-5.61	154.00	4956.00	7828.00	0.00	ACUITIAS
495604.00	6783214.00	173.50	979213.34	13.13	-2.53	-3.95	-5.87	154.00	4956.00	7832.00	0.00	ACUITIAS
495602.00	6783614.00	168.12	979213.08	12.60	-2.89	-4.30	-6.20	154.00	4956.00	7836.00	0.00	ACUITIAS
495602.00	6784011.00	166.36	979212.86	12.11	-3.22	-4.61	-6.50	154.00	4956.00	7840.00	0.00	ACUITIAS
495602.00	6784409.00	168.34	979211.66	11.80	-3.72	-5.15	-7.03	154.00	4956.00	7844.00	0.00	ACUITIAS
495613.00	6784808.00	165.00	979211.53	10.91	-4.30	-5.68	-7.55	154.00	4956.00	7848.00	0.00	ACUITIAS
495605.00	6785200.00	167.12	979210.04	10.35	-5.05	-6.45	-8.34	154.00	4956.00	7852.00	0.00	ACUITIAS
496401.00	6785005.00	201.84	979215.50	8.34	-10.26	-11.95	-14.22	147.00	4964.00	7590.00	0.00	ACUITIAS
497211.00	6759209.00	200.20	979215.54	8.02	-10.43	-12.11	-14.37	147.00	4972.00	7592.00	0.00	ACUITIAS
497198.00	6759614.00	202.88	979215.31	8.90	-9.80	-11.50	-13.79	147.00	4972.00	7596.00	0.00	ACUITIAS
497133.00	6760005.00	203.57	979215.95	10.03	-8.73	-10.44	-12.74	147.00	4972.00	7600.00	0.00	ACUITIAS
497195.00	6760410.00	208.85	979214.83	10.82	-8.43	-10.18	-12.55	147.00	4972.00	7604.00	0.00	ACUITIAS
497198.00	6760809.00	214.51	979213.84	11.84	-7.93	-9.73	-12.16	147.00	4972.00	7608.00	0.00	ACUITIAS
497209.00	6761208.00	214.86	979214.26	12.66	-7.14	-8.94	-11.37	152.00	4972.00	7612.00	0.00	ACUITIAS
497212.00	6761611.00	215.91	979214.48	13.49	-6.42	-8.22	-10.67	147.00	4972.00	7616.00	0.00	ACUITIAS
497206.00	6761997.00	216.35	979214.64	14.05	-5.89	-7.70	-10.15	147.00	4972.00	7620.00	0.00	ACUITIAS
497209.00	6762418.00	215.99	979214.08	13.66	-6.24	-8.05	-10.50	147.00	4972.00	7624.00	0.00	ACUITIAS
497211.00	6762810.00	215.85	979213.79	13.61	-6.28	-8.09	-10.53	147.00	4972.00	7628.00	0.00	ACUITIAS
497168.00	6763206.00	210.55	979215.33	13.83	-5.58	-7.34	-9.72	147.00	4972.00	7632.00	0.00	ACUITIAS
497155.00	6764014.00	212.11	979216.61	16.11	-3.44	-5.22	-7.62	147.00	4972.00	7640.00	0.00	ACUITIAS
497207.00	6764403.00	212.84	979216.71	15.91	-3.69	-5.47	-7.84	147.00	4972.00	7644.00	0.00	ACUITIAS
497194.00	6765019.00	197.31	979222.43	18.06	-0.13	-1.78	-4.01	153.00	4972.00	7650.00	0.00	ACUITIAS
497207.00	6765423.00	202.80	979221.29	18.92	0.22	-1.48	-3.78	153.00	4972.00	7654.00	0.00	ACUITIAS
497187.00	6765816.00	203.29	979219.02	20.12	0.47	-1.33	-3.73	153.00	4972.00	7658.00	0.00	ACUITIAS
497197.00	6766199.00	199.81	979222.81	20.03	1.62	-0.06	-2.32	153.00	4972.00	7662.00	0.00	ACUITIAS
497205.00	6766612.00	203.09	979222.40	20.92	2.20	0.50	-1.79	153.00	4972.00	7666.00	0.00	ACUITIAS
497185.00	6766993.00	204.27	979222.14	21.29	2.46	0.75	-1.55	153.00	4972.00	7670.00	0.00	ACUITIAS
497222.00	6767402.00	198.87	979223.63	21.40	3.06	1.40	-0.85	153.00	4972.00	7674.00	0.00	ACUITIAS
497196.00	6767795.00	199.23	979224.29	22.44	4.08	2.41	0.16	153.00	4972.00	7678.00	0.00	ACUITIAS
497208.00	6768222.00	210.78	979222.57	24.58	5.15	3.39	1.00	153.00	4972.00	7682.00	0.00	ACUITIAS
497196.00	6768600.00	202.44	979225.56	25.26	6.60	4.90	2.61	153.00	4972.00	7686.00	0.00	ACUITIAS
497195.00	6769212.00	194.54	979228.37	25.91	7.98	6.35	4.15	153.00	4972.00	7690.00	0.00	ACUITIAS
497191.00	6769415.00	188.43	979230.54	26.49	9.12	7.54	5.41	153.00	4972.00	7694.00	0.00	ACUITIAS
497198.00	6769795.00	190.75	979229.98	26.91	9.32	7.72	5.57	153.00	4972.00	7698.00	0.00	ACUITIAS
497206.00	6770212.00	189.62	979227.86	27.01	9.41	7.74	5.48	153.00	4972.00	7702.00	0.00	ACUITIAS
497182.00	6770627.00	204.30	979226.20	27.80	9.06	7.34	5.03	153.00	4972.00	7706.00	0.00	ACUITIAS
497206.00	6771001.00	192.81	979228.73	27.13	9.36	7.74	5.56	153.00	4972.00	7710.00	0.00	ACUITIAS
497196.00	6771397.00	191.54	979229.63	27.91	10.25	8.65	6.48	153.00	4972.00	7714.00	0.00	ACUITIAS
497188.00	6771809.00	196.03	979229.72	29.67	11.60	9.96	7.74	153.00	4972.00	7718.00	0.00	ACUITIAS
497206.00	6772205.00	198.41	979229.36	30.32	12.03	10.37	8.13	153.00	4972.00	7722.00	0.00	ACUITIAS
497199.00	6772609.00	193.94	979230.00	29.86	11.98	10.36	8.16	153.00	4972.00	7726.00	0.00	ACUITIAS
497198.00	6773005.00	197.87	979228.99	30.34	12.11	10.45	8.21	255.00	4972.00	7730.00	0.00	ACUITIAS
497216.00	6773394.00	202.54	979227.56	30.78	12.11	10.41	8.12	255.00	4972.00	7734.00	0.00	ACUITIAS
497213.00	6773815.00	199.11	979228.77	31.06	12.71	11.04	8.79	255.00	4972.00	7738.00	0.00	ACUITIAS
497202.00	6774203.00	203.84	979227.23	31.25	12.46	10.75	8.45	255.00	4972.00	7742.00	0.00	ACUITIAS
497198.00	6774608.00	200.13	979227.56	30.71	12.27	10.59	8.33	255.00	4972.00	7746.00	0.00	ACUITIAS
497199.00	6775000.00	191.78	979228.41	29.26	11.59	9.98	7.81	255.00	4972.00	7750.00	0.00	ACUITIAS
497192.00	6775400.00	185.07	979229.25	28.31	11.25	9.70	7.60	255.00	4972.00	7754.00	0.00	ACUITIAS
497213.00	6775817.00	182.62	979229.28	27.87	11.04	9.51	7.44	255.00	4972.00	7758.00	0.00	ACUITIAS
497207.00	6776216.00	179.81	979230.48	28.48	11.91	10.40	8.37	255.00	4972.00	7762.00	0.00	ACUITIAS
497199.00	6776594.00	184.44	979228.63	28.24	11.34	9.79	7.71	255.00	4972.00	7766.00	0.00	ACUITIAS
497203.00	6777010.00	177.42	979229.57	27.38	11.03	9.54	7.54	255.00	4972.00	7770.00	0.00	ACUITIAS
497213.00	6777401.00	177.39	979229.24	27.32	10.97	9.49	7.48	255.00	4972.00	7774.00	0.00	ACUITIAS
497210.00	6777791.00	173.81	979229.49	26.73	10.71	9.26	7.29	255.00	4972.00	7778.00	0.00	ACUITIAS
497206.00	6778193.00	172.75	979227.60	24.80	8.88	7.43	5.47	255.00	4972.00	7782.00	0.00	ACUITIAS
497206.00	6778600.00	176.54	979224.73	23.38	7.11	5.63	3.63	255.00	4972.00	7786.00	0.00	ACUITIAS
497205.00	6779009.00	167.08	979222.81	19.09	3.69	2.29	0.40	254.00	4972.00	7794.00	0.00	ACUITIAS
497210.00	6779800.00	168.54	979220.52	17.53	1.99	0.58	-1.32	254.00	4972.00	7798.00	0.00	ACUITIAS
497198.00	6780197.00	173.23	979218.40	17.13	1.17	-0.29	-2.25	153.00	4972.00	7802.00	0.00	ACUITIAS
497215.00	6780598.00	165.92	979218.54	15.39	0.01	-1.38	-3.26	254.00	4972.00	7806.00	0.00	ACUITIAS
497207.00	6780992.00	164.33	979217.99	14.53	-0.62	-2.00	-3.86	254.00	4972.00	7810.00	0.00	ACUITIAS
497206.00	6781392.00	164.42	979217.68	14.25	-0.91	-2.28	-4.14	254.00	4972.00	7814.00	0.00	ACUITIAS
497220.00	6781805.00	168.79	979215.88	14.35	-1.20	-2.62	-4.53	254.00	4972.00	7818.00	0.00	ACUITIAS
497205.00	6782211.00	165.11	979216.41	14.03	-1.19	-2.57	-4.44	254.00	4972.00	7822.00	0.00	ACUITIAS
497215.00	6782606.00	165.27	979216.09	14.03	-1.20	-2.59	-4.46	254.00	4972.00	7826.00	0.00	ACUITIAS
497215.00	6783007.00	162.95	979216.20	13.71	-1.31	-2.68	-4.52	254.00	4972.00	7830.00	0.00	ACUITIAS
497207.00	6783412.00	163.87	979215.66	13.73	-1.38	-2.75	-4.60	254.00	4972.00	7834.00	0.00	ACUITIAS
497212.00	6783798.00	162.79	979215.71	13.71	-1.29	-2.66	-4.50	254.00	4972.00	7838.00	0.00	ACUITIAS
497208.00	6784189.00	159.62	979215.91	13.21	-1.50	-2.84	-4.65	254.00	4972.00	7842.00	0.00	ACUITIAS
497198.00	6784589.00	159.91	979215.36	13.02	-1.72	-3.06	-4.86	254.00	4972.00	7846.00	0.00	ACUITIAS
497198.00	6785006.00	150.38	979215.50	12.98	-1.62	-2.95	-4.74	254.00	4972.00	7850.00	0.00	ACUITIAS
498013.00	6765797.00	189.03	979222.90	16.52	-0.90	-2.49	-4.63	255.00	4980.00	7658.00	0.00	ACUITIAS
498026.00	6766199.00	183.43	979222.56	17.19	-0.45	-2.05	-4.22	255.00	4980.00	7662.00	0.00	ACUITIAS
498008.00	6766616.00	189.19	979223.38	17.62	0.18	-1.41	-3.55	255.00	4980.00	7666.00	0.00	ACUITIAS
498002.00	6767003.00	191.92	979223.05	18.39	0.70	-0.90	-3.07	255.00	4980.00	7670.00	0.00	ACUITIAS
498007.00	6767392.00	194.17	979223.28	19.59	1.70	0.07	-2.13	255.00	4980.00	7674.00	0.00	ACUITIAS
498007.00	6767806.00	198.72	979223.24	21.24	2.93	1.26	-0.98	255.00	4980.00	7678.00	0.00	ACUITIAS
497991.00	6768213.00	210.63	979221.54	23.50	4.08	2.32	-0.06	255.00	4980.00	7682.00	0.00	ACUITIAS
498020.00	6768602.00	198.86	979225.41	23.94	5.63	3.97	1.72	255.00	4980.00	7686.00	0.00	ACUITIAS
498004.00	6769002.00	187.16	979228.76	24.03	6.78	5.21	3.09	255.00	4980.00	7690.00	0.00	ACUITIAS
498009.00	6769415.00	184.84	979229.65	24.84	7.45	5.87	3.73	255.00	4980.00	7694.00	0.00	ACUITIAS
497999.00	6769800.00	181.59	979230.67	24.77	8.03	6.51	4.45	255.00	4980.00	7698.00	0.00	ACUITIAS
497995.00	6770193.00	188.12	979228.62	25.01	7.67	6.09	3.96	255.00	4980.00	7702.00	0.00	ACUITIAS
498008.00	6770595.00	186.98	979228.85	25.16	7.92	6.36	4.24	255.00	4980.00	7706.00	0.00	ACUITIAS
497998.00	6771007.00	191.83	979227.99	26.09	8.41	6.80	4.63	255.00	4980.00	7710.00	0.00	ACUITIAS
498020.00	6771410.00	187.95	979229.24	26.43	9.10	7.53	5.40	255.00	4980.00	7714.00	0.00	ACUITIAS
498006.00	6771811.00	189.56	979229.58	27.54	10.06	8.48	6.33	255.00	4980.00	7718.00	0.00	ACUITIAS
498009.00	6772202.00	201.68	979227.31	29.28	10.69	9.00	6.72	255.00	4980.00	7722.00	0.00	ACUITIAS
497997.00	6772619.00	186.78	979230.94	28.60	11.38	9.81	7.75	255.00	4980.00	7726.00	0.00	ACUITIAS
498796.00	6759199.00	198.17	979215.97	7.81	-10.45	-12.11	-14.35	155.00	4988.00	7592.00	0.00	ACUITIAS
498814.00	6759607.00	193.95	979216.70	7.53	-10.35	-11.97	-14.16	155.00	4988.00	7596.00	0.00	ACUITIAS
498796.00	6759994.00	189.85	979217.77	7.61	-9.89	-11.48	-13.65	155.00	4988.00	7600.00	0.00	ACUITIAS
498804.00	6760416.00	189.14	979217.78	7.70	-9.74	-11.32	-13.46	155.00	4988.00	7604.00	0.00	ACUITIAS
498812.00	6760804.00	193.99	979216.24	7.92	-9.96	-11.59	-13.78	155.00	4988.00	7608.00	0.00	ACUITIAS
498801.00	6761217.00	204.91	979207.90	9.41	-11.32	-13.21	-15.75	155.00	4988.00	7612.00	0.00	ACUITIAS
498824.00	6762020.00	210.03	979211.22	8.70	-10.66	-12.42	-14.80	155.00	4988.00	7620.00	0.00	ACUITIAS
498793.00	6762406.00	225.44	979207.88	10.37	-10.41	-12.30	-14.85	155.00	4988.00	7624.00	0.00	ACUITIAS
498786.00	6762802.00	199.41	979214.98	9.70	-9.68	-10.35	-12.60	155.00	4988.00	7628.00	0.00	ACUITIAS
498798.00	6763203.00	225.72	979209.74	12.88	-7.92	-9.82	-12.37	155.00	4988.00	7632.00	0.00	ACUITIAS
498798.00	6763606.00	198.49	979218.06	12.58	-5.51	-7.15	-9.37	155.00	4988.00	7636.00	0.00	ACUITIAS
498818.00	6764012.00	198.49	979218.06	13.35	-4.94	-6.60	-8.85	155.00	4988.00	7640.00	0.00	ACUITIAS
498802.00	6764406.00	193.25	979219.62	13.58	-4.24	-5.86	-8.04	155.00	4988.00	7644.00	0.00	ACUITIAS
498809.00	6764756.00	185.00	979221.94	13.62	-3.43	-4.96	-7.08	155.00	4988.00	7648.00	0.00	ACUITIAS
498807.00	6765214.00	184.56	979222.20	14.08	-2.93	-4.47	-6.56	155.00	4988.00	7652.00	0.00	ACUITIAS
498804.00	6765608.00	182.56	979223.07	14.56	-2.26	-3.79	-5.86	155.00	4988.00	7656.00	0.00	ACUITIAS
498809.00	6766012.00	181.39	979224.10	15.51	-1.21	-2.73	-4.78	155.00	4988.00

502002.00	6772400.00	162.72	979230.26	20.35	5.35	3.98	2.14	355.00	5020.00	7724.00	0.00	ACUITIAS
501999.00	6772799.00	160.11	979230.99	20.55	5.79	4.45	2.64	355.00	5020.00	7728.00	0.00	ACUITIAS
502000.00	6773202.00	159.70	979231.37	21.08	6.36	5.02	3.21	355.00	5020.00	7732.00	0.00	ACUITIAS
501997.00	6773601.00	158.64	979231.94	21.60	6.98	5.65	3.85	355.00	5020.00	7736.00	0.00	ACUITIAS
501999.00	6774003.00	161.53	979231.56	22.39	7.50	6.14	4.32	355.00	5020.00	7740.00	0.00	ACUITIAS
501997.00	6774396.00	159.37	979232.26	22.69	8.00	6.67	4.86	355.00	5020.00	7744.00	0.00	ACUITIAS
501996.00	6774802.00	158.65	979232.90	23.39	8.77	7.44	5.64	355.00	5020.00	7748.00	0.00	ACUITIAS
502005.00	6775202.00	156.47	979233.24	23.33	8.91	7.60	5.83	355.00	5020.00	7752.00	0.00	ACUITIAS
502001.00	6775613.00	156.43	979234.15	24.00	9.74	8.44	6.69	355.00	5020.00	7756.00	0.00	ACUITIAS
501997.00	6776007.00	155.96	979234.70	25.20	10.83	9.52	7.75	355.00	5020.00	7760.00	0.00	ACUITIAS
502002.00	6776403.00	158.04	979235.11	26.53	11.96	10.63	8.85	355.00	5020.00	7764.00	0.00	ACUITIAS
501995.00	6776805.00	155.60	979235.62	24.56	10.22	8.92	7.16	355.00	5020.00	7768.00	0.00	ACUITIAS
502000.00	6777202.00	153.51	979231.68	22.25	8.10	6.81	5.08	355.00	5020.00	7772.00	0.00	ACUITIAS
501997.00	6777603.00	153.84	979230.49	21.44	7.26	5.97	4.23	355.00	5020.00	7776.00	0.00	ACUITIAS
501998.00	6778009.00	154.19	979231.03	22.37	8.16	6.86	5.12	355.00	5020.00	7780.00	0.00	ACUITIAS
501998.00	6778401.00	156.57	979232.52	24.86	10.43	9.12	7.35	355.00	5020.00	7784.00	0.00	ACUITIAS
502000.00	6779010.00	160.25	979233.54	3.70	-11.11	-12.46	-14.28	140.00	5028.00	7500.00	0.00	ACUITIAS
502797.00	6762004.00	157.47	979225.86	7.10	-7.41	-8.73	-10.51	152.00	5028.00	7620.00	0.00	ACUITIAS
502812.00	6762415.00	158.78	979226.59	8.52	-6.11	-7.44	-9.24	355.00	5028.00	7624.00	0.00	ACUITIAS
502804.00	6762806.00	161.48	979226.12	9.15	-5.73	-7.08	-8.91	355.00	5028.00	7628.00	0.00	ACUITIAS
502798.00	6763202.00	164.65	979226.75	11.04	-4.14	-5.52	-7.38	355.00	5028.00	7632.00	0.00	ACUITIAS
502799.00	6763599.00	160.86	979228.45	11.85	-2.98	-4.33	-6.15	355.00	5028.00	7636.00	0.00	ACUITIAS
502805.00	6764004.00	161.63	979228.35	12.26	-2.63	-3.99	-5.82	355.00	5028.00	7640.00	0.00	ACUITIAS
502797.00	6764411.00	162.11	979229.27	13.61	-1.33	-2.69	-4.52	355.00	5028.00	7644.00	0.00	ACUITIAS
502799.00	6764812.00	161.26	979230.39	14.75	-0.11	-1.46	-3.29	355.00	5028.00	7648.00	0.00	ACUITIAS
502798.00	6765203.00	160.31	979230.05	14.57	-0.26	-1.61	-3.45	355.00	5028.00	7652.00	0.00	ACUITIAS
502799.00	6765606.00	159.55	979231.45	15.83	1.13	-0.21	-2.02	355.00	5028.00	7656.00	0.00	ACUITIAS
502803.00	6766005.00	160.34	979230.43	17.34	2.56	1.22	-0.59	355.00	5028.00	7660.00	0.00	ACUITIAS
502799.00	6766411.00	157.77	979233.22	17.62	3.08	1.76	-0.03	355.00	5028.00	7664.00	0.00	ACUITIAS
502797.00	6766816.00	157.57	979233.47	18.09	3.57	2.25	0.46	355.00	5028.00	7668.00	0.00	ACUITIAS
502797.00	6767205.00	155.88	979234.28	18.65	4.28	2.97	1.21	355.00	5028.00	7672.00	0.00	ACUITIAS
502799.00	6767605.00	160.31	979233.80	19.81	5.04	3.69	1.88	355.00	5028.00	7676.00	0.00	ACUITIAS
502794.00	6768007.00	165.67	979232.84	20.78	5.51	4.13	2.25	355.00	5028.00	7680.00	0.00	ACUITIAS
502803.00	6768410.00	178.34	979229.98	22.11	5.67	4.18	2.16	355.00	5028.00	7684.00	0.00	ACUITIAS
502803.00	6768805.00	163.87	979233.59	21.53	6.43	5.05	3.20	355.00	5028.00	7688.00	0.00	ACUITIAS
502793.00	6769212.00	163.11	979233.68	21.67	6.63	5.26	3.42	355.00	5028.00	7692.00	0.00	ACUITIAS
502798.00	6769604.00	158.56	979233.91	20.77	6.16	4.83	3.04	355.00	5028.00	7696.00	0.00	ACUITIAS
502796.00	6769999.00	156.35	979233.59	20.04	5.63	4.32	2.55	355.00	5028.00	7700.00	0.00	ACUITIAS
502796.00	6770397.00	155.74	979232.32	18.92	4.57	3.26	1.50	355.00	5028.00	7704.00	0.00	ACUITIAS
502801.00	6770807.00	156.06	979232.43	19.35	4.97	3.66	1.89	355.00	5028.00	7708.00	0.00	ACUITIAS
502805.00	6771204.00	157.22	979234.31	21.87	7.38	6.06	4.28	454.00	5028.00	7712.00	0.00	ACUITIAS
502804.00	6771604.00	158.15	979234.94	23.06	8.48	7.15	5.36	454.00	5028.00	7716.00	0.00	ACUITIAS
502798.00	6772013.00	159.24	979235.14	23.88	9.21	7.87	6.07	454.00	5028.00	7720.00	0.00	ACUITIAS
502805.00	6772414.00	162.55	979234.56	24.60	9.62	8.26	6.42	454.00	5028.00	7724.00	0.00	ACUITIAS
502805.00	6772810.00	157.79	979236.55	25.40	10.86	9.53	7.75	454.00	5028.00	7728.00	0.00	ACUITIAS
502803.00	6773210.00	156.00	979235.83	24.40	10.02	8.71	6.95	454.00	5028.00	7732.00	0.00	ACUITIAS
502816.00	6773605.00	154.04	979237.30	25.82	11.53	10.24	8.48	454.00	5028.00	7736.00	0.00	ACUITIAS
502800.00	6774002.00	158.66	979237.01	26.95	12.33	11.00	9.20	454.00	5028.00	7740.00	0.00	ACUITIAS
502812.00	6774406.00	159.01	979237.72	28.05	13.39	12.06	10.26	454.00	5028.00	7744.00	0.00	ACUITIAS
502805.00	6774812.00	155.75	979238.49	28.10	13.74	12.44	10.68	454.00	5028.00	7748.00	0.00	ACUITIAS
502784.00	6775197.00	153.93	979238.78	28.09	13.91	12.62	10.88	454.00	5028.00	7752.00	0.00	ACUITIAS
503603.00	6759608.00	157.15	979222.10	1.58	-12.91	-14.23	-16.00	152.00	5036.00	7596.00	0.00	ACUITIAS
503605.00	6759996.00	159.04	979221.03	1.36	-13.30	-14.63	-16.43	152.00	5036.00	7600.00	0.00	ACUITIAS
503595.00	6760405.00	156.08	979221.60	1.30	-13.08	-14.39	-16.16	152.00	5036.00	7604.00	0.00	ACUITIAS
503595.00	6760801.00	155.16	979222.43	2.12	-12.18	-13.48	-15.24	152.00	5036.00	7608.00	0.00	ACUITIAS
503593.00	6761207.00	159.20	979222.80	4.02	-10.65	-11.99	-13.79	152.00	5036.00	7612.00	0.00	ACUITIAS
503600.00	6769212.00	158.60	979235.01	21.61	6.99	5.66	3.87	253.00	5036.00	7692.00	0.00	ACUITIAS
503600.00	6769623.00	157.64	979234.82	21.35	6.83	5.52	3.73	253.00	5036.00	7696.00	0.00	ACUITIAS
503606.00	6770011.00	159.87	979233.49	21.04	6.30	4.96	3.15	253.00	5036.00	7700.00	0.00	ACUITIAS
503601.00	6770412.00	156.78	979233.47	20.34	5.89	4.58	2.80	253.00	5036.00	7704.00	0.00	ACUITIAS
503615.00	6770813.00	153.66	979234.34	20.52	6.36	5.07	3.33	253.00	5036.00	7708.00	0.00	ACUITIAS
503596.00	6771206.00	154.26	979235.27	21.91	7.69	6.40	4.66	253.00	5036.00	7712.00	0.00	ACUITIAS
503592.00	6771613.00	155.69	979237.29	24.65	10.30	9.00	7.24	253.00	5036.00	7716.00	0.00	ACUITIAS
503594.00	6772006.00	157.53	979238.73	26.93	12.41	11.09	9.31	253.00	5036.00	7720.00	0.00	ACUITIAS
503586.00	6772409.00	155.57	979240.06	27.95	13.61	12.30	10.54	253.00	5036.00	7724.00	0.00	ACUITIAS
503605.00	6772819.00	160.44	979237.78	27.45	12.66	11.31	9.50	253.00	5036.00	7728.00	0.00	ACUITIAS
503597.00	6773206.00	158.61	979238.67	28.04	13.42	12.09	10.29	253.00	5036.00	7732.00	0.00	ACUITIAS
503578.00	6773596.00	153.16	979240.14	28.10	13.98	12.70	10.97	253.00	5036.00	7736.00	0.00	ACUITIAS
503584.00	6773991.00	151.76	979241.21	29.02	15.03	13.76	12.04	253.00	5036.00	7740.00	0.00	ACUITIAS
503594.00	6774425.00	152.05	979241.90	30.09	16.08	14.80	13.08	253.00	5036.00	7744.00	0.00	ACUITIAS
503586.00	6774809.00	155.08	979241.01	30.40	16.11	14.81	13.05	253.00	5036.00	7748.00	0.00	ACUITIAS
503596.00	6775238.00	157.48	979240.21	30.63	16.12	14.80	13.02	253.00	5036.00	7752.00	0.00	ACUITIAS
503590.00	6775605.00	152.02	979240.88	29.88	15.87	14.59	12.87	253.00	5036.00	7756.00	0.00	ACUITIAS
503599.00	6776019.00	155.10	979239.17	29.41	15.12	13.82	12.06	253.00	5036.00	7760.00	0.00	ACUITIAS
503597.00	6776419.00	152.80	979238.03	27.84	13.75	12.47	10.74	253.00	5036.00	7764.00	0.00	ACUITIAS
503593.00	6776816.00	152.03	979236.50	26.34	12.33	11.05	9.33	253.00	5036.00	7768.00	0.00	ACUITIAS
503594.00	6777210.00	149.99	979236.76	26.25	12.43	11.17	9.48	253.00	5036.00	7772.00	0.00	ACUITIAS
503585.00	6777604.00	149.40	979234.34	23.92	10.15	8.90	7.21	253.00	5036.00	7776.00	0.00	ACUITIAS
504397.00	6761396.00	154.09	979225.41	5.19	-9.02	-10.31	-12.05	355.00	5044.00	7614.00	0.00	ACUITIAS
504408.00	6761807.00	153.31	979227.45	7.27	-6.86	-8.14	-9.88	355.00	5044.00	7618.00	0.00	ACUITIAS
504413.00	6762203.00	155.24	979227.63	8.32	-5.99	-7.29	-9.04	355.00	5044.00	7622.00	0.00	ACUITIAS
504403.00	6762604.00	157.51	979227.88	9.55	-4.97	-6.29	-8.07	355.00	5044.00	7626.00	0.00	ACUITIAS
504408.00	6763006.00	157.64	979228.14	10.13	-4.40	-5.72	-7.50	355.00	5044.00	7630.00	0.00	ACUITIAS
504402.00	6763405.00	156.12	979228.78	10.58	-3.81	-5.12	-6.88	355.00	5044.00	7634.00	0.00	ACUITIAS
504411.00	6763797.00	153.15	979229.84	11.00	-3.12	-4.40	-6.14	355.00	5044.00	7638.00	0.00	ACUITIAS
504409.00	6764210.00	153.66	979228.81	12.57	-2.24	-3.58	-5.40	355.00	5044.00	7642.00	0.00	ACUITIAS
504407.00	6764598.00	159.00	979229.93	13.47	-1.19	-2.52	-4.32	355.00	5044.00	7646.00	0.00	ACUITIAS
504405.00	6764998.00	154.40	979231.60	13.98	-0.26	-1.55	-3.38	355.00	5044.00	7650.00	0.00	ACUITIAS
504398.00	6765395.00	154.59	979232.24	14.95	0.70	-0.60	-2.34	355.00	5044.00	7654.00	0.00	ACUITIAS
504393.00	6769410.00	156.18	979235.15	21.14	6.74	5.43	3.66	354.00	5044.00	7694.00	0.00	ACUITIAS
504397.00	6770810.00	154.51	979236.04	21.79	7.55	6.25	4.50	354.00	5044.00	7698.00	0.00	ACUITIAS
504400.00	6770212.00	156.21	979234.70	21.26	6.86	5.55	3.79	354.00	5044.00	7702.00	0.00	ACUITIAS
504396.00	6770602.00	154.37	979235.40	21.66	7.43	6.14	4.39	354.00	5044.00	7706.00	0.00	ACUITIAS
504397.00	6771003.00	152.26	979237.32	23.21	9.18	7.90	6.18	354.00	5044.00	7710.00	0.00	ACUITIAS
504398.00	6771404.00	152.15	979239.77	25.90	11.88	10.60	8.88	354.00	5044.00	7714.00	0.00	ACUITIAS
504389.00	6771810.00	154.25	979241.20	28.34	14.13	12.85	11.09	354.00	5044.00	7718.00	0.00	ACUITIAS
504397.00	6772194.00	154.62	979242.49	29.93	15.68	14.39	12.64	354.00	5044.00	7722.00	0.00	ACUITIAS
504399.00	6772602.00	152.80	979244.40	31.59	17.50	16.22	14.40	354.00	5044.00	7726.00	0.00	ACUITIAS
504394.00	6773004.00	153.87	979244.20	31.98	17.79	16.50	14.75	354.00	5044.00	7730.00	0.00	ACUITIAS
504393.00	6773402.00	154.32	979244.12	32.30	18.08	16.78	15.04	354.00	5044.00	7734.00	0.00	ACUITIAS
504399.00	6773800.00	150.31	979246.75	33.97	20.12	18.86	17.16	354.00	5044.00	7738.00	0.00	ACUITIAS
504398.00	6774197.00	148.53	979247.89	34.04	21.15	19.90	18.22	354.00	5044.00	7742.00	0.00	ACUITIAS
504401.00	6774601.00	149.79	979247.30	34.92	21.11	19.85	18.16	354.00	5044.00	7746.00	0.00	ACUITIAS
504398.00	6775002.00	153.05	979245.98	34.88	20.77	19.49	17.76	354.00	5044.00	7750.00	0.00	ACUITIAS
504404.00	6775402.00	154.10	979244.86	34.38	20.37	18.88	17.14	354.00	5044.00	7754.00	0.00	ACUITIAS
504402.00	6775804.00	150.51	979243.84	32.52	18.64	17.38	15.68	354.00	5044.00	7758.00	0.00	ACUITIAS
504400.00	6776200.00	152.94	979240.70	30.40	16.30	15.02	13.29	354.00	5044.00	7762.00	0.00	ACUITIAS
504401.00	6776604.00	151.27	979238.56	28.03	14.08	12.82	11.10	354.00	5044.00	7766.00	0.00	ACUITIAS
504397.00	6777002.00	147.89	979237.24	25.94	12.31	11.07	9.40	354.00	5044.00	7770.00	0.00	ACUITIAS
504401.00	6777404.00	147.78	979236.27	25.22	11.60	10.36	8.69	354.00	5044.00	7774.00	0.00	ACUITIAS
505190.00	6759408.00	151.31	979224.09	1.62	-12.32	-13.59	-15.30	152.00	5052.00	7594.00	0.00	ACUITIAS
505197.00	6759813.00	152.66	979223.75	1.98	-12.09	-13.37	-15.10	152.00	5052.00	7598.00	0.00	ACUITIAS
505194.00	6760208.00	150.88	979224.32	2.28	-11.63	-12.89	-14.60	152.00	5052.00	7602.00	0.00	ACUITIAS
505196.00	6760604.00	152.00	979224.50	3.08	-10.93	-12.21	-13.93	152.00	5052.00	7606.00	0.00	ACUITIAS
504398.00	6765396.00	154.62	979233.13	14.85	0.60	-0.70	-2.45	354.00	5052.00	7654.00	0.00	ACUITIAS
504397.00	6765798.00	154.82	979233.13	15.18	1.01	0.61	-1.14	354.00	5052.00	7658.00	0.00	ACUITIAS
504394.00	6766206.00	153.22	979234.95	17.81	3.68	2.40	0.67	354.00	5052.00	7662.00	0.00	ACUITIAS
504397.00	6766599.00	156.54	979234.27	18.42	3.99	2.66	0.91	354.00	5052.00	7666.00	0.00	ACUITIAS
504402.00	6767008.00	163.46	979233.15	19.72	4.65	3.28	1.43	354.00	5052.00	7670.00	0.00	ACUITIAS
504397.00	6767401.00	171.94	979231.55	21.01	5.16	3.72	1.77	354.00	5052.00	7674.00	0.00	ACUITIAS
504404.00	6767801.00	164.82	979234.09	21.63	6.44	5.05	3.19	354.00	5052.00	7678.00	0.00	ACUITIAS
504398.00	6768202.00	165.74	979233.36	21.46	6.18	4.79	2.92	354.00	5052.00	7682.00	0.00	ACUITIAS
504400.00	6768609.00	158.13	979235.06	21.09	6.52	5.19	3.40	354.00	5052.00	7686.00	0.00	ACUITIAS
504400.00	6769001.00	157.84	979235.07	21.28	6.73	5.41	3.63	354.00	5052.00	7690.00	0.00	ACUITIAS
505213.00	6769405.00	154.94	979234.23	19.83	5.55	4.25	2.50	354.00	5052.00	7694.00	0.00	ACUITIAS
505205.00	6769809.00	153.63	979235.12	20.59	6.43	5.14	3.40	253.00	5052.00	7698.00	0.00	ACUITIAS
505202.00	6770204.00	150.44	979237.03	21.80	7.93	6.67	4.97	253.00	5052.00	7702.00	0.00	ACUITIAS
505196.00	6770585.00	150.81	979239.14	24.29	10.39	9.13	7.42	253.00	5052.00	7706.00	0.00	ACUITIAS
505190.00	6770994.00	150.95	979240.85	26.33	12.42	11.15	9.44	454.00	5052.00	7710.00	0.00	ACUITIAS
505213.00	6771416.00	150.69	979242.74	28.43	14.54	13.28	11.57	253.00	5052.00	7714.00	0.00	ACUITIAS
505200.00	6771810.00	151.31	979244.63	30.78	16.83	15.56	13.85	253.00	5052.00	7718.00	0.00	ACUITIAS
505210.00	6772208.00	152.16	979247.00	33.69	19.67	18.39	16.67	253.00	5052.00	7722.00	0.00	ACUITIAS
505202.00	6772599.00	149.90	979248.43	34.69	20.88	19.62	17.92	253.00	5052.00	7726.00	0.00	ACUITIAS
505201.00	6773027.00	149.18	979248.37	34.71	20.96	19.71	18.02	253.00	5052.00	7730.00	0.00	ACUITIAS
505193.00	6773403.00	149.43	979248.29	34.96	21.19	19.94	18.25	253.00	5052.00	7734.00	0.00	ACUITIAS
505208.00	6773816.00	150.79	979248.46	35.84	21.94	20.68	18.97	454.00	5052.00	7738.00	0.00	ACUITIAS
505195.00	6774216.00	152.86	979247.81	36.10	22.01	20.73	19.00	355.00	5052.00	7742.00	0.00	ACUITIAS
505207.00	6774617.00	147.70	979248.92	35.90	22.29	21.05	19.38	355.00	5052.00	7746.00	0.00	ACUITIAS
505206.00	6774993.00	148.49	979248.73	36.22	22.53	21.29	19.61	355.00	5052.00	7750.00	0.00	ACUITIAS
505201.00	6775412.00	150.47	979247.73	36.12	22.25	20.99	19.29	355.00	5052.00	7754.00	0.00	ACUITIAS
505209.00	6775796.00	148.78	979245.88	34.01	20.30	19.05	17.37	355.00	5052.00	7758.00	0.00	ACUITIAS
505213.00	6776205.00	150.65	979242.39	31.39	17.50	16.24	14.53	355.00	5052.00	7762.00	0.00	ACUITIAS
505201.00	6776600.00	148.97	979240.58	29.33	15.60	14.35	12.67	355.00	5052.00	7766.00	0.00	ACUITIAS
505199.00	6776999.00	146.41	979239.83	28.07	14.57	13.35	11.69	355.00	5052.00	7770.00	0.00	ACUITIAS
505222.00	6777403.00	145.82	979238.81	27.15	13.70	12.48	10.83	355.00	5052.00	7774.00	0.00	ACUITIAS
505994.00	6761006.00	155.29	979225.18	5.06	-9.25	-10.55	-12.31	152.00	5060.00	7610.00	0.00	ACUITIAS
505991.00	6761404.00	153.10	979226.66	6.17	-7.95	-9.24	-10.97	252.00	5060.00	7614.00	0.00	ACUITIAS
505998.00	6761808.00	151.46	979227.97	7.22	-6.74	-8.01	-9.72	252.00	5060.00	7618.00	0.00	ACUITIAS
506000.00	6762196.00	150.62	979228.98	8.25	-5.64	-6.90	-8.60	252.00	5060.00	7622.00	0.00	ACUITIAS
505993.00	6762601.00	148.92	979229.30	8.31	-5.41	-6.66	-8.34	252.00	5060.00	7626.00	0.00	ACUITIAS
505995.00	6763005.00	150.41	979229.18	8.94	-4.93	-6.19	-7.89	252.00	5060.00	7630.00	0.00	ACUITIAS
506000.00	6763402.00	149.89	979229.73	9.60	-4.21	-5.47	-7.16	252.00	5060.00	7634.00	0.00	ACUITIAS
505996.00	6763815.00	150.10	979229.66	9.89	-3.95	-5.21	-6.90	252.00	5060.00	7638.00	0.00	ACUITIAS
506005.00	6764206.00	148.95	979230.36	10.50	-3.22	-4.47	-6.19	252.00	5060.00	7642.00	0.00	ACUITIAS
505990.00	6764597.00	148.85	979230.80	11.19	-2.53	-3.78	-5.46	252.00	5060.00	7646.00	0.00	ACUITIAS
506007.00	6765000.00	149.23	979230.51	12.37	-1.38	-2.63	-4.32	252.00	5060.00	7650.00	0.00	ACUITIAS
506006.00	6765403.00	149.76	979232.28	13.51	-0.29	-1.55	-3.24	252.00	5060.00	7654.00	0.00	ACUITIAS
505997.00	6765808.00	151.83	979233.23	15.37	1.38	0.10	-1.61	252.00	5060.00	7658.00	0.00	ACUITIAS
505998.00	6766216.00	152.86	979234.78	16.78	2.91	1.65	-0.05	252.00	5060.00	7662.00	0.00	ACUITIAS
506004.00	6766607.00	150.27	979235.61	17.83	3.98	2.72	1.02	252.00	5060.00	7666.00	0.00	ACUITIAS
505990.00	6767010.00	153.83	979234.93	18.53	4.35	3.06	1.32	252.00	5060.00	7670.00	0.00	ACUITIAS
505993.00	6767405.00	150.91	979235.85	18.82	4.91	3.65	1.94	252.00	5060.00	7674.00	0.00	ACUITIAS
506000.00	6767815.00	153.71	979235.36	19.48	5.32	4.03	2.29	252.00	5060.00	7678.00	0.00	ACUITIAS
505991.00	6768197.00	152.59	979234.71	18.72	4.66	3.38	1.66	252.00	5060.00	7682.00	0.00	ACUITIAS
505999.00	6768604.00	151.56	979234.12	18.12	4.15	2.88	1.17	252.00	5060.00	7686.00	0.00	ACUITIAS
505978.00	6769015.00	153.97	979233.38	18.41	4.22	2.93	1.19	252.00	5060.00	7690.00	0.00	ACUITIAS
505989.00	6769404.00	152.57	979234.17	19.05	4.99	3.71	1.99	252.00	5060.00	7694.00	0.00	ACUITIAS
505990.00	6769802.00	150.96	979235.05	19.70	5.78	4.52	2.81	252.00	5060.00	7698.00	0.00	ACUITIAS
505989.00	6770215.00	149.30	979237.63	22.05	8.29	7.04	5.35	252.00	5060.00	7702.00	0.00	ACUITIAS
505987.00	6770608.00	149.30	979240.91	25.61	11.85	10.60	8.91	252.00	5060.00	7706.00	0.00	ACUITIAS
505997.00	6771015.00	148.85	979244.18	29.02	15.30	14.05	12.37	253.00	5060.00	7710.00	0.00	ACUITIAS
506003.00	6771407.00	148.72	979245.29	30.37	16.66	15.41	13.73	252.00	5060.00	7714.00	0.00	ACUITIAS
505989.00	6771802.00	150.12	979246.92	32.70	18.86	17.60	15.98	252.00	5060.00	7718.00	0.00	ACUITIAS
505996.00	6772227.00	150.59	979248.86	35.08	21.20	19.94	18.23	252.00	5060.00	7722.00	0.00	ACUITIAS
505990.00	6772613.00	149.23	979249.50	35.72	21.92	20.67	18.97	252.00	5060.00	7726.00	0.00	ACUITIAS
505990.00	6773015.00	147.88	979249.72	35.65	22.02	20.78	19.11	252.00	5060.00	7730.00	0.00	ACUITIAS
505987.00	6773406.00	147.81	979250.08	36.26	22.64	21.40	19.73	252.00	5060.00	7734.00	0.00	ACUITIAS
505993.00	6773804.00	150.53	979249.50	36.78	22.91	21.65	19.95	252.00	5060.00	7738.00	0.00	ACUITIAS
505995.00	6774211.00	151.85	979248.17	36.15	22.16	20.88	19.17	252.00	5060.00	7742.00	0.00	ACUITIAS
505988.00	6774607.00	147.59	979248.54	35.49	21.88	20.64	18.98	252.00	5060.00	7746.00	0.00	ACUITIAS
505988.00	6775002.00	148.66	979247.76	35.31	21.61	20.36	18.68	252.00	5060.00

SMARTem V TEM data file - created Sun Sep 01 08:18:12 2002 ** GAINS MERGED**
LINE:471200 DATATYPE:TEM INSTRUMENT:SMARTem UNITS:(uV/A) CONFIG:COINCIDENT INITDELAY:0.240 TRANSMITTER:GGT-10 LSIDE:200
STN LOOP RDNG ADC C NADC TIME OPERATOR FREQ CURR SAMP_RATE GAIN NSTACKS DIR FLAGS SFTHRES RAMP DELAY NOISE NCH CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 COMMENT
/TIMESSTART(ms)=0.00,0.11,0.13,0.17,0.21,0.26,0.32,0.40,0.49,0.61,0.76,0.94,1.17,1.46,1.81,2.24,2.79,3.46,4.29,5.33,6.62,8.22,10.20,12.66,15.72,19.52,24.23,30.08,37.35
/TIMESEND(ms)=0.11,0.14,0.17,0.22,0.27,0.33,0.41,0.51,0.63,0.79,0.98,1.21,1.51,1.87,2.32,2.89,3.58,4.45,5.52,6.85,8.51,10.56,13.12,16.28,20.21,25.10,31.16,38.68,48.02
6768700 1 359 1 Z 1 2090108.21 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00B01 01100110027200110100 20.0 0.24 0.01 3.260607e-01 29 2.4751e+04 2.3058e+04 2.1492e+04 2.0043e+04 1.8084e+04 1.5772e+04 1.3799e+04 1.1370e+04 9.4041e+03 7.1770e+03 5.4170e+03 3.7412e+03 2.5426e+03 1.6403e+03 1.0069e+03 5.8396e+02 3.2739e+02 1.7818e+02 9.4100e+01 4.8170e+01 2.4548e+01 1.2660e+01 6.9479e+00 3.9858e+00 2.6833e+00 1.7390e+00 1.2315e+00 9.0636e-01 5.0820e-01 MERGED
6769900 1 361 1 Z 1 2090108.47 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00B01 01100110027200110100 20.0 0.24 0.01 2.935770e-01 29 7.9193e+04 7.3664e+04 6.4388e+04 5.5188e+04 5.0248e+04 4.2162e+04 3.4232e+04 2.7968e+04 2.1288e+04 1.5280e+04 1.0486e+04 7.2085e+03 4.4705e+03 2.8021e+03 1.5973e+03 8.8786e+02 4.6650e+02 2.3501e+02 1.1431e+02 5.4001e+01 2.4951e+01 1.1775e+01 5.5052e+00 2.6569e+00 1.5345e+00 8.9857e-01 6.5777e-01 3.4227e-01 1.1876e-01 MERGED
6770100 1 363 1 Z 1 2090109.08 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00B01 01100110027200110100 20.0 0.24 0.01 3.125373e-01 29 6.7766e+04 6.4412e+04 5.8734e+04 5.2636e+04 4.9032e+04 4.2438e+04 3.5162e+04 2.8987e+04 2.2095e+04 1.5714e+04 1.0582e+04 7.1007e+03 4.2515e+03 2.5733e+03 1.4113e+03 7.5983e+02 3.9101e+02 1.9557e+02 9.6070e+01 4.6729e+01 2.2533e+01 1.0491e+01 4.5948e+00 1.6394e+00 2.6975e-01 -2.5729e-01 -2.5559e-01 -1.9408e-01 -4.5823e-01 MERGED
6770300 1 365 1 Z 1 2090109.28 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00B01 01100110027200110100 20.0 0.24 0.01 3.121708e-01 29 6.9024e+04 6.5712e+04 6.0162e+04 5.4352e+04 5.0939e+04 4.4622e+04 3.7450e+04 3.1190e+04 2.4024e+04 1.7863e+04 1.1880e+04 7.8634e+03 4.7233e+03 2.8759e+03 1.6032e+03 8.9092e+02 4.8262e+02 2.5882e+02 1.3726e+02 7.0908e+01 3.5608e+01 1.7420e+01 8.1330e+00 3.6691e+00 1.6539e+00 6.8308e-01 1.9858e-01 -9.1793e-02 -4.2210e-01 MERGED
6770500 1 368 1 Z 1 2090109.49 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00B01 01100110027200110000 20.0 0.24 0.01 3.208012e-01 29 5.7969e+04 5.5508e+04 5.1326e+04 4.7203e+04 4.5074e+04 4.1650e+04 3.7944e+04 3.4408e+04 2.9693e+04 2.4235e+04 1.8711e+04 1.4095e+04 9.5232e+03 6.3065e+03 3.7375e+03 2.1158e+03 1.1138e+03 5.5428e+02 2.6211e+02 1.1894e+02 5.2286e+01 2.2408e+01 9.1584e+00 3.8079e+00 1.5488e+00 4.9721e-01 -2.1285e-01 -4.5887e-01 -2.5789e-01 MERGED
6770700 1 371 1 Z 1 2090110.11 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00B01 01100110027200110000 20.0 0.24 0.01 2.908459e-01 29 5.8802e+04 5.6216e+04 5.1973e+04 4.7999e+04 4.5874e+04 4.2136e+04 3.7603e+04 3.3370e+04 2.7854e+04 2.1884e+04 1.6301e+04 1.1967e+04 7.9418e+03 5.2553e+03 3.1756e+03 1.8701e+03 1.0423e+03 5.5317e+02 2.7693e+02 1.3065e+02 5.7992e+01 2.4289e+01 9.7463e+00 3.7682e+00 1.5130e+00 3.5285e-01 6.3510e-02 1.4878e-01 3.2925e-01 MERGED
6770900 1 373 1 Z 1 2090110.32 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00B01 01100110027200110100 20.0 0.24 0.01 3.140288e-01 29 5.5502e+04 5.2186e+04 4.6871e+04 4.2346e+04 4.0125e+04 3.6555e+04 3.2594e+04 2.8860e+04 2.4107e+04 1.8962e+04 1.4108e+04 1.0304e+04 6.7426e+03 4.3590e+03 2.5300e+03 1.4138e+03 7.4082e+02 3.7092e+02 1.7961e+02 8.4708e+01 3.8957e+01 1.7305e+01 7.0857e+00 2.7186e+00 1.4933e+00 6.4921e-01 -1.9369e-01 4.8915e-01 1.1439e+00 MERGED
6771100 1 393 1 Z 1 2090112.37 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00B01 01100110027200110100 20.0 0.24 0.01 3.284635e-01 29 6.2119e+04 5.7474e+04 5.0079e+04 4.3870e+04 4.0819e+04 3.5922e+04 3.0717e+04 2.6156e+04 2.0803e+04 1.5538e+04 1.1010e+04 7.7276e+03 4.8665e+03 3.0695e+03 1.7524e+03 9.7298e+02 5.1043e+02 2.5647e+02 1.2448e+02 5.8596e+01 2.7331e+01 1.3114e+01 6.3307e+00 3.2715e+00 1.9083e+00 1.0202e+00 2.6149e-01 -2.5746e-01 -1.1283e-02 MERGED
6771300 1 398 1 Z 1 2090113.13 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00B01 01100110027200110100 20.0 0.24 0.01 3.212038e-01 29 6.0161e+04 5.5528e+04 4.7942e+04 4.1222e+04 3.7966e+04 3.3038e+04 2.8148e+04 2.3947e+04 1.9017e+04 1.4143e+04 9.9407e+03 6.9015e+03 4.2755e+03 2.6552e+03 1.4959e+03 8.2790e+02 4.4030e+02 2.2826e+02 1.1560e+02 5.6931e+01 2.7413e+01 1.3006e+01 6.2873e+00 3.0624e+00 1.3488e+00 6.5240e-01 2.6732e-01 2.3579e-01 1.7735e-01 MERGED
6771500 1 400 1 Z 1 2090113.28 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00B01 01100110027200110100 20.0 0.24 0.01 3.148062e-01 29 7.2225e+04 6.6302e+04 5.6126e+04 4.6154e+04 4.1275e+04 3.4346e+04 2.8442e+04 2.3944e+04 1.9012e+04 1.4292e+04 1.0234e+04 7.2597e+03 4.6337e+03 2.9633e+03 1.7246e+03 9.8222e+02 5.3406e+02 2.8154e+02 1.4429e+02 7.2096e+01 3.5052e+01 1.6876e+01 7.8407e+00 3.6350e+00 1.8612e+00 9.9157e-01 3.5239e-01 1.4417e-01 -1.1018e-01 MERGED
6771700 1 402 1 Z 1 2090113.47 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00B01 01100110027200110000 20.0 0.24 0.01 3.195415e-01 29 7.0813e+04 6.5908e+04 5.7081e+04 4.7205e+04 4.1952e+04 3.4090e+04 2.7566e+04 2.3009e+04 1.8421e+04 1.4267e+04 1.0718e+04 8.0258e+03 5.5052e+03 3.7748e+03 2.3821e+03 1.4684e+03 8.6162e+02 4.8560e+02 2.6147e+02 1.3419e+02 6.5216e+01 3.0033e+01 1.3077e+01 5.3091e+00 2.2325e+00 9.2277e-01 4.2731e-01 1.0842e-01 -4.9503e-02 MERGED
6771900 1 404 1 Z 1 2090114.06 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00B01 01100110027200110100 20.0 0.24 0.01 3.375916e-01 29 6.7140e+04 6.2078e+04 5.3210e+04 4.3764e+04 3.8784e+04 3.1282e+04 2.5018e+04 2.0733e+04 1.6618e+04 1.3120e+04 1.0263e+04 8.1000e+03 5.9936e+03 4.4296e+03 3.0393e+03 2.0214e+03 1.2722e+03 7.6295e+02 4.3295e+02 2.3127e+02 1.1512e+02 5.3602e+01 2.2882e+01 8.8427e+00 3.2077e+00 8.0264e-01 5.7538e-02 7.7964e-02 1.6996e-01 MERGED
6772100 1 406 1 Z 1 2090114.25 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00B01 01100110027200110000 20.0 0.24 0.01 3.153836e-01 29 6.9339e+04 6.4111e+04 5.4939e+04 4.5148e+04 3.9948e+04 3.2948e+04 2.6998e+04 2.2396e+04 1.8008e+04 1.4681e+04 1.1896e+04 9.5797e+03 7.7396e+03 6.1796e+03 4.9026e+03 3.8082e+03 2.9397e+03 2.2511e+03 1.7102e+03 1.2880e+03 9.6107e+02 7.0966e+02 5.1888e+02 3.7284e+02 2.6284e+02 1.8188e+02 1.2344e+02 8.2000e+01 5.3000e+01 3.3000e+01 2.0000e+01 1.1000e+01 5.0000e+00 2.0000e+00 6.0000e-01 1.0000e-01 -1.0000e-01 -2.0000e-01 -2.0000e-01 -1.0000e-01 MERGED
6772300 1 408 1 Z 1 2090114.38 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00B01 01100110027200110000 20.0 0.24 0.01 3.118977e-01 29 6.9382e+04 6.3737e+04 5.4259e+04 4.5270e+04 4.0802e+04 3.4134e+04 2.8006e+04 2.3180e+04 1.7920e+04 1.3058e+04 9.0822e+03 6.3047e+03 3.9579e+03 2.5208e+03 1.4798e+03 8.6146e+02 4.8636e+02 2.6998e+02 1.4807e+02 7.9726e+01 4.2491e+01 2.2420e+01 1.1671e+01 6.0048e+00 3.0708e+00 1.6262e+00 8.3495e-01 4.9425e-01 4.1083e-01 MERGED
6772500 1 410 1 Z 1 2090114.51 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00B01 01100110027200110000 20.0 0.24 0.01 3.628817e-01 29 7.3436e+04 6.6745e+04 5.5631e+04 4.5326e+04 4.0220e+04 3.2626e+04 2.5888e+04 2.0884e+04 1.5766e+04 1.1310e+04 7.8158e+03 5.4225e+03 3.4091e+03 2.1666e+03 1.2576e+03 7.1548e+02 3.8918e+02 2.0671e+02 1.0835e+02 5.6731e+01 2.9760e+01 1.5781e+01 8.2138e+00 4.1118e+00 2.0904e+00 9.2648e-01 3.6409e-01 1.5073e-01 3.0302e-02 MERGED

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SMARTem V TEM data file - created Mon Sep 09 09:00:54 2002 ** GAINS MERGED**
LINE:=474100  DATATYPE:=TEM  INSTRUMENT:SMARTEM  UNITS:(UV/A)  CONFIG:COINCIDENT  INITDELAY:0.240  TRANSMITTER:GGT-10  LSIDE:200
STN LOOP RDNG ADC C NADC TIME OPERATOR FREQ CURR SAMP_RATE GAIN NSTACKS DIR FLAGS SFTHRES RAMP DELAY NOISE NCH CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 COMMENT
/TIMESSTART(ms)=0.09,0.11,0.13,0.17,0.21,0.26,0.32,0.40,0.49,0.61,0.76,0.94,1.17,1.46,1.81,2.24,2.79,3.46,4.29,5.33,6.62,8.22,10.20,12.66,15.72,19.52,24.23,30.08,37.35
/TIMESEND(ms)=0.11,0.14,0.17,0.22,0.27,0.33,0.41,0.51,0.63,0.79,0.98,1.21,1.51,1.87,2.32,2.89,3.58,4.45,5.52,6.85,8.51,10.56,13.12,16.28,20.22,25.12,31.16,38.68,48.02
6768600 1 733 1 Z 20090909.00 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.836378e-01 29 7.7372e+04 6.5930e+04 5.6517e+04 4.8764e+04 3.9832e+04 3.0944e+04 2.6160e+04 1.9101e+04 1.3846e+04 9.5588e+03 6.6220e+03 4.2982e+03 2.6361e+03 1.6087e+03 9.5540e+02 5.4404e+02 3.1409e+02 1.7390e+02 9.3985e+01 4.9054e+01 2.4455e+01 1.1434e+01 5.1232e+00 2.2068e+00 9.0878e-01 3.7736e-01 1.8133e-01 1.0164e-01 8.0509e-02 MERGED
6768800 1 735 1 Z 20090909.12 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.852336e-01 29 7.6378e+04 6.5115e+04 5.5978e+04 4.8178e+04 3.9352e+04 3.0578e+04 2.5846e+04 1.8870e+04 1.3678e+04 9.4368e+03 6.5412e+03 4.2469e+03 2.6035e+03 1.5972e+03 9.4415e+02 5.3774e+02 3.1039e+02 1.7189e+02 9.2939e+01 4.8479e+01 2.4167e+01 1.1303e+01 5.0614e+00 2.1814e+00 8.9818e-01 3.7301e-01 1.7922e-01 1.0045e-01 7.9551e-02 MERGED
6769000 1 737 1 Z 20090909.24 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 3.003616e-01 29 6.9791e+04 6.0454e+04 5.0726e+04 4.5290e+04 3.9080e+04 3.1526e+04 3.0586e+04 2.8234e+04 2.0346e+04 1.4064e+04 1.0105e+04 6.4336e+03 3.7941e+03 2.1814e+03 1.1881e+03 5.9878e+02 3.0011e+02 1.4198e+02 6.6331e+01 3.0828e+01 1.4508e+01 6.2734e+00 2.6425e+00 9.8747e-01 3.0225e-01 4.7348e-02 1.1219e-02 1.2635e-02 1.5234e-03 MERGED
6769200 1 739 1 Z 20090909.41 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.816048e-01 29 8.3283e+04 7.5704e+04 6.8556e+04 6.1752e+04 5.2492e+04 4.1870e+04 3.5456e+04 2.5424e+04 1.7714e+04 1.1560e+04 7.5724e+03 4.6091e+03 2.6369e+03 1.5009e+03 8.1390e+02 4.3054e+02 2.2598e+02 1.1265e+02 5.4729e+01 2.5936e+01 1.1926e+01 5.2285e+00 2.1560e+00 8.0946e-01 2.6235e-01 4.8461e-02 1.4918e-02 3.3633e-02 3.5841e-02 MERGED
6769400 1 741 1 Z 20090909.57 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 3.007095e-01 29 7.6378e+04 6.7273e+04 5.7473e+04 5.1016e+04 4.0367e+04 3.0991e+04 2.4155e+04 1.6967e+04 1.0752e+04 6.9591e+03 4.1705e+03 2.3422e+03 1.3078e+03 6.9595e+02 3.6168e+02 1.8577e+02 9.2886e+01 4.5136e+01 2.1468e+01 9.9139e+00 4.4734e+00 1.7422e+00 6.2123e+01 1.8660e-01 5.1952e-02 2.4668e-02 4.4778e-02 5.4435e-02 MERGED
6769600 1 743 1 Z 20090910.05 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.964678e-01 29 8.3868e+04 7.6476e+04 6.9126e+04 6.2042e+04 5.2449e+04 4.1558e+04 3.5050e+04 2.4936e+04 1.7213e+04 1.1080e+04 7.1371e+03 4.2409e+03 2.3531e+03 1.2957e+03 6.7956e+02 3.4776e+02 1.7552e+02 8.6099e+01 4.0814e+01 1.8655e+01 8.0016e+00 3.0963e+00 1.0903e+00 2.3276e-01 -3.7994e-02 -9.2202e-02 -5.2650e-02 2.4625e-02 5.3654e-02 MERGED
6769800 1 746 1 Z 20090910.17 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.891946e-01 29 9.1474e+04 8.0272e+04 6.9700e+04 6.0100e+04 4.8112e+04 3.5630e+04 2.8847e+04 1.9115e+04 1.2460e+04 7.6593e+03 4.8160e+03 2.8452e+03 1.6128e+03 9.2787e+02 5.1723e+02 2.8124e+02 1.4945e+02 7.5782e+01 3.6412e+01 1.6658e+01 7.1518e+00 2.8208e+00 9.9778e-01 2.8963e-01 5.6993e-02 6.8900e-03 1.3891e-02 4.1364e-02 5.9550e-02 MERGED
6770000 1 748 1 Z 20090910.29 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.814539e-01 29 8.9143e+04 7.8116e+04 6.8116e+04 5.9088e+04 5.4908e+04 4.3346e+04 3.6408e+04 2.5605e+04 1.7416e+04 1.1006e+04 6.9653e+03 4.0957e+03 2.2850e+03 1.1894e+03 6.0845e+02 3.0111e+02 1.4624e+02 6.8663e+01 3.1301e+01 1.3952e+01 5.9810e+00 2.3432e+00 8.0303e-01 2.0748e-01 -1.9135e-02 -4.4870e-02 -2.9453e-02 1.2026e-02 3.7752e-02 MERGED
6770200 1 751 1 Z 20090910.42 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.813542e-01 29 8.2727e+04 7.8656e+04 7.4093e+04 6.9038e+04 6.0998e+04 5.0556e+04 4.3568e+04 3.1882e+04 2.2259e+04 1.4288e+04 9.0687e+03 5.2375e+03 2.7794e+03 1.4479e+03 7.0847e+02 3.3505e+02 1.5604e+02 7.1052e+01 3.1792e+01 1.4082e+01 6.0886e+00 2.4208e+00 8.7399e-01 2.5598e-01 5.6940e-02 2.8412e-02 3.8348e-02 4.1127e-02 6.6404e-02 MERGED
6770400 1 753 1 Z 20090910.52 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.832696e-01 29 8.2154e+04 7.8446e+04 7.3878e+04 6.8624e+04 6.0170e+04 4.9252e+04 4.2054e+04 3.0226e+04 2.0740e+04 1.3080e+04 8.1780e+03 4.6439e+03 2.4148e+03 1.2290e+03 5.8611e+02 2.7115e+02 1.2551e+02 5.8042e+01 2.6841e+01 1.2417e+01 5.5814e+00 2.2998e+00 8.1091e-01 2.4577e-01 6.4653e-03 -2.9727e-02 -1.8238e-02 -1.2385e-02 2.4823e-02 MERGED
6770600 1 756 1 Z 20090911.04 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.847198e-01 29 9.0203e+04 8.4101e+04 7.7535e+04 7.0649e+04 6.0501e+04 4.8278e+04 4.0680e+04 2.8670e+04 1.9434e+04 1.2169e+04 7.6012e+03 4.3407e+03 2.2985e+03 1.2097e+03 6.0795e+02 2.9990e+02 1.4695e+02 6.9995e+01 3.2249e+01 1.4312e+01 6.0324e+00 2.2778e+00 7.0708e-01 9.7540e-02 -9.5403e-02 -9.4032e-02 -6.2833e-02 -1.8614e-02 9.7541e-03 MERGED
6770800 1 758 1 Z 20090911.50 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.847198e-01 29 9.0203e+04 8.4101e+04 7.7535e+04 7.0649e+04 6.0501e+04 4.8278e+04 4.0680e+04 2.8670e+04 1.9434e+04 1.2169e+04 7.6012e+03 4.3407e+03 2.2985e+03 1.2097e+03 6.0795e+02 2.9990e+02 1.4695e+02 6.9995e+01 3.2249e+01 1.4312e+01 6.0324e+00 2.2778e+00 7.0708e-01 9.7540e-02 -9.5403e-02 -9.4032e-02 -6.2833e-02 -1.8614e-02 9.7541e-03 MERGED
6771000 1 760 1 Z 20090912.02 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.971299e-01 29 8.9455e+04 7.8705e+04 6.8682e+04 5.9635e+04 4.8338e+04 3.6503e+04 2.9990e+04 2.0490e+04 1.3788e+04 8.7627e+03 5.6500e+03 3.3962e+03 1.9258e+03 1.0888e+03 5.8589e+02 3.0549e+02 1.5552e+02 7.6278e+01 3.6007e+01 1.6507e+01 7.3274e+00 3.0572e+00 1.2318e+00 4.5112e-01 1.8207e-01 1.0497e-01 1.1151e-01 1.0395e-01 MERGED
6771200 1 762 1 Z 20090912.14 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 3.008182e-01 29 8.1726e+04 7.5422e+04 6.9511e+04 6.3526e+04 5.4904e+04 4.4757e+04 3.8352e+04 2.8014e+04 1.9726e+04 1.3822e+04 9.3832e+03 5.0059e+03 2.7724e+03 1.5161e+03 7.8288e+02 3.9288e+02 1.9379e+02 9.2985e+01 4.3558e+01 2.0024e+01 8.9626e+00 3.6863e+00 1.4866e+00 5.5038e-01 1.2228e-01 3.2106e-03 3.8822e-03 2.9418e-02 8.8254e-02 MERGED
6771400 1 764 1 Z 20090912.26 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.830366e-01 29 6.9091e+04 6.4430e+04 6.0382e+04 5.6520e+04 5.0860e+04 4.3666e+04 3.8753e+04 3.0216e+04 2.2654e+04 1.5830e+04 1.0903e+04 6.9154e+03 4.0448e+03 2.2991e+03 1.2347e+03 6.1388e+02 3.0427e+02 1.4296e+02 6.6343e+01 3.0594e+01 1.3830e+01 5.9208e+00 2.4120e+00 8.8789e-01 2.9081e-01 8.1145e-02 2.1890e-02 2.2151e-02 3.1390e-02 MERGED
6771600 1 766 1 Z 20090912.38 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.764305e-01 29 6.1354e+04 5.7416e+04 5.4127e+04 5.1216e+04 4.7221e+04 4.2159e+04 3.8545e+04 3.1826e+04 2.5206e+04 1.8607e+04 1.3408e+04 8.8979e+03 5.4423e+03 3.2309e+03 1.8237e+03 9.7442e+02 5.0885e+02 2.5662e+02 1.2351e+02 5.7694e+01 2.5686e+01 1.0649e+01 4.1537e+00 1.4971e+00 4.4359e-01 9.9796e-02 -2.6758e-03 -1.1368e-02 -2.0474e-02 MERGED
6772000 1 770 1 Z 20090912.57 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.723235e-01 29 5.9074e+04 5.6713e+04 5.4719e+04 5.2850e+04 4.9962e+04 4.5796e+04 4.2462e+04 3.5788e+04 2.8732e+04 2.1414e+04 1.5518e+04 1.0344e+04 6.3497e+03 3.7811e+03 2.1354e+03 1.1346e+03 5.8390e+02 2.8719e+02 1.3396e+02 6.1139e+01 2.7134e+01 1.1559e+01 4.8175e+00 1.8913e+00 6.3697e-01 1.7729e-01 4.7210e-02 3.2423e-02 2.0356e-02 MERGED
6772200 1 772 1 Z 20090913.03 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.810237e-01 29 8.1441e+04 7.6766e+04 7.1704e+04 6.6418e+04 5.8535e+04 4.8742e+04 4.2364e+04 3.1778e+04 2.1935e+04 1.4446e+04 9.2855e+03 5.4652e+03 2.9599e+03 1.5035e+03 7.4952e+02 3.6725e+02 1.7052e+02 7.7453e+01 3.4885e+01 1.5186e+01 6.3148e+00 2.4005e+00 8.0819e-01 2.3975e-01 1.9576e-02 9.0819e-03 3.9375e-03 1.1868e-03 3.4085e-02 4.3809e-02 MERGED
6772400 1 774 1 Z 20090913.22 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.773854e-01 29 8.0746e+04 7.5824e+04 7.0952e+04 6.6040e+04 5.8716e+04 4.9407e+04 4.3147e+04 3.2491e+04 2.3408e+04 1.5600e+04 1.0282e+04 6.2244e+03 3.4984e+03 1.9465e+03 1.0491e+03 5.3912e+02 2.8260e+02 1.4263e+02 7.1294e+01 3.5176e+01 1.6965e+01 7.8450e+00 3.5063e+00 1.4800e+00 5.7247e-01 2.0786e-01 6.7752e-02 4.4457e-02 2.0405e-02 MERGED
6772600 1 776 1 Z 20090913.35 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.549522e-01 29 7.8003e+04 6.9986e+04 6.3267e+04 5.7374e+04 4.9764e+04 4.1158e+04 3.5877e+04 2.7304e+04 2.0205e+04 1.4034e+04 9.6655e+03 6.1561e+03 3.6428e+03 2.1083e+03 1.1639e+03 5.9950e+02 3.0932e+02 1.5111e+02 7.1979e+01 3.3284e+01 1.4833e+01 6.3103e+00 2.6589e+00 1.1104e+00 4.5177e-01 1.7453e-01 8.3602e-02 4.3316e-02 3.4518e-02 MERGED
6772800 1 778 1 Z 20090913.47 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.767536e-01 29 8.0844e+04 7.6776e+04 7.2554e+04 6.8047e+04 6.1954e+04 5.3775e+04 4.7529e+04 3.6503e+04 2.7054e+04 1.9255e+04 1.3408e+04 9.1460e+03 6.0867e+03 3.9588e+03 2.4906e+03 1.5886e+03 9.8955e+02 6.0207e+02 3.5839e+02 2.0924e+02 1.1973e+02 6.6807e+01 3.6844e+01 1.9966e+01 1.0547e+01 5.4842e+00 2.7606e+00 1.3449e+00 6.3908e-01 3.6174e-01 2.3576e-01 1.8739e-01 1.7573e-01 MERGED
6773000 1 780 1 Z 20090913.58 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.819888e-01 29 8.1775e+04 7.0242e+04 6.0806e+04 5.2935e+04 4.3581e+04 3.3940e+04 2.8580e+04 2.0540e+04 1.4526e+04 9.7132e+03 6.5278e+03 4.0866e+03 2.4020e+03 1.3958e+03 7.6918e+02 4.1090e+02 2.1741e+02 1.0957e+02 5.3908e+01 2.5739e+01 1.1851e+01 5.1270e+00 2.1023e+00 7.9723e-01 3.0044e-01 9.3680e-02 4.7652e-02 6.1910e-02 8.6230e-02 MERGED
6773200 1 782 1 Z 20090914.08 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.765522e-01 29 7.6626e+04 6.7891e+04 6.0480e+04 5.3915e+04 4.5448e+04 3.6030e+04 3.0439e+04 2.1745e+04 1.5084e+04 9.7860e+03 6.3749e+03 3.8598e+03 2.2079e+03 1.2681e+03 7.0405e+02 3.8598e+02 2.1232e+02 1.1227e+02 5.8224e+01 2.9344e+01 1.4253e+01 6.5685e+00 2.9692e+00 1.3449e+00 6.3908e-01 3.6174e-01 2.3576e-01 1.8739e-01 1.7573e-01 MERGED
6773400 1 784 1 Z 20090914.20 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.884057e-01 29 8.2813e+04 7.8048e+04 7.3201e+04 6.8147e+04 6.0911e+04 5.1255e+04 4.5139e+04 3.4744e+04 2.6199e+04 1.8511e+04 1.2906e+04 8.8107e+03 5.8744e+03 3.8298e+03 2.4106e+03 1.5387e+03 9.5847e+02 5.8344e+02 3.4744e+02 2.0284e+02 1.1607e+02 6.4807e+01 3.5744e+01 1.9376e+01 1.0235e+01 5.3228e+00 2.6794e+00 1.3058e+00 6.2067e-01 3.5129e-01 2.2882e-01 1.8195e-01 1.7059e-01 MERGED
6773600 1 786 1 Z 20090914.31 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.967155e-01 29 7.0469e+04 6.2375e+04 5.6118e+04 5.1030e+04 4.4877e+04 3.8136e+04 3.4016e+04 2.7232e+04 2.1398e+04 1.6017e+04 1.1904e+04 8.3054e+03 5.4205e+03 3.4351e+03 2.0582e+03 1.1504e+03 6.1511e+02 3.1151e+02 1.4842e+02 6.8415e+01 3.0289e+01 1.2726e+01 5.2933e+00 2.1961e+00 9.1448e-01 4.0236e-01 1.6836e-01 4.6889e-02 3.0371e-02 MERGED
6773800 1 788 1 Z 20090914.43 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.963331e-01 29 8.1967e+04 8.1914e+04 5.4445e+04 5.4083e+04 4.1486e+04 3.3886e+04 2.9494e+04 2.2982e+04 1.7028e+04 1.2227e+04 8.7773e+03 5.9243e+03 3.9102e+03 2.5176e+03 1.5938e+03 9.8482e+02 6.0880e+02 3.7422e+02 2.2965e+02 1.4072e+02 8.6112e+01 5.2614e+01 3.1614e+01 1.8967e+01 1.1402e+01 6.8514e+00 4.1206e+00 2.4801e+00 1.4908e+00 8.9639e-01 5.7013e-01 3.6777e-01 2.1218e-01 MERGED
6774000 1 790 1 Z 20090914.55 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.976279e-01 29 8.1967e+04 8.1914e+04 5.4445e+04 5.4083e+04 4.1486e+04 3.3886e+04 2.9494e+04 2.2982e+04 1.7028e+04 1.2227e+04 8.7773e+03 5.9243e+03 3.9102e+03 2.5176e+03 1.5938e+03 9.8482e+02 6.0880e+02 3.7422e+02 2.2965e+02 1.4072e+02 8.6112e+01 5.2614e+01 3.1614e+01 1.8967e+01 1.1402e+01 6.8514e+00 4.1206e+00 2.4801e+00 1.4908e+00 8.9639e-01 5.7013e-01 3.6777e-01 2.1218e-01 MERGED
6774200 1 795 1 Z 20090915.13 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.683548e-01 29 7.1260e+04 6.3702e+04 5.8002e+04 5.3294e+04 4.7376e+04 4.0616e+04 3.6328e+04 2.9100e+04 2.2778e+04 1.6964e+04 1.2584e+04 8.8198e+03 5.8494e+03 3.8131e+03 2.3804e+03 1.4046e+03 8.0099e+02 4.3774e+02 2.2965e+02 1.1667e+02 5.8199e+01 2.7949e+01 1.3183e+01 5.9932e+00 2.5965e+00 1.0746e+00 4.3084e-01 1.8786e-01 9.9092e-02 MERGED
6774400 1 797 1 Z 20090915.30 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.746599e-01 29 6.7722e+04 6.2158e+04 5.7473e+04 5.3356e+04 4.8350e+04 4.2722e+04 3.8356e+04 3.0995e+04 2.4134e+04 1.7966e+04 1.3358e+04 9.3852e+03 6.2134e+03 4.0447e+03 2.6001e+03 1.6566e+03 1.0264e+03 6.2824e+02 3.8204e+02 2.3142e+02 1.3773e+02 8.2204e+01 4.8966e+01 2.9006e+01 1.7161e+01 1.0150e+01 5.9966e+00 3.5429e+00 2.0941e+00 1.2376e+00 7.3131e-01 4.3221e-01 2.5539e-01 1.5092e-01 MERGED
6774600 1 799 1 Z 20090915.41 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.763684e-01 29 6.8525e+04 5.9724e+04 5.3014e+04 4.7560e+04 4.1043e+04 3.4084e+04 2.9984e+04 2.3478e+04 1.8222e+04 1.3699e+04 1.0447e+04 7.7031e+03 5.4958e+03 3.8900e+03 2.6576e+03 1.7283e+03 1.0963e+03 6.5688e+02 3.8076e+02 2.1333e+02 1.1454e+02 5.8636e+01 2.8827e+01 1.3351e+01 5.8354e+00 2.4262e+00 9.8267e-01 4.1251e-01 2.1216e-01 MERGED
6774800 1 801 1 Z 20090915.57 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.944324e-01 29 6.4156e+04 5.6392e+04 5.0554e+04 4.5828e+04 4.0182e+04 3.4137e+04 3.0522e+04 2.4626e+04 1.9594e+04 1.5012e+04 1.1579e+04 8.6176e+03 6.2210e+03 4.4755e+03 3.1239e+03 2.0822e+03 1.3531e+03 8.2874e+02 4.8870e+02 2.7649e+02 1.4911e+02 7.6238e+01 3.7494e+01 1.7566e+01 7.8533e+00 3.3544e+00 1.3921e+00 5.8265e-01 2.3665e-01 MERGED
6775040 1 803 1 Z 20090915.59 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.859890e-01 29 6.6357e+04 5.7894e+04 5.1574e+04 4.6766e+04 4.1072e+04 3.5088e+04 3.1354e+04 2.5764e+04 2.0770e+04 1.6102e+04 1.2463e+04 9.2085e+03 6.5072e+03 4.5406e+03 3.0672e+03 1.9781e+03 1.2602e+03 7.4826e+02 4.3420e+02 2.4402e+02 1.3229e+02 6.9085e+01 3.5125e+01 1.7197e+01 8.0532e+00 3.6089e+00 1.5483e+00 6.5692e-01 2.9374e-01 1.4008e-01 MERGED
6775200 1 805 1 Z 20090915.22 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 3.167165e-01 29 6.7653e+04 5.9725e+04 5.3724e+04 4.8859e+04 4.3008e+04 3.6681e+04 3.2860e+04 2.6577e+04 2.1147e+04 1.6154e+04 1.2374e+04 9.0977e+03 6.4485e+03 4.5380e+03 3.0853e+03 1.9938e+03 1.2537e+03 7.4131e+02 4.2300e+02 2.3336e+02 1.2448e+02 6.4216e+01 3.2654e+01 1.6152e+01 7.7273e+00 3.5540e+00 1.5742e+00 6.7640e-01 2.9812e-01 MERGED
6775400 1 807 1 Z 20090915.33 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.801478e-01 29 6.4213e+04 5.5403e+04 4.9170e+04 4.4310e+04 3.8652e+04 3.2660e+04 2.9096e+04 2.3316e+04 1.8442e+04 1.4072e+04 1.0827e+04 8.0438e+03 5.7910e+03 4.1455e+03 2.8704e+03 1.8915e+03 1.2132e+03 7.3260e+02 4.2629e+02 2.3914e+02 1.2917e+02 6.7038e+01 3.4049e+01 1.6715e+01 7.9275e+00 3.6487e+00 1.6219e+00 7.1272e-01 3.1587e-01 MERGED
6775600 1 809 1 Z 20090915.46 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.717142e-01 29 7.3360e+04 6.3946e+04 5.6788e+04 5.1188e+04 4.4503e+04 3.7552e+04 3.3436e+04 2.6750e+04 2.1068e+04 1.5928e+04 1.2093e+04 8.7968e+03 6.1510e+03 4.2638e+03 2.8533e+03 1.8192e+03 1.1344e+03 6.7039e+02 3.8598e+02 2.1682e+02 1.1558e+02 6.2882e+01 3.2656e+01 1.6363e+01 7.8977e+00 3.6648e+00 1.6368e+00 7.1454e-01 3.2057e-01 MERGED
6775800 1 811 1 Z 20090915.59 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.876490e-01 29 6.7093e+04 5.7684e+04 5.0820e+04 4.5386e+04 3.9033e+04 3.2345e+04 2.8434e+04 2.2238e+04 1.7223e+04 1.2920e+04 9.8521e+03 7.2975e+03 5.2689e+03 3.7906e+03 2.6349e+03 1.7367e+03 1.1091e+03 6.6423e+02 3.8273e+02 2.1338e+02 1.1541e+02 6.0672e+01 3.1465e+01 1.5877e+01 7.7592e+00 3.6333e+00 1.6324e+00 7.1744e-01 3.2405e-01 MERGED
6776000 1 813 1 Z 20090916.11 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.729144e-01 29 6.5956e+04 5.6758e+04 5.0107e+04 4.4914e+04 3.8914e+04 3.2630e+04 2.8941e+04 2.3022e+04 1.8096e+04 1.3712e+04 1.0462e+04 7.6728e+03 5.4281e+03 3.8188e+03 2.6081e+03 1.7078e+03 1.0955e+03 6.7236e+02 4.0052e+02 2.3134e+02 1.2880e+02 6.8628e+01 3.5448e+01 1.7515e+01 8.2929e+00 3.7761e+00 1.6364e+00 6.9028e-01 3.0179e-01 MERGED
6776200 1 815 1 Z 20090916.24 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.876912e-01 29 6.1325e+04 5.2726e+04 4.6497e+04 4.1272e+04 3.5779e+04 3.0154e+04 2.6844e+04 2.1412e+04 1.6822e+04 1.3142e+04 1.0127e+04 7.4488e+03 5.3525e+03 3.8033e+03 2.6497e+03 1.7644e+03 1.1429e+03 7.1960e+02 4.4116e+02 2.6566e+02 1.5731e+02 9.0271e+01 5.0727e+01 2.8127e+01 1.5369e+01 8.2271e+00 4.3511e+00 2.2660e+00 1.1662e+00 5.9227e-01 2.9760e-01 1.4844e-01 MERGED
6776400 1 817 1 Z 20090916.28 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.876912e-01 29 6.2060e+04 5.3727e+04 4.7822e+04 4.3268e+04 3.8074e+04 3.2664e+04 2.9460e+04 2.4183e+04 1.9563e+04 1.5217e+04 1.1821e+04 8.7836e+03 6.2555e+03 4.4065e+03 3.0844e+03 1.9636e+03 1.2629e+03 7.7394e+02 4.6176e+02 2.6714e+02 1.4851e+02 7.8761e+01 4.0285e+01 1.9586e+01 9.0754e+00 4.0658e+00 1.7730e+00 7.7451e-01 3.5364e-01 MERGED
6776600 1 819 1 Z 20090916.39 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.701852e-01 29 6.1107e+04 5.3782e+04 4.6907e+04 4.2364e+04 3.7162e+04 3.1779e+04 2.8534e+04 2.3284e+04 1.8722e+04 1.4469e+04 1.1180e+04 8.2897e+03 5.9006e+03 4.1667e+03 2.8424e+03 1.8468e+03 1.1706e+03 7.0106e+02 4.0639e+02 2.2805e+02 1.2362e+02 6.4384e+01 3.2660e+01 1.5857e+01 7.4557e+00 3.4352e+00 1.5611e+00 7.2940e-01 3.5408e-01 MERGED
6776800 1 821 1 Z 20090917.51 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.883323e-01 29 6.4764e+04 5.6008e+04 4.9796e+04 4.4947e+04 3.9324e+04 3.3399e+04 2.9874e+04 2.4104e+04 1.9132e+04 1.4568e+04 1.1126e+04 8.1482e+03 5.7716e+03 4.0746e+03 2.7980e+03 1.8357e+03 1.1748e+03 7.0822e+02 4.1104e+02 2.2910e+02 1.2463e+02 6.2718e+01 3.1441e+01 1.5257e+01 7.2724e+00 3.4420e+00 1.6212e+00 7.6373e-01 3.7845e-01 MERGED
6777000 1 823 1 Z 20090918.02 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.720787e-01 29 6.5994e+04 5.7062e+04 5.0611e+04 4.5544e+04 3.9658e+04 3.3480e+04 2.9841e+04 2.3950e+04 1.8950e+04 1.4413e+04 1.1010e+04 8.0805e+03 5.7301e+03 4.0483e+03 2.7779e+03 1.8247e+03 1.1737e+03 7.1520e+02 4.2227e+02 2.4155e+02 1.3338e+02 7.0978e+01 3.6941e+01 1.8673e+01 9.1763e+00 4.4347e+00 2.1075e+00 9.9926e-01 4.7626e-01 MERGED
6777200 1 825 1 Z 20090918.14 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.835332e-01 29 7.0892e+04 6.0489e+04 5.2788e+04 4.6914e+04 4.0460e+04 3.4088e+04 3.0550e+04 2.4997e+04 2.0297e+04 1.5874e+04 1.2376e+04 9.2192e+03 6.5943e+03 4.6849e+03 3.2371e+03 2.1497e+03 1.4028e+03 8.7681e+02 5.2557e+02 3.0788e+02 1.7421e+02 9.4755e+01 5.0266e+01 2.5677e+01 1.2677e+01 6.0761e+00 2.8243e+00 1.2925e+00 5.8178e-01 MERGED
6777400 1 827 1 Z 20090918.27 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.732621e-01 29 6.7035e+04 5.6869e+04 4.9473e+04 4.3907e+04 3.7865e+04 3.1980e+04 2.8795e+04 2.3967e+04 2.0094e+04 1.6510e+04 1.3560e+04 1.0683e+04 8.0409e+03 5.9400e+03 4.2364e+03 2.8922e+03 1.9321e+03 1.2304e+03 7.4555e+02 4.3913e+02 2.4960e+02 1.3527e+02 7.1868e+01 3.6924e+01 1.8278e+01 8.7078e+00 3.9530e+00 1.7287e+00 7.4058e-01 MERGED
6777600 1 829 1 Z 20090918.38 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.707937e-01 29 6.2519e+04 5.4466e+04 4.8176e+04 4.3132e+04 3.7328e+04 3.1438e+04 2.8160e+04 2.3160e+04 1.9214e+04 1.5704e+04 1.2931e+04 1.0280e+04 7.8495e+03 5.8917e+03 4.2766e+03 2.9809e+03 2.0402e+03 1.3401e+03 8.4861e+02 5.1802e+02 3.0757e+02 1.7356e+02 9.5464e+01 5.0312e+01 2.5362e+01 1.2198e+01 5.5483e+00 2.3865e+00 9.6783e-01 MERGED
6777800 1 831 1 Z 20090918.49 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.871147e-01 29 6.4741e+04 5.4472e+04 4.6967e+04 4.1321e+04 3.5242e+04 2.9388e+04 2.6259e+04 2.1566e+04 1.7876e+04 1.4552e+04 1.1890e+04 9.3481e+03 7.0473e+03 5.2323e+03 3.7682e+03 2.6170e+03 1.7938e+03 1.1849e+03 7.5185e+02 4.6549e+02 2.7833e+02 1.5820e+02 8.7689e+01 4.6673e+01 2.3899e+01 1.1774e+01 5.5405e+00 2.4976e+00 1.0896e+00 MERGED
6778000 1 833 1 Z 20090919.00 Rb 4.16667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.894872e-01 29 6.4713e+04 5.2918e+04 4.4717e+04 3.8731e+04 3.2464e+04 2.6608e+04 2.3586e+04 1.9192e+04 1.5859e+04 1.2914e+04 1.0570e+04 8.3357e+03 6.3140e+03 4.7076e+03 3.3945e+03 2.3469e+03 1.5928e+03 1.0385e+03 6.5133e+02 4.0012e+02 2.3846e+02 1.3567e+02 7.5378e+01 4.0343e+01 2.0838e+01 1.0431e+01 5.0349e+00 2.3625e+00 1.0619e+00 MERGED
6778200 1 835 1 
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SMARTem V TEM data file - created Sun Sep 15 09:04:53 2002 ** GAINS MERGED**
LINE:477100  DATATYPE:TEM  INSTRUMENT:SMARTem  UNITS:(uV/A)  CONFIG:COINCIDENT  INITDELAY:0.240  TRANSMITTER:GGT-10  LSIDE:200
STN LOOP RDNG ADC C NADC TIME OPERATOR FREQ CURR SAMP RATE GAIN NSTACKS DIR FLAGS SFTIMES RAMP DELAY NOISE NCH CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 CH30 CH31 CH32 CH33 COMMENT
/TIMESSTART(ms)=8.09,0.11,0.13,0.17,0.21,0.26,0.32,0.40,0.49,0.61,0.76,0.94,1.17,1.46,1.81,2.24,2.79,3.46,4.29,5.33,6.62,8.22,10.20,12.66,15.72,19.52,24.23,30.08,37.35
/TIMESEND(ms)=0.11,0.14,0.17,0.22,0.27,0.33,0.41,0.51,0.63,0.79,0.98,1.21,1.51,1.87,2.32,2.89,3.58,4.45,5.52,6.85,8.51,10.56,13.12,16.28,20.21,25.10,31.16,38.68,48.02
6762900 1 959 1 Z 2 2091509.26 Rb 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 3.208449e-01 33 4.439e+04 4.093e+04 3.807e+04 3.563e+04 3.351e+04 3.164e+04 3.000e+04 2.853e+04 2.722e+04 2.604e+04 2.497e+04 2.400e+04 2.311e+04 2.229e+04 2.153e+04 2.082e+04 2.016e+04 1.954e+04 1.895e+04 1.839e+04 1.785e+04 1.733e+04 1.683e+04 1.634e+04 1.586e+04 1.539e+04 1.492e+04 1.445e+04 1.397e+04 1.348e+04 1.297e+04 1.244e+04 1.188e+04 1.128e+04 1.063e+04 9.923e+03 9.144e+03 8.270e+03 7.284e+03 6.179e+03 4.944e+03 3.577e+03 2.078e+03 4.439e+02 -1.357e+03 -3.153e+03 -4.951e+03 -6.750e+03 -8.550e+03 -1.035e+04 -1.215e+04 -1.395e+04 -1.575e+04 -1.755e+04 -1.935e+04 -2.115e+04 -2.295e+04 -2.475e+04 -2.655e+04 -2.835e+04 -3.015e+04 -3.195e+04 -3.375e+04 -3.555e+04 -3.735e+04 -3.915e+04 -4.095e+04 -4.275e+04 -4.455e+04 -4.635e+04 -4.815e+04 -4.995e+04 -5.175e+04 -5.355e+04 -5.535e+04 -5.715e+04 -5.895e+04 -6.075e+04 -6.255e+04 -6.435e+04 -6.615e+04 -6.795e+04 -6.975e+04 -7.155e+04 -7.335e+04 -7.515e+04 -7.695e+04 -7.875e+04 -8.055e+04
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SMARTem V TEM data file - created Tue Sep 03 07:45:44 2002 **MERGED**
LINE:478400  DATATYPE:TEM  INSTRUMENT:SMARTem  UNITS:(uV/A)  CONFIG:COINCIDENT  INITDELAY:0.240  TRANSMITTER:GGT-10  LSIDE:200
STN LOOP RDNG ADC C NADC TIME OPERATOR FREQ CURR SAMP_RATE GAIN NSTACKS DIR FLAGS SFTHRES RAMP DELAY NOISE NCH CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 COMMENT
6760900 1 459 1 Z 1 20090308.45 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 2.943832e-01 29 6.2494e+04 6.1484e+04 6.0362e+04 5.8964e+04 5.6266e+04 5.1983e+04 4.8458e+04 4.1402e+04 3.3934e+04 2.6076e+04 1.9552e+04 1.3594e+04 8.7294e+03 5.4067e+03 3.1516e+03 1.6415e+03 8.7407e+02 4.2830e+02 1.9871e+02 8.8914e+01 3.8525e+01 1.5907e+01 6.3898e+00 2.4047e+00 8.5843e-01 2.6992e-01 7.3068e-02 2.8955e-03 -6.1567e-03 MERGED
6761100 1 461 1 Z 1 20090308.02 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.453582e-01 29 3.3890e+04 3.3181e+04 3.2569e+04 3.1933e+04 3.0793e+04 2.8940e+04 2.7317e+04 2.3867e+04 1.9948e+04 1.5607e+04 1.1869e+04 8.3678e+03 5.4477e+03 3.4184e+03 1.8876e+03 1.1066e+03 5.9218e+02 2.9285e+02 1.3677e+02 6.1306e+01 2.6503e+01 1.0965e+01 4.4920e+00 1.7815e+00 6.7259e-01 2.7332e-01 1.2122e-01 7.9982e-02 1.0165e-01 MERGED
6761300 1 463 1 Z 1 20090308.13 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 6.658069e-01 29 3.1128e+04 3.0756e+04 3.0457e+04 3.0100e+04 2.9308e+04 2.7802e+04 2.6377e+04 2.3199e+04 1.9425e+04 1.5130e+04 1.1382e+04 7.8737e+03 4.9863e+03 3.0282e+03 1.6664e+03 9.0940e+02 4.5979e+02 2.1988e+02 1.0054e+02 4.5015e+01 1.9941e+01 8.7347e+00 3.7743e+00 1.5196e+00 6.4136e-01 2.3423e-01 6.4895e-02 8.8262e-03 -1.6802e-02 MERGED
6761500 1 465 1 Z 1 20090308.28 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.476271e-01 29 4.4976e+04 4.3736e+04 4.1845e+04 3.9498e+04 3.5554e+04 3.0277e+04 2.6645e+04 2.0397e+04 1.4987e+04 1.0237e+04 6.9068e+03 4.2865e+03 2.1852e+03 1.3443e+03 7.2590e+02 3.7738e+02 1.9752e+02 1.0136e+02 5.1755e+01 2.6436e+01 1.3263e+01 6.4056e+00 2.9928e+00 1.2768e+00 5.0357e-01 1.4943e-01 6.1638e-03 -3.8724e-02 -1.5475e-02 MERGED
6761700 1 467 1 Z 1 20090308.45 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.590248e-01 29 4.1155e+04 4.0871e+04 4.0346e+04 3.9438e+04 3.7327e+04 3.3750e+04 3.0774e+04 2.4946e+04 1.9133e+04 1.3497e+04 9.2667e+03 5.7961e+03 3.3148e+03 1.7237e+03 9.3680e+02 4.7527e+02 2.4151e+02 1.2016e+02 5.9607e+01 2.9638e+01 1.4507e+01 6.7574e+00 3.0241e+00 1.2436e+00 4.7096e-01 1.3333e-01 3.5634e-02 1.0679e-03 -5.2973e-03 MERGED
6761900 1 469 1 Z 1 20090309.00 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.414890e-01 29 3.4719e+04 3.4271e+04 3.3900e+04 3.3403e+04 3.2233e+04 3.0088e+04 2.8145e+04 2.4956e+04 1.9580e+04 1.4852e+04 1.0985e+04 7.5316e+03 4.7923e+03 2.9653e+03 1.6771e+03 9.4944e+02 5.1149e+02 2.5867e+02 1.2474e+02 5.8105e+01 2.6111e+01 1.1071e+01 4.4432e+00 1.5960e+00 4.7555e-01 8.9747e-02 -2.8134e-02 -4.9041e-02 -2.7175e-02 MERGED
6762100 1 471 1 Z 1 20090309.19 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.443813e-01 29 3.5430e+04 3.3796e+04 3.2436e+04 3.1140e+04 2.9177e+04 2.6518e+04 2.4546e+04 2.0814e+04 1.7053e+04 1.3191e+04 1.0022e+04 7.1378e+03 4.7692e+03 3.1184e+03 1.8533e+03 1.1600e+03 6.8282e+02 3.7955e+02 2.0060e+02 1.0067e+02 4.7420e+01 2.0393e+01 8.1593e+00 2.9603e+00 9.3297e-01 2.5025e-01 4.8605e-02 -7.1193e-03 -1.4572e-02 MERGED
6762300 1 473 1 Z 1 20090309.36 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.449198e-01 29 2.8704e+04 2.7730e+04 2.7057e+04 2.6543e+04 2.5892e+04 2.5003e+04 2.4224e+04 2.2389e+04 1.9909e+04 1.6666e+04 1.3446e+04 1.0083e+04 6.9861e+03 4.6520e+03 2.9305e+03 1.6463e+03 9.7745e+02 5.4363e+02 2.8946e+02 1.4814e+02 7.1852e+01 3.2006e+01 1.3197e+01 4.8362e+00 1.4889e+00 2.9147e-01 -8.0135e-02 -1.0796e-01 -3.5998e-02 MERGED
6762500 1 475 1 Z 1 20090309.53 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.513955e-01 29 1.5850e+04 1.4699e+04 1.4360e+04 1.4150e+04 1.3402e+04 1.2203e+04 1.1042e+04 9.6997e+03 8.1810e+03 6.3997e+03 5.3929e+03 3.8675e+03 2.6686e+03 1.7606e+03 1.1640e+03 7.4031e+02 4.1720e+02 2.2453e+02 1.1633e+02 5.7471e+01 2.6347e+01 1.1254e+01 4.3332e+00 1.4690e+00 4.2287e-01 1.1854e-02 -2.0554e-02 -3.8963e-02 MERGED
6762700 1 477 1 Z 1 20090310.04 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.578162e-01 29 1.9738e+04 1.9002e+04 1.8508e+04 1.8137e+04 1.7665e+04 1.7019e+04 1.6458e+04 1.5168e+04 1.3472e+04 1.1304e+04 9.1754e+03 6.9526e+03 4.8897e+03 3.3130e+03 1.8286e+03 1.2039e+03 7.2955e+02 4.1972e+02 2.2895e+02 1.2067e+02 6.1067e+01 2.8960e+01 1.3066e+01 5.4896e+00 2.1346e+00 7.9321e-01 2.7581e-01 7.5458e-02 1.8395e-02 MERGED
6762900 1 479 1 Z 1 20090310.15 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.599186e-01 29 1.8915e+04 1.8020e+04 1.7408e+04 1.6930e+04 1.6306e+04 1.5473e+04 1.4801e+04 1.3360e+04 1.1618e+04 9.5271e+03 7.5748e+03 5.6153e+03 3.8647e+03 2.1807e+03 1.5426e+03 9.7969e+02 5.9083e+02 3.3596e+02 1.8533e+02 1.0005e+02 5.2357e+01 2.5906e+01 1.2205e+01 5.3035e+00 2.1051e+00 7.5014e-01 2.3617e-01 3.8337e-02 -1.4860e-03 MERGED
6763100 1 481 1 Z 1 20090310.32 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.554935e-01 29 1.7284e+04 1.6435e+04 1.5922e+04 1.5564e+04 1.5102e+04 1.4518e+04 1.3988e+04 1.2797e+04 1.1218e+04 9.2722e+03 7.3148e+03 5.4664e+03 3.7438e+03 2.1294e+03 1.5064e+03 9.5716e+02 5.7720e+02 3.2814e+02 1.8104e+02 9.7693e+01 5.1134e+01 2.5344e+01 1.1934e+01 5.1843e+00 2.0577e+00 7.3304e-01 2.3087e-01 1.4489e-02 -1.4486e-01 MERGED
6763300 1 484 1 Z 1 20090311.33 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.576359e-01 29 2.7511e+04 2.6163e+04 2.5190e+04 2.4425e+04 2.3450e+04 2.2177e+04 2.1164e+04 1.9010e+04 1.6441e+04 1.3395e+04 1.0582e+04 7.7848e+03 5.3107e+03 2.7779e+03 1.8378e+03 1.1821e+03 6.8464e+02 3.7651e+02 1.9721e+02 1.0028e+02 4.9659e+01 2.3736e+01 1.1202e+01 5.0709e+00 2.1614e+00 8.5391e-01 2.9694e-01 8.2984e-02 5.9263e-03 MERGED
6763500 1 487 1 Z 1 20090311.48 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.615109e-01 29 4.2741e+04 3.9832e+04 3.7787e+04 3.6113e+04 3.3881e+04 3.1063e+04 2.9034e+04 2.5171e+04 2.1138e+04 1.6779e+04 1.2993e+04 9.3696e+03 6.2640e+03 4.0447e+03 2.0374e+03 1.3319e+03 7.9479e+02 4.3351e+02 2.2642e+02 1.1557e+02 5.7565e+01 2.7587e+01 1.2944e+01 5.7364e+00 2.3206e+00 8.4521e-01 2.6810e-01 1.3228e-01 4.8659e-02 MERGED
6763700 1 489 1 Z 1 20090312.03 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.537759e-01 29 5.2691e+04 5.0477e+04 4.6523e+04 4.3616e+04 3.9346e+04 3.3952e+04 3.0331e+04 2.4101e+04 1.8621e+04 1.3645e+04 9.9779e+03 6.8997e+03 4.5408e+03 2.3134e+03 1.6806e+03 1.1141e+03 6.9180e+02 4.0278e+02 2.2523e+02 1.2199e+02 6.3868e+01 3.1840e+01 1.5439e+01 7.1927e+00 3.1814e+00 1.3273e+00 5.2996e-01 2.2447e-01 8.8413e-02 MERGED
6763900 1 491 1 Z 1 20090312.14 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.695472e-01 29 3.8790e+04 3.6817e+04 3.5545e+04 3.4593e+04 3.3377e+04 3.1757e+04 3.0444e+04 2.7615e+04 2.4178e+04 2.0000e+04 1.6026e+04 1.1961e+04 8.2611e+03 5.4887e+03 3.4517e+03 1.7811e+03 1.1376e+03 6.4787e+02 3.5050e+02 1.8405e+02 9.3541e+01 4.5161e+01 2.1212e+01 9.5641e+00 4.1141e+00 1.7266e+00 6.6447e-01 2.7288e-01 9.0384e-02 MERGED
6764100 1 493 1 Z 1 20090312.24 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.588869e-01 29 4.1562e+04 3.7945e+04 3.5424e+04 3.3585e+04 3.1645e+04 2.9734e+04 2.8591e+04 2.6508e+04 2.4159e+04 2.1161e+04 1.8019e+04 1.4447e+04 1.0784e+04 7.6993e+03 5.1654e+03 3.2296e+03 1.7379e+03 1.0700e+03 5.8323e+02 3.0374e+02 1.5241e+02 7.2675e+01 3.3687e+01 1.4978e+01 6.4110e+00 2.6470e+00 1.0398e+00 3.7944e-01 1.3342e-01 MERGED
6764300 1 495 1 Z 1 20090312.37 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.567195e-01 29 4.0390e+04 3.7185e+04 3.5090e+04 3.3656e+04 3.2259e+04 3.0962e+04 3.0173e+04 2.8566e+04 2.6413e+04 2.3316e+04 1.9849e+04 1.5796e+04 1.1614e+04 8.1327e+03 5.3442e+03 3.2825e+03 1.7432e+03 1.0750e+03 5.9601e+02 3.0228e+02 1.7011e+02 8.6112e+01 4.2304e+01 1.9729e+01 8.6663e+00 3.5853e+00 1.3563e+00 4.8401e-01 1.7318e-01 MERGED
6764500 1 497 1 Z 1 20090312.48 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.682188e-01 29 4.3927e+04 3.9869e+04 3.7017e+04 3.4905e+04 3.2653e+04 3.0460e+04 2.9192e+04 2.6968e+04 2.4562e+04 2.1568e+04 1.8466e+04 1.4930e+04 1.1290e+04 8.1886e+03 5.6016e+03 3.5850e+03 1.9238e+03 1.2342e+03 7.0095e+02 3.7613e+02 1.9471e+02 9.6603e+01 4.7110e+01 2.2228e+01 1.0024e+01 4.2569e+00 1.6603e+00 6.1397e-01 2.1367e-01 MERGED
6764700 1 499 1 Z 1 20090313.00 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.611154e-01 29 4.1673e+04 3.7795e+04 3.5427e+04 3.3150e+04 3.0900e+04 2.9099e+04 2.8361e+04 2.7126e+04 2.5377e+04 2.3048e+04 2.0026e+04 1.6268e+04 1.2377e+04 8.7989e+03 5.9404e+03 3.5438e+03 1.8412e+03 1.0473e+03 5.5145e+02 2.8009e+02 1.4154e+02 6.9995e+01 3.3452e+01 1.5646e+01 7.1943e+00 3.2183e+00 1.3903e+00 5.8919e-01 2.5500e-01 MERGED
6764900 1 501 1 Z 1 20090313.11 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.566705e-01 29 5.2286e+04 4.8068e+04 4.5210e+04 4.2982e+04 4.0183e+04 3.6804e+04 3.4435e+04 3.0002e+04 2.5469e+04 2.0633e+04 1.6432e+04 1.2350e+04 8.7293e+03 6.0064e+03 3.9497e+03 2.0905e+03 1.1434e+03 8.4896e+02 4.7839e+02 2.5989e+02 1.3630e+02 6.8114e+01 3.3181e+01 1.5646e+01 7.1943e+00 3.2183e+00 1.3903e+00 5.8919e-01 2.5500e-01 MERGED
6765100 1 503 1 Z 1 20090313.23 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.612761e-01 29 5.9434e+04 5.4142e+04 5.0285e+04 4.7114e+04 4.3039e+04 3.8242e+04 3.5076e+04 2.9503e+04 2.4238e+04 1.8963e+04 1.4611e+04 1.0566e+04 7.1482e+03 4.7047e+03 2.3575e+03 1.6144e+03 9.9316e+02 5.5699e+02 2.9857e+02 1.5670e+02 8.0978e+01 4.0953e+01 2.0751e+01 1.0373e+01 5.0190e+00 2.3528e+00 1.0522e+00 4.6398e-01 2.0617e-01 MERGED
6765300 1 505 1 Z 1 20090313.35 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.684206e-01 29 6.0317e+04 5.5001e+04 5.1038e+04 4.7814e+04 4.3681e+04 3.8804e+04 3.5604e+04 2.9941e+04 2.4604e+04 1.9248e+04 1.4831e+04 1.0724e+04 7.2557e+03 4.7756e+03 2.3929e+03 1.6384e+03 1.0084e+03 5.6546e+02 3.0308e+02 1.5907e+02 8.2202e+01 4.1576e+01 2.1065e+01 1.0530e+01 5.0966e+00 2.3887e+00 1.0683e+00 4.7104e-01 2.0931e-01 MERGED
6765500 1 507 1 Z 1 20090313.43 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027202020100 20.0 0.24 0.01 1.619881e-01 29 6.6215e+04 6.0417e+04 5.5382e+04 5.1364e+04 4.6273e+04 4.1
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SMARTem V TEM data file - created Sun Sep 15 12:38:20 2002 ** GAINS MERGED**
LINE:478800  DATATYPE:TEM  INSTRUMENT:SMARTem  UNITS:(uV/A)  CONFIG:COINCIDENT  INITDELAY:0.240  TRANSMITTER:GGT-10  LSIDE:200
STN LOOP RDNG ADC C NADC TIME OPERATOR FREQ CURR SAMP_RATE GAIN NSTACKS DIR FLAGS SFTIMES RAMP DELAY NOISE NCH CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 CH30 CH31 CH32 CH33 COMMENT
/TIMESSTART(ms)=0.09,0.11,0.13,0.17,0.21,0.26,0.32,0.40,0.49,0.61,0.76,0.94,1.17,1.46,1.81,2.24,2.79,3.46,4.29,5.33,6.62,8.22,10.20,12.66,15.72,19.52,24.23,30.08,37.35,46.37,57.56,71.46,88.72
/TIMESEND(ms)=0.11,0.14,0.17,0.22,0.27,0.33,0.41,0.51,0.63,0.79,0.98,1.21,1.51,1.87,2.32,2.89,3.58,4.45,5.52,6.85,8.51,10.56,13.12,16.28,20.21,25.10,31.16,38.68,48.02,59.61,74.01,91.88,114.07
6764100 1 984 1 Z 2 20915l2.37 RD 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120100 20.0 20.4 0.01 2.357417e-01 33 5.5184e+04 5.2912e+04 5.0928e+04 4.9104e+04 4.6493e+04 4.3053e+04 4.0488e+04 3.3230e+04 2.8213e+04 2.2705e+04 1.7874e+04 1.3205e+04 9.1373e+03 5.9692e+03 3.8467e+03 2.3508e+03 1.4043e+03 7.9521e+02 4.3003e+02 2.2174e+02 1.0923e+02 5.0394e+01 2.2378e+01 9.4632e+00 3.8194e+00 1.5013e+00 5.5314e-01 2.2413e-01 7.1108e-02 1.5381e-02 1.8344e-02 1.6961e-02 1.5820e-03 MERGED
6764300 1 987 1 Z 2 20915l2.55 RD 2.083333 18.000 31250.000 2.0 128 C:\DATA\COOBER 01100110027200120000 20.0 20.4 0.01 2.218476e-01 33 4.3424e+04 4.1490e+04 3.9830e+04 3.8342e+04 3.6316e+04 3.3790e+04 3.2006e+04 2.8642e+04 2.5130e+04 2.1228e+04 1.7630e+04 1.3878e+04 1.0249e+04 7.2820e+03 4.8790e+03 3.0522e+03 1.8389e+03 1.0382e+03 5.5087e+02 2.8173e+02 1.3689e+02 6.3368e+01 2.8592e+01 1.2429e+01 5.1694e+00 2.0406e+00 7.5194e-01 2.6182e-01 4.7106e-02 -3.7149e-02 -6.0328e-02 -1.1647e-02 -1.0695e-02 MERGED
6764500 1 989 1 Z 2 20915l3.08 RD 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120000 20.0 20.4 0.01 2.702320e-01 33 5.0816e+04 4.7833e+04 4.5303e+04 4.3048e+04 3.9991e+04 3.6240e+04 3.2814e+04 2.8317e+04 2.4003e+04 1.9675e+04 1.6081e+04 1.2626e+04 9.4618e+03 6.5901e+03 4.5818e+03 2.9868e+03 1.8752e+03 1.1039e+03 6.2423e+02 3.3077e+02 1.6739e+02 7.9193e+01 3.6147e+01 1.5756e+01 6.5775e+00 2.6134e+00 9.5744e-01 3.2889e-01 9.2445e-02 2.8075e-02 1.8077e-02 9.0353e-03 5.5849e-02 MERGED
6764700 1 992 1 Z 2 20915l3.22 RD 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120100 20.0 20.4 0.01 1.989982e-01 33 5.4629e+04 5.1141e+04 4.7931e+04 4.4913e+04 4.0724e+04 3.5661e+04 3.2607e+04 2.6966e+04 2.2030e+04 1.7500e+04 1.4007e+04 1.0815e+04 8.0570e+03 5.8464e+03 4.0597e+03 2.6649e+03 1.6978e+03 1.0233e+03 5.8133e+02 3.2056e+02 1.6829e+02 8.3532e+01 3.9751e+01 1.7806e+01 7.6477e+00 3.1194e+00 1.1941e+00 4.5801e-01 1.7686e-01 9.9807e-02 4.1353e-02 1.1740e-02 2.0557e-03 MERGED
6764900 1 994 1 Z 2 20915l3.39 RD 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120000 20.0 20.4 0.01 1.676573e-01 33 7.2756e+04 6.4080e+04 5.6584e+04 5.0140e+04 4.2322e+04 3.4201e+04 2.9678e+04 2.2935e+04 1.7924e+04 1.3830e+04 1.0907e+04 8.3309e+03 6.1125e+03 4.3955e+03 3.0303e+03 1.9734e+03 1.2482e+03 7.4403e+02 4.2938e+02 2.3986e+02 1.2870e+02 6.5818e+01 3.2328e+01 1.5006e+01 6.6142e+00 2.7877e+00 1.1492e+00 5.1569e-01 2.4573e-01 1.4209e-01 6.6888e-02 5.6400e-02 5.8267e-02 MERGED
6765100 1 996 1 Z 2 20915l3.45 RD 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120000 20.0 20.4 0.01 1.858617e-01 33 8.4576e+04 7.4024e+04 6.4747e+04 5.6780e+04 4.7271e+04 3.7627e+04 3.2426e+04 2.4843e+04 1.9301e+04 1.4747e+04 1.1443e+04 8.5110e+03 6.0241e+03 4.1743e+03 2.7675e+03 1.7304e+03 1.0664e+03 6.2042e+02 3.5128e+02 1.9271e+02 1.0354e+02 5.3202e+01 2.6580e+01 1.2652e+01 5.7562e+00 2.5290e+00 1.0527e+00 4.8719e-01 2.3740e-01 1.7663e-01 1.1282e-01 7.3712e-02 4.7465e-02 MERGED
6765300 1 999 1 Z 2 20915l4.14 RD 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120000 20.0 20.4 0.01 2.115894e-01 33 4.5301e+04 3.5478e+04 3.1143e+04 2.7609e+04 2.3491e+04 1.9292e+04 1.6952e+04 1.3359e+04 1.0487e+04 7.9424e+03 5.7038e+03 4.1132e+03 2.8252e+03 1.9217e+03 1.2999e+03 0.8354e+02 5.2344e+02 3.2295e+02 1.9415e+02 1.1294e+02 6.3491e+01 3.3810e+01 1.7264e+01 8.3489e+00 3.8515e+00 1.7470e+00 8.2197e-01 3.7067e-01 1.2174e-01 -3.3127e-02 -1.3867e-04 7.3973e-02 1.6778e-02 MERGED
6765500 1 1002 1 Z 2 20915l4.24 RD 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120000 20.0 20.4 0.01 2.854440e-01 33 5.0293e+04 4.6084e+04 4.2403e+04 3.9117e+04 3.4835e+04 2.9945e+04 2.9235e+04 2.3704e+04 1.8931e+04 1.4509e+04 1.1075e+04 8.2562e+03 5.5882e+03 3.6862e+03 2.3179e+03 1.3791e+03 7.8680e+02 4.4294e+02 2.4209e+02 1.2834e+02 6.7139e+01 3.3578e+01 1.6369e+01 7.7145e+00 3.5224e+00 1.5292e+00 5.9691e-01 2.9090e-01 2.0655e-01 1.0287e-01 -1.1923e-01 1.2687e-02 1.9208e-01 MERGED
```

SMARTem V TEM data file - created Thu Sep 05 07:53:37 2002 ** GAINS MERGED**
LINE:481000 DATATYPE:TEM INSTRUMENT:SMARTem UNITS:(uV/A) CONFIG:COINCIDENT INITDELAY:0.240 TRANSMITTER:GGT-10 LSIDE:206
STN LOOP MEA ADC X-RATE Y-RATE Z-RATE FREQ CURR SAMP GAIN CHOPPER DELAY NOISE CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 COMMENT
!TIMESSTART(ms)=0.09,0.11,0.13,0.17,0.21,0.26,0.32,0.40,0.49,0.61,0.76,0.94,1.17,1.46,1.81,2.24,2.79,3.46,4.29,5.33,6.62,8.22,10.20,12.66,15.72,19.52,24.23,30.08,37.35
!TIMESEND(ms)=0.11,0.14,0.17,0.22,0.27,0.33,0.41,0.51,0.63,0.79,0.98,1.21,1.51,1.87,2.32,2.89,3.58,4.45,5.52,6.85,8.51,10.56,13.12,16.28,20.21,25.10,31.16,38.68,48.02
6763700 1 573 1 Z 2 2090508.14 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100100 20.0 0.24 0.01 2.729117e-01 29 9.8257e+04 8.5964e+04 7.4982e+04 6.5186e+04 5.2902e+04 3.9900e+04 3.2666e+04 2.2050e+04 1.4547e+04 8.9765e+03 5.5998e+03 3.2273e+03 1.7439e+03 9.3832e+02 4.7993e+02 2.3760e+02 1.1543e+02 5.4486e+01 2.5201e+01 1.1615e+01 5.2901e+00 2.3572e+00 1.0170e+00 4.5314e-01 2.1088e-01 1.5326e-01 1.4799e-01 1.5290e-01 1.6234e-01 MERGED
6763900 1 573 1 Z 2 2090508.27 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100200 20.0 0.24 0.01 2.975096e-01 29 9.8184e+04 8.6364e+04 7.5796e+04 6.6270e+04 5.4144e+04 4.1146e+04 3.3838e+04 2.3048e+04 1.5362e+04 9.6068e+03 6.0749e+03 3.5572e+03 1.9524e+03 1.0631e+03 5.4796e+02 2.7213e+02 1.3170e+02 6.1279e+01 2.7451e+01 1.1979e+01 4.9943e+00 1.8816e+00 6.0791e-01 7.8119e-02 -6.1917e-02 -8.1314e-02 -5.0908e-02 -1.3018e-02 3.1553e-02 MERGED
6764100 1 575 1 Z 2 2090508.39 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 2.872372e-01 29 9.6594e+04 8.3170e+04 7.6034e+04 6.9030e+04 5.9125e+04 4.7391e+04 4.0122e+04 2.8586e+04 1.9624e+04 1.2487e+04 7.9312e+03 4.6277e+03 2.5110e+03 1.3502e+03 6.8809e+02 3.3980e+02 1.6420e+02 7.6174e+01 3.3688e+01 1.4243e+01 5.6565e+00 2.0313e+00 6.2744e-01 7.3713e-02 -8.4844e-02 -8.5970e-02 -5.2416e-02 -1.4504e-02 1.4498e-02 MERGED
6764300 1 577 1 Z 2 2090508.51 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100100 20.0 0.24 0.01 3.057912e-01 29 9.6372e+04 7.8613e+04 7.1514e+04 6.4834e+04 5.5712e+04 4.5104e+04 3.8572e+04 2.9154e+04 1.9920e+04 1.3184e+04 8.7283e+03 5.3591e+03 2.9709e+03 1.7479e+03 9.4921e+02 4.7972e+02 2.3904e+02 1.0992e+02 4.7718e+01 1.9511e+01 7.4114e+00 2.4805e+00 6.9143e-01 9.7850e-02 -5.1056e-02 -6.8650e-02 -5.0810e-02 -1.2668e-02 2.3341e-02 MERGED
6764500 1 579 1 Z 2 2090509.03 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 2.925175e-01 29 9.8242e+04 8.1876e+04 7.4838e+04 6.8058e+04 5.8662e+04 4.7666e+04 4.0868e+04 2.9998e+04 2.1357e+04 1.4228e+04 9.4570e+03 5.8098e+03 3.3166e+03 1.8575e+03 9.8949e+02 4.8969e+02 2.4129e+02 1.1127e+02 4.9607e+01 2.1239e+01 8.5323e+00 3.0079e+00 9.6134e-01 2.0987e-01 1.4617e-02 -3.7121e-02 -3.8658e-02 1.7175e-02 3.5333e-02 MERGED
6764700 1 581 1 Z 2 2090509.15 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 2.878744e-01 29 9.3279e+04 8.6602e+04 7.9596e+04 7.2423e+04 6.2057e+04 4.9706e+04 4.2061e+04 2.9973e+04 2.0636e+04 1.3234e+04 8.5197e+03 5.0860e+03 2.8553e+03 1.5997e+03 8.6708e+02 4.4306e+02 2.2640e+02 1.0871e+02 5.0275e+01 2.2194e+01 9.1695e+00 3.4107e+00 1.0865e+00 2.3880e-01 2.4735e-02 -2.0523e-02 -2.6817e-02 2.8205e-02 3.3464e-02 MERGED
6764900 1 583 1 Z 2 2090509.27 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100100 20.0 0.24 0.01 2.626756e-01 29 9.0070e+04 8.2655e+04 7.5357e+04 6.6672e+04 5.3967e+04 4.2196e+04 3.5686e+04 2.6655e+04 1.8386e+04 1.2078e+04 7.9788e+03 5.0966e+03 3.2294e+03 1.8383e+03 9.9871e+02 5.0460e+02 2.5312e+02 1.1877e+02 5.3960e+01 2.3663e+01 9.9016e+00 3.8995e+00 1.4781e+00 5.9241e-01 1.6058e-01 1.3430e-02 -1.6150e-02 2.1059e-02 2.1060e-02 MERGED
6765100 1 585 1 Z 2 2090509.40 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 2.900988e-01 29 7.6682e+04 6.9685e+04 6.3726e+04 5.8429e+04 5.1430e+04 4.3284e+04 3.8118e+04 2.9494e+04 2.2078e+04 1.5436e+04 1.0632e+04 6.7296e+03 4.3529e+03 2.2187e+03 1.1863e+03 5.8652e+02 2.7865e+02 1.3153e+02 5.7929e+01 2.4569e+01 1.0051e+01 3.9000e+00 1.4467e+00 4.9889e-01 1.4408e-01 3.8771e-02 1.2719e-02 1.1590e-02 2.5737e-02 MERGED
6765300 1 587 1 Z 2 2090509.55 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 2.904363e-01 29 8.4736e+04 7.4392e+04 6.5820e+04 5.8444e+04 4.9254e+04 3.9340e+04 3.3000e+04 2.4736e+04 1.7906e+04 1.2252e+04 8.3784e+03 5.3175e+03 3.1426e+03 1.7351e+03 1.0085e+03 5.2776e+02 2.6917e+02 1.3029e+02 6.1159e+01 2.8075e+01 1.2761e+01 5.7682e+00 2.6016e+00 1.2077e+00 5.2607e-01 2.0215e-01 5.2047e-02 6.7696e-03 3.2333e-02 MERGED
6765500 1 589 1 Z 2 2090510.08 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100100 20.0 0.24 0.01 2.717564e-01 29 8.1417e+04 7.1470e+04 6.3270e+04 5.6095e+04 4.7167e+04 3.7744e+04 3.1636e+04 2.3335e+04 1.6889e+04 1.1556e+04 7.9003e+03 5.0066e+03 2.9494e+03 1.6283e+03 9.1200e+02 4.6953e+02 2.3874e+02 1.1687e+02 5.4693e+01 2.4695e+01 1.0874e+01 4.6955e+00 1.9855e+00 7.9124e-01 2.8977e-01 6.2911e-02 -1.5874e-02 6.2511e-03 2.1059e-02 MERGED
6765700 1 591 1 Z 2 2090510.23 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 2.843628e-01 29 7.4446e+04 6.4816e+04 5.6792e+04 4.9996e+04 4.1801e+04 3.3336e+04 2.8700e+04 2.1952e+04 1.7101e+04 1.3220e+04 1.0438e+04 7.9388e+03 5.7395e+03 4.0218e+03 2.6564e+03 1.6277e+03 9.4985e+02 5.0640e+02 2.5275e+02 1.1749e+02 5.1963e+01 2.1693e+01 8.9501e+00 3.6961e+00 1.5577e+00 6.8891e-01 3.2722e-01 1.5853e-01 9.8217e-02 MERGED
6765900 1 593 1 Z 2 2090511.04 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100100 20.0 0.24 0.01 2.727653e-01 29 7.5591e+04 6.7062e+04 5.9683e+04 5.3170e+04 4.4955e+04 3.6108e+04 3.1080e+04 2.3556e+04 1.8022e+04 1.3962e+04 1.0842e+04 8.5423e+03 6.3707e+03 4.6289e+03 3.2848e+03 2.1767e+03 1.3683e+03 7.8623e+02 4.2113e+02 2.1685e+02 1.0896e+02 5.3988e+01 2.7397e+01 1.3896e+01 7.5075e+00 4.0951e+00 2.2923e+00 1.2722e+00 6.9115e-01 3.6964e-01 1.9128e-01 MERGED
6766100 1 595 1 Z 2 2090511.42 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 3.058516e-01 29 9.0485e+04 6.2443e+04 5.6399e+04 5.0992e+04 4.3950e+04 3.6072e+04 3.1384e+04 2.4068e+04 1.8366e+04 1.3611e+04 1.0252e+04 7.4268e+03 5.1793e+03 3.5907e+03 2.4190e+03 1.5683e+03 1.0041e+03 6.1378e+02 3.6596e+02 2.1248e+02 1.1949e+02 6.5191e+01 3.4951e+01 1.8120e+01 9.0049e+00 4.2692e+00 1.9209e+00 8.1564e-01 3.3164e-01 MERGED
6766300 1 597 1 Z 2 2090511.55 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 2.949465e-01 29 6.6326e+04 5.9812e+04 5.4433e+04 4.9742e+04 4.3646e+04 3.6678e+04 3.2376e+04 2.5419e+04 1.9740e+04 1.4848e+04 1.1314e+04 8.2921e+03 5.8420e+03 4.0758e+03 2.7548e+03 1.7906e+03 1.1544e+03 7.1860e+02 4.4394e+02 2.7154e+02 1.6326e+02 9.5908e+01 5.5340e+01 3.0757e+01 1.6261e+01 8.1561e+00 3.7845e+00 1.6600e+00 7.0399e-01 MERGED
6766500 1 599 1 Z 2 2090512.07 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100100 20.0 0.24 0.01 2.885058e-01 29 7.0599e+04 6.3662e+04 5.8085e+04 5.3170e+04 4.6855e+04 3.8992e+04 3.4553e+04 2.7192e+04 2.1178e+04 1.6026e+04 1.2378e+04 9.4139e+03 7.0631e+03 5.0654e+03 3.5408e+03 2.3981e+03 1.5826e+03 1.0202e+03 6.3813e+02 3.8611e+02 2.3026e+02 1.3326e+02 7.4977e+01 4.0966e+01 2.1777e+01 1.1582e+01 6.0588e+00 3.1662e+00 1.6388e+00 8.3766e-01 MERGED
6766700 1 601 1 Z 2 2090512.22 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 8.222258e-01 29 5.8229e+04 5.2458e+04 4.7642e+04 4.3569e+04 3.8604e+04 3.3227e+04 2.9972e+04 2.4572e+04 1.9812e+04 1.5330e+04 1.1889e+04 8.8712e+03 6.4415e+03 4.7175e+03 3.4188e+03 2.4262e+03 1.7142e+03 1.1783e+03 7.8769e+02 5.2201e+02 3.4122e+02 2.1774e+02 1.3729e+02 8.4637e+01 5.0584e+01 2.9187e+01 1.6115e+01 8.4638e+00 4.2117e+00 MERGED
6766900 1 603 1 Z 2 2090512.33 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 3.079237e-01 29 5.5198e+04 5.0152e+04 4.5902e+04 4.2265e+04 3.7776e+04 3.2880e+04 2.9904e+04 2.4948e+04 2.0512e+04 1.6227e+04 1.2808e+04 9.7072e+03 7.1235e+03 5.2438e+03 3.8089e+03 2.7066e+03 1.9152e+03 1.3174e+03 8.8373e+02 5.7765e+02 3.7235e+02 2.3365e+02 1.4518e+02 8.9523e+01 5.4659e+01 3.2893e+01 1.9286e+01 1.0910e+01 5.8888e+00 MERGED
6767100 1 605 1 Z 2 2090512.46 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100100 20.0 0.24 0.01 3.046880e-01 29 5.2244e+04 4.6741e+04 4.2256e+04 3.8556e+04 3.4217e+04 2.9742e+04 2.7176e+04 2.3056e+04 1.9440e+04 1.5878e+04 1.2901e+04 1.0056e+04 7.5470e+03 5.6375e+03 4.1355e+03 2.9605e+03 2.1081e+03 1.4581e+03 9.8204e+02 6.4298e+02 4.1360e+02 2.5759e+02 1.5768e+02 9.5132e+01 5.6569e+01 3.3260e+01 1.9264e+01 1.0997e+01 6.1277e+00 MERGED
6767300 1 609 1 Z 2 2090513.08 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 3.013077e-01 29 5.7660e+04 5.1215e+04 4.5870e+04 4.1424e+04 3.6200e+04 3.0833e+04 2.7784e+04 2.2953e+04 1.8838e+04 1.4948e+04 1.1859e+04 9.0527e+03 6.7067e+03 4.9955e+03 3.6852e+03 2.6694e+03 1.9271e+03 1.3525e+03 9.2349e+02 6.1241e+02 3.9806e+02 2.4988e+02 1.5386e+02 9.3123e+01 5.5505e+01 3.2717e+01 1.8970e+01 1.0833e+01 6.0491e+00 MERGED
6767500 1 611 1 Z 2 2090513.20 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100100 20.0 0.24 0.01 2.827617e-01 29 5.4384e+04 4.7550e+04 4.2302e+04 3.8144e+04 3.3418e+04 2.8617e+04 2.5879e+04 2.1504e+04 1.7745e+04 1.4182e+04 1.1340e+04 8.7402e+03 6.5416e+03 4.9141e+03 3.6508e+03 2.6604e+03 1.9318e+03 1.3644e+03 9.3768e+02 6.2606e+02 4.0955e+02 2.5870e+02 1.5992e+02 9.6911e+01 5.7694e+01 3.3899e+01 1.9581e+01 1.1128e+01 6.1937e+00 MERGED
6767700 1 928 1 Z 2 2091409.32 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 3.032862e-01 29 5.3014e+04 4.6936e+04 4.2128e+04 3.8216e+04 3.3660e+04 2.8972e+04 2.6298e+04 2.2050e+04 1.8420e+04 1.4946e+04 1.2110e+04 9.4413e+03 7.1131e+03 5.3482e+03 3.9597e+03 2.8698e+03 2.0721e+03 1.4561e+03 9.9672e+02 6.6725e+02 4.3180e+02 2.7156e+02 1.6697e+02 1.0054e+02 5.9343e+01 3.4528e+01 1.9774e+01 1.1126e+01 6.1231e+00 MERGED
6767900 1 930 1 Z 2 2091410.08 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100100 20.0 0.24 0.01 3.067228e-01 29 5.1773e+04 4.5882e+04 4.1273e+04 3.7488e+04 3.3104e+04 2.8552e+04 2.5944e+04 2.1777e+04 1.8228e+04 1.4802e+04 1.2000e+04 9.3654e+03 7.0654e+03 5.3154e+03 3.9354e+03 2.8547e+03 2.0625e+03 1.4497e+03 9.9264e+02 6.6488e+02 4.3060e+02 2.7090e+02 1.6670e+02 1.0045e+02 5.9343e+01 3.4572e+01 1.9852e+01 1.1203e+01 6.2026e+00 MERGED
6768100 1 934 1 Z 2 2091410.09 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 3.141793e-01 29 5.7153e+04 5.2485e+04 4.8276e+04 4.4496e+04 3.9652e+04 3.4300e+04 3.1087e+04 2.5860e+04 2.1324e+04 1.6986e+04 1.3492e+04 1.0276e+04 7.5515e+03 5.5567e+03 4.0376e+03 2.8790e+03 2.0494e+03 1.4222e+03 9.6315e+02 6.3574e+02 4.1276e+02 2.5950e+02 1.6004e+02 9.6983e+01 5.7750e+01 3.3943e+01 1.9618e+01 1.1141e+01 6.1538e+00 MERGED
6768300 1 936 1 Z 2 2091410.21 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100100 20.0 0.24 0.01 2.932398e-01 29 4.9851e+04 4.3600e+04 3.9644e+04 3.4910e+04 3.2633e+04 2.9977e+04 2.6256e+04 2.2528e+04 2.2331e+04 1.9180e+04 1.6250e+04 1.3141e+04 1.0088e+04 7.7006e+03 5.5006e+03 3.8477e+03 2.6954e+03 1.8284e+03 1.2118e+03 7.8327e+02 5.0901e+02 3.0972e+02 1.8563e+02 1.1273e+02 6.6614e+01 3.7892e+01 2.1278e+01 1.1895e+01 6.1514e+00 MERGED
6768500 1 938 1 Z 2 2091410.34 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 2.901727e-01 29 4.2289e+04 3.9418e+04 3.7605e+04 3.4927e+04 3.2335e+04 2.9478e+04 2.7726e+04 2.4728e+04 2.1854e+04 1.8717e+04 1.5786e+04 1.2693e+04 9.6977e+03 7.2610e+03 5.2743e+03 3.7124e+03 2.5988e+03 1.7746e+03 1.1866e+03 7.5774e+02 4.9598e+02 3.1103e+02 1.8867e+02 1.1232e+02 6.3766e+01 3.5589e+01 1.9266e+01 1.0668e+01 5.3416e+00 MERGED
6769100 1 940 1 Z 2 2091411.42 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100100 20.0 0.24 0.01 3.146766e-01 29 4.8759e+04 4.5804e+04 4.3323e+04 4.1166e+04 3.8374e+04 3.5065e+04 3.2816e+04 2.8645e+04 2.4359e+04 1.9758e+04 1.5783e+04 1.1986e+04 8.7033e+03 6.2862e+03 4.4666e+03 3.1154e+03 2.1818e+03 1.4966e+03 1.0054e+03 6.5798e+02 4.2228e+02 2.6107e+02 1.5713e+02 9.1937e+01 5.2109e+01 2.8654e+01 1.5156e+01 7.7028e+00 3.7416e+00 MERGED
6769300 1 942 1 Z 2 2091411.54 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 2.875790e-01 29 4.3757e+04 4.0966e+04 3.8722e+04 3.6132e+04 3.3412e+04 3.0477e+04 2.8512e+04 2.5127e+04 2.1412e+04 1.8000e+04 1.4944e+04 1.2132e+04 9.5146e+03 7.2724e+03 5.4124e+03 3.9596e+03 2.8447e+03 2.0196e+03 1.4139e+03 9.7596e+02 6.6488e+02 4.4172e+02 2.8966e+02 1.8665e+02 1.1744e+02 7.2296e+01 4.3782e+01 2.6004e+01 1.5107e+01 8.6026e+00 4.7822e+00 MERGED
6769500 1 944 1 Z 2 2091412.09 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 2.955480e-01 29 4.9792e+04 4.6150e+04 4.3232e+04 4.0818e+04 3.7885e+04 3.4621e+04 3.2500e+04 2.8612e+04 2.4568e+04 2.0100e+04 1.6130e+04 1.2264e+04 8.8856e+03 6.3952e+03 4.5242e+03 3.1319e+03 2.1619e+03 1.4449e+03 9.3292e+02 5.7860e+02 3.4673e+02 1.9565e+02 1.0645e+02 5.4867e+01 2.6868e+01 1.2555e+01 5.6333e+00 2.4911e+00 1.1209e+00 MERGED
6769700 1 946 1 Z 2 2091412.23 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100100 20.0 0.24 0.01 3.163741e-01 29 5.7686e+04 5.4080e+04 5.0964e+04 4.8194e+04 4.4513e+04 4.0858e+04 3.6992e+04 3.1358e+04 2.5792e+04 2.0174e+04 1.5654e+04 1.1590e+04 8.2396e+03 5.8222e+03 3.9951e+03 2.6250e+03 1.6882e+03 1.0349e+03 6.0390e+02 3.4473e+02 1.8933e+02 1.0043e+02 5.2074e+01 2.6076e+01 1.2630e+01 5.9690e+00 2.8002e+00 1.2802e+00 5.8385e-01 MERGED
6769900 1 948 1 Z 2 2091412.35 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 3.075903e-01 29 5.4259e+04 5.0911e+04 4.8000e+04 4.5412e+04 4.2000e+04 3.8412e+04 3.5000e+04 3.0000e+04 2.4000e+04 1.8000e+04 1.3000e+04 9.0000e+03 6.0000e+03 4.0000e+03 2.5000e+03 1.5000e+03 9.0000e+02 5.0000e+02 2.5000e+02 1.2000e+02 5.5000e+01 2.5000e+01 1.1000e+01 4.8000e+00 2.0000e+00 8.0000e-01 3.0000e-01 1.0000e-01 MERGED
6770100 1 950 1 Z 2 2091412.55 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100100 20.0 0.24 0.01 3.017363e-01 29 9.1568e+04 7.3912e+04 6.7068e+04 6.0808e+04 5.2452e+04 4.2886e+04 3.7092e+04 2.8010e+04 2.0988e+04 1.5259e+04 1.1329e+04 8.0876e+03 5.5369e+03 3.7456e+03 2.4394e+03 1.5143e+03 9.2461e+02 5.3831e+02 3.0683e+02 1.7035e+02 9.3118e+01 4.9197e+01 2.5752e+01 1.3302e+01 6.8769e+00 3.6005e+00 1.9571e+00 1.1000e+00 6.1940e-01 MERGED
6770300 1 953 1 Z 2 2091413.08 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100000 20.0 0.24 0.01 2.941464e-01 29 9.3674e+04 7.9546e+04 6.8172e+04 5.8898e+04 4.8088e+04 3.7168e+04 3.1296e+04 2.2850e+04 1.6941e+04 1.2394e+04 9.3293e+03 6.7603e+03 4.6799e+03 3.1818e+03 2.0720e+03 1.2819e+03 7.7176e+02 4.5046e+02 2.5480e+02 1.4035e+02 7.5996e+01 3.9678e+01 2.0486e+01 1.0426e+01 5.3262e+00 2.7473e+00 1.4769e+00 8.1780e-01 4.8671e-01 MERGED
6770500 1 955 1 Z 2 2091413.22 R4.16667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110022001202100100 20.0 0.24 0.01 2.972332e-01 29 8.4308e+04 7.4749e+04 6.6662e+04 5.9652e+04 5.0788e+04 4.1041e+04 3.5311e+04 2.6492e+04 1.9824e+04 1.4484e+04 1.0874e+04 7.9085e+03 5.5551e+03 3.8644e+03 2.5884e+03 1.6461e+03 1.0200e+03 6.0948e+02 3.4475e+02 1.8138e+02 9.6214e+01 4.9312e+01 2.5028e+01 1.2434e+01 6.0732e+00 2.9830e+00 1.4847e+00 7.7132e-01 4.1238e-01 MERGED

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SMARTem V TEM data file - created Sat Sep 07 12:30:14 2002 ** GAINS MERGED**
LINE:482100M INSTRUMENT:SMARTem INSTRUMENT:SMARTem UNITS:CONFOCAL INITDELAY:0.240  TRANSMITTER:GGT-10  LSIDE:200
STN LOOP RDNG ADC C NADC TIME OPERATOR FREQ CURR SAMP_RATE GAIN NSTACKS DIR FLAGS SFTHRES RAMP DELAY NOISE NCH CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 COMMENT
/TIMESSTART(ms)=0.09,0.11,0.13,0.17,0.21,0.26,0.32,0.40,0.49,0.61,0.76,0.94,1.17,1.46,1.81,2.24,2.79,3.46,4.29,5.33,6.62,8.22,10.20,12.66,15.72,19.52,24.23,30.08,37.35,46.37,57.56,71.46,88.72
/TIMESEND(ms)=11.0,14.0,17.0,22.0,28.0,35.0,43.0,53.0,66.0,79.0,98.0,121.0,151.0,187.0,232.0,289.0,358.0,445.0,552.0,685.0,851.0,1056.0,1311.0,1627.0,2020.0,2508.0,3114.0,3867.0,4801.0,5961.0,7401.0,9188.0,11409.0,14165.0,17585.0,21829.0,27099.0,33641.0,41771.0,51858.0,64378.0,79918.0,99205.0,123144.0,152884.0,189844.0,235744.0,292664.0,363284.0,451004.0,559844.0,695004.0,862884.0,1071284.0,1329844.0,1650884.0,2049284.0,2544284.0,3158884.0,3920484.0,4865284.0,6039284.0,7495284.0,9301284.0,11543284.0,14325284.0,17778884.0,22066884.0,27387284.0,33985284.0,42164884.0,52324884.0,64955284.0,80654884.0,100132884.0,124292884.0,154244884.0,191444884.0,237604884.0,294884884.0,365964884.0,454164884.0,563524884.0,699284884.0,867844884.0,1077284884.0,1336884884.0,1658884884.0,2058884884.0,2553284884.0,3168884884.0,3931284884.0,4878884884.0,6054884884.0,7514884884.0,9326884884.0,11574884884.0,14366884884.0,17829284884.0,22132884884.0,27476884884.0,34092884884.0,42317284884.0,52516884884.0,65172884884.0,80892884884.0,100388884884.0,124564884884.0,154532884884.0,191748884884.0,237924884884.0,295220884884.0,366316884884.0,454532884884.0,563908884884.0,699684884884.0,868260884884.0,1077716884884.0,1337332884884.0,1659348884884.0,2059012884884.0,2553428884884.0,3169044884884.0,3931460884884.0,4879076884884.0,6055092884884.0,7515108884884.0,9327124884884.0,11575140884884.0,14367156884884.0,17829572884884.0,22133188884884.0,27477204884884.0,34093220884884.0,42317636884884.0,52517252884884.0,65173268884884.0,80893284884884.0,100389300884884.0,124565316884884.0,154533332884884.0,191749348884884.0,237925364884884.0,295221380884884.0,366317396884884.0,454533412884884.0,563909428884884.0,699685444884884.0,868261460884884.0,1077717476884884.0,1337333492884884.0,1659349508884884.0,2059013524884884.0,2553429540884884.0,3169045556884884.0,3931461572884884.0,4879077588884884.0,6055093604884884.0,7515109620884884.0,9327125636884884.0,11575141652884884.0,14367157668884884.0,17829573684884884.0,22133189700884884.0,27477205716884884.0,34093221732884884.0,42317637748884884.0,52517253764884884.0,65173269780884884.0,80893285796884884.0,100389301812884884.0,124565317828884884.0,154533333844884884.0,191749349860884884.0,237925365876884884.0,295221381892884884.0,366317397908884884.0,454533413924884884.0,563909429940884884.0,699685445956884884.0,868261461972884884.0,1077717477988884884.0,1337333494004884884.0,1659349510020884884.0,2059013526036884884.0,2553429542052884884.0,3169045558068884884.0,3931461574084884884.0,4879077590100884884.0,6055093606116884884.0,7515109622132884884.0,9327125638148884884.0,11575141654164884884.0,14367157670180884884.0,17829573686196884884.0,22133189702212884884.0,27477205718228884884.0,34093221734244884884.0,42317637750260884884.0,52517253766276884884.0,65173269782292884884.0,80893285798308884884.0,100389301814324884884.0,124565317830340884884.0,154533333846356884884.0,191749349862372884884.0,237925365878388884884.0,295221381894404884884.0,366317397910420884884.0,454533413926436884884.0,563909429942452884884.0,699685445958468884884.0,868261461974484884884.0,1077717477990500884884.0,1337333494006516884884.0,1659349510022532884884.0,2059013526038548884884.0,2553429542054564884884.0,3169045558070580884884.0,3931461574086596884884.0,4879077590102612884884.0,6055093606118628884884.0,7515109622134644884884.0,9327125638150660884884.0,11575141654166676884884.0,14367157670182692884884.0,17829573686198708884884.0,22133189702214724884884.0,27477205718230740884884.0,34093221734246756884884.0,42317637750262772884884.0,52517253766278788884884.0,65173269782294804884884.0,80893285798310820884884.0,100389301814326836884884.0,124565317830342852884884.0,154533333846358868884884.0,191749349862374884884884.0,237925365878390900884884.0,295221381894406916884884.0,366317397910422932884884.0,454533413926438948884884.0,563909429942454964884884.0,699685445958470980884884.0,868261461974486996884884.0,1077717477990503012884884.0,1337333494006519028884884.0,1659349510022535044884884.0,2059013526038551060884884.0,2553429542054567076884884.0,3169045558070583092884884.0,3931461574086599108884884.0,4879077590102615124884884.0,6055093606118631140884884.0,7515109622134647156884884.0,9327125638150663172884884.0,11575141654166679188884884.0,14367157670182695204884884.0,17829573686198711220884884.0,22133189702214727236884884.0,27477205718230743252884884.0,34093221734246759268884884.0,42317637750262775284884884.0,52517253766278791300884884.0,65173269782294807316884884.0,80893285798310823332884884.0,100389301814326839348884884.0,124565317830342855364884884.0,154533333846358871380884884.0,191749349862374887396884884.0,237925365878390903412884884.0,295221381894406919428884884.0,366317397910422935444884884.0,454533413926438951460884884.0,563909429942454967476884884.0,699685445958470983492884884.0,868261461974486999508884884.0,1077717477990503015524884884.0,1337333494006519031540884884.0,1659349510022535047556884884.0,2059013526038551063572884884.0,255342954205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SMARTem V TEM data file - created Wed Sep 04 07:43:38 2002 ** GAINS MERGED**
LINE:484000  DATATYPE:TEM  INSTRUMENT:SMARTem  UNITS:(uV/A)  CONFIG:COINCIDENT  INITDELAY:0.240  TRANSMITTER:GGT-10  LSIDE:200
STN LOOP RONG ADC C NADC TIME OPERATOR FREQ CURR SAMP_RATE GAIN NSTACKS DIR FLAGS SFTHRES RAMP DELAY NOISE NCH CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 COMMENT
/TIMESSTART(ms):0.00,3.13,6.26,9.39,12.52,15.65,18.78,21.91,25.04,28.17,31.30,34.43,37.56,40.69,43.82,46.95,50.08,53.21,56.34,59.47,62.60,65.73,68.86,71.99,75.12,78.25,81.38,84.51,87.64,90.77,93.90,97.03,100.16,103.29,106.42,109.55,112.68,115.81,118.94,122.07,125.20,128.33,131.46,134.59,137.72,140.85,143.98,147.11,150.24,153.37,156.50,159.63,162.76,165.89,169.02,172.15,175.28,178.41,181.54,184.67,187.80,190.93,194.06,197.19,200.32,203.45,206.58,209.71,212.84,215.97,219.10,222.23,225.36,228.49,231.62,234.75,237.88,241.01,244.14,247.27,250.40,253.53,256.66,259.79,262.92,266.05,269.18,272.31,275.44,278.57,281.70,284.83,287.96,291.09,294.22,297.35,300.48,303.61,306.74,309.87,313.00,316.13,319.26,322.39,325.52,328.65,331.78,334.91,338.04,341.17,344.30,347.43,350.56,353.69,356.82,359.95,363.08,366.21,369.34,372.47,375.60,378.73,381.86,384.99,388.12,391.25,394.38,397.51,400.64,403.77,406.90,410.03,413.16,416.29,419.42,422.55,425.68,428.81,431.94,435.07,438.20,441.33,444.46,447.59,450.72,453.85,456.98,460.11,463.24,466.37,469.50,472.63,475.76,478.89,482.02,485.15,488.28,491.41,494.54,497.67,500.80,503.93,507.06,510.19,513.32,516.45,519.58,522.71,525.84,528.97,532.10,535.23,538.36,541.49,544.62,547.75,550.88,554.01,557.14,560.27,563.40,566.53,569.66,572.79,575.92,579.05,582.18,585.31,588.44,591.57,594.70,597.83,600.96,604.09,607.22,610.35,613.48,616.61,619.74,622.87,626.00,629.13,632.26,635.39,638.52,641.65,644.78,647.91,651.04,654.17,657.30,660.43,663.56,666.69,669.82,672.95,676.08,679.21,682.34,685.47,688.60,691.73,694.86,697.99,701.12,704.25,707.38,710.51,713.64,716.77,719.90,723.03,726.16,729.29,732.42,735.55,738.68,741.81,744.94,748.07,751.20,754.33,757.46,760.59,763.72,766.85,769.98,773.11,776.24,779.37,782.50,785.63,788.76,791.89,795.02,798.15,801.28,804.41,807.54,810.67,813.80,816.93,820.06,823.19,826.32,829.45,832.58,835.71,838.84,841.97,845.10,848.23,851.36,854.49,857.62,860.75,863.88,867.01,870.14,873.27,876.40,879.53,882.66,885.79,888.92,892.05,895.18,898.31,901.44,904.57,907.70,910.83,913.96,917.09,920.22,923.35,926.48,929.61,932.74,935.87,939.00,942.13,945.26,948.39,951.52,954.65,957.78,960.91,964.04,967.17,970.30,973.43,976.56,979.69,982.82,985.95,989.08,992.21,995.34,998.47,1001.60,1004.73,1007.86,1010.99,1014.12,1017.25,1020.38,1023.51,1026.64,1029.77,1032.90,1036.03,1039.16,1042.29,1045.42,1048.55,1051.68,1054.81,1057.94,1061.07,1064.20,1067.33,1070.46,1073.59,1076.72,1079.85,1082.98,1086.11,1089.24,1092.37,1095.50,1098.63,1101.76,1104.89,1108.02,1111.15,1114.28,1117.41,1120.54,1123.67,1126.80,1129.93,1133.06,1136.19,1139.32,1142.45,1145.58,1148.71,1151.84,1154.97,1158.10,1161.23,1164.36,1167.49,1170.62,1173.75,1176.88,1180.01,1183.14,1186.27,1189.40,1192.53,1195.66,1198.79,1201.92,1205.05,1208.18,1211.31,1214.44,1217.57,1220.70,1223.83,1226.96,1230.09,1233.22,1236.35,1239.48,1242.61,1245.74,1248.87,1252.00,1255.13,1258.26,1261.39,1264.52,1267.65,1270.78,1273.91,1277.04,1280.17,1283.30,1286.43,1289.56,1292.69,1295.82,1298.95,1302.08,1305.21,1308.34,1311.47,1314.60,1317.73,1320.86,1323.99,1327.12,1330.25,1333.38,1336.51,1339.64,1342.77,1345.90,1349.03,1352.16,1355.29,1358.42,1361.55,1364.68,1367.81,1370.94,1374.07,1377.20,1380.33,1383.46,1386.59,1389.72,1392.85,1395.98,1399.11,1402.24,1405.37,1408.50,1411.63,1414.76,1417.89,1421.02,1424.15,1427.28,1430.41,1433.54,1436.67,1439.80,1442.93,1446.06,1449.19,1452.32,1455.45,1458.58,1461.71,1464.84,1467.97,1471.10,1474.23,1477.36,1480.49,1483.62,1486.75,1489.88,1493.01,1496.14,1499.27,1502.40,1505.53,1508.66,1511.79,1514.92,1518.05,1521.18,1524.31,1527.44,1530.57,1533.70,1536.83,1539.96,1543.09,1546.22,1549.35,1552.48,1555.61,1558.74,1561.87,1565.00,1568.13,1571.26,1574.39,1577.52,1580.65,1583.78,1586.91,1590.04,1593.17,1596.30,1599.43,1602.56,1605.69,1608.82,1611.95,1615.08,1618.21,1621.34,1624.47,1627.60,1630.73,1633.86,1636.99,1640.12,1643.25,1646.38,1649.51,1652.64,1655.77,1658.90,1662.03,1665.16,1668.29,1671.42,1674.55,1677.68,1680.81,1683.94,1687.07,1690.20,1693.33,1696.46,1699.59,1702.72,1705.85,1708.98,1712.11,1715.24,1718.37,1721.50,1724.63,1727.76,1730.89,1734.02,1737.15,1740.28,1743.41,1746.54,1749.67,1752.80,1755.93,1759.06,1762.19,1765.32,1768.45,1771.58,1774.71,1777.84,1780.97,1784.10,1787.23,1790.36,1793.49,1796.62,1799.75,1802.88,1806.01,1809.14,1812.27,1815.40,1818.53,1821.66,1824.79,1827.92,1831.05,1834.18,1837.31,1840.44,1843.57,1846.70,1849.83,1852.96,1856.09,1859.22,1862.35,1865.48,1868.61,1871.74,1874.87,1878.00,1881.13,1884.26,1887.39,1890.52,1893.65,1896.78,1899.91,1903.04,1906.17,1909.30,1912.43,1915.56,1918.69,1921.82,1924.95,1928.08,1931.21,1934.34,1937.47,1940.60,1943.73,1946.86,1949.99,1953.12,1956.25,1959.38,1962.51,1965.64,1968.77,1971.90,1975.03,1978.16,1981.29,1984.42,1987.55,1990.68,1993.81,1996.94,2000.07,2003.20,2006.33,2009.46,2012.59,2015.72,2018.85,2021.98,2025.11,2028.24,2031.37,2034.50,2037.63,2040.76,2043.89,2047.02,2050.15,2053.28,2056.41,2059.54,2062.67,2065.80,2068.93,2072.06,2075.19,2078.32,2081.45,2084.58,2087.71,2090.84,2093.97,2097.10,2100.23,2103.36,2106.49,2109.62,2112.75,2115.88,2119.01,2122.14,2125.27,2128.40,2131.53,2134.66,2137.79,2140.92,2144.05,2147.18,2150.31,2153.44,2156.57,2159.70,2162.83,2165.96,2169.09,2172.22,2175.35,2178.48,2181.61,2184.74,2187.87,2191.00,2194.13,2197.26,2200.39,2203.52,2206.65,2209.78,2212.91,2216.04,2219.17,2222.30,2225.43,2228.56,2231.69,2234.82,2237.95,2241.08,2244.21,2247.34,2250.47,2253.60,2256.73,2259.86,2262.99,2266.12,2269.25,2272.38,2275.51,2278.64,2281.77,2284.90,2288.03,2291.16,2294.29,2297.42,2300.55,2303.68,2306.81,2309.94,2313.07,2316.20,2319.33,2322.46,2325.59,2328.72,2331.85,2334.98,2338.11,2341.24,2344.37,2347.50,2350.63,2353.76,2356.89,2360.02,2363.15,2366.28,2369.41,2372.54,2375.67,2378.80,2381.93,2385.06,2388.19,2391.32,2394.45,2397.58,2400.71,2403.84,2406.97,2410.10,2413.23,2416.36,2419.49,2422.62,2425.75,2428.88,2432.01,2435.14,2438.27,2441.40,2444.53,2447.66,2450.79,2453.92,2457.05,2460.18,2463.31,2466.44,2469.57,2472.70,2475.83,2478.96,2482.09,2485.22,2488.35,2491.48,2494.61,2497.74,2500.87,2504.00,2507.13,2510.26,2513.39,2516.52,2519.65,2522.78,2525.91,2529.04,2532.17,2535.30,2538.43,2541.56,2544.69,2547.82,2550.95,2554.08,2557.21,2560.34,2563.47,2566.60,2569.73,2572.86,2575.99,2579.12,2582.25,2585.38,2588.51,2591.64,2594.77,2597.90,2601.03,2604.16,2607.29,2610.42,2613.55,2616.68,2619.81,2622.94,2626.07,2629.20,2632.33,2635.46,2638.59,2641.72,2644.85,2647.98,2651.11,2654.24,2657.37,2660.50,2663.63,2666.76,2669.89,2673.02,2676.15,2679.28,2682.41,2685.54,2688.67,2691.80,2694.93,2698.06,2701.19,2704.32,2707.45,2710.58,2713.71,2716.84,2719.97,2723.10,2726.23,2729.36,2732.49,2735.62,2738.75,2741.88,2745.01,2748.14,2751.27,2754.40,2757.53,2760.66,2763.79,2766.92,2770.05,2773.18,2776.31,2779.44,2782.57,2785.70,2788.83,2791.96,2795.09,2798.22,2801.35,2804.48,2807.61,2810.74,2813.87,2817.00,2820.13,2823.26,2826.39,2829.52,2832.65,2835.78,2838.91,2842.04,2845.17,2848.30,2851.43,2854.56,2857.69,2860.82,2863.95,2867.08,2870.21,2873.34,2876.47,2879.60,2882.73,2885.86,2888.99,2892.12,2895.25,2898.38,2901.51,2904.64,2907.77,2910.90,2914.03,2917.16,2920.29,2923.42,2926.55,2929.68,2932.81,2935.94,2939.07,2942.20,2945.33,2948.46,2951.59,2954.72,2957.85,2960.98,2964.11,2967.24,2970.37,2973.50,2976.63,2979.76,2982.89,2986.02,2989.15,2992.28,2995.41,2998.54,3001.67,3004.80,3007.93,3011.06,3014.19,3017.32,3020.45,3023.58,3026.71,3029.84,3032.97,3036.10,3039.23,3042.36,3045.49,3048.62,3051.75,3054.88,3058.01,3061.14,3064.27,3067.40,3070.53,3073.66,3076.79,3079.92,3083.05,3086.18,3089.31,3092.44,3095.57,3098.70,3101.83,3104.96,3108.09,3111.22,3114.35,3117.48,3120.61,3123.74,3126.87,3130.00,3133.13,3136.26,3139.39,3142.52,3145.65,3148.78,3151.91,3155.04,3158.17,3161.30,3164.43,3167.56,3170.69,3173.82,3176.95,3180.08,3183.21,3186.34,3189.47,3192.60,3195.73,3198.86,3201.99,3205.12,3208.25,3211.38,3214.51,3217.64,3220.77,3223.90,3227.03,3230.16,3233.29,3236.42,3239.55,3242.68,3245.81,3248.94,3252.07,3255.20,3258.33,3261.46,3264.59,3267.72,3270.85,3273.98,3277.11,3280.24,3283.37,3286.50,3289.63,3292.76,3295.89,3299.02,3302.15,3305.28,3308.41,3311.54,3314.67,3317.80,3320.93,3324.06,3327.19,3330.32,3333.45,3336.58,3339.71,3342.84,3345.97,3349.10,3352.23,3355.36,3358.49,3361.62,3364.75,3367.88,3371.01,3374.14,3377.27,3380.40,3383.53,3386.66,3389.79,3392.92,3396.05,3399.18,3402.31,3405.44,3408.57,3411.70,3414.83,3417.96,3421.09,3424.22,3427.35,3430.48,3433.61,3436.74,3439.87,3443.00,3446.13,3449.26,3452.39,3455.52,3458.65,3461.78,3464.91,3468.04,3471.17,3474.30,3477.43,3480.56,3483.69,3486.82,3489.95,3493.08,3496.21,3499.34,3502.47,3505.60,3508.73,3511.86,3514.99,3518.12,3521.25,3524.38,3527.51,3530.64,3533.77,3536.90,3540.03,3543.16,3546.29,3549.42,3552.55,3555.68,3558.81,3561.94,3565.07,3568.20,3571.33,3574.46,3577.59,3580.72,3583.85,3586.98,3590.11,3593.24,3596.37,3599.50,3602.63,3605.76,3608.89,3612.02,3615.15,3618.28,3621.41,3624.54,3627.67,3630.80,3633.93,3637.06,3640.19,3643.32,3646.45,3649.58,3652.71,3655.84,3658.97,3662.10,3665.23,3668.36,3671.49,3674.62,3677.75,3680.88,3684.01,3687.14,3690.27,3693.40,3696.53,3699.66,3702.79,3705.92,3709.05,3712.18,3715.31,3718.44,3721.57,3724.70,3727.83,3730.96,3734.09,3737.22,3740.35,3743.48,3746.61,3749.74,3752.87,3756.00,3759.13,3762.26,3765.39,3768.52,3771.65,3774.78,3777.91,3781.04,3784.17,3787.30,3790.43,3793.56,3796.69,3799.82,3802.95,3806.08,3809.21,3812.34,3815.47,3818.60,3821.73,3824.86,3827.99,3831.12,3834.25,3837.38,3840.51,3843.64,3846.77,3849.90,3853.03,3856.16,3859.29,3862.42,3865.55,3868.68,3871.81,3874.94,3878.07,3881.20,3884.33,3887.46,3890.59,3893.72,3896.85,3899.98,3903.11,3906.24,3909.37,3912.50,3915.63,3918.76,3921.89,3925.02,3928.15,3931.28,3934.41,3937.54,3940.67,3943.80,3946.93,3950.06,3953.19,3956.32,3959.45,3962.58,3965.71,3968.84,3971.97,3975.10,3978.23,3981.36,3984.49,3987.62,3990.75,3993.88,3997.01,4000.14,4003.27,4006.40,4009.53,4012.66,4015.79,4018.92,4022.05,4025.18,4028.31,4031.44,4034.57,4037.70,4040.83,4043.96,4047.09,4050.22,4053.35,4056.48,4059.61,4062.74,4065.87,4069.00,4072.13,4075.26,4078.39,4081.52,4084.65,4087.78,4090.91,4094.04,4097.17,4100.30,4103.43,4106.56,4109.69,4112.82,4115.95,4119.08,4122.21,4125.34,4128.47,4131.60,4134.73,4137.86,4140.99,4144.12,4147.25,4150.38,4153.51,4156.64,4159.77,4162.90,4166.03,4169.16,4172.29,4175.42,4178.55,4181.68,4184.81,4187.94,4191.07,4194.20,4197.33,4200.46,4203.59,4206.72,4209.85,4212.98,4216.11,4219.24,4222.37,4225.50,4228.63,4231.76,4234.89,4238.02,4241.15,4244.28,4247.41,4250.54,4253.67,4256.80,4259.93,4263.06,4266.19,4269.32,4272.45,4275.58,4278.71,4281.84,4284.97,4288.10,4291.23,4294.36,4297.49,4300.62,4303.75,4306.88,4310.01,4313.14,4316.27,4319.40,4322.53,4325.66,4328.79,4331.92,4335.05,4338.18,4341.31,4344.44,4347.57,4350.70,4353.83,4356.96,4360.09,4363.22,4366.35,4369.48,4372.61,4375.74,4378.87,4382.00,4385.13,4388.26,4391.39,4394.52,4397.65,4400.78,4403.91,4407.04,4410.17,4413.30,4416.43,4419.56,4422.69,4425.82,4428.95,4432.08,4435.21,4438.34,4441.47,4444.60,4447.73,4450.86,4453.99,4457.12,4460.25,4463.38,4466.51,4469.64,4472.77,4475.90,4479.03,4482.16,4485.29,4488.42,4491.55,4494.68,4497.81,4500.94,4504.07,4507.20,4510.33,4513.46,4516.59,4519.72,4522.85,4525.98,4529.11,4532.24,4535.37,4538.50,4541.63,4544.76,4547.89,4551.02,4554.15,4557.28,4560.41,4563.54,4566.67,4569.80,4572.93,4576.06,4579.19,4582.32,4585.45,4588.58,4591.71,4594.84,4597.97,4601.10,4604.23,4607.36,4610.49,4613.62,4616.75,4619.88,4623.01,4626.14,4629.27,4632.40,4635.53,4638.66,4641.79,4644.92,4648.05,4651.18,4654.31,4657.44,4660.57,4663.70,4666.83,4669.96,4673.09,4676.22,4679.35,4682.48,4685.61,4688.74,4691.87,4695.00,4698.13,4701.26,4704.39,4707.52,4710.65,4713.78,4716.91,4720.04,4723.17,4726.30,4729.43,4732.56,4735.69,4738.82,4741.95,4745.08,4748.21,4751.34,4754.47,4757.60,4760.73,4763.86,4766.99,4770.12,4773.25,4776.38,4779.51,4782.64,4785.77,4788.90,4792.03,4795.16,4798.29,4801.42,4804.55,4807.68,4810.81,4813.94,4817.07,4820.20,4823.33,4826.46,4829.59,4832.72,4835.85,4838.98,4842.11,4845.24,4848.37,4851.50,4854.63,4857.76,4860.89,4864.02,4867.15,4870.28,4873.41,4876.54,4879.67,4882.80,4885.93,4889.06,4892.19,4895.32,4898.45,4901.58,4904.71,4907.84,4910.97,4914.10,4917.23,4920.36,4923.49,4926.62,4929.75,4932.88,4936.01,4939.14,4942.27,4945.40,4948.53,4951.66,4954.79,4957.92,4961.05,4964.18,4967.31,4970.44,4973.57,4976.70,4979.83,4982.96,4986.09,4989.22,4992.35,4995.48,4998.61,5001.74,5004.87,5008.00,5011.13,5014.26,5017.39,5020.52,5023.65,5026.78,5029.91,5033.04,5036.17,5039.30,5042.43,5045.56,5048.69,5051.82,5054.95,5058.08,5061.21,5064.34,5067.47,5070.60,5073.73,5076.86,5079.99,5083.12,5086.25,5089.38,5092.51,5095.64,5098.77,5101.90,5105.03,5108.16,5111.29,5114.42,5117.55,5120.68,5123.81,5126.94,5130.07,5133.20,5136.33,5139.46,5142.59,5145.72,5148.85,5151.98,5155.11,5158.24,5161.37,5164.50,5167.63,5170.76,5173.89,5177.02,5180.15,5183.28,5186.41,5189.54,5192.67,5195.80,5198.93,5202.06,5205.19,5208.32,5211.45,5214.58,5217.71,5220.84,5223.97,5227.10,5230.23,5233.36,5236.49,5239.62,5242.75,5245.88,5249.01,5252.14,5255.27,5258.40,5261.53,5264.66,5267.79,5270.92,5274.05,5277.18,5280.31,5283.44,5286.57,5289.70,5292.83,5295.96,5299.09,5302.22,5305.35,5308.48,5311.61,5314.74,5317.87,5321.00,5324.13,5327.26,5330.39,5333.52,5336.65,5339.78,5342.91,5346.04,5349.17,5352.30,5355.43,5358.56,5361.69,5364.82,5367.95,5371.08,5374.21,5377.34,5380.47,5383.60,5386.73,5389.86,5392.99,5396.12,5399.25,5402.38,5405.51,5408.64,5411.77,5414.90,5418.03,5421.16,5424.29,5427.42,5430.55,5433.68,5436.81,5439.94,5443.07,5446.20,5449.33,5452.46,5455.59,5458.72,5461.85,5464.98,5468.11,5471.24,5474.37,5477.50,5480.63,5483.76,5486.89,5490.02,5493.15,5496.28,5499.41,5502.54,5505.67,5508.80,5511.93,5515.06,5518.19,5521.32,5524.45,5527.58,5530.71,5533.84,5536.97,5540.10,5543.23,5546.36,5549.49,5552.62,5555.75,5558.88,5562.01,5565.14,5568.27,5571.40,5574.53,5577.66,5580.79,5583.92,5587.05,5590.18,5593.31,5596.44,5599.57,5602.70,5605.83,5608.96,5612.09,5615.22,5618.35,5621.48,5624.61,5627.74,5630.87,5634.00,5637.13,5640.26,5643.39,5646.52,5649.65,5652.78,5655.91,5659.04,5662.17,5665.30,5668.43,5671.56,5674.69,5677.82,5680.95,5684.08,5687.21,5690.34,5693.47,5696.60,5699.73,5702.86,5705.99,5709.12,5712.25,5715.38,5718.51,5721.64,5724.77,5727.90,5731.03,5734.16,5737.29,5740.42,5743.55,5746.68,5749.81,5752.94,5756.07,5759.20,5762.33,5765.46,5768.59,5771.72,5774.85,5777.98,5781.11,5784.24,5787.37,5790.50,5793.63,5796.76,5799.89,5803.02,5806.15,5809.28,5812.41,5815.54,5818.67,5821.80,5824.93,5828.06,5831.19,5834.32,5837.45,5840.58,5843.71,5846.84,5849.97,5853.10,5856.23,5859.36,5862.49,5865.62,5868.75,5871.88,5875.01,5878.14,5881.27,5884.40,5887.53,5890.66,5893.79,5896.92,5900.05,5903.18,5906.31,5909.44,5912.57,5915.70,5918.83,5921.96,5925.09,5928.22,5931.35,5934.48,5937.61,5940.74,5943.87,5947.00,5950.13,5953.26,5956.39,5959.52,5962.65,5965.78,5968.91,5972.04,5975.17,5978.30,5981.43,5984.56,5987.69,5990.82,5993.95,5997.08,6000.21,6003.34,6006.47,6009.60,6012.73,6015.86,6018.99,6022.12,6025.25,6028.38,6031.51,6034.64,6037.77,6040.90,6044.03,6047.16,6050.29,6053.42,6056.55,6059.68,6062.81,6065.94,6069.07,6072.20,6075.33,6078.46,6081.59,6084.72,6087.85,6090.98,6094.11,6097.24,6100.37,6103.50,6106.63,6109.76,6112.89,6116.02,6119.15,6122.28,6125.41,6128.54,6131.67,6134.80,6137.93,6141.06,6144.19,6147.32,6150.45,6153.58,6156.71,6159.84,6162.97,6166.10,6169.23,6172.36,6175.49,6178.62,6181.75,6184.88,6188.01,6191.14,6194.27,6197.40,6200.53,6203.66,6206.79,6209.92,6213.05,6216.18,6219.31,6222.44,6225.57,6228.70,6231.83,6234.96,6238.09,6241.22,6244.35,6247.48,6250.61,6253.74,6256.87,6260.00,6263.13,6266.26,6269.39,6272.52,6275.65,6278.78,6281.91,6285.04,6288.17,6291.30,6294.43,6297.56,6300.69,6303.82,6306.95,6310.08,6313.21,6316.34,6319.47,6322.60,6325.73,6328.86,6331.99,6335.12,6338.25,6341.38,6344.51,6347.64,6350.77,6353.90,6357.03,6360.16,6363.29,6366.42,6369.55,6372.68,6375.81,6378.94,6382.07,6385.20,6388.33,6391.46,6394.59,6397.72,6400.85,6403.98,6407.11,6410.24,6413.37,6416.50,6419.63,6422.76,6425.89,6429.02,6432.15,6435.28,6438.41,6441.54,6444.67,6447.80,6450.93,6454.06,6457.19,6460.32,6463.45,6466.58,6469.71,6472.84,6475.97,6479.10,6482.23,6485.36,6488.49,6491.62,6494.75,6497.88,6501.01,6504.14,6507.27,6510.40,6513.53,6516.66,6519.79,6522.92,6526.05,6529.18,6532.31,6535.44,6538.57,6541.70,6544.83,6547.96,6551.09,6554.22,6557.35,6560.48,6563.61,6566.74,6569.87,6573.00,6576.13,6579.26,6582.39,6585.52,6588.65,6591.78,6594.91,6598.04,6601.17,6604.30,6607.43,6610.56,6613.69,6616.82,6619.95,6623.08,6626.21,6629.34,6632.47,6635.60,6638.73,6641.86,6644.99,6648.12,6651.25,6654.38,6657.51,6660.64,6663.77,6666.90,6670.03,6673.16,6676.29,6679.42,6682.55,6685.68,6688.81,6691.94,6695.07,6698.20,6701.33,6704.46,6707.59,6710.72,6713.85,6716.98,6720.11,6723.24,6726.37,6729.50,6732.63,6735.76,6738.89,6742.02,6745.15,6748.28,6751.41,6754.54,6757.67,6760.80,6763.93,6767.06,6770.19,6773.32,6776.45,6779.58,6782.71,6785.84,6788.97,6792.10,6795.23,6798.36,6801.49,6804.62,6807.75,6810.88,6814.01,6817.14,6820.27,6823.40,6826.53,6829.66,6832.79,6835.92,6839.05,6842.18,6845.31,6848.44,6851.57,6854.70,6857.83,6860.96,6864.09,6867.22,6870.35,6873.48,6876.61,6879.74,6882.87,6886.00,6889.13,6892.26,6895.39,6898.52,6901.65,6904.78,6907.91,6911.04,6914.17,6917.30,6920.43,6923.56,6926.69,6929.82,6932.95,6936.08,6939.21,6942.34,6945.47,6948.60,6951.73,6954.86,6957.99,6961.12,6964.25,6967.38,6970.51,6973.64,6976.77,6979.90,6983.03,6986.16,6989.29,6992.42,6995.55,6998.68,7001.81,7004.94,7008.07,7011.20,7014.33,7017.46,7020.59,7023.72,7026.85,7029.98,7033.11,7036.24,7039.37,7042.50,7045.63,7048.76,7051.89,7055.02,7058.15,7061.28,7064.41,7067.54,7070.67,7073.80,7076.93,7080.06,7083.19,7086.32,7089.45,7092.58,7095.71,7098.84,7101.97,7105.10,7108.23,7111.36,7114.49,7117.62,7120.75,7123.88,7127.01,7130.14,7133.27,7136.40,7139.53,7142.66,7145.79,7148.92,7152.05,7155.18,7158.31,7161.44,7164.57,7167.70,7170.83,7173.96,7177.09,7180.22,7183.35,7186.48,7189.61,7192.74,7195.87,7199.00,7202.13,7205.26,7208.39,7211.52,7214.65,7217.78,7220.91,7224.04,7227.17,7230.30,7233.43,7236.56,7239.69,7242.82,7245.95,7249.08,7252.21,7255.34,7258.47,7261.60,7264.73,7267.86,7270.99,7274.12,7277.25,7280.38,7283.51,7286.64,7289.77,7292.90,7296.03,7299.16,7302.29,7305.42,7308.55,7311.68,7314.81,7317.94,7321.07,7324.20,7327.33,7330.46,7333.59,7336.72,7339.85,7342.98,7346.11,7349.24,7352.37,7355.50,7358.63,7361.76,7364.89,7368.02,7371.15,7374.28,7377.41,7380.54,7383.67,7386.80,7389.93,7393.06,7396.19,7399.32,7402.45,7405.58,7408.71,7411.84,7414.97,7418.10,7421.23,7424.36,7427.49,7430.62,7433.75,7436.88,7440.01,7443.14,7446.27,7449.40,7452.53,7455.66,7458.79,7461.92,7465.05,7468.18,7471.31,7474.44,7477.57,7480.70,7483.83,7486.96,7490.09,7493.22,7496.35,7499.48,7502.61,7505.74,7508.87,7512.00,7515.13,7518.26,7521.39,7524.52,7527.65,7530.78,7533.91,7537.04,7540.17,7543.30,7546.43,7549.56,7552.69,7555.82,7558.95,7562.08,7565.21,7568.34,7571.47,7574.60,7577.73,7580.86,7583.99,7587.12,7590.25,7593.38,7596.51,7599.64,7602.77,7605.90,7609.03,7612.16,7615.29,7618.42,7621.55,7624.68,7627.81,7630.94,7634.07,7637.20,7640.33,7643.46,7646.59,7649.72,7652.85,7655.98,7659.11,7662.24,7665.37,7668.50,7671.63,7674.76,7677.89,7681.02,7684.15,7687.28,7690.41,7693.54,7696.67,7699.80,7702.93,7706.06,7709.19,7712.32,7715.45,7718.58,7721.71,7724.84,7727.97,7731.10,7734.23,7737.36,7740.49,7743.62,7746.75,7749.88,7753.01,7756.14,7759.27,7762.40,7765.53,7768.66,7771.79,7774.92,7778.05,7781.18,7784.31,7787.44,7790.57,7793.70,7796.83,7799.96,7803.09,7806.22,7809.35,7812.48,7815.61,7818.74,7821.87,7825.00,7828.13,7831.26,7834.39,7837.52,7840.65,7843.78,7846.91,7850.04,7853.17,7856.30,7859.43,7862.56,7865.69,7868.82,7871.95,7875.08,7878.21,7881.34,7884.47,7887.60,7890.73,7893.86,7896.99,7900.12,7903.25,7906.38,7909.51,7912.64,7915.77,7918.90,7922.03,7925.16,7928.29,7931.42,7934.55,7937.68,7940.81,7943.94,7947.07,7950.20,7953.33,7956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SMARTen V TM data file - created Wed Sep 11 09:09:27 2002 ** GAINS MERGED**
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STN LOOP SCHAN SAMPLE/CHAN CHANNELS/SAMPLE CHANNELS/STACK GAINS SAMPLE/STACK DELAY NCH CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 CH30 CH31 CH32 CH33 COMMENT
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6774900 1 894 1 2 2 20912112.44 Rb 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027201202100000 20.0 0.24 0.01 2.900243e-01 33 8.4368e+04 7.2981e+04 6.3747e+04 5.6146e+04 4.7270e+04 3.8294e+04 3.3413e+04 2.6208e+04 2.0854e+04 1.6378e+04 1.3056e+04 1.0058e+04 7.4624e+03 5.4780e+03 3.9179e+03 2.7161e+03 1.8682e+03 1.2438e+03 7.9714e+02 4.9991e+02 3.0360e+02 1.7562e+02 9.9372e+01 5.4329e+01 2.8851e+01 1.5012e+01 7.6520e+00 3.8770e+00 1.9050e+00 9.8513e-01 5.3903e-01 3.0089e-01 1.8198e-01 MERGED
6775100 1 892 1 2 2 20912112.19 Rb 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027201202100000 20.0 0.24 0.01 2.836878e-01 33 6.0499e+04 5.3449e+04 4.7727e+04 4.2933e+04 3.7138e+04 3.1042e+04 2.7590e+04 2.2344e+04 1.8288e+04 1.4758e+04 1.2023e+04 9.4612e+03 7.1602e+03 5.3485e+03 3.8848e+03 2.7276e+03 1.8926e+03 1.2666e+03 8.1461e+02 5.1229e+02 3.1254e+02 1.8226e+02 1.0432e+02 5.7837e+01 3.1100e+01 1.6251e+01 8.2567e+00 4.1188e+00 1.9776e+00 9.2052e-01 4.3801e-01 2.1446e-01 1.0597e-01 MERGED
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distance, depth, conduct(mS/m), time(ms), east, north, count, midpointE, midpointN
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distance, depth, conduct(mS/m), time(ms), east, north, count, midpointE, midpointN
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Line 477100
distance, depth, conduct(mS/m), time(ms), east, north, count, midpointE, midpointN
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Line 478400
distance, depth, conduct(mS/m), time(ms), east, north, count, midpointE, midpointN
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Line 478800
distance, depth, conduct(mS/m), time(ms), east, north, count, midpointE, midpointN
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Line 481000
distance, depth, conduct(mS/m), time(ms), east, north, count, midpointE, midpointN
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Line 482100
distance, depth, conduct(mS/m), time(ms), east, north, count, midpointE, midpointN
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Line 484000
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Line 495000
distance, depth, conduct(mS/m), time(ms), east, north, count, midpointE, midpointN
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EL 2880 "LAKE WOORONG" and EL 2881 "COOBER PEDY" Annual Report for the Period 7th January 2003 to 6th January 2004

Volume 1 of 1

Tenure Holder: Anglo American Exploration (Australia) Pty Ltd

Operator: Anglo American Exploration (Australia) Pty Ltd

Author: Adrian Brewer

Date: 16th January 2004

Distribution

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SUMMARY

Exploration Licences 2880, "Lake Woorong" and 2881 "Coober Pedy", covering areas of 1,951km^2 and 2,858km^2 respectively, lie south and southwest of Coober Pedy in South Australia. The area is held by Anglo American Exploration (Australia) Pty Ltd and forms part of a significant tenement holding in the region which includes the "Mount Woods Joint Venture" between Goldstream Mining NL (tenure holder) and Anglo American Exploration (Australia) Pty Ltd (project operator).

Field activities were commenced in late 2002 in the search for Proterozoic hosted iron oxide copper-gold deposits of the Olympic Dam and Prominent Hill type, Broken Hill style base metal mineralisation and magmatic related nickel deposits.

Exploration work prior to the current period has comprised a comprehensive compilation & review of all previous exploration, regional structural reinterpretation, geological reconnaissance, relogging of several historical diamond drill holes and inspection of RC chips, ground gravity surveying (1,860 stations), nine lines of ground SMARTEM surveying, drill target generation and Aboriginal cultural site clearance work over two potential drill targets. This work has been completed in conjunction with significant operations on adjacent tenement areas.

During the current period, additional gravity data was collected over two target areas with a total of 158 stations recorded.

Three main areas were targeted by ground TEM surveying utilising both 100m (in scrubby terrain) and 200m loops. A total of 17 lines were completed for approximately 42.4 line kilometres.

The CP1 Prospect was subjected to an Aboriginal heritage clearance, but was not drilled.

Additional petrographic studies were completed on drill holes located within the TEM and gravity survey areas.

A significant reduction in area of both tenements has been undertaken for the current renewal period.

KEY WORDS

Coober Pedy, Coober Pedy 1:250,000 map sheet, Warrina 1:250,000 map sheet, Murloocoppie 1:250,000 map sheet, Billa Kalina 1:250,000 map sheet, Proterozoic, Mount Woods Inlier, Coober Pedy Ridge, Iron oxide-Copper-Gold, Broken Hill style, Magmatic nickel, Base Metals, Gravity, TEM, Geophysical Anomalies, Petrology

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EL2880_2881_Figure3.pdf
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1.0 INTRODUCTION

This report details all exploration work undertaken on Exploration Licences 2880 "Lake Woorong", and 2881 "Coober Pedy" between 7th January 2003 and 6th January 2004, during the second year of tenure.

Exploration Licences 2880, "Lake Woorong" and 2881, "Coober Pedy", covering original areas of 1,951km^2 and 2,858km^2 respectively, lie south and southwest of Coober Pedy in South Australia. The area of EL 2880 "Lake Woorong" was reduced at the end of the first year to 1,951 km^2. Both tenement areas have been substantially reduced for the current pending renewal (Figure 1).

Lake Woorong (EL 2880) and Coober Pedy (EL 2881) are centred approximately 100 km west southwest and 30km south of Coober Pedy in the northern Gawler Craton of South Australia (Figure 1). Access is via the sealed Stuart Highway and then via a series of dirt station tracks, many of which become impassable in wet weather.

EL 2880 is situated on the Mabel Creek Pastoral Lease within the Coober Pedy (SH 53-6) 1:250,000 map sheet.

EL2881 is situated on the Mt Clarence and Mount Penhryn Pastoral Leases, and is largely covered by the Coober Pedy Precious Stones Field. The area lies generally within the Coober Pedy (SH 53-6) 1:250,000 map sheet, with small portions of the licence also lying in the Murloocoppie (SH53-2), Warrina (SH53-3) and Billa Kalina (SH53-7) 1:250,000 map sheets.

Both areas are covered in the large part by the Woomera Prohibited Area. The terrain is dominated by generally open gibber plains with areas of bluebush and saltbush in the east and becomes more vegetated with areas of sand dunes in the west, and is drained by a series of generally poorly defined and intermittent creeks.

Field activities were commenced in selected areas in mid 2002, and continued for the remainder of the year, primarily in the search for Proterozoic iron oxide copper-gold deposits of the Olympic Dam and Prominent Hill type and intrusive related nickel deposits. During late 2002 potential for Broken Hill style base metal mineralisation was also recognised.

Exploration work during the reporting period has comprised continued data compilation & review of previous company and Government exploration, 158 stations of ground gravity surveying, 17 lines of ground TEM surveying, inspection of previous company drill core, drill target generation, and Aboriginal cultural site clearance work. Planned drilling was not completed during this period due as reassessment of TEM data indicated no anomalism associated with the potentially prospective mafic intrusives.

2.0 TENURE

Exploration Licence 2880 (Lake Woorong) and 2881 (Coober Pedy) were granted to Anglo American Exploration (Australia) Pty Ltd on 7th January, 2002 for a period of 12 months, and renewed with a reduction in area for a further 12 months. A renewal for a further 12 months, including a partial relinquishment of both EL 2880 and EL 2881, is pending (Figure 1). The

tenements cover areas of approximately 1951 km^2 and 2858 km^2 respectively, with reductions of approximately 50% for each tenement on the pending renewal.

3.0 PREVIOUS EXPLORATION

Exploration for iron ore in the Coober Pedy region was undertaken by Delhi Petroleum during 1962-1965, with more extensive base and precious metal exploration, and minor uranium and diamond exploration being carried out by Newmont Ltd (1970-1977), CRA Exploration (1981-1995), BHP Minerals (1991-1995) and WMC Resources (1995-2000), in joint venture with BHP Minerals.

As there is no basement outcrop within the tenement areas, all previous exploration has been strongly controlled by geophysics. Some drilling (principally utilising Rotary Mud/Percussion) of geophysical basement targets under cover was completed but no mineralisation of note was intersected. Extensive regional RC drilling was also completed by PIRSA as part of the South Australian Steel and Energy Project on the Phillipson and Coober Pedy 1:100,000 map sheets (1995).

During 2001 Anglo American Exploration (Australia) Pty Ltd completed a comprehensive review and compilation of previous work and identified the potential of the area for craton margin magmatic nickel deposits together with a number of aeromagnetic and gravity targets with potential for iron oxide copper-gold style mineralisation. Applications for the licence areas were submitted in September 2001.

4.0 REGIONAL GEOLOGY

The Lake Woorong and Coober Pedy exploration licences cover substantial portions of the Palaeoproterozoic Coober Pedy Ridge, an east northeast trending magnetic block of variable magnetic intensity separating the Mount Woods Inlier to the southeast from the Mabel Creek Inlier to the north. These three terranes abut an interpreted Archaean age cratonic area to their south and west. The area contains major regional structures (including the Karari Fault Zone) and is traversed by a several prominent northwest trending structures along which significant thicknesses of Permian sediments have been deposited.

Basement outcrop in the region is generally restricted to the Mount Woods Inlier to the east and southeast of the tenements, and limited outcrop of Gawler Range Volcanics and Archaean Gneisses to the south and southwest of the areas.

The Mount Woods Inlier comprises high grade Palaeoproterozoic metasedimentary rocks (amphibolite to granulite facies quartzo-feldspathic gneisses, meta-iron formations, quartz-feldspar-biotite schists, metaquartzites, calc-silicates and forsterite marbles) intruded by syn- to post tectonic granitoids, (eg, the Balta Granite, a polyphase Hiltaba Granite equivalent, comprising non-foliated brick-red granite, porphyritic granites and hybrid granites) and is covered by Mesozoic and Tertiary sedimentary cover. The metasediments are characterised by an intense magnetic response in regional aeromagnetic data, which reflects a combination of magnetite rich precursor sediments including BIFs, magnetite alteration, and interpreted probable mafic intrusive bodies. The Inlier is bounded by major shear zones, the most prominent of which is the Karari Fault Zone which bounds the east-west trending Coober Pedy Ridge.

To the north, the Coober Pedy Ridge is separated from the Mabel Creek Ridge by the Permian Tallaringa Trough, and the cover thickness increases markedly. To west cover thickness also increase due to the presence of Permian and some Cambrian sediments, and increased thickness of Mesozoic cover. Previous exploration has shown that the cover sequences, generally comprising Cretaceous sediments of the Cadna-Owie Formation, Algebuckina Sandstone and the Bulldog Shale, which are in turn overlain by Tertiary, Quaternary and recent cover, typically ranges from 40-100m deep over the southern and central portions of the tenement area, with deeper basement in the north and west of the tenement.

5.0 EXPLORATION ACTIVITIES

Following a review of previous exploration, including available public domain geophysical data sets, supplemented by geological reconnaissance on adjoining tenements, it was decided that detailed ground geophysical surveys were required to better define targets under cover. Initial focus was on potential for magmatic nickel and iron oxide copper-gold mineralisation in the Palaeoproterozoic basement, but following acquisition of ground gravity and EM survey data and further interpretation of previous exploration data, potential for Broken Hill style base metal mineralisation was also recognised.

Prospect areas referred to below are illustrated on Figure 2.

Brief petrological descriptions of drill chips obtained from CR91022 and CR93002 were undertaken. In addition, drill core from an historical drill hole (DD87LR02) was examined petrographically to ascertain the potential prospectivity of this area. A small gravity survey was completed over the latter area and no significant anomaly was observed. All petrographic descriptions area included as Appendix 1.

Cultural site clearance work with the Antakirinja Native Title Claimant Group was successfully completed over the CP1 target area in early July 2003. Subsequent TEM work on this prospect area downgraded its potential and no drilling was undertaken.

A total of 158 gravity stations on a 400m x 800m grid (some infilling previous company gravity surveys) were collected by Haines Geophysics as part of several prospect and regional surveys on the Mount Woods Joint Venture tenements (Figure 6; Appendix 5). This has resulted in a significant increase in data quality in the area. A large portion of the data was collected over the CP1 Prospect area to better define the strong gravity feature observed in more wide spaced data.

Six ground TEM survey lines (lines 17-22) were completed by Solo Geophysics using a 200m x 200m loop over the CP2 Prospect area (Figure 5; Appendix 3). Approximately 12 line kilometres of survey were completed. This area contains a weak gravity anomaly and has previously been the subject of a substantial degree of aircore drilling by BHP Minerals (Dingo Prospect). The TEM did not generate any targets for follow up. The survey showed the overburden thickness to be variable. It is not thought that the conductive cover would have obscured any bedrock conductive responses present within the depth range for economic exploration.

Five ground TEM survey lines (lines 7-10, 14) were completed by Solo Geophysics using a 200m x 200m loop over the CP1 Prospect area (Figure 4; Appendix 2). Approximately 12.4 line kilometres of

survey were completed. This area contains a very strong gravity and magnetic anomaly and has been interpreted as a gabbroic intrusive. Previous drilling in the area (both Company and PIRSA) did not intersect the interpreted mafic body. The initial north-south TEM traverses generated an anomaly which appeared to be possible due to a significant Permian palaeochannel located on the western margin of the area. A subsequent east-west line confirmed that this was probably the source of the anomaly and proposed drilling was not completed. It is not thought that the conductive cover would have obscured any bedrock conductive responses present within the depth range for economic exploration.

Six ground TEM survey lines (lines 1-6) were completed by Solo Geophysics using a 100m x 100m loop over the LW1-2 Prospect area (Figure 3; Appendix 4). The smaller loop size was employed in this area due to thick mulga bushland. Approximately 15.2 line kilometres of survey were completed. This area contains strongly variable magnetic signature and some weak (but poorly constrained gravity features combined with some previous evidence of potential BHT style mineralisation. The TEM did not generate any targets for follow up, although some anomalies were obtained and interpreted to be due to surficial features. The survey showed the overburden thickness to be variable. It is not thought that the conductive cover would have obscured any bedrock conductive responses present within the depth range for economic exploration.

All TEM data is included as Appendix 6.

6.0 EXPENDITURE

Expenditure for the full tenure year to 6th January 2004 is summarised below –

Description	Lake Woorong E.L. 2880	Coober Pedy E.L. 2881
Staff Salaries & wages	$6,640	$9,321
Contract & Consulting Geologists, Field Assistants	$13,006	$17,734
Safety, Health and Environment	$73	$125
Aboriginal cultural clearance survey	$0	$3,260
Ground geophysical surveys	$19,906	$23,673
Geophysical Consultants and Interpretation	$0	$0
Analytical Costs	$225	$891
Communications	$987	$1,400
Printing and Digital Data	$51	$51
Tenure Maintenance	$14,187	$16,234
Field Expenses	$186	$875
Travel & accommodation	$4,703	$7,186
Vehicle hire/fuel/maintenance	$3,706	$6,471
Administration overheads @ 15% of above	$9,551	$13,083
TOTAL	**$73,221**	**$100,304**

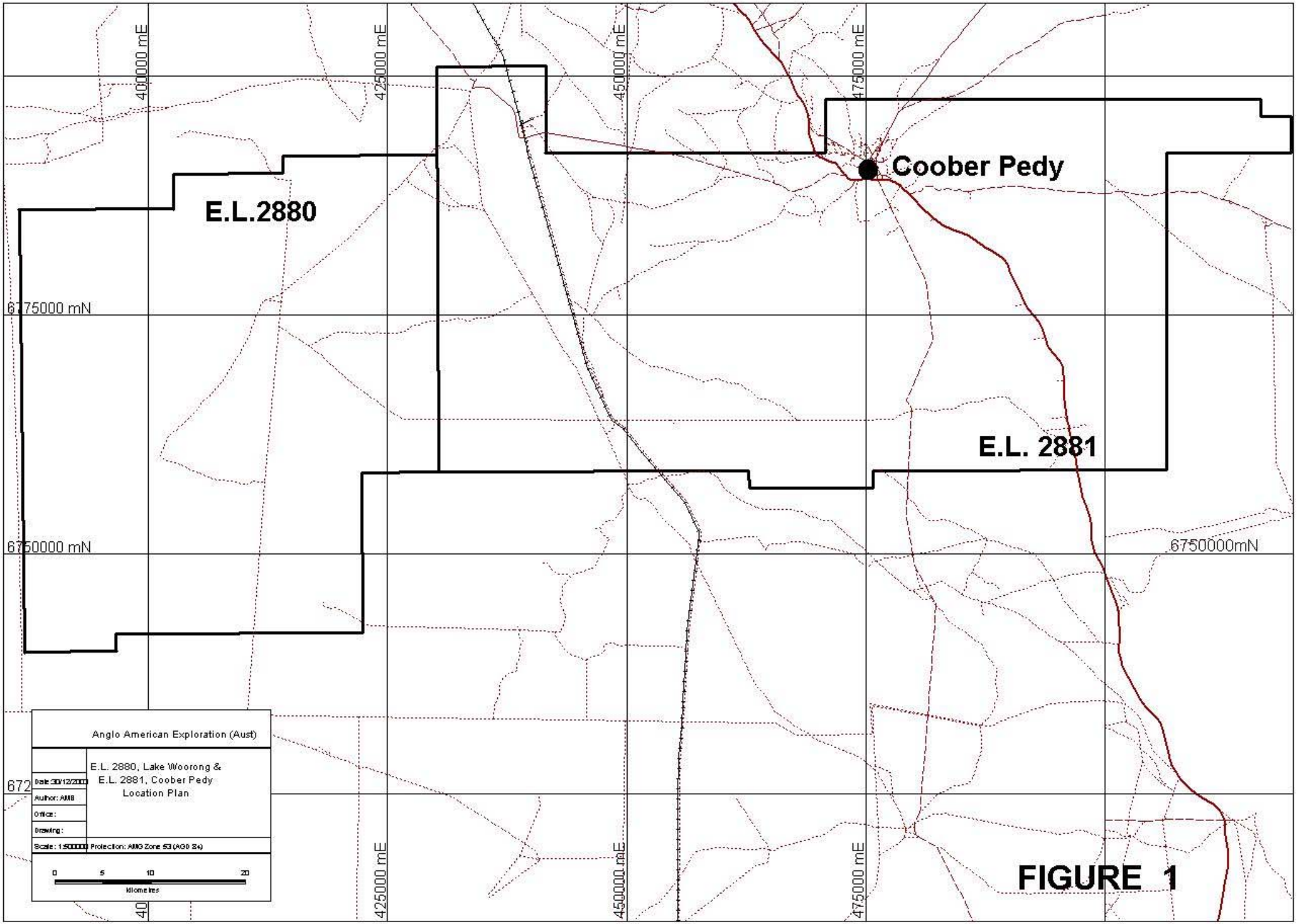
7.0 CONCLUSIONS AND RECOMMENDATIONS

EL's 2880 and 2881 cover the Coober Pedy Ridge, an area considered prospective for magmatic nickel, Proterozoic iron oxide copper-gold and Broken Hill base metal styles of mineralisation. Regional geophysical data obtained during current exploration has enabled better definition of some potential target areas, and more detailed ground geophysics over two defined targets has resulted in downgrading of their potential. Assessment of adjacent areas has significantly downgraded the potential of the area for hematite rich IOCG mineralisation in the area, and this is reflected by the substantial reductions in the current renewal areas.

A significant area of low intensity magnetic signature has been retained for further exploration. This area is considered to have potential for BHT style mineralisation as radiometric age dating indicates that the terrane is 1700Ma in age.

It is anticipated that future exploration on EL 2880 and 2881 will comprise –

- Additional ground gravity and TEM surveying;
- Possible infill of identified prospective areas with more detailed aeromagnetics;
- Additional assessment of previous Company and PIRSA data including petrology, geochemistry and U-Pb age dating;
- Aboriginal cultural site clearance work;
- Drill hole targeting & logistical preparation for drilling;
- RC, rotary mud, and/or diamond core drilling of targets if warranted.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E.L. 2881, Coober Pedy
Location Plan
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Drawing:
Scale: 1:500000 Projection: AMG Zone 53 (AGD 84)
0 5 10 20
kilometres
FIGURE 1

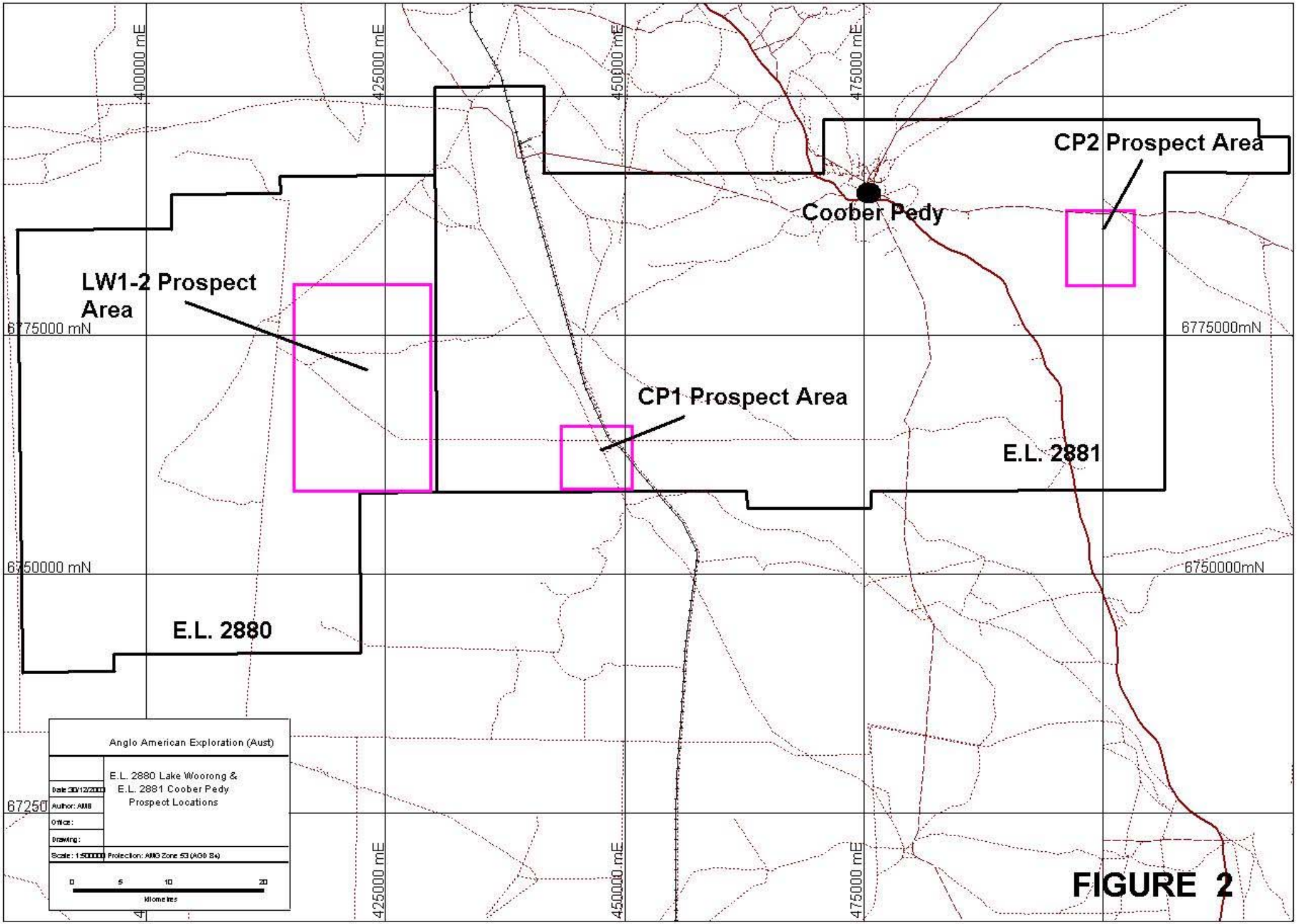

400000 mE
425000 mE
450000 mE
475000 mE
CP2 Prospect Area
Coober Pedy
LW1-2 Prospect Area
6775000 mN
6775000mN
CP1 Prospect Area
E.L. 2881
6750000 mN
6750000mN
E.L. 2880
Anglo American Exploration (Aust)
E.L. 2880 Lake Woorong &
E.L. 2881 Coober Pedy
Prospect Locations
Date: 30/12/2000
Author: AMB
Office:
Drawing:
Scale: 1:500000
Projection: AMG Zone 53 (AGD 84)
0
5
10
20
kilometres
67250
425000 mE
450000 mE
475000 mE

FIGURE 2

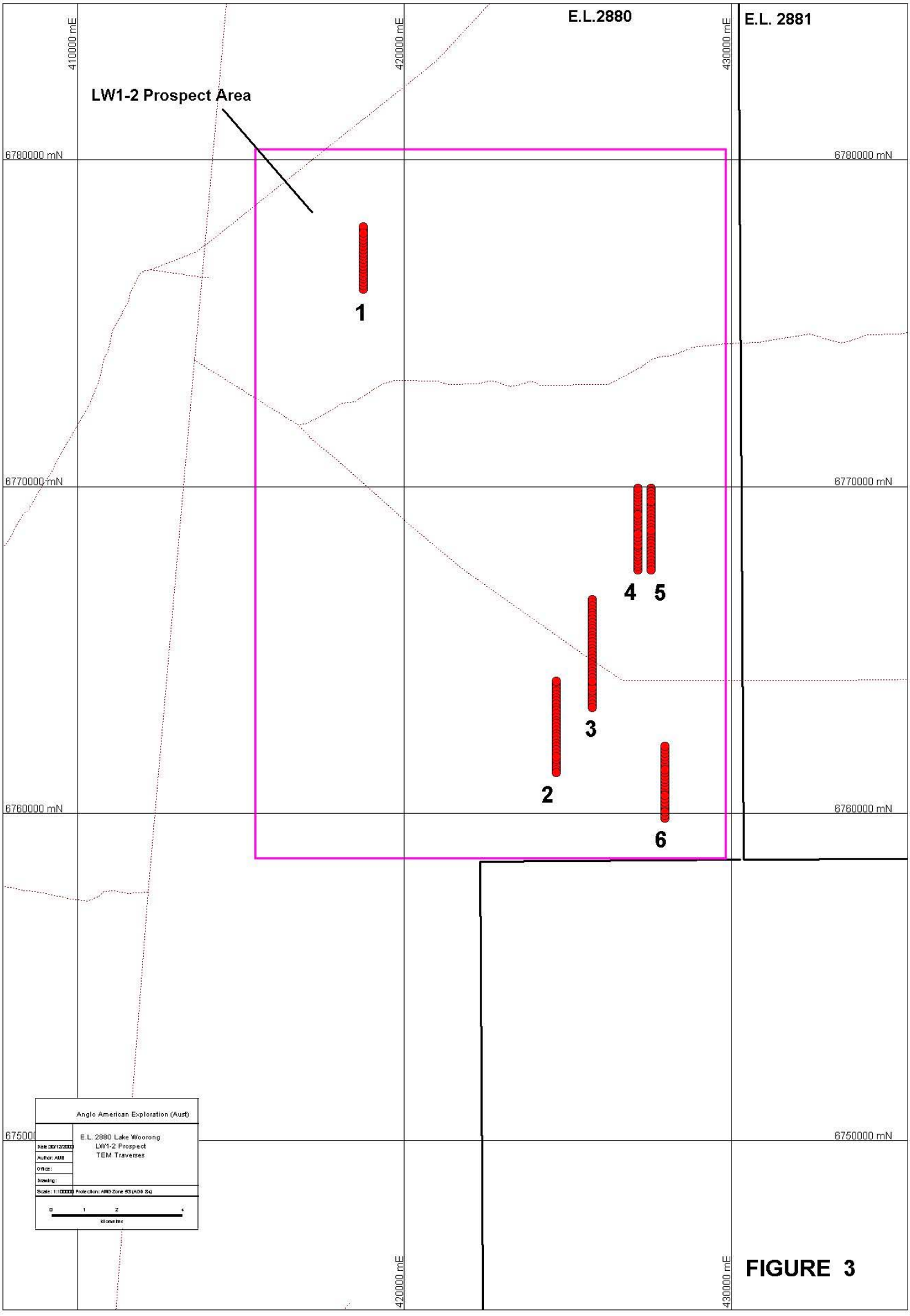

E.L.2880
E.L. 2881
LW1-2 Prospect Area
410000 mE
420000 mE
430000 mE
6780000 mN
6770000 mN
6760000 mN
6750000 mN
1
2
3
4
5
6
Anglo American Exploration (Aust)
E.L. 2880 Lake Woorong
LW1-2 Prospect
TEM Traverses
Author: AMB
Office:
Drawing:
Kilometres

FIGURE 3

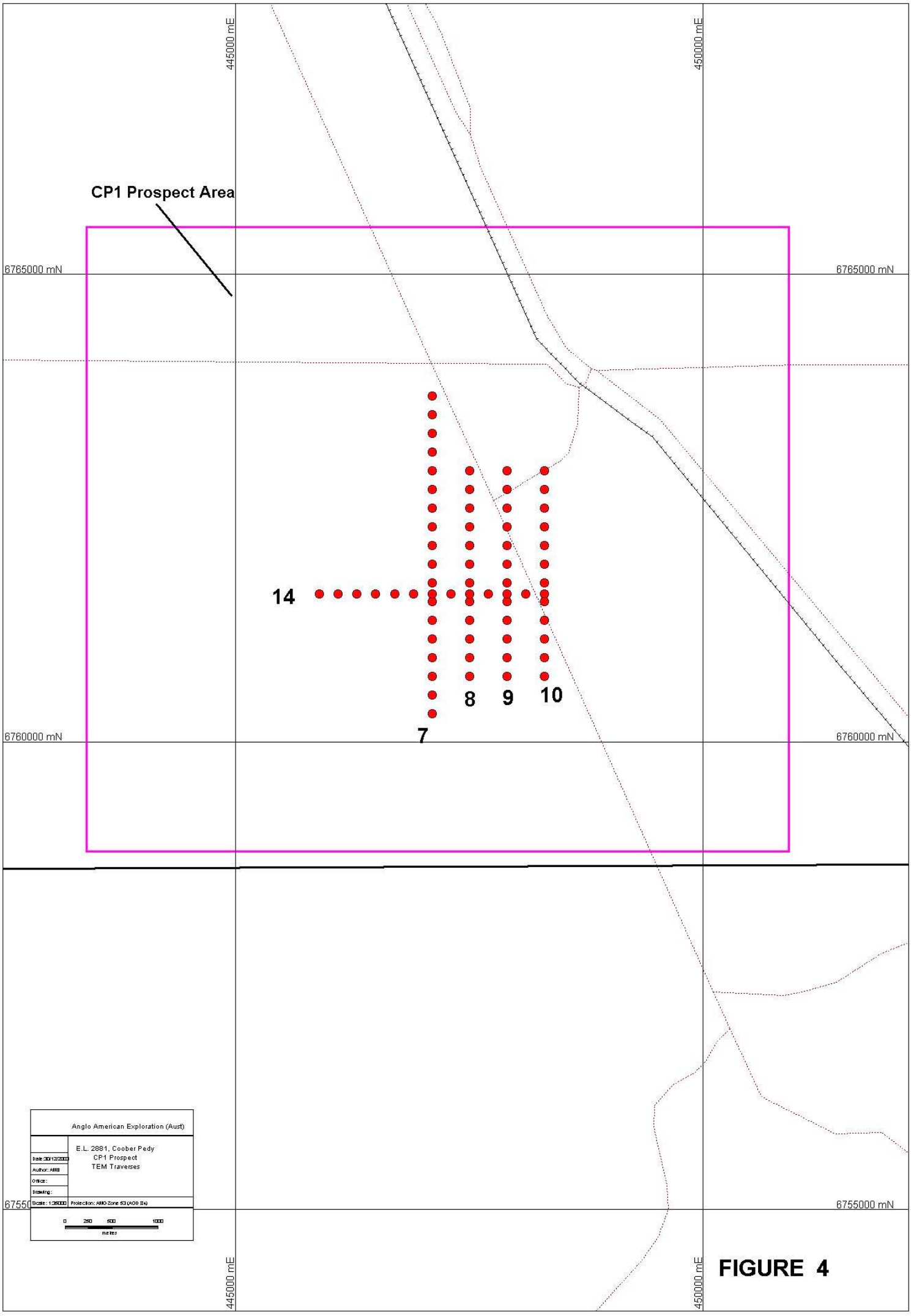

CP1 Prospect Area
445000 mE
450000 mE
6785000 mN
6780000 mN
6755000 mN
14
7
8
9
10
Anglo American Exploration (Aust)
E.L. 2881, Coober Pedy
CP1 Prospect
TEM Traverses
Date: 20/12/2000
Author: AMB
Office:
Drawing:
Scale: 1:25000
Projection: AMG Zone 53 (AGD 84)
0 250 500 1000
metres

FIGURE 4

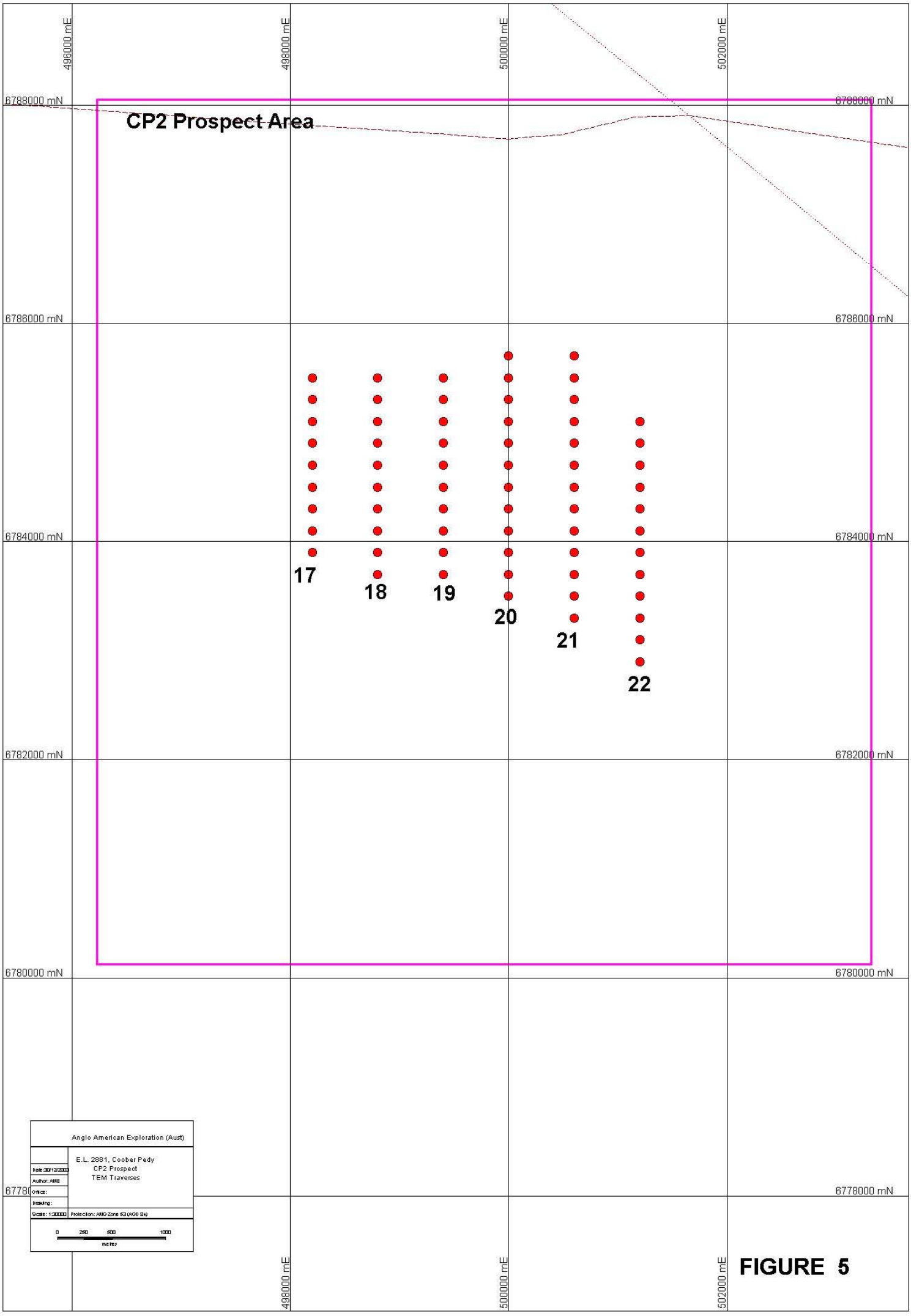

496000 mE
498000 mE
500000 mE
502000 mE
6788000 mN
6786000 mN
6784000 mN
6782000 mN
6780000 mN
6778000 mN
CP2 Prospect Area
17
18
19
20
21
22
Anglo American Exploration (Aust)
E.L. 2881, Coober Pedy
CP2 Prospect
TEM Traverses
Date: 30/12/2003
Author: AMB
Drawing:
Scale: 1:30000
Projection: AMG Zone 53 (AGD 84)
0
250
500
1000
metres

FIGURE 5

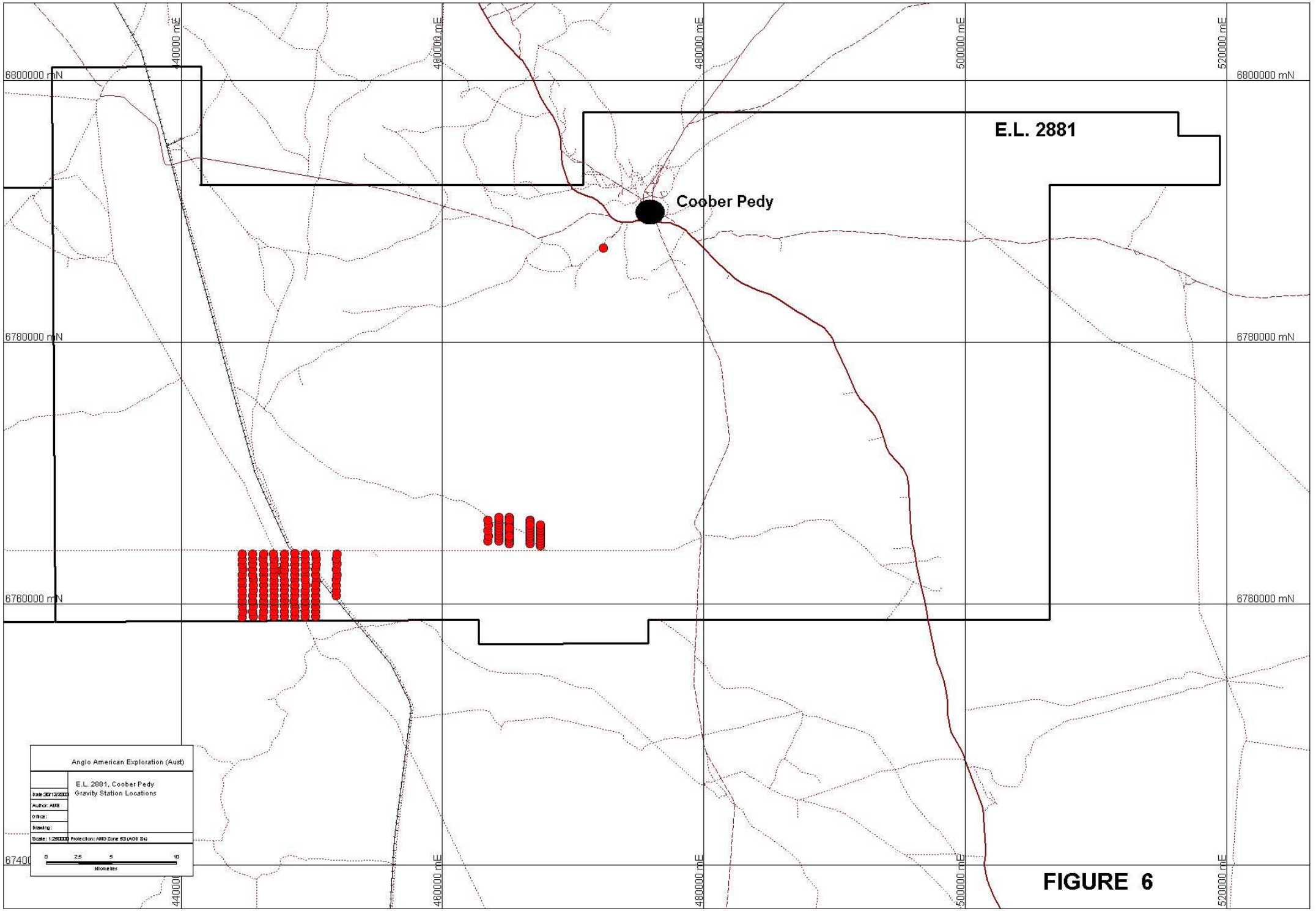

E.L. 2881
Coober Pedy
6800000 mN
6780000 mN
6760000 mN
6740000 mN
440000 mE
460000 mE
480000 mE
500000 mE
520000 mE
Anglo American Exploration (Aust)
E.L. 2881, Coober Pedy
Gravity Station Locations
Author: AMB
Office:
Drawing:
Projection: AMG Zone 53 (AGD 84)
0 2.5 5 10
kilometres

FIGURE 6

Memo to: A. Brewer

Copy to: T. Kennedy.

Date: 15.5.2003

From: G. Teale

Subject: Brief petrology on samples collected by A. Brewer (various RC drillholes).

Adrian, below are the brief descriptions and comments on "low temperature" alteration for samples from CR91022 and CR93002. The sections are from composites with various different rock-types subdivided and presented as sections marked A, B, C, etc. (as discussed).

Samples CR91022B and CR91022C contain cummingtonite replacing orthopyroxene whereas CR91022D contains an unusual calcic scapolite-bearing rock-type. Weathering has created clays in many chips but no low temperature "alteration".

Sample CR93002C contains hercynite as inclusions in cordierite and also abundant graphite. The cordierite is largely replaced by clay minerals and the hercynite is most likely zinc-poor (see earlier reports).

Drillhole CR91022

CR91022A: Leucocratic. This sample is dominated by leucocratic, two-feldspar, quartz-biotite gneiss. They may be local anatectic melts and contain large (up to 0.3mm) hydrothermal zircons.

CR91022B: Five different rock-types in the section.

- Interbanded garnet-quartz ± biotite and quartz-K-feldspar-plagioclase ± biotite gneiss.

- Garnet-plagioclase-hedenbergite-ilmenite gneiss (or granulite).

- Quartz-K-feldspar-garnet-biotite gneiss.

- Retrogressed, two-pyroxene, plagioclase-biotite granulite. Orthopyroxene replaced by cummingtonite.

- Two-pyroxene, plagioclase-hornblende (-ilmenite-biotite-pyrrhotite-chalcopyrite) granulite. Trace chalcopyrite.

CR91022C: Generally retrogressed rock-types (4 chips).

- Quartz-K-feldspar-garnet-biotite-plagioclase-pyrrhotite; garnet and biotite are being replaced by chlorite and plagioclase by clay weathering products. Pyrrhotite is converting to pyrite.

- Retrogressed orthopyroxene-plagioclase-hornblende-biotite granulite. Orthopyroxene being replaced by a lower T, sub-aluminous amphibole.

- Possible silicate iron formation; quartz-orthopyroxene-garnet-magnetite rock; strong fabric.

- Retrogressed two-pyroxene, plagioclase-ilmenite-biotite-hornblende granulite. All orthopyroxene has been retrogressed to cummingtonite.

CR91022D: Four chips in the polished thin section and all are different.

- Retrogressed two-pyroxene, plagioclase-biotite-ilmenite granulite; all orthopyroxene replaced by clays.

- Quartz-rich, plagioclase-orthopyroxene-garnet-biotite-ilmenite granulite. Abundant retrograde amphiboles, including cummingtonite.

- Highly sulphidic (pyrite/pyrrhotite), weathered, retrogressed, plagioclase- quartz-biotite (-?garnet) gneiss. Abundant clays.

- Layered mafic gneiss; interbanded orthopyroxene-clinopyroxene-plagioclase-biotite granulite and hornblende-plagioclase-calcic scapolite-clinopyroxene-biotite rock.

This drillhole (CR91022) contains a wide variety of rock-types. The interbanding of two-pyroxene granulites with meta-sediments (including silicate/oxide iron formation and possible scapolitic calc-silicate), suggests that these were originally mafic volcanics or tuffs.

Drillhole CR93002

CR93002A: Leucocratic rock-types. Most of these are probably locally derived anatectic melts. Some are garnet-bearing and all have the assemblage quartz-K-feldspar-plagioclase (-garnet). Biotite is rare and no zircon or monazite were observed. Low temperature chlorite and white mica development in plagioclase is not considered significant.

CR93002B: Four rock chips.
All chips are hornblende-plagioclase-clinopyroxene-ilmenite "amphibolite". Retrograde amphiboles can replace clinopyroxene and the hornblende (along grain margins) breaks down to fine grained ilmenite-biotite ± clinopyroxene.

CR93002C: Four chips separated as being biotite-rich.

K-feldspar-biotite-quartz-garnet-cordierite (-ilmenite-graphite-hercynite) gneiss. Hercynite occurs as inclusions in cordierite (most cordierite replaced by clay minerals). Abundant graphite and no plagioclase.

Memo to: A. Brewer

Copy to: M. Webb, T. Kennedy.

Date: 24.3.2003

From: G. Teale

Subject: Diamond drillhole, DD87LR2, Coober Pedy Ridge area; comments on magnetite content and rock-types.

Adrian and Mike,

With regard to the large magnetic anomaly previously drilled by CRAE (DD87LR2) on the Coober Pedy Ridge, the following points and thin section descriptions may be of interest.

-The drillhole is similar to drillhole CD93009, also drilled on the Coober Pedy Ridge.

-The polished thin sections available have the following mineralogy:

111.1m:	Quartz-K-feldspar-cordierite-sillimanite-magnetite-titanhematite-ferrianilmenite-hercynite-corundum-hogbomite (10%-15% magnetite).
123.6m:	As above but more magnetite and cordierite-rich (10%-15% magnetite).
136.5m:	Quartz-plagioclase-magnetite-garnet-cordierite-hercynite-biotite (~10% magnetite) (crosscutting carbonate veins are present).
163.0m:	Quartz-magnetite-orthopyroxene-K-feldspar-apatite-biotite-hercynite-cordierite gneiss (~20% magnetite).
167.6m:	Quartz-plagioclase-magnetite-orthopyroxene-biotite (-garnet) gneiss (~25% magnetite).
176.3m:	Plagioclase-orthopyroxene-hornblende-quartz-titanhematite (no magnetite).
184.1m:	Quartz-garnet-magnetite (-K-feldspar) gneiss (10%-15% magnetite).

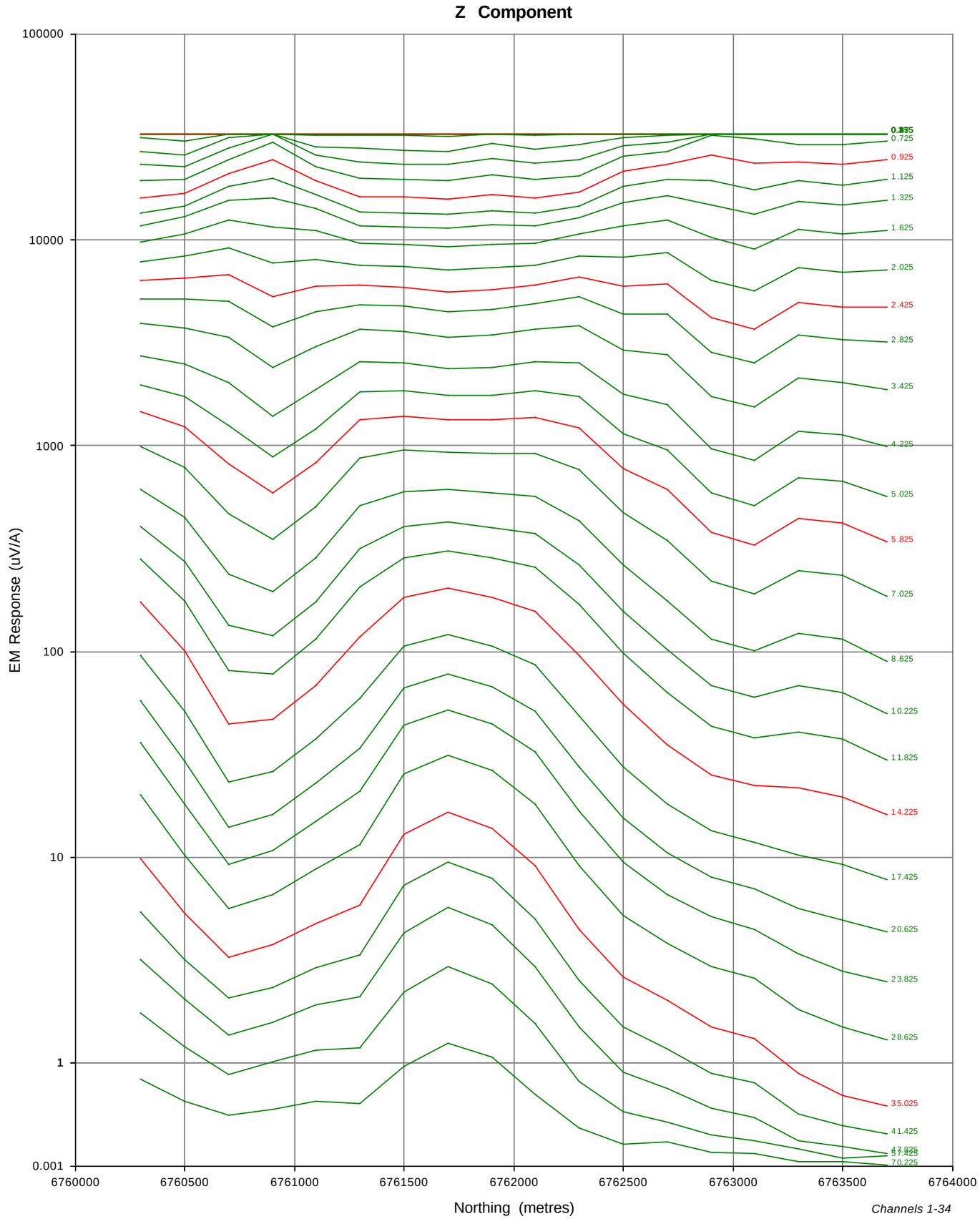
- Cordierite in the drillhole was previously misidentified as plagioclase.

- Only minor pyrrhotite was observed in one section. The metamorphics are extremely high grade, oxidised and sulphur-poor.

- Bands of magnetite-quartz-feldspar (high magnetite component) exhibit unusual textures that can also be observed in the Christie Fe-formation west of Tarcoola.

- In some areas bands of magnetite-quartz-apatite are probably original, thin banded iron formation.

G. Teale



WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 200 m

RECEIVER

Receiver : Sirotem MkIII
Frequency : 3.12
Component : Z
Rx Coil : RVR 3 component
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Solo Custom
Loop : None
Tx Moment : 40000 turn-m
Tx Current : 1 A
Turn Off : 0.25 ms

Electromagnetic Imaging Technology

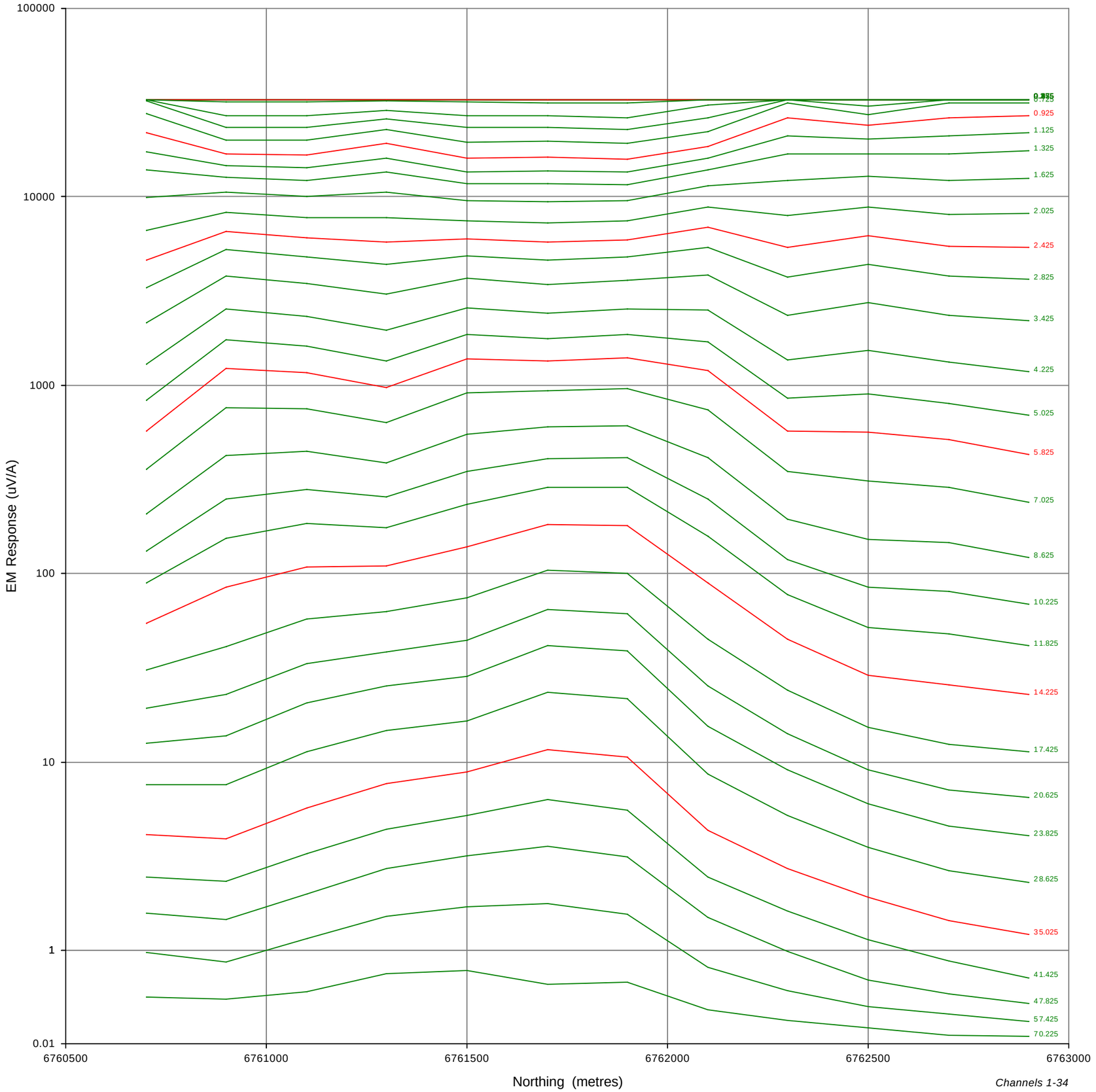
Coober Pedy CP1 Prospect

In-Loop EM Survey

PROFILES OF EM RESPONSE Line 447100

Drawn :	
Job No. :	

Z Component



Channels 1-34

WINDOW TIMES (ms)
From the start of the Ramp

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3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 200 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 40000 turn-m
Tx Current	: 1 A
Turn Off	: 0.25 ms

Electromagnetic Imaging Technology

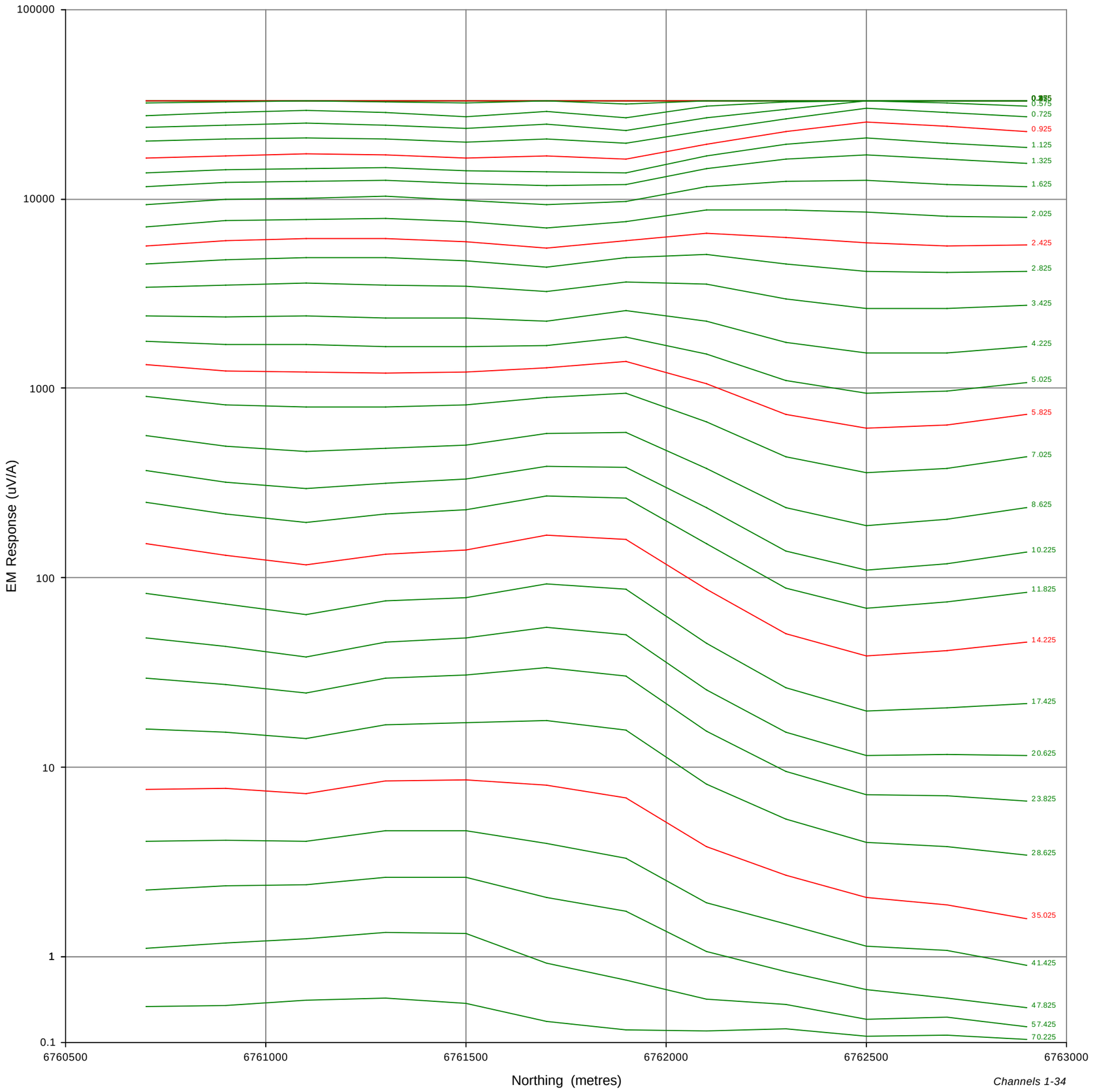
Coober Pedy CP1 Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 447500

Drawn :	
Job No. :	

Z Component



Channels 1-34

WINDOW TIMES (ms)
From the start of the Ramp

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2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 200 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 40000 turn-m
Tx Current	: 1 A
Turn Off	: 0.25 ms

Electromagnetic Imaging Technology

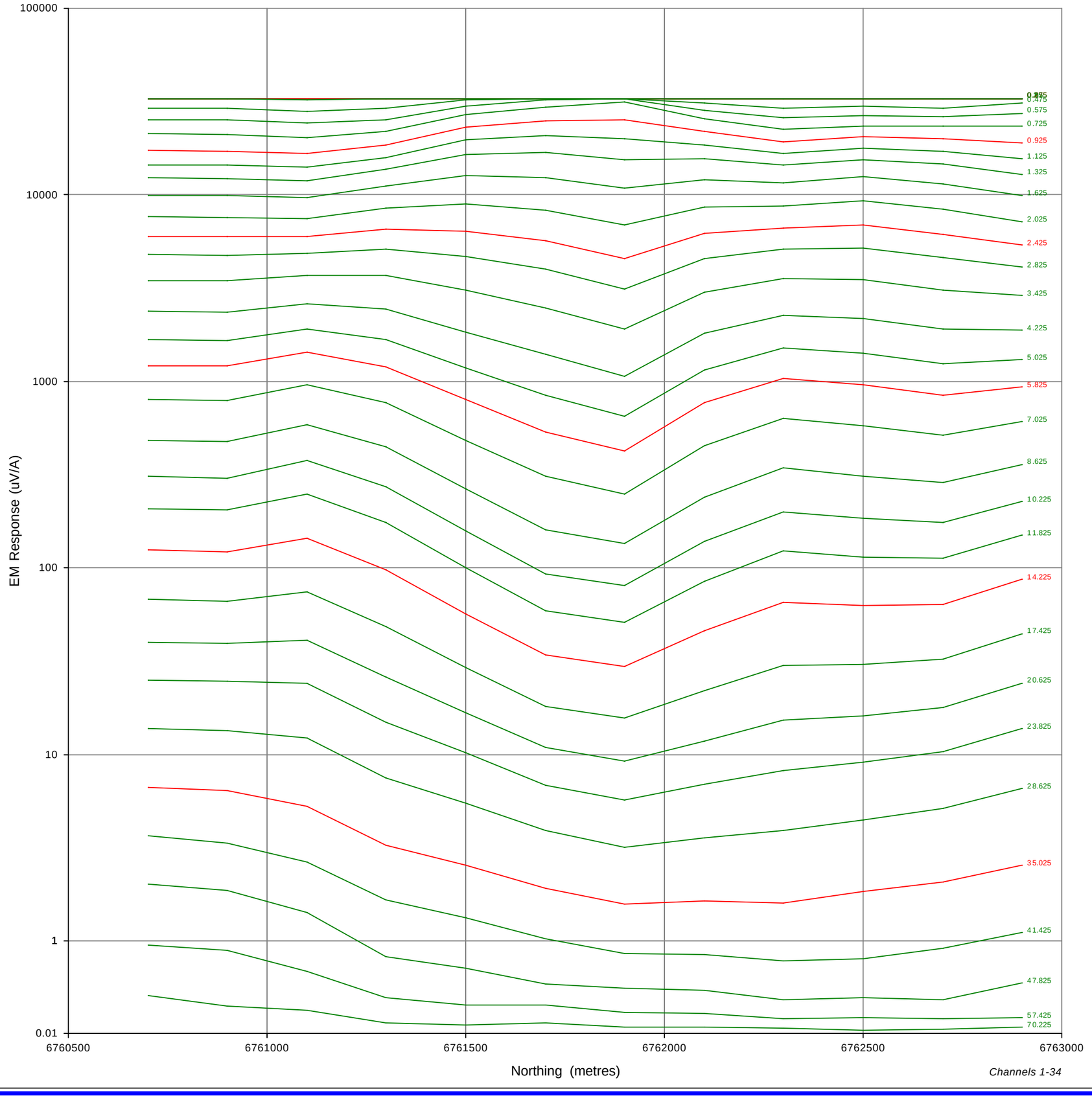
Coober Pedy CP1 Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 447900

Drawn :	
Job No. :	

Z Component



Channels 1-34

WINDOW TIMES (ms)
From the start of the Ramp

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2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 200 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 40000 turn-m
Tx Current	: 1 A
Turn Off	: 0.25 ms

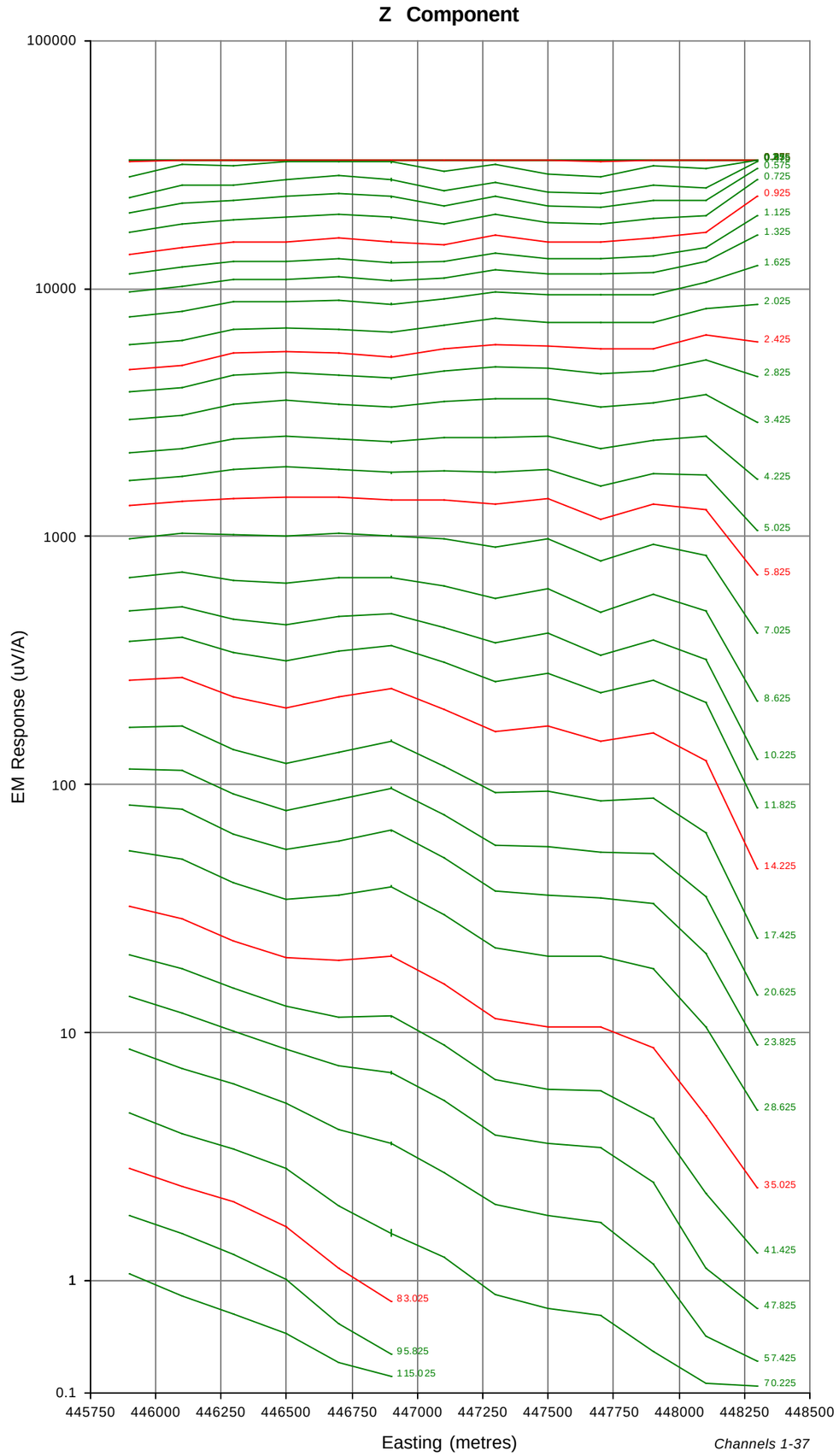
Electromagnetic Imaging Technology

Coober Pedy CP1 Prospect

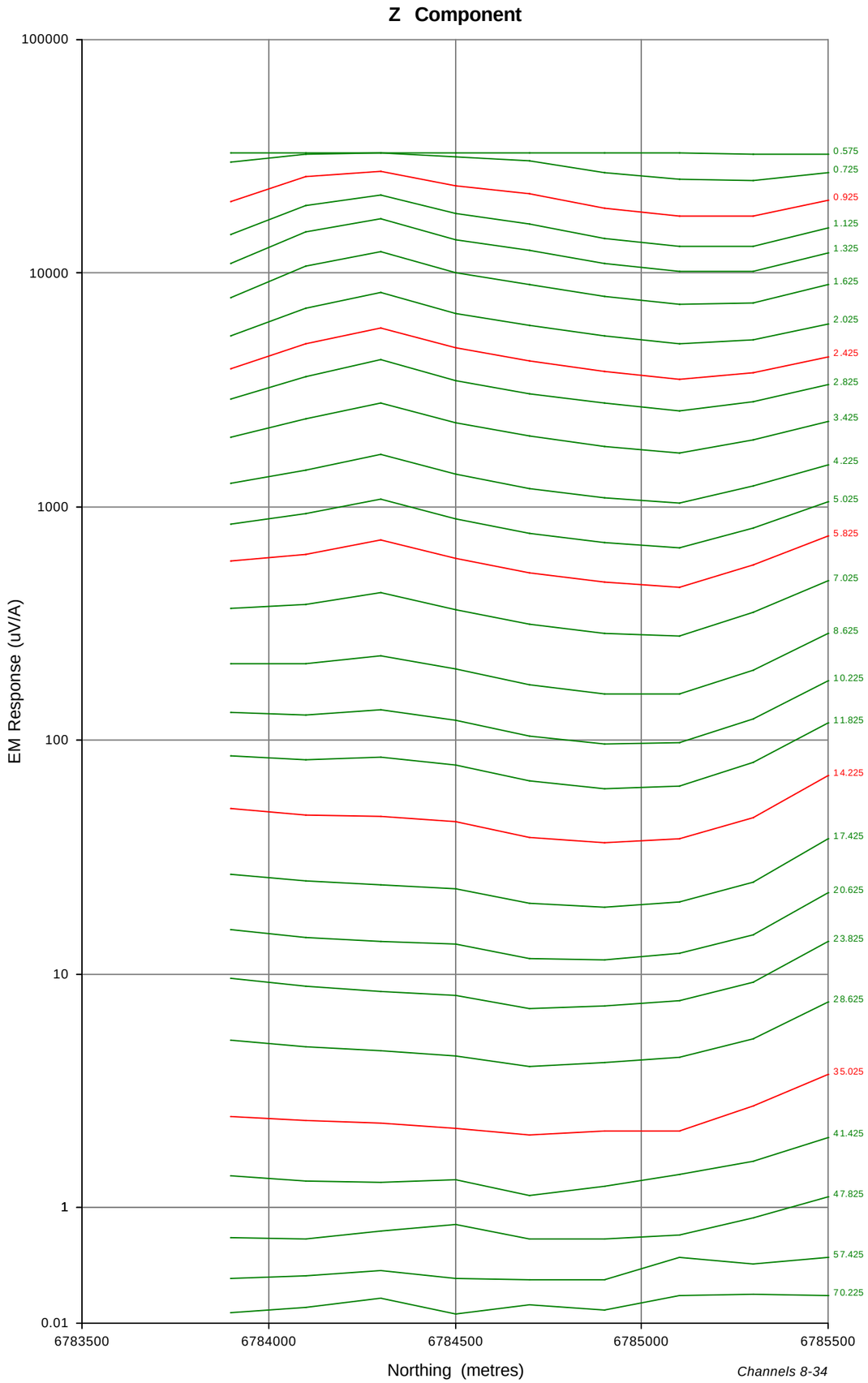
In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 448300

Drawn :	
Job No. :	



Electromagnetic Imaging Technology	
Coober Pedy CP1 Prospect In-Loop EM Survey PROFILES OF EM RESPONSE Line 6761580N	
Drawn :	
Job No. :	



WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 200 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 Component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 40000 turn-m
Tx Current	: 1 A
Turn Off	: 0.25 ms

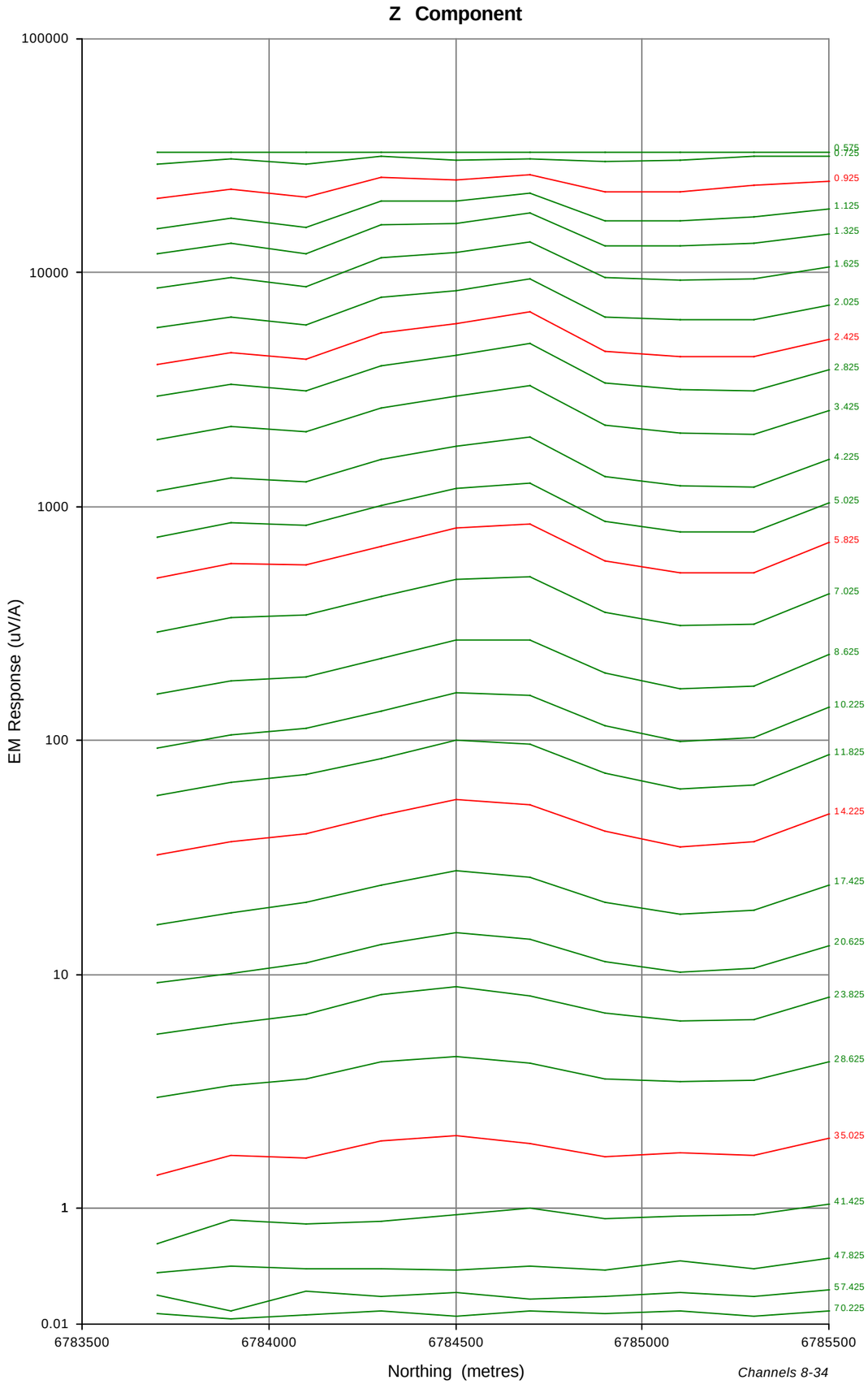
Electromagnetic Imaging Technology

Coober Pedy CP2 Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 498200

Drawn :	
Job No. :	



WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 200 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 Component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 40000 turn-m
Tx Current	: 1 A
Turn Off	: 0.25 ms

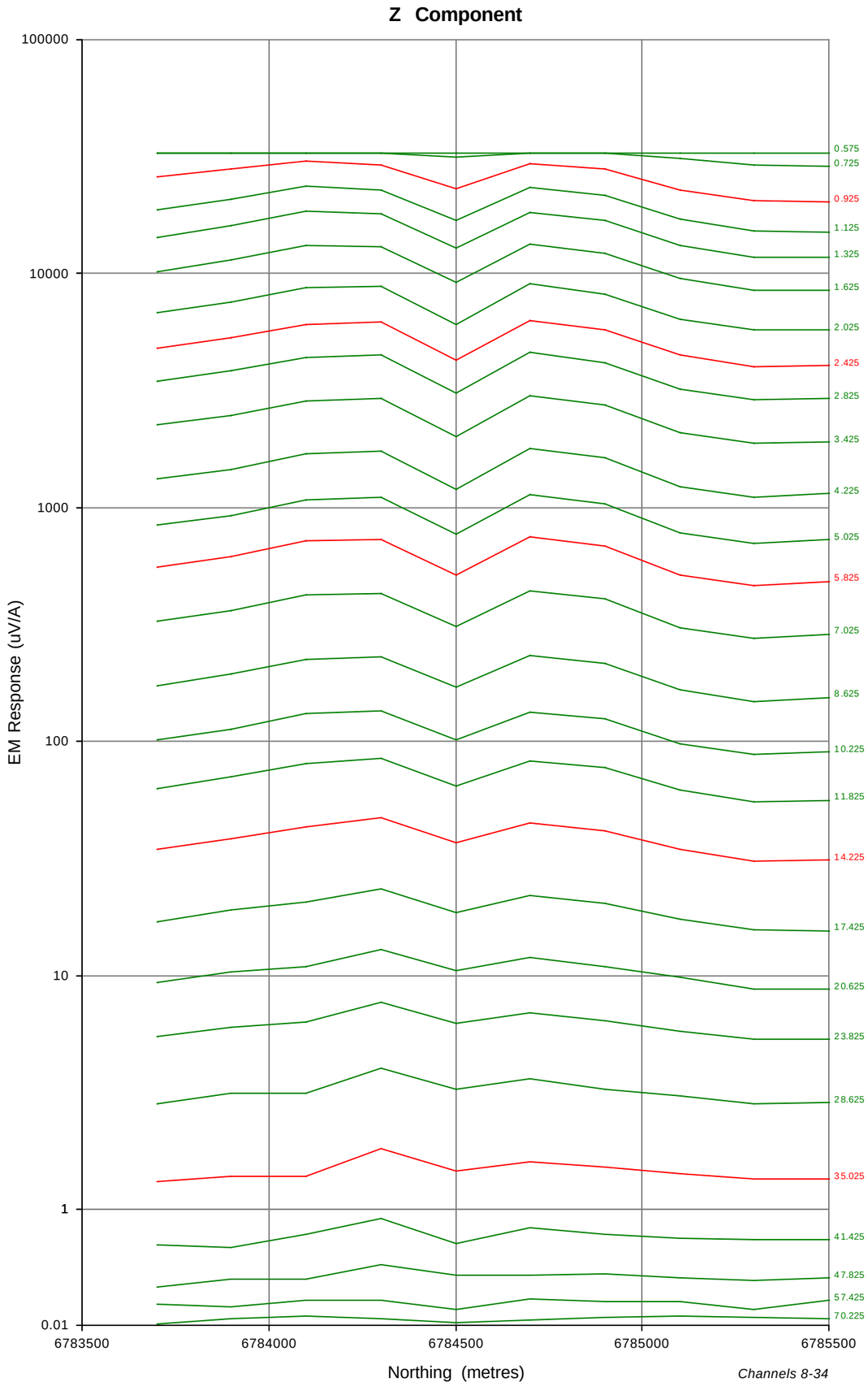
Electromagnetic Imaging Technology

Coober Pedy CP2 Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 498800

Drawn :	
Job No. :	



WINDOW TIMES (ms)
From the start of the Ramp

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2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 200 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 Component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 40000 turn-m
Tx Current	: 1 A
Turn Off	: 0.25 ms

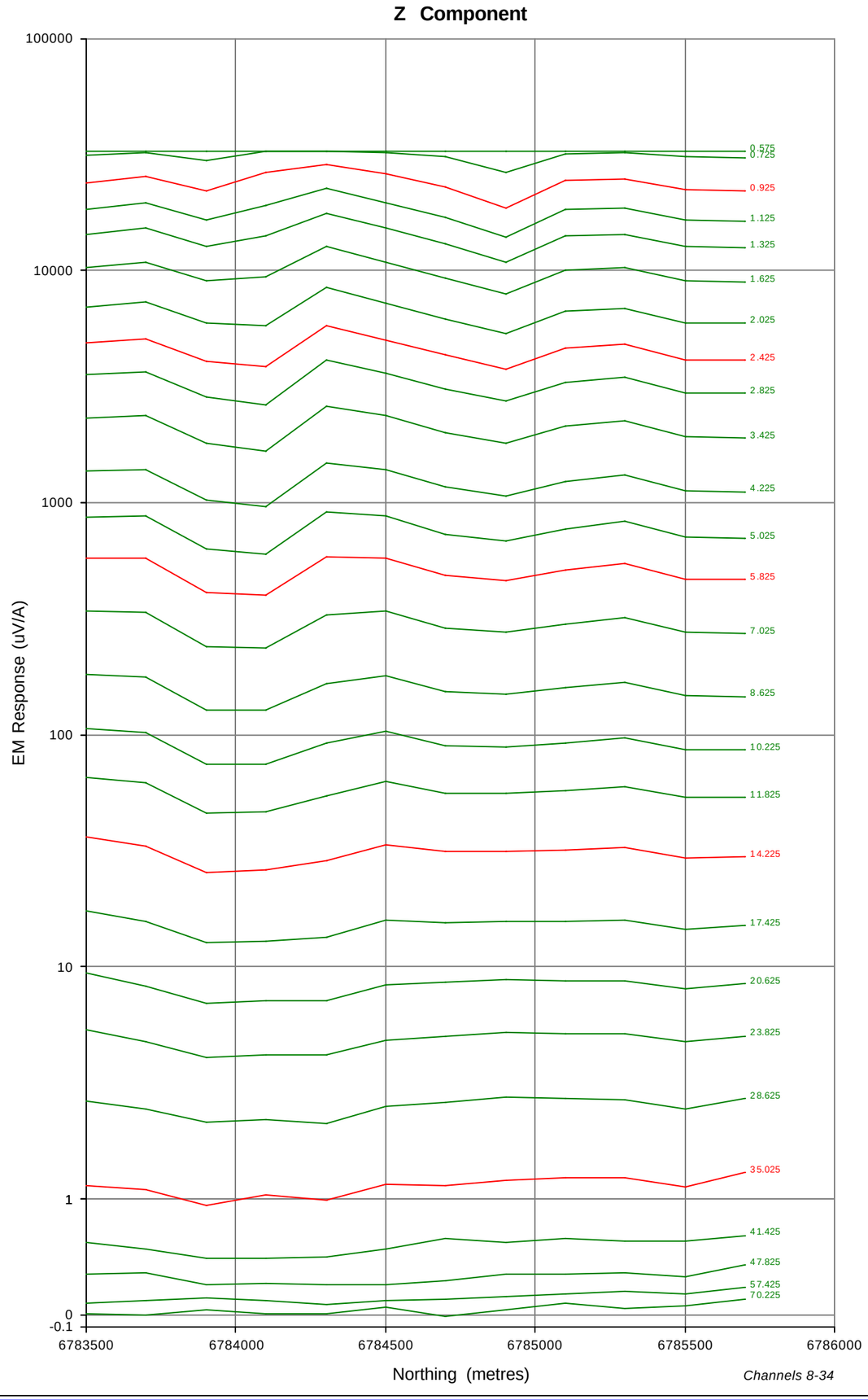
Electromagnetic Imaging Technology

Coober Pedy CP2 Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 499400

Drawn :	
Job No. :	



WINDOW TIMES (ms)
From the start of the Ramp

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2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 200 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 Component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 40000 turn-m
Tx Current	: 1 A
Turn Off	: 0.25 ms

Electromagnetic Imaging Technology

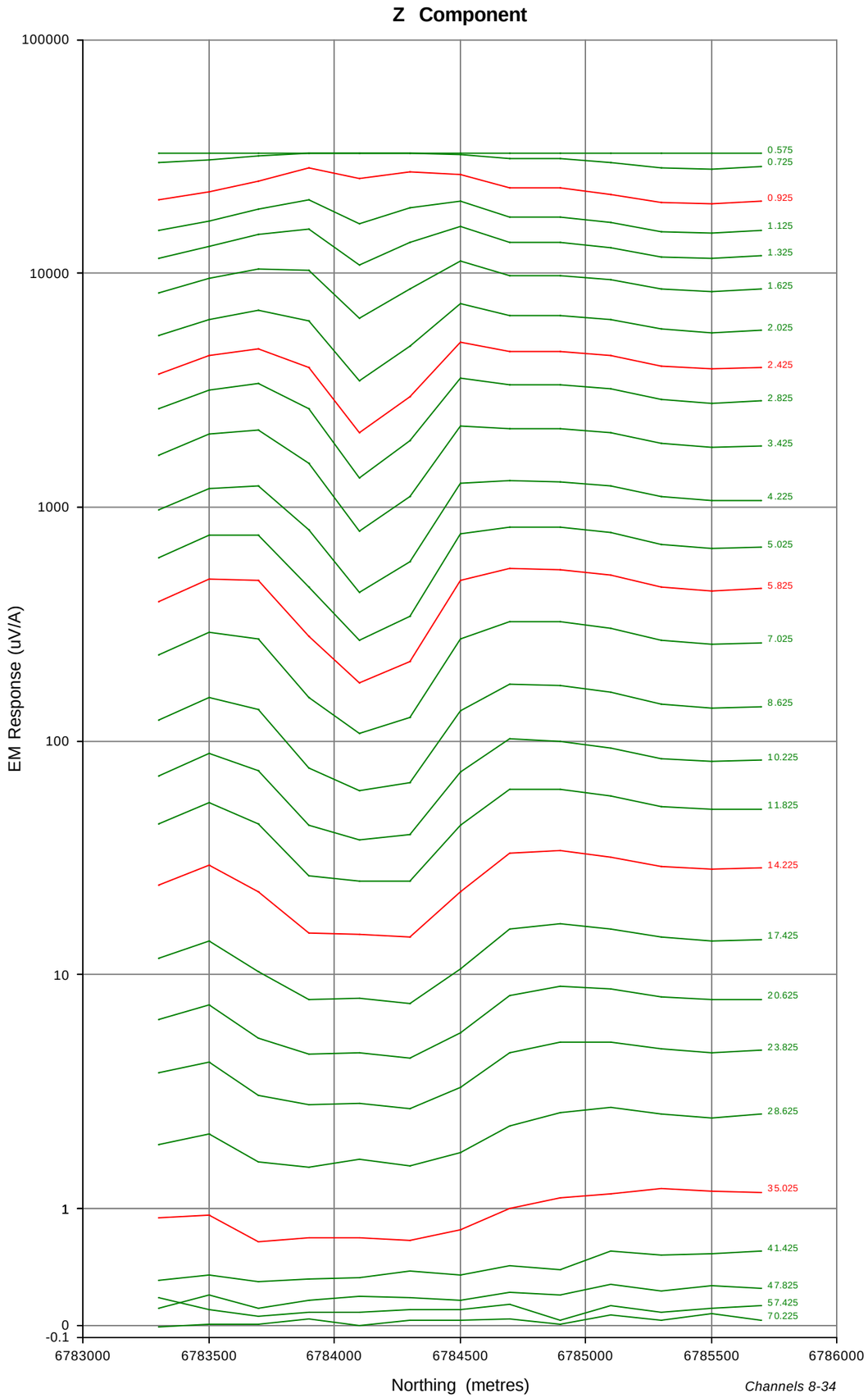
Coober Pedy CP2 Prospect

In-Loop EM Survey

PROFILES OF EM RESPONSE

Line 500000

Drawn :	
Job No. :	



WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 200 m

RECEIVER

Receiver : Sirotem MkIII
Frequency : 3.12
Component : Z
Rx Coil : RVR 3 Component
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Solo Custom
Loop : None
Tx Moment : 40000 turn-m
Tx Current : 1 A
Turn Off : 0.25 ms

Electromagnetic Imaging Technology

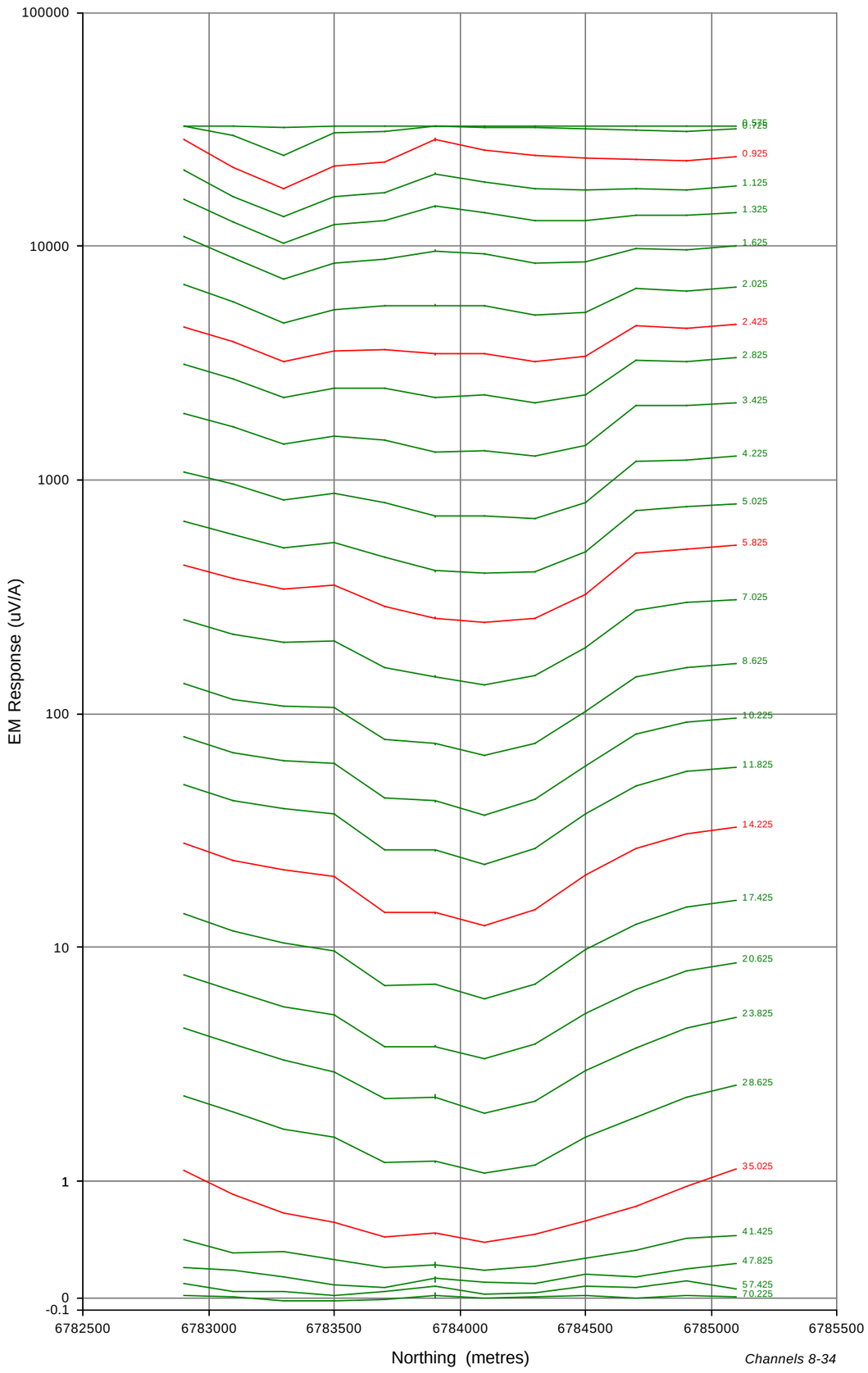
Coober Pedy CP2 Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 500600

Drawn :	
Job No. :	

Z Component



Channels 8-34

WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 200 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 Component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 40000 turn-m
Tx Current	: 1 A
Turn Off	: 0.25 ms

Electromagnetic Imaging Technology

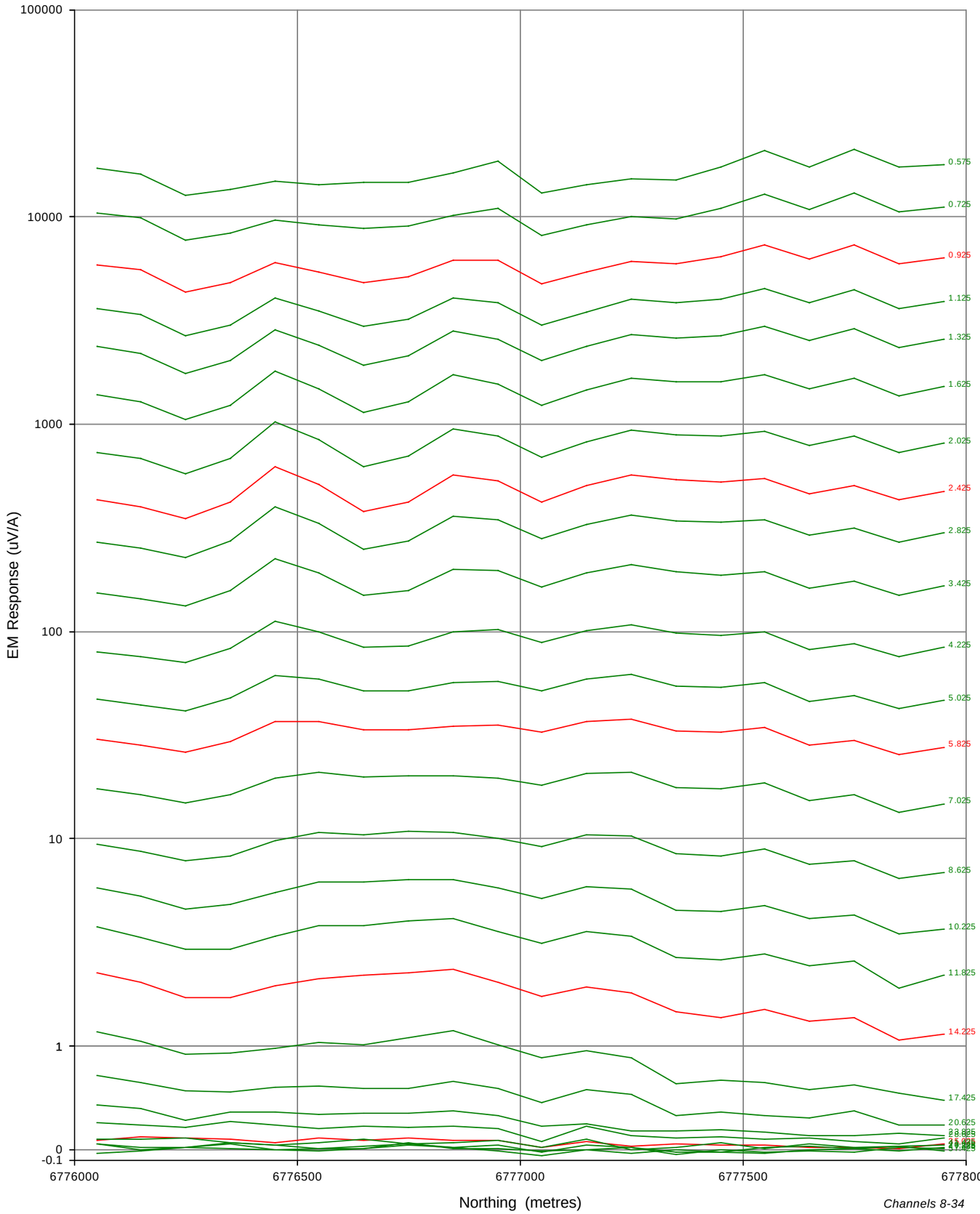
Coober Pedy CP2 Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 501200

Drawn :	
Job No. :	

Z Component



Channels 8-34

WINDOW TIMES (ms)
From the start of the Ramp

1 : 0.0500	18 : 4.225
2 : 0.1000	19 : 5.025
3 : 0.1500	20 : 5.825
4 : 0.2000	21 : 7.025
5 : 0.2750	22 : 8.625
6 : 0.3750	23 : 10.22
7 : 0.4750	24 : 11.82
8 : 0.5750	25 : 14.22
9 : 0.7250	26 : 17.43
10 : 0.9250	27 : 20.62
11 : 1.125	28 : 23.82
12 : 1.325	29 : 28.62
13 : 1.625	30 : 35.02
14 : 2.025	31 : 41.42
15 : 2.425	32 : 47.83
16 : 2.825	33 : 57.42
17 : 3.425	34 : 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 100 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 Component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 10000 turn-m
Tx Current	: 1 A
Turn Off	: 0.2 ms

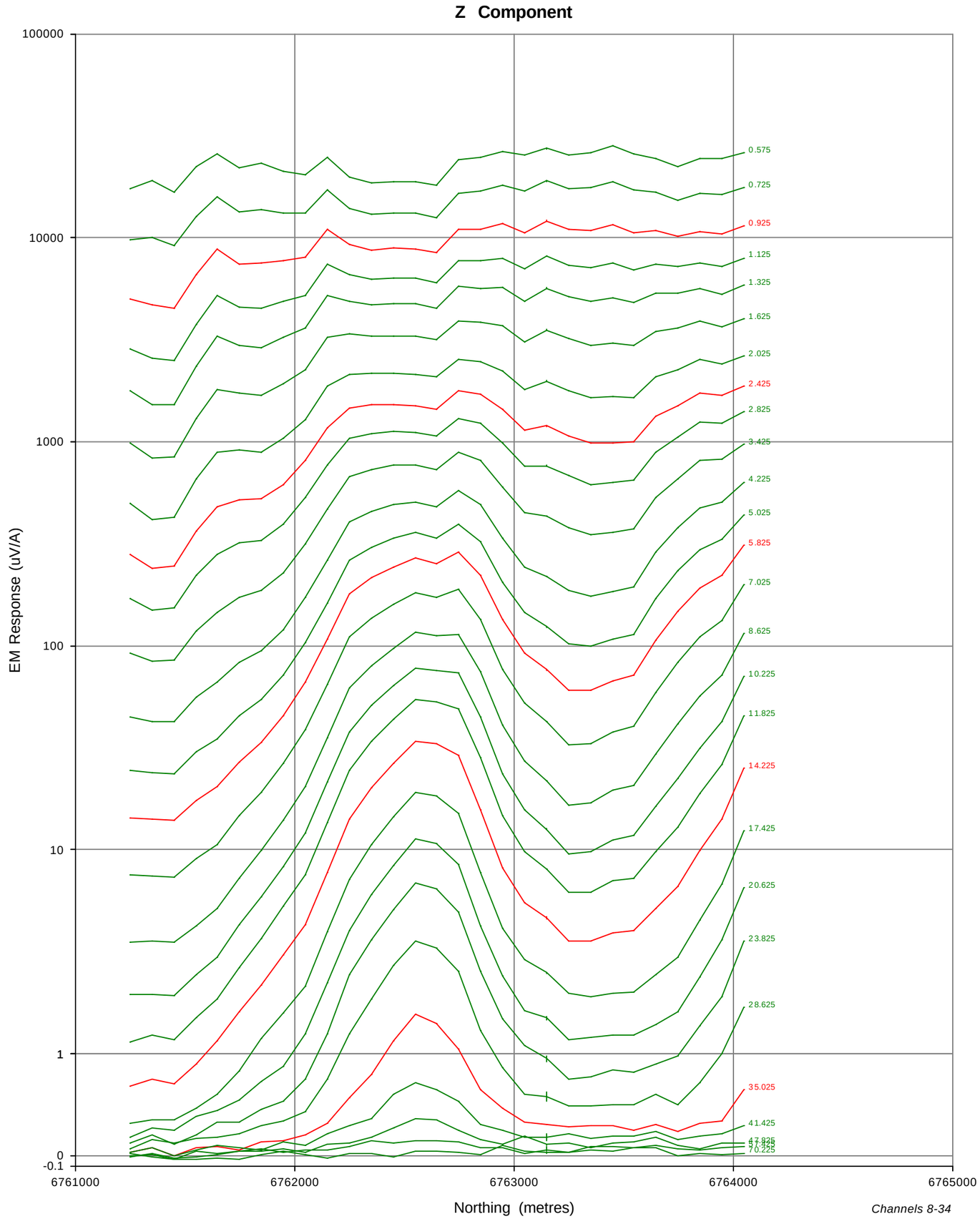
Electromagnetic Imaging Technology

Coober Pedy Ridge Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 418750E

Drawn :	
Job No. :	



WINDOW TIMES (ms)
From the start of the Ramp

1 : 0.0500	18 : 4.225
2 : 0.1000	19 : 5.025
3 : 0.1500	20 : 5.825
4 : 0.2000	21 : 7.025
5 : 0.2750	22 : 8.625
6 : 0.3750	23 : 10.22
7 : 0.4750	24 : 11.82
8 : 0.5750	25 : 14.22
9 : 0.7250	26 : 17.43
10 : 0.9250	27 : 20.62
11 : 1.125	28 : 23.82
12 : 1.325	29 : 28.62
13 : 1.625	30 : 35.02
14 : 2.025	31 : 41.42
15 : 2.425	32 : 47.83
16 : 2.825	33 : 57.42
17 : 3.425	34 : 70.22

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 100 m

RECEIVER

Receiver : Sirotem MkIII
Frequency : 3.12
Component : Z
Rx Coil : RVR 3 Component
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Solo Custom
Loop : None
Tx Moment : 10000 turn-m
Tx Current : 1 A
Turn Off : 0.2 ms

Electromagnetic Imaging Technology

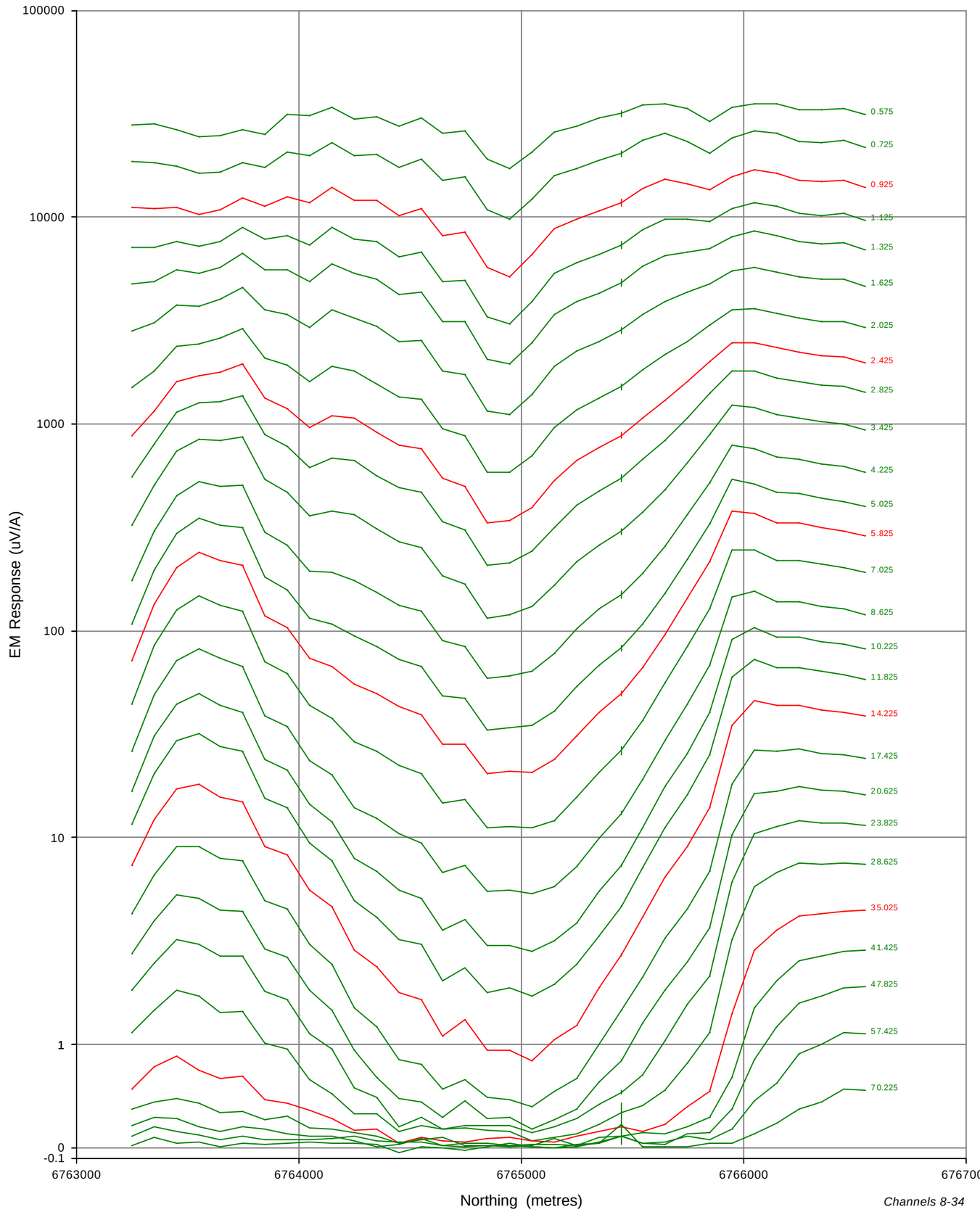
Coober Pedy Ridge Prospect

In-Loop EM Survey

PROFILES OF EM RESPONSE Line 424650E

Drawn :	
Job No. :	

Z Component



Channels 8-34

WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 100 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 Component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 10000 turn-m
Tx Current	: 1 A
Turn Off	: 0.2 ms

Electromagnetic Imaging Technology

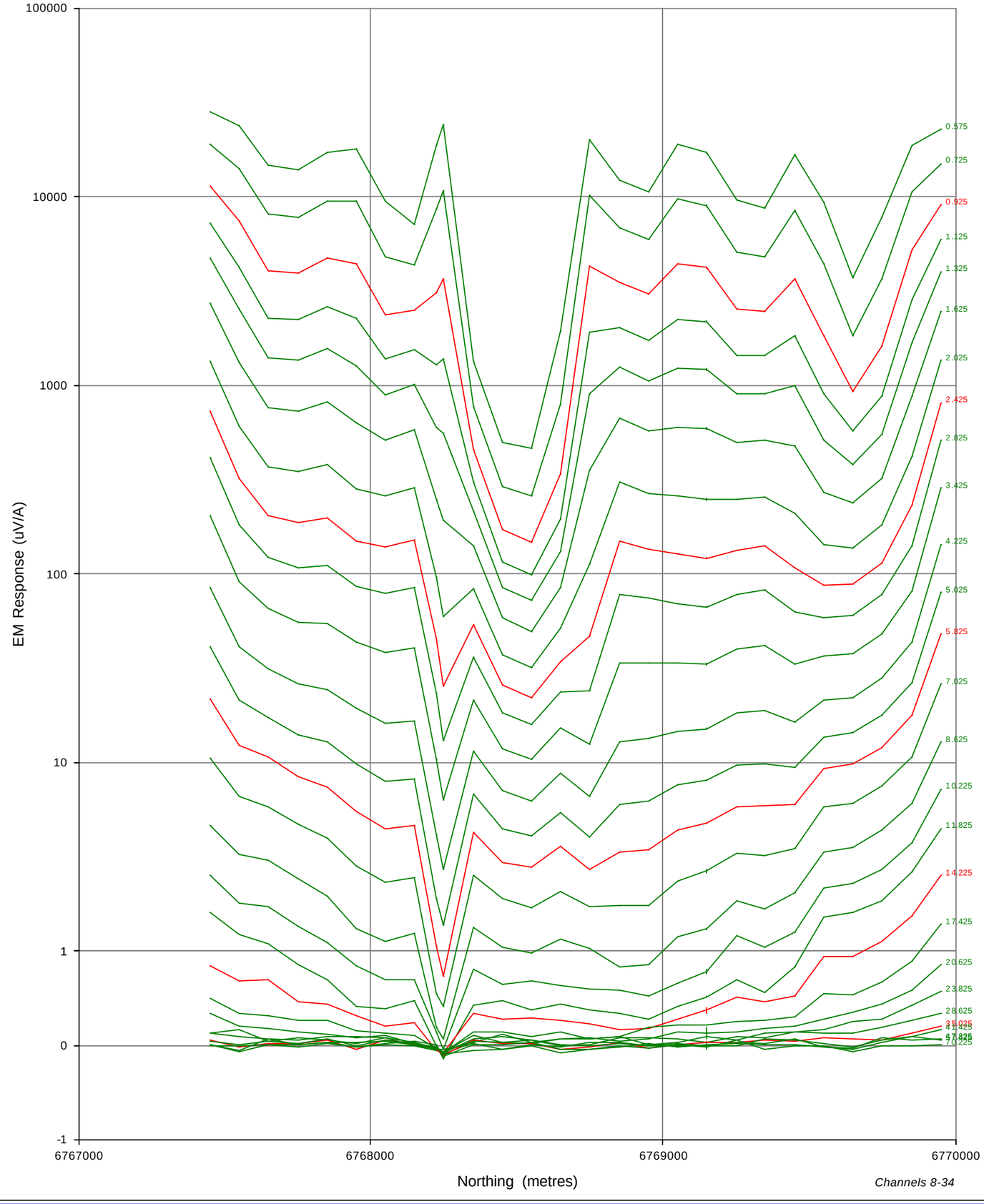
Coober Pedy Ridge Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 425750E

Drawn :	
Job No. :	

Z Component



WINDOW TIMES (ms)
From the start of the Ramp

1 : 0.0500	18 : 4.225
2 : 0.1000	19 : 5.025
3 : 0.1500	20 : 5.825
4 : 0.2000	21 : 7.025
5 : 0.2750	22 : 8.625
6 : 0.3750	23 : 10.22
7 : 0.4750	24 : 11.82
8 : 0.5750	25 : 14.22
9 : 0.7250	26 : 17.43
10 : 0.9250	27 : 20.62
11 : 1.125	28 : 23.82
12 : 1.325	29 : 28.62
13 : 1.625	30 : 35.02
14 : 2.025	31 : 41.42
15 : 2.425	32 : 47.83
16 : 2.825	33 : 57.42
17 : 3.425	34 : 70.22

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25-100 m

RECEIVER

Receiver : Sirotem MkIII
Frequency : 3.12
Component : Z
Rx Coil : RVR 3 Component
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Solo Custom
Loop : None
Tx Moment : 10000 turn-m
Tx Current : 1 A
Turn Off : 0.2 ms

Electromagnetic Imaging Technology

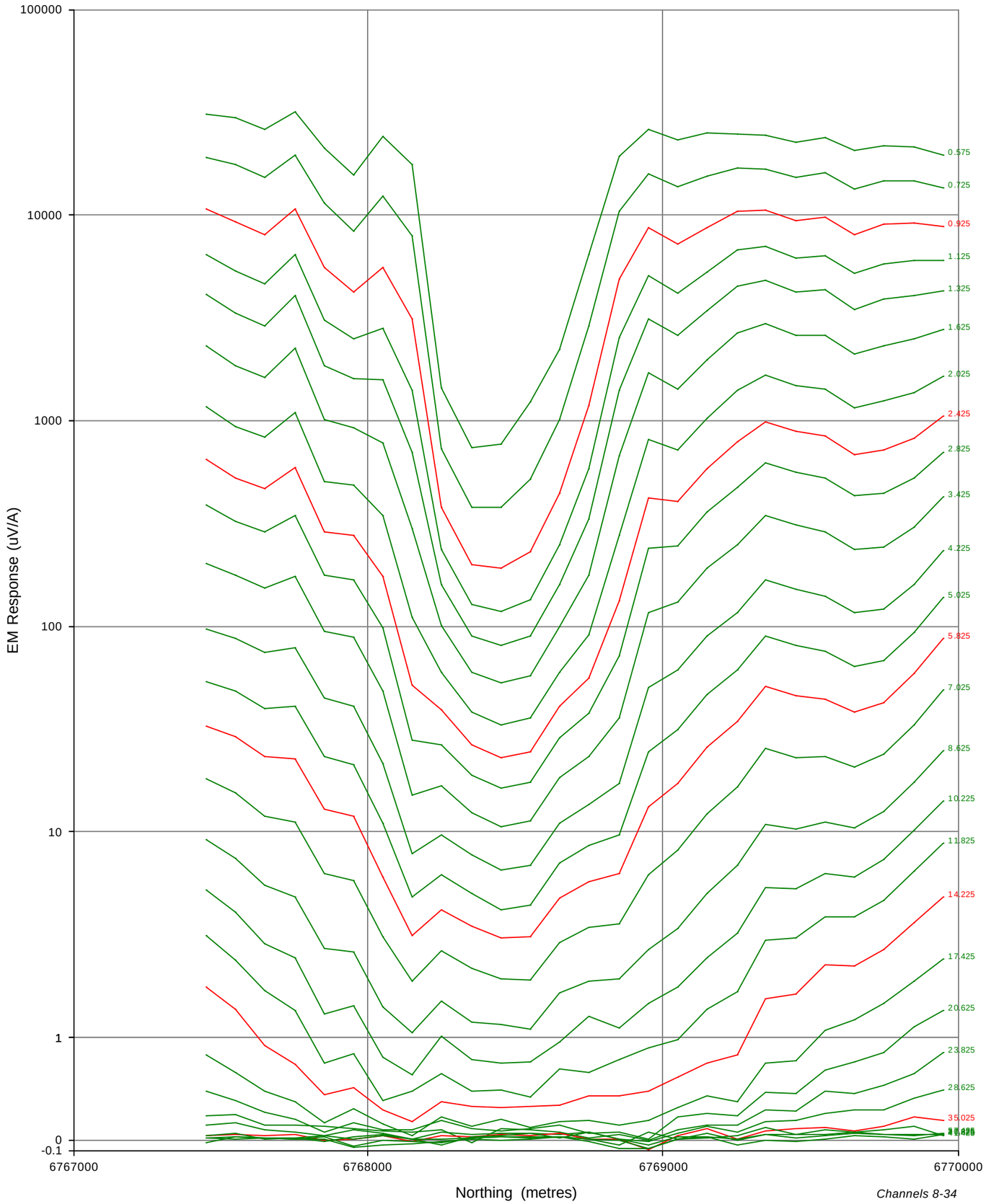
Coober Pedy Ridge Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 427150E

Drawn :	
Job No. :	

Z Component



Channels 8-34

WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 100 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 Component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 10000 turn-m
Tx Current	: 1 A
Turn Off	: 0.2 ms

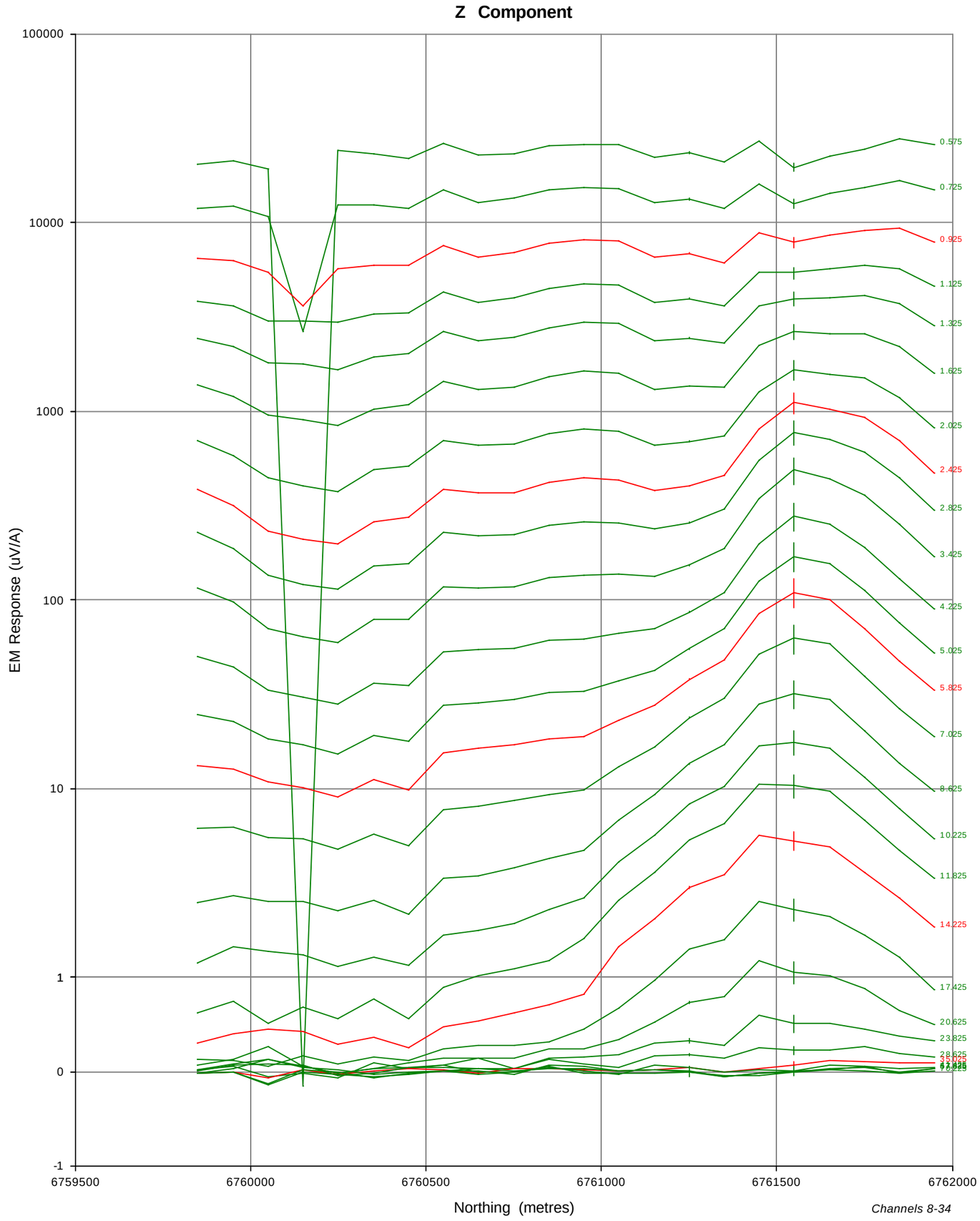
Electromagnetic Imaging Technology

Coober Pedy Ridge Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 427550E

Drawn :	
Job No. :	



WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 100 m

RECEIVER

Receiver : Sirotem MkIII
Frequency : 3.12
Component : Z
Rx Coil : RVR 3 Component
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Solo Custom
Loop : None
Tx Moment : 10000 turn-m
Tx Current : 1 A
Turn Off : 0.2 ms

Electromagnetic Imaging Technology

Coober Pedy Ridge Prospect

In-Loop EM Survey

PROFILES OF EM RESPONSE Line 427970E

Drawn :	
Job No. :	

"EAST_GDA94","NORTH_GDA94","G_obs","elevation","Boug_anom_2p67","Station","Line"
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```
CP1
UNITS:(uV/A) CONFIG:INLOOP RXAREA:10000 TXAREA:40000 INITDELAY:0 TURNON:.13 TURNOFF:.25 OFFTIME:80 INST:SIROTEM3 FREQUENCY:COMPOSITE
    LINE     EAST    NORTH LSIDE     CUR  RMP G          F C NCH        VPRI        Ch1         Ch2         Ch3         Ch4         Ch5         Ch6         Ch7         Ch8         Ch9        Ch10        Ch11        Ch12        Ch13        Ch14        Ch15        Ch16        Ch17        Ch18        Ch19        Ch20        Ch21        Ch22        Ch23        Ch24        Ch25        Ch26        Ch27        Ch28        Ch29        Ch30        Ch31        Ch32        Ch33        Ch34
\SIROTEM FIELD DATA
\SURVEY AREA :Coober Pedy S. Aust
\PROSPECT :CP1
\DATE      :26-05-2003
\CURRENT NORMALIZATION ALTERED FROM VALUE USED BY SIROTEM =     .00
\                              TO  VALUE ACTUALLY TRANSMITTED =     .00
\Stacking type (0=all,1=last,2=AVERAGE,3=best sd of last 2, :  =0
\              4=best sd of all
\              5=median,6=average of median 3)
\
\200 x 200m inloop at 200m moves
\
\LOOP: , , , , ,
\
\    LOOP         LINE      STN LSIDE     CUR  RMP G          F C NCH        VPRI        Ch1         Ch2         Ch3         Ch4         Ch5         Ch6         Ch7         Ch8         Ch9        Ch10        Ch11        Ch12        Ch13        Ch14        Ch15        Ch16        Ch17        Ch18        Ch19        Ch20        Ch21        Ch22        Ch23        Ch24        Ch25        Ch26        Ch27        Ch28        Ch29        Ch30        Ch31        Ch32        Ch33        Ch34
      10  448300 6762900   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.104e+04  2.737e+04  2.322e+04  1.888e+04  1.551e+04  1.286e+04  9.910e+03  7.163e+03  5.338e+03  4.084e+03  2.872e+03  1.882e+03  1.298e+03  9.309e+02  6.044e+02  3.586e+02  2.262e+02  1.494e+02  8.675e+01  4.434e+01  2.415e+01  1.377e+01  6.500e+00  2.541e+00  1.101e+00  5.436e-01  1.755e-01  7.376e-02
      10  448300 6762700   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.246e+04  2.908e+04  2.620e+04  2.323e+04  1.997e+04  1.710e+04  1.456e+04  1.144e+04  8.296e+03  6.096e+03  4.557e+03  3.075e+03  1.896e+03  1.233e+03  8.410e+02  5.153e+02  2.877e+02  1.743e+02  1.119e+02  6.371e+01  3.227e+01  1.773e+01  1.034e+01  5.147e+00  2.070e+00  9.150e-01  3.707e-01  1.598e-01  4.643e-02
      10  448300 6762800   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.266e+04  2.958e+04  2.637e+04  2.336e+04  2.037e+04  1.778e+04  1.543e+04  1.240e+04  9.201e+03  6.869e+03  5.189e+03  3.557e+03  2.178e+03  1.411e+03  9.732e+02  6.100e+02  3.824e+02  2.158e+02  1.244e+02  6.818e+01  3.599e+01  1.968e+00  9.422e+00  1.832e+00  8.108e-01  3.887e-01  1.786e-01  4.185e-02
      10  448300 6762300   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.253e+04  2.897e+04  2.563e+04  2.238e+04  1.916e+04  1.654e+04  1.430e+04  1.155e+04  8.694e+03  6.611e+03  5.090e+03  3.551e+03  2.263e+03  1.504e+03  1.034e+03  6.316e+02  3.427e+02  1.997e+02  1.223e+02  6.497e+01  2.983e+01  1.511e+01  8.184e+00  3.904e+00  1.585e+00  7.803e-01  3.623e-01  1.693e-01  6.680e-02
      10  448300 6762100   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.094e+04  2.832e+04  2.535e+04  2.176e+04  1.845e+04  1.553e+04  1.200e+04  8.533e+03  6.170e+03  4.548e+03  3.014e+03  1.813e+03  1.152e+03  7.852e+02  4.513e+02  2.394e+02  1.373e+02  8.431e+01  4.565e+01  2.198e+01  1.179e+01  6.887e+00  3.556e+00  1.626e+00  8.523e-01  4.741e-01  2.211e-01  7.425e-02
      10  448300 6761800   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.126e+04  2.521e+04  1.956e+04  1.538e+04  1.177e+04  8.831e+03  6.508e+03  4.691e+03  3.091e+03  1.906e+03  1.065e+03  6.503e+02  3.932e+02  2.489e+02  1.582e+02  1.015e+02  5.560e+01  2.578e+01  1.487e+01  8.744e+00  4.285e+00  1.878e+00  9.592e-01  4.895e-01  2.302e-01  3.342e-02
      10  448300 6761700   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.220e+04  2.929e+04  2.487e+04  2.054e+04  1.675e+04  1.235e+04  8.247e+03  5.636e+03  3.951e+03  2.465e+03  1.385e+03  8.368e+02  5.361e+02  3.076e+02  1.592e+02  9.293e+01  5.884e+01  3.396e+01  1.807e+01  1.077e+01  6.856e+00  3.873e+00  1.915e+00  1.024e+00  5.378e-01  3.055e-01  1.201e-01
      10  448300 6761500   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.205e+04  2.862e+04  2.669e+04  2.385e+04  1.956e+04  1.641e+04  1.258e+04  8.836e+03  6.323e+03  4.626e+03  3.040e+03  1.837e+03  1.133e+03  7.933e+02  4.790e+02  2.630e+02  1.571e+02  9.985e+01  5.671e+01  2.914e+01  1.658e+01  1.012e+01  5.490e+00  2.551e+00  1.323e+00  7.062e-01  3.164e-01  9.274e-02
      10  448300 6761300   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.259e+04  2.895e+04  2.526e+04  2.171e+04  1.836e+04  1.579e+04  1.366e+04  1.108e+04  8.442e+03  6.517e+03  5.105e+03  3.650e+03  2.423e+03  1.673e+03  1.194e+03  7.643e+02  4.421e+02  2.714e+02  1.742e+02  9.784e+01  4.820e+01  2.587e+01  1.488e+01  7.467e+00  3.223e+00  1.653e+00  8.283e-01  3.893e-01  1.147e-01
      10  448300 6761100   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.226e+04  2.709e+04  2.416e+04  2.031e+04  1.664e+04  1.395e+04  1.188e+04  9.060e+03  7.432e+03  5.834e+03  4.598e+03  3.599e+03  2.899e+03  1.417e+03  9.552e+02  5.834e+02  3.730e+02  2.482e+02  1.446e+02  7.417e+01  4.605e+01  2.482e+01  1.446e+01  6.788e+00  3.218e+00  1.423e+00  6.788e-01  2.517e-01
      10  448300 6760900   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.255e+04  2.887e+04  2.498e+04  2.092e+04  1.708e+04  1.432e+04  1.220e+04  9.832e+03  7.535e+03  5.904e+03  4.703e+03  3.449e+03  2.345e+03  1.653e+03  1.200e+03  7.876e+02  4.716e+02  3.017e+02  2.028e+02  1.219e+02  6.638e+01  3.914e+01  2.443e+01  1.335e+01  6.385e+00  3.343e+00  1.860e+00  8.998e-01  3.038e-01
      10  448300 6760700   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.257e+04  2.911e+04  2.532e+04  2.127e+04  1.733e+04  1.448e+04  1.231e+04  9.905e+03  7.591e+03  5.949e+03  4.737e+03  3.472e+03  2.360e+03  1.665e+03  1.211e+03  7.975e+02  4.789e+02  3.072e+02  2.066e+02  1.243e+02  6.755e+01  3.987e+01  2.494e+01  1.378e+01  6.679e+00  3.641e+00  2.013e+00  9.508e-01  4.063e-01
       9  447900 6760700   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.190e+04  2.592e+04  2.745e+04  2.392e+04  2.014e+04  1.647e+04  1.374e+04  1.164e+04  9.324e+03  7.134e+03  5.629e+03  4.545e+03  3.421e+03  2.418e+03  1.769e+03  1.326e+03  9.031e+02  5.627e+02  3.677e+02  2.506e+02  1.518e+02  8.245e+01  4.853e+01  2.918e+01  1.608e+01  7.661e+00  4.061e+00  2.251e+00  1.111e+00  4.759e-01
       9  447900 6760900   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.245e+04  2.840e+04  2.456e+04  2.062e+04  1.691e+04  1.425e+04  1.221e+04  9.914e+03  7.649e+03  6.013e+03  4.796e+03  3.520e+03  2.397e+03  1.696e+03  1.237e+03  8.176e+02  4.957e+02  3.201e+02  2.162e+02  1.314e+02  7.255e+01  4.343e+01  2.749e+01  1.539e+01  7.712e+00  4.138e+00  2.362e+00  1.186e+00  4.886e-01
       9  447900 6761100   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.268e+04  2.822e+04  2.516e+04  2.107e+04  1.706e+04  1.440e+04  1.240e+04  1.006e+04  7.782e+03  6.159e+03  4.858e+03  3.598e+03  2.428e+03  1.688e+03  1.222e+03  7.922e+02  4.674e+02  2.958e+02  1.963e+02  1.176e+02  6.483e+01  3.873e+01  2.473e+01  1.424e+01  7.251e+00  4.063e+00  2.412e+00  1.250e+00  5.457e-01
       9  447900 6761300   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.260e+04  2.870e+04  2.462e+04  2.066e+04  1.709e+04  1.456e+04  1.258e+04  1.027e+04  7.903e+03  6.159e+03  4.862e+03  3.518e+03  2.360e+03  1.654e+03  1.201e+03  7.935e+02  4.842e+02  3.169e+02  2.174e+02  1.338e+02  7.535e+01  4.584e+01  2.943e+01  1.674e+01  8.480e+00  4.632e+00  2.632e+00  1.341e+00  5.678e-01
       9  447900 6761500   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.260e+04  2.720e+04  2.349e+04  1.953e+04  1.644e+04  1.399e+04  1.207e+04  9.849e+03  7.592e+03  5.464e+03  4.346e+03  3.226e+03  2.271e+03  1.676e+03  1.276e+03  8.923e+02  5.760e+02  3.884e+02  2.707e+02  1.684e+02  9.299e+01  5.453e+01  3.346e+01  1.771e+01  8.031e+00  3.953e+00  2.069e+00  9.374e-01  3.163e-01
       9  447900 6761900   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.165e+04  2.665e+04  2.306e+04  1.953e+04  1.623e+04  1.381e+04  1.191e+04  9.731e+03  7.573e+03  6.020e+03  4.867e+03  3.650e+03  2.560e+03  1.858e+03  1.386e+03  9.397e+02  5.848e+02  3.839e+02  2.630e+02  1.595e+02  8.666e+01  5.017e+01  3.049e+01  1.581e+01  6.956e+00  3.326e+00  1.735e+00  7.557e-01  2.334e-01
       9  447900 6762100   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.077e+04  2.677e+04  2.297e+04  1.947e+04  1.675e+04  1.444e+04  1.166e+04  8.684e+03  6.574e+03  5.050e+03  3.524e+03  2.258e+03  1.517e+03  1.059e+03  6.545e+02  3.790e+02  2.345e+02  1.513e+02  7.417e+01  4.513e+01  2.553e+01  1.547e+01  8.164e+00  3.802e+00  1.934e+00  1.073e+00  5.580e-01  2.173e-01
       9  447900 6762300   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.229e+04  2.966e+04  2.646e+04  2.278e+04  1.935e+04  1.625e+04  1.247e+04  8.752e+03  6.239e+03  4.538e+03  2.950e+03  1.752e+03  1.104e+03  7.316e+02  4.337e+02  2.344e+02  1.388e+02  8.826e+01  5.065e+01  2.645e+01  1.538e+01  9.591e+00  5.360e+00  2.702e+00  1.493e+00  8.395e-01  4.964e-01  2.464e-01
       8  447500 6762500   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.082e+04  2.630e+04  2.285e+04  1.701e+04  1.258e+04  8.473e+03  5.859e+03  4.163e+03  2.648e+03  1.528e+03  9.444e+02  6.163e+02  3.592e+02  1.894e+02  1.162e+02  6.887e+01  3.883e+01  1.994e+01  1.150e+01  4.830e+00  2.063e+00  1.138e+00  6.511e-01  3.404e-01  1.634e-01
       8  447500 6762700   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.217e+04  2.868e+04  2.403e+04  1.978e+04  1.615e+04  1.198e+04  8.120e+03  5.661e+03  4.059e+03  2.618e+03  1.540e+03  9.688e+02  6.415e+02  3.796e+02  2.033e+02  1.190e+02  7.411e+01  4.134e+01  2.059e+01  1.162e+01  7.064e+00  3.844e+00  1.889e+00  1.077e+00  5.629e-01  3.635e-01  1.758e-01
       8  447500 6762900   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.270e+04  3.082e+04  2.694e+04  2.256e+04  1.869e+04  1.540e+04  1.160e+04  8.023e+03  5.703e+03  4.165e+03  2.753e+03  1.668e+03  1.075e+03  7.256e+02  4.362e+02  2.368e+02  1.379e+02  8.435e+01  4.565e+01  2.165e+01  1.152e+01  6.616e+00  3.442e+00  1.598e+00  9.085e-01  4.663e-01  2.261e-01  1.280e-01
       8  447500 6763100   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.177e+04  2.744e+04  2.254e+04  1.774e+04  1.254e+04  8.088e+03  5.359e+03  3.748e+03  2.358e+03  1.361e+03  8.538e+02  5.702e+02  3.452e+02  1.936e+02  1.180e+02  7.682e+01  4.507e+01  2.399e+01  1.416e+01  9.011e+00  5.165e+00  2.715e+00  1.620e+00  9.855e-01  5.754e-01  2.581e-01
       8  447500 6763300   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04
       8  447500 6761900   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.149e+04  2.619e+04  2.257e+04  1.905e+04  1.580e+04  1.344e+04  1.159e+04  9.481e+03  7.387e+03  5.880e+03  4.762e+03  3.583e+03  2.529e+03  1.851e+03  1.393e+03  9.581e+02  6.087e+02  4.078e+02  2.852e+02  1.787e+02  1.006e+02  6.099e+01  3.872e+01  2.155e+01  1.051e+01  5.573e+00  3.124e+00  1.553e+00  6.630e-01
       8  447500 6761700   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.156e+04  2.670e+04  2.318e+04  1.957e+04  1.614e+04  1.362e+04  1.165e+04  9.409e+03  7.222e+03  5.681e+03  4.561e+03  3.410e+03  2.402e+03  1.764e+03  1.335e+03  9.270e+02  5.966e+02  4.046e+02  2.850e+02  1.821e+02  1.042e+02  6.413e+01  4.140e+01  2.342e+01  1.156e+01  6.308e+00  3.586e+00  1.766e+00  6.363e-01
       8  447500 6761500   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.177e+04  2.697e+04  2.316e+04  1.945e+04  1.617e+04  1.357e+04  1.157e+04  9.045e+03  7.451e+03  5.967e+03  4.660e+03  3.469e+03  2.517e+03  1.836e+03  1.369e+03  9.442e+02  6.142e+02  4.142e+02  2.834e+02  1.758e+02  1.015e+02  6.175e+01  4.140e+01  2.342e+01  1.156e+01  6.308e+00  3.586e+00  1.766e+00  6.363e-01
       8  447500 6761300   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.860e+04  2.575e+04  2.259e+04  1.906e+04  1.605e+04  1.352e+04  1.056e+04  7.673e+03  5.706e+03  4.340e+03  3.021e+03  1.955e+03  1.342e+03  9.624e+02  6.315e+02  3.849e+02  2.535e+02  1.745e+02  1.093e+02  6.232e+01  3.845e+01  2.509e+01  1.464e+01  7.643e+00  4.394e+00  2.698e+00  1.513e+00  1.451e-01
       8  447500 6761100   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.177e+04  2.690e+04  2.331e+04  1.978e+04  1.653e+04  1.411e+04  1.225e+04  1.001e+04  7.723e+03  5.935e+03  4.776e+03  3.463e+03  2.442e+03  1.613e+03  1.158e+03  7.485e+02  4.414e+02  2.785e+02  1.836e+02  1.001e+02  6.730e+01  4.245e+01  2.861e+01  1.153e+01  5.686e+00  3.245e+00  1.973e+00  1.156e+00  5.610e-01
       8  447500 6760900   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.159e+04  2.680e+04  2.337e+04  1.994e+04  1.677e+04  1.449e+04  1.268e+04  1.052e+04  8.258e+03  6.534e+03  5.212e+03  3.794e+03  2.529e+03  1.735e+03  1.220e+03  7.594e+02  4.205e+02  2.489e+02  1.543e+02  8.436e+01  4.094e+01  2.259e+01  1.370e+01  7.556e+00  3.915e+00  2.330e+00  1.458e+00  8.773e-01  4.763e-01
       8  447500 6760700   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.199e+04  2.749e+04  2.410e+04  2.059e+04  1.729e+04  1.473e+04  1.273e+04  1.027e+04  8.004e+03  6.133e+03  4.781e+03  3.533e+03  2.261e+03  1.528e+03  1.088e+03  6.597e+02  3.664e+02  2.110e+02  1.299e+02  8.088e+01  4.443e+01  2.443e+01  1.575e+01  8.760e+00  4.243e+00  2.576e+00  1.579e+00  9.880e+00  5.402e+00  3.168e+00  1.747e+00  8.384e-01
       7  447100 6760500   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.031e+04  2.570e+04  2.268e+04  1.964e+04  1.681e+04  1.466e+04  1.287e+04  1.065e+04  8.295e+03  6.510e+03  5.161e+03  3.739e+03  2.494e+03  1.723e+03  1.226e+03  7.808e+02  4.482e+02  2.749e+02  1.765e+02  1.004e+02  5.123e+01  2.925e+01  1.817e+01  1.023e+01  5.325e+00  3.185e+00  2.051e+00  1.206e+00  6.241e-01
       7  447100 6760800   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.146e+04  2.802e+04  2.509e+04  2.189e+04  1.889e+04  1.558e+04  1.214e+04  9.076e+03  6.760e+03  5.144e+03  3.809e+03  2.614e+03  1.760e+03  1.214e+03  8.089e+02  4.844e+02  2.933e+02  1.847e+02  1.047e+02  5.311e+01  3.011e+01  1.832e+01  1.056e+01  5.359e+00  3.365e+00  2.061e+00  1.265e+00  6.838e-01  3.359e-01
       7  447100 6760900   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.988e+04  2.448e+04  1.976e+04  1.588e+04  1.158e+04  7.714e+03  5.304e+03  3.761e+03  2.399e+03  1.398e+03  8.786e+02  5.849e+02  3.518e+02  2.956e+02  1.193e+02  7.797e+01  4.679e+01  2.603e+01  1.620e+01  1.079e+01  6.616e+00  3.739e+00  2.345e+00  1.574e+00  1.019e+00  6.442e-01
       7  447100 6761000   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04
       7  447100 6761300   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.221e+04  2.776e+04  2.389e+04  1.993e+04  1.626e+04  1.368e+04  1.173e+04  9.579e+03  7.488e+03  5.987e+03  4.862e+03  3.652e+03  2.545e+03  1.820e+03  1.329e+03  8.680e+02  5.096e+02  3.157e+02  2.048e+02  1.169e+02  5.949e+01  3.380e+01  2.078e+01  1.152e+01  5.866e+00  3.329e+00  2.088e+00  1.188e+00  6.025e-01
       7  447100 6761500   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.191e+04  2.713e+04  2.338e+04  1.961e+04  1.614e+04  1.354e+04  1.158e+04  9.324e+03  7.372e+03  5.926e+03  4.814e+03  3.592e+03  2.526e+03  1.841e+03  1.346e+03  8.993e+02  5.642e+02  3.497e+02  2.268e+02  1.294e+02  6.641e+01  3.744e+01  2.290e+01  1.271e+01  6.464e+00  3.671e+00  2.290e+00  1.310e+00  6.644e-01
       7  447100 6761700   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04
       7  447100 6761900   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.945e+04  2.488e+04  2.050e+04  1.659e+04  1.387e+04  1.181e+04  9.513e+03  7.290e+03  5.726e+03  4.590e+03  3.422e+03  2.463e+03  1.760e+03  1.329e+03  9.199e+02  5.909e+02  4.012e+02  2.845e+02  1.828e+02  1.067e+02  6.725e+01  4.454e+01  2.628e+01  1.375e+01  7.879e+00  4.715e+00  2.430e+00  1.071e+00
       7  447100 6762000   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04
       7  447100 6762200   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.264e+04  2.875e+04  2.451e+04  2.048e+04  1.697e+04  1.457e+04  1.274e+04  1.059e+04  8.337e+03  6.603e+03  5.261e+03  3.814e+03  2.528e+03  1.729e+03  1.217e+03  7.638e+02  4.321e+02  2.628e+02  1.685e+02  9.563e+01  4.868e+01  2.750e+01  1.678e+01  9.085e+00  4.451e+00  2.507e+00  1.498e+00  8.212e-01  3.644e-01
       7  447100 6762400   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.136e+04  2.847e+04  2.516e+04  2.198e+04  1.816e+04  1.498e+04  1.198e+04  8.642e+03  6.078e+03  4.352e+03  2.766e+03  1.574e+03  9.529e+02  6.079e+02  3.444e+02  1.770e+02  1.014e+02  6.280e+01  3.539e+01  1.817e+01  1.056e+01  6.607e+00  3.800e+00  2.005e+00  1.177e+00  7.476e-01  4.269e-01  2.314e-01
       7  447100 6762600   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.197e+04  2.557e+04  1.940e+04  1.481e+04  1.017e+04  6.357e+03  4.165e+03  2.843e+03  1.738e+03  9.657e+02  5.836e+02  3.753e+02  2.177e+02  1.149e+02  6.781e+01  4.324e+01  2.520e+01  1.335e+01  8.000e+00  5.132e+00  2.940e+00  1.497e+00  9.032e-01  5.595e-01  3.019e-01  1.332e-01
       7  447100 6763400   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04
       7  447100 6763300   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.256e+04  2.907e+04  2.384e+04  1.923e+04  1.541e+04  1.116e+04  7.323e+03  4.943e+03  3.432e+03  2.118e+03  1.174e+03  6.994e+02  4.409e+02  2.465e+02  1.226e+02  6.788e+01  4.025e+01  2.157e+01  1.027e+01  5.631e+00  3.394e+00  1.828e+00  8.084e-01  5.047e-01  2.404e-01  1.696e-01  3.882e-02
       7  447100 6763500   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.262e+04  2.882e+04  2.317e+04  1.845e+04  1.408e+04  1.055e+04  6.932e+03  4.689e+03  3.263e+03  2.013e+03  1.114e+03  6.675e+02  4.195e+02  2.335e+02  1.150e+02  6.321e+01  3.722e+01  1.967e+01  1.021e+01  4.926e+00  2.809e+00  1.500e+00  6.872e-01  3.914e-01  1.892e-01  7.494e-02  4.038e-02
       7  447100 6763700   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.011e+04  2.445e+04  1.954e+04  1.552e+04  1.108e+04  7.117e+03  4.689e+03  3.171e+03  1.884e+03  9.915e+02  5.649e+02  3.434e+02  1.859e+02  8.993e+01  4.968e+01  2.966e+01  1.609e+01  7.797e+00  4.348e+00  2.485e+00  1.301e+00  5.800e-01  3.080e-01  1.277e-01  1.004e-01  1.910e-03
       7  447100 6763900   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04
      14  448100 6761580   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04
      14  447900 6761580   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04
      14  447700 6761580   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04
      14  447500 6761580   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.270e+04  2.879e+04  2.447e+04  2.159e+04  1.852e+04  1.552e+04  1.326e+04  1.146e+04  9.384e+03  7.322e+03  5.841e+03  4.745e+03  3.589e+03  2.552e+03  1.879e+03  1.420e+03  9.772e+02  6.169e+02  4.083e+02  2.810e+02  1.722e+02  9.442e+01  5.646e+01  3.593e+01  2.046e+01  1.052e+01  5.954e+00  3.610e+00  1.834e+00  7.826e-01
      14  447300 6761580   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04
      14  447100 6761580   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04
      14  446900 6761580   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04
      14  446700 6761580   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04
      14  446500 6761580   200  16.4 .250 1          C3 Z  34          0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e
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CP2
UNITS:(uV/A) CONFIG:INLOOP RXAREA:10000 TXAREA:40000 INITDELAY:0 TURNON:.13 TURNOFF:.25 OFFTIME:80 INST:SIROTEM3 FREQUENCY:COMPOSITE
  LINE    EAST   NORTH LSIDE   CUR  RMP G        F C NCH        VPRI        Ch1         Ch2         Ch3         Ch4         Ch5         Ch6         Ch7         Ch8         Ch9         Ch10        Ch11        Ch12        Ch13        Ch14        Ch15        Ch16        Ch17        Ch18        Ch19        Ch20        Ch21        Ch22        Ch23        Ch24        Ch25        Ch26        Ch27        Ch28        Ch29        Ch30        Ch31        Ch32        Ch33        Ch34
\SIROTEM FIELD DATA
\SURVEY AREA :Coober Pedy S. Aust
\PROSPECT    :CP2
\DATE        :12-05-2003
\CURRENT NORMALIZATION ALTERED FROM VALUE USED BY SIROTEM =    .00
\                              TO  VALUE ACTUALLY TRANSMITTED =    .00
\Stacking type (0=all,1=last,2=AVERAGE,3=best sd of last 2, :  =0
\              4=best sd of all
\              5=median,6=average of median 3)
\200 x 200m inloop at 200m moves
\
\LOOP: , , , ,
\
\   LOOP     LINE      STN LSIDE    CUR  RMP G        F C NCH        VPRI        Ch1         Ch2         Ch3         Ch4         Ch5         Ch6         Ch7         Ch8         Ch9         Ch10        Ch11        Ch12        Ch13        Ch14        Ch15        Ch16        Ch17        Ch18        Ch19        Ch20        Ch21        Ch22        Ch23        Ch24        Ch25        Ch26        Ch27        Ch28        Ch29        Ch30        Ch31        Ch32        Ch33        Ch34
     17  498200 6785500    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.224e+04   2.686e+04   2.038e+04   1.563e+04   1.221e+04   8.843e+03   6.059e+03   4.398e+03   3.325e+03   2.321e+03   1.517e+03   1.105e+02   5.621e+02   3.502e+02   1.989e+02   1.221e+02   7.967e+01   4.653e+01   2.475e+01   1.461e+01   9.225e+00   5.286e+00   2.707e+00   1.563e+00   9.067e-01   5.179e-01   2.526e-01
     17  498200 6785300    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.195e+04   2.471e+04   1.751e+04   1.306e+04   1.016e+04   7.423e+03   5.153e+03   3.750e+03   2.815e+03   1.929e+03   1.218e+03   8.105e+02   5.621e+02   3.502e+02   1.989e+02   1.221e+02   7.967e+01   4.653e+01   2.475e+01   1.461e+01   9.225e+00   5.286e+00   2.707e+00   1.563e+00   9.067e-01   5.179e-01   2.526e-01
     18  498200 6785100    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.238e+04   2.502e+04   1.745e+04   1.299e+04   1.011e+04   7.324e+03   4.965e+03   3.589e+03   2.558e+03   1.690e+03   1.026e+03   6.637e+02   4.517e+02   2.776e+02   1.570e+02   9.690e+01   6.328e+01   3.761e+01   2.016e+01   1.229e+01   7.671e+00   4.401e+00   2.128e+00   1.385e+00   7.656e-01   5.642e-01   2.369e-01
     17  498200 6784900    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.696e+04   1.892e+04   1.409e+04   1.095e+04   7.922e+03   5.364e+03   3.782e+03   2.759e+03   1.814e+03   1.092e+03   7.008e+02   4.718e+02   2.857e+02   1.582e+02   9.581e+01   6.209e+01   3.621e+01   1.931e+01   1.144e+01   7.267e+00   4.166e+00   2.117e+00   1.222e+00   7.314e-01   7.737e-01   1.127e-01
     17  498200 6784700    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.013e+04   2.185e+04   1.621e+04   1.249e+04   8.936e+03   5.989e+03   4.199e+03   3.043e+03   2.359e+03   1.993e+03   1.198e+03   7.680e+02   5.179e+02   3.132e+02   1.726e+02   1.038e+02   6.659e+01   3.814e+01   1.990e+01   1.156e+01   7.060e+00   4.016e+00   2.046e+00   1.118e+00   7.250e-01   3.797e-01   1.649e-01
     17  498200 6784500    200   16.4  .250 1      C3 Z  34           0  3.271e+04   2.624e+04   3.271e+04   3.271e+04   3.144e+04   3.271e+04   2.364e+04   1.784e+04   1.386e+04   1.074e+04   8.723e+03   6.721e+03   4.735e+03   3.446e+03   2.772e+03   1.374e+03   8.848e+02   5.985e+02   3.636e+02   2.012e+02   1.215e+02   7.899e+01   4.624e+01   2.525e+01   1.381e+01   1.311e+00   8.451e-01   3.895e-01   1.869e-02
     17  498200 6784300    200   16.4  .250 1      C3 Z  34           0  3.271e+04   1.160e+04   3.125e+04   3.271e+04   3.271e+04   3.271e+04   3.244e+04   2.736e+04   2.148e+04   1.696e+04   1.228e+04   8.268e+03   5.816e+03   4.230e+03   2.785e+03   1.675e+03   1.071e+03   7.169e+02   4.275e+02   2.299e+02   1.347e+02   8.438e+01   4.715e+01   2.388e+01   1.369e+01   8.389e+00   4.691e+00   2.301e+00   1.280e+00   7.978e-01   4.563e-01   2.176e-01
     17  498200 6784100    200   16.4  .250 1      C3 Z  34           0  3.954e+03   2.849e+04   3.271e+04   3.271e+04   3.271e+04   3.216e+04   2.572e+04   1.940e+04   1.493e+04   1.060e+04   7.065e+03   4.955e+03   3.602e+03   2.375e+03   1.436e+03   9.249e+02   6.257e+02   3.802e+02   2.108e+02   1.276e+02   8.224e+01   4.749e+01   2.481e+01   1.427e+01   8.814e+00   4.839e+00   2.359e+00   1.294e+00   7.234e-01   4.096e-01   1.415e-01
     17  498200 6783900    200   16.4  .250 1      C3 Z  34           0  4.521e+03   3.262e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.962e+04   2.030e+04   1.449e+04   1.094e+04   7.808e+03   5.334e+03   3.854e+03   2.885e+03   1.975e+03   1.252e+03   8.370e+02   5.839e+02   3.674e+02   2.113e+02   1.310e+02   8.590e+01   5.047e+01   2.667e+01   1.547e+01   9.535e+00   5.202e+00   2.450e+00   1.364e+00   7.376e-01   3.888e-01   1.002e-01
     18  498800 6783700    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.910e+04   2.074e+04   1.541e+04   1.191e+04   8.571e+03   5.778e+03   4.064e+03   2.950e+03   1.933e+03   1.156e+03   7.337e+02   4.895e+02   2.913e+02   1.567e+02   9.219e+01   5.782e+01   3.230e+01   1.633e+01   9.168e+00   5.561e+00   2.952e+00   1.373e+00   6.999e-01   4.488e-01   2.516e-01   9.587e-02
     18  498800 6783500    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.065e+04   2.284e+04   1.711e+04   1.323e+04   9.585e+03   6.424e+03   4.547e+03   3.325e+03   2.190e+03   1.325e+03   8.432e+02   5.639e+02   3.361e+02   1.958e+02   1.052e+02   6.417e+01   3.822e+01   1.968e+01   1.068e+01   6.147e+00   3.335e+00   1.669e+00   8.960e-01   4.978e-01   1.354e-01   5.165e-02
     18  498800 6784100    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.918e+04   2.094e+04   1.558e+04   1.206e+04   8.711e+03   5.936e+03   4.234e+03   3.117e+03   2.083e+03   1.276e+03   8.236e+02   5.595e+02   3.403e+02   1.874e+02   1.120e+02   7.098e+01   3.993e+01   2.010e+01   1.119e+01   6.743e+00   3.574e+00   1.638e+00   8.646e-01   4.802e-01   2.851e-01   7.826e-02
     18  498800 6784300    200   16.4  .250 1      C3 Z  34           0  3.202e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.155e+04   2.552e+04   2.005e+04   1.589e+04   1.156e+04   7.821e+03   5.508e+03   4.004e+03   2.631e+03   1.582e+03   1.009e+03   6.783e+02   4.079e+02   2.226e+02   1.325e+02   8.401e+01   4.741e+01   2.413e+01   1.341e+01   8.118e+00   4.217e+00   1.930e+00   8.826e-01   4.832e-01   2.400e-01   1.132e-01
     18  498800 6784500    200   16.4  .250 1      C3 Z  34           0  3.100e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.029e+04   2.499e+04   2.011e+04   1.527e+04   1.210e+04   8.374e+03   6.002e+03   4.429e+03   2.963e+03   1.818e+03   1.182e+03   8.036e+02   4.885e+02   2.684e+02   1.595e+02   1.006e+02   5.853e+01   2.757e+01   1.499e+01   8.826e+00   4.455e+00   2.031e+00   9.466e-01   4.431e-01   2.703e-01   7.640e-02
     18  498800 6784700    200   16.4  .250 1      C3 Z  34           0  2.802e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.258e+04   3.047e+04   2.619e+04   2.182e+04   1.799e+04   1.357e+04   9.445e+03   6.756e+03   4.957e+03   3.279e+03   1.971e+03   1.258e+03   8.401e+02   4.992e+02   2.672e+02   1.557e+02   9.665e+01   5.289e+01   2.583e+01   1.398e+01   8.066e+00   4.158e+00   1.877e+00   9.941e-01   4.960e-01   2.206e-01   1.144e-01
     18  498800 6784900    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.975e+04   2.199e+04   1.668e+04   1.306e+04   9.586e+03   6.476e+03   4.594e+03   3.358e+03   2.222e+03   1.341e+03   8.633e+02   5.827e+02   3.520e+02   1.926e+02   1.145e+02   7.225e+01   4.059e+01   2.036e+01   1.127e+01   6.828e+00   3.565e+00   1.650e+00   9.090e-01   4.697e-01   2.374e-01   1.023e-01
     18  498800 6785100    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.032e+04   2.361e+04   1.861e+04   1.458e+04   9.270e+03   6.267e+03   4.460e+03   3.160e+03   2.092e+03   1.265e+03   7.767e+02   5.188e+02   3.088e+02   1.686e+02   9.233e+01   5.214e+01   3.059e+01   1.619e+01   8.315e+00   4.465e+00   1.713e+00   9.286e-01   5.477e-01   2.780e-01   1.289e-01
     18  498800 6785300    200   16.4  .250 1      C3 Z  34           0  2.728e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.143e+04   2.344e+04   1.726e+04   1.321e+04   9.386e+03   6.238e+03   4.342e+03   3.126e+03   2.034e+03   1.212e+03   7.725e+02   5.182e+02   3.121e+02   1.709e+02   1.020e+02   6.466e+01   3.658e+01   1.873e+01   1.056e+01   6.416e+00   3.514e+00   1.679e+00   9.382e-01   3.765e-01   2.359e-01   7.053e-02
     19  499400 6785500    200   16.4  .250 1      C3 Z  34           0  2.136e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.448e+04   1.869e+04   1.459e+04   1.057e+04   7.209e+03   5.163e+03   3.819e+03   2.567e+03   1.582e+03   1.029e+03   6.989e+02   4.234e+02   2.318e+02   1.374e+02   8.652e+01   4.823e+01   2.607e+01   1.338e+01   7.962e+00   4.205e+00   1.979e+00   1.038e+00   5.765e-01   2.964e-01   1.207e-01
     19  499400 6785500    200   16.4  .250 1      C3 Z  34           0  2.486e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.863e+04   2.011e+04   1.499e+04   1.167e+04   8.450e+03   5.716e+03   4.020e+03   2.915e+03   1.908e+03   1.139e+03   7.242e+02   4.828e+02   2.870e+02   1.539e+02   8.992e+01   5.611e+01   3.114e+01   1.552e+01   8.686e+00   5.308e+00   2.854e+00   1.343e+00   7.361e-01   4.094e-01   2.180e-01   6.108e-02
     19  499400 6785300    200   16.4  .250 1      C3 Z  34           0  2.282e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.914e+04   2.040e+04   1.513e+04   1.174e+04   8.473e+03   5.704e+03   3.991e+03   2.879e+03   1.871e+03   1.106e+03   6.988e+02   4.641e+02   2.756e+02   1.481e+02   8.735e+01   5.495e+01   3.080e+01   1.560e+01   8.748e+00   5.306e+00   2.834e+00   1.343e+00   7.367e-01   3.926e-01   1.437e-01   7.733e-02
     19  499400 6785100    200   16.4  .250 1      C3 Z  34           0  1.705e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.078e+04   2.261e+04   1.695e+04   1.319e+04   9.586e+03   6.378e+03   4.458e+03   3.202e+03   2.077e+03   1.226e+03   7.748e+02   5.155e+02   3.066e+02   1.654e+02   9.751e+01   6.147e+01   3.442e+01   1.728e+01   9.727e+00   5.729e+00   3.030e+00   1.490e+00   7.842e-01   2.107e-01   7.556e-02
     19  499400 6784900    200   16.4  .250 1      C3 Z  34           0  1.013e+04   2.998e+04   3.271e+04   3.271e+04   3.271e+04   3.265e+04   2.790e+04   2.157e+04   1.690e+04   1.219e+04   8.195e+03   5.750e+03   4.166e+03   2.724e+03   1.622e+03   1.028e+03   6.839e+02   4.046e+02   2.152e+02   1.246e+02   7.671e+01   4.164e+01   2.013e+01   1.083e+01   6.367e+00   3.233e+00   1.506e+00   7.842e-01   4.518e-01   2.107e-01   7.556e-02
     19  499400 6784700    200   16.4  .250 1      C3 Z  34           0  6.827e+03   2.348e+04   3.238e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.929e+04   2.314e+04   1.832e+04   1.330e+04   8.970e+03   6.222e+03   4.593e+03   3.008e+03   1.792e+03   1.130e+03   7.473e+02   4.387e+02   2.313e+02   1.331e+02   8.189e+01   4.458e+01   2.178e+01   1.190e+01   6.929e+00   3.604e+00   1.597e+00   8.389e-01   4.306e-01   2.297e-01   5.502e-02
     19  499400 6784500    200   16.4  .250 1      C3 Z  34           0  1.822e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.141e+04   2.604e+04   1.974e+04   1.512e+04   1.124e+04   7.234e+03   4.940e+03   3.459e+03   2.440e+03   1.459e+03   9.912e+02   6.169e+02   4.465e+02   2.912e+02   1.728e+02   1.093e+02   7.258e+02   4.300e+02   2.306e+02   1.351e+02   8.454e+01   4.698e+01   2.340e+01   1.297e+01   7.628e+00   4.017e+00   1.818e+00   9.176e-01   5.250e-01   2.165e-01   5.819e-02
     19  499400 6784300    200   16.4  .250 1      C3 Z  34           0  1.864e+03   1.651e+04   2.869e+04   3.271e+04   3.271e+04   3.271e+04   3.270e+04   2.901e+04   2.288e+04   1.800e+04   1.304e+04   8.789e+03   6.169e+03   4.465e+03   2.912e+03   1.728e+03   1.093e+03   7.258e+02   4.300e+02   2.306e+02   1.351e+02   8.454e+01   4.698e+01   2.340e+01   1.297e+01   7.628e+00   4.017e+00   1.818e+00   9.176e-01   5.250e-01   2.165e-01   5.819e-02
     19  499400 6784100    200   16.4  .250 1      C3 Z  34           0  2.067e+03   1.556e+04   3.260e+04   3.271e+04   3.271e+04   3.271e+04   3.253e+04   2.903e+04   2.353e+04   1.834e+04   1.311e+04   8.714e+03   6.066e+03   4.371e+03   2.944e+03   1.691e+03   1.135e+03   7.229e+02   4.251e+02   2.253e+02   1.329e+02   8.253e+01   4.653e+01   2.175e+01   1.088e+01   6.289e+00   3.140e+00   1.574e+00   8.580e-01   4.374e-01   2.298e-01   5.502e-02
     19  499400 6783900    200   16.4  .250 1      C3 Z  34           0  1.225e+03   1.891e+04   3.271e+04   3.271e+04   3.271e+04   3.270e+04   2.775e+04   2.073e+04   1.595e+04   1.136e+04   7.567e+03   5.275e+03   3.798e+03   2.466e+03   1.455e+03   1.186e+02   6.096e+02   3.606e+02   1.927e+02   1.125e+02   7.001e+01   3.846e+01   1.893e+01   1.029e+01   5.992e+00   3.128e+00   1.381e+00   6.718e-01   3.953e-01   1.639e-01   6.578e-02
     19  499400 6783700    200   16.4  .250 1      C3 Z  34           0  7.910e+02   2.074e+04   3.271e+04   3.271e+04   3.271e+04   3.250e+04   2.566e+04   1.862e+04   1.417e+04   1.009e+04   6.766e+03   4.746e+03   3.433e+03   2.230e+03   1.325e+03   8.362e+02   5.537e+02   3.266e+02   1.736e+02   1.010e+02   6.269e+01   3.451e+01   1.692e+01   9.302e+00   5.494e+00   2.831e+00   1.302e+00   6.990e-01   3.360e-01   1.917e-01   1.350e-02
     20  500000 6783500    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.123e+04   2.358e+04   1.820e+04   1.424e+04   1.032e+04   7.295e+03   5.139e+03   3.702e+03   2.564e+03   1.670e+03   1.040e+03   6.944e+02   4.404e+02   2.517e+02   1.417e+02   8.717e+01   4.908e+01   2.408e+01   1.176e+01   6.579e+00   3.314e+00   1.753e+00   8.866e-01   5.319e-01   2.466e-01   1.147e-01
     20  500000 6783700    200   16.4  .250 1      C3 Z  34           0  3.078e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.204e+04   2.551e+04   1.948e+04   1.519e+04   1.092e+04   7.294e+03   5.074e+03   3.642e+03   2.356e+03   1.386e+03   8.714e+02   5.754e+02   3.375e+02   1.775e+02   1.017e+02   6.185e+01   3.311e+01   1.562e+01   8.236e+00   4.729e+00   2.427e+00   1.099e+00   5.690e-01   3.604e-01   1.239e-01   5.206e-04
     20  500000 6783900    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.949e+04   2.349e+04   1.849e+04   1.279e+04   9.953e+03   6.952e+03   4.852e+03   3.385e+03   2.350e+03   1.458e+03   1.015e+03   7.259e+02   4.135e+02   2.454e+02   1.457e+02   8.850e+01   4.964e+01   2.140e+01   1.030e+01   5.484e+00   2.884e+00   1.486e+00   6.933e-01   4.833e-01   2.663e-01   1.272e-01   1.414e-02
     20  500000 6784100    200   16.4  .250 1      C3 Z  34           0  2.895e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.262e+04   2.652e+04   1.911e+04   1.409e+04   9.422e+03   5.811e+03   3.824e+03   2.648e+03   1.664e+03   9.611e+02   6.022e+02   3.994e+02   2.371e+02   1.275e+02   7.485e+01   4.677e+01   2.598e+01   1.284e+01   7.166e+00   4.208e+00   2.208e+00   1.037e+00   4.833e-01   2.663e-01   1.272e-01   1.414e-02
     20  500000 6784300    200   16.4  .250 1      C3 Z  34           0  2.432e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.884e+04   2.254e+04   1.775e+04   1.278e+04   8.466e+03   5.816e+03   4.116e+03   2.604e+03   1.484e+03   9.045e+02   5.804e+02   3.283e+02   1.656e+02   9.178e+01   5.463e+01   2.967e+01   1.336e+01   7.122e+00   4.183e+00   2.110e+00   9.860e-01   4.988e-01   2.591e-01   8.692e-02   1.276e-02
     20  500000 6784500    200   16.4  .250 1      C3 Z  34           0  1.980e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.930e+04   2.366e+04   1.966e+04   1.374e+04   1.066e+04   7.724e+03   5.364e+03   3.911e+03   2.705e+03   1.686e+03   1.174e+03   8.526e+02   4.759e+02   2.852e+02   1.683e+02   1.029e+02   5.795e+01   2.852e+01   1.511e+01   8.573e+00   4.911e+00   2.511e+00   1.280e+00   6.639e-01   2.940e-01   1.391e-01   1.064e-02
     20  500000 6784700    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.121e+04   2.296e+04   1.690e+04   1.298e+04   9.272e+03   6.188e+03   4.307e+03   3.091e+03   1.997e+03   1.169e+03   7.341e+02   4.849e+02   2.859e+02   1.529e+02   8.946e+01   5.605e+01   3.129e+01   1.557e+01   8.573e+00   5.011e+00   2.594e+00   1.134e+00   6.539e-01   2.940e-01   1.391e-01   1.064e-02
     20  500000 6784900    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.655e+04   1.855e+04   1.395e+04   1.092e+04   7.936e+03   5.372e+03   3.777e+03   2.737e+03   1.793e+03   1.073e+03   6.848e+02   4.593e+02   2.756e+02   1.500e+02   8.883e+01   5.603e+01   3.141e+01   1.580e+01   8.806e+00   5.195e+00   2.731e+00   1.200e+00   6.291e-01   3.500e-01   1.616e-01   4.357e-02
     20  500000 6785100    200   16.4  .250 1      C3 Z  34           0  2.350e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.177e+04   2.435e+04   1.823e+04   1.405e+04   1.094e+04   7.573e+03   5.427e+03   3.907e+03   2.739e+03   1.693e+03   1.088e+03   7.235e+02   4.284e+02   2.389e+02   1.326e+02   7.743e+01   4.488e+01   2.374e+01   1.174e+01   6.944e+00   3.488e+00   1.553e+00   7.944e-01   4.488e-01   2.311e-01   1.757e-01
     20  500000 6785300    200   16.4  .250 1      C3 Z  34           0  2.767e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.207e+04   2.493e+04   1.859e+04   1.434e+04   1.027e+04   6.868e+03   4.795e+03   3.454e+03   2.242e+03   1.319e+03   8.288e+02   5.469e+02   3.207e+02   1.689e+02   9.722e+01   5.989e+01   3.256e+01   1.582e+01   8.657e+00   5.148e+00   2.691e+00   1.233e+00   6.318e-01   3.685e-01   1.981e-01   5.225e-02
     20  500000 6785500    200   16.4  .250 1      C3 Z  34           0  3.068e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.106e+04   2.414e+04   1.848e+04   1.377e+04   1.026e+04   7.262e+03   5.064e+03   3.648e+03   2.626e+03   1.614e+03   1.026e+03   6.914e+02   4.256e+02   2.345e+02   1.329e+02   7.475e+01   4.451e+01   2.371e+01   1.187e+01   6.728e+00   3.534e+00   1.757e+00   8.454e+00   5.319e+00   2.734e+00   1.191e+00   6.291e-01   3.500e-01   1.616e-01   4.357e-02
     20  500000 6785700    200   16.4  .250 1      C3 Z  34           0  2.961e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.044e+04   2.193e+04   1.624e+04   1.253e+04   8.955e+03   5.952e+03   4.121e+03   2.947e+03   1.897e+03   1.119e+03   7.019e+02   4.639e+02   2.736e+02   1.462e+02   8.567e+01   5.365e+02   2.991e+01   1.504e+01   8.454e+00   5.036e+00   2.710e+00   1.299e+00   6.840e-01   4.268e-01   2.378e-01   1.396e-01
     21  500600 6785700    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.876e+04   2.048e+04   1.535e+04   1.192e+04   8.563e+03   5.707e+03   3.958e+03   2.834e+03   1.829e+03   1.071e+03   6.738e+02   4.461e+02   2.635e+02   1.407e+02   8.228e+01   5.120e+01   2.852e+01   1.420e+01   7.894e+00   4.753e+00   2.532e+00   1.177e+00   6.331e-01   3.199e-01   1.662e-01   4.638e-02
     21  500600 6785500    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.754e+04   1.991e+04   1.491e+04   1.165e+04   8.265e+03   5.844e+03   4.078e+03   2.984e+03   1.980e+03   1.160e+03   7.584e+02   5.006e+02   2.988e+02   1.588e+02   9.242e+01   5.751e+01   3.206e+01   1.602e+01   7.588e+00   4.640e+00   2.475e+00   1.181e+00   6.331e-01   3.199e-01   1.662e-01   4.454e-02
     21  500600 6785300    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.816e+04   2.001e+04   1.508e+04   1.180e+04   8.561e+03   5.769e+03   4.029e+03   2.897e+03   1.874e+03   1.103e+03   6.924e+02   4.573e+02   2.694e+02   1.436e+02   8.379e+01   5.248e+01   2.906e+01   1.450e+01   8.018e+00   4.806e+00   2.544e+00   1.210e+00   5.974e-01   2.983e-01   1.174e-01   3.769e-02
     21  500600 6785100    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.096e+04   2.317e+04   1.747e+04   1.359e+04   9.880e+03   6.588e+03   4.615e+03   3.334e+03   2.173e+03   1.287e+03   8.154e+02   5.422e+02   3.215e+02   1.719e+02   1.002e+02   6.214e+01   3.404e+01   1.655e+01   8.892e+00   5.159e+00   2.574e+00   1.113e+00   4.755e-01   2.548e-01   4.185e-02   1.605e-02
     20  500600 6784900    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.097e+04   2.320e+04   1.747e+04   1.358e+04   9.783e+03   6.572e+03   4.599e+03   3.320e+03   2.163e+03   1.295e+03   8.223e+02   5.481e+02   3.260e+02   1.745e+02   1.013e+02   6.225e+01   3.336e+01   1.564e+01   8.162e+00   4.615e+00   2.263e+00   9.937e-01   5.130e-01   2.817e-01   1.824e-01   5.572e-02
     21  500600 6784700    200   16.4  .250 1      C3 Z  34           0  2.865e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.366e+04   2.649e+04   1.935e+04   1.434e+04   1.045e+04   7.458e+03   5.377e+03   4.023e+03   2.939e+03   1.907e+03   1.167e+03   8.064e+02   5.607e+02   3.331e+02   1.781e+02   1.027e+02   6.258e+01   3.372e+01   1.593e+01   8.440e+00   4.370e+00   2.282e+00   1.142e+00   5.734e-01   2.828e-01   1.742e-01   8.344e-02
     21  500600 6784300    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.728e+04   1.908e+04   1.357e+04   8.577e+03   4.886e+03   2.982e+03   1.927e+03   1.112e+03   5.851e+02   3.434e+02   2.180e+02   1.255e+02   6.661e+01   3.970e+01   2.526e+01   1.451e+01   7.578e+00   4.395e+00   2.686e+00   1.527e+00   7.338e-01   4.665e-01   2.391e-01   1.385e-01   4.728e-02
     21  500600 6784100    200   16.4  .250 1      C3 Z  34           0  3.142e+04   3.271e+04   3.271e+04   3.271e+04   3.269e+04   2.538e+04   1.628e+04   1.084e+04   6.433e+03   3.479e+03   2.081e+03   1.344e+03   7.899e+02   4.339e+02   2.683e+02   1.780e+02   1.084e+02   6.129e+01   3.798e+01   2.513e+01   1.483e+01   7.908e+00   4.636e+00   2.818e+00   1.613e+00   7.473e-01   4.079e-01   2.508e-01   1.190e-01   1.141e-03
     20  500600 6783700    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.074e+04   2.235e+04   1.674e+04   1.230e+04   8.930e+03   6.144e+03   4.525e+03   3.330e+03   2.277e+03   1.525e+03   1.001e+03   6.805e+02   4.671e+02   2.805e+02   1.540e+02   8.540e+01   4.671e+01   2.277e+01   1.408e+01   7.535e+00   3.973e+00   1.940e+00   1.008e+00   5.440e+00   2.777e+00   1.363e+00   7.535e-01   4.408e-01   2.035e-01   1.363e-01
     21  500600 6783700    200   16.4  .250 1      C3 Z  34           0  2.896e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.200e+04   2.496e+04   1.880e+04   1.459e+04   1.044e+04   6.914e+03   4.760e+03   3.377e+03   2.146e+03   1.231e+03   7.531e+02   4.836e+02   2.737e+02   1.360e+02   7.503e+01   4.392e+01   2.254e+01   1.033e+01   5.386e+00   3.048e+00   1.583e+00   7.126e-01   3.701e-01   1.517e-01   7.498e-02   1.295e-02
     20  500600 6783500    200   16.4  .250 1      C3 Z  34           0  2.713e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.047e+04   2.235e+04   1.678e+04   1.233e+04   8.944e+03   6.147e+03   4.525e+03   3.330e+03   2.277e+03   1.525e+03   1.001e+03   6.805e+02   4.671e+02   2.805e+02   1.540e+02   8.960e+01   4.671e+01   2.277e+01   1.408e+01   7.535e+00   3.973e+00   1.940e+00   1.008e+00   5.440e+00   2.777e+00   1.363e+00   7.535e-01   4.408e-01   2.035e-01   1.363e-01
     20  500600 6783300    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.958e+04   2.063e+04   1.515e+04   1.162e+04   8.238e+03   5.413e+03   3.710e+03   2.630e+03   1.677e+03   9.724e+02   6.045e+02   3.960e+02   2.324e+02   1.227e+02   7.106e+01   4.403e+02   2.421e+01   1.173e+01   6.413e+00   3.792e+00   1.884e+00   9.254e+01   3.861e+01   1.496e+01   2.316e+01   -1.524e+02
     22  501200 6782900    200   16.4  .250 1      C3 Z  34           0  3.125e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.859e+04   2.120e+04   1.599e+04   1.094e+04   6.852e+03   4.520e+03   3.111e+03   1.922e+03   1.084e+03   6.635e+02   4.317e+02   2.532e+02   1.347e+02   7.915e+01   4.947e+01   2.783e+01   1.387e+01   7.646e+00   4.517e+00   2.319e+00   1.108e+00   5.020e+01   2.588e+01   1.254e+01   1.942e+02
     21  501200 6783100    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.633e+04   1.948e+04   1.540e+04   1.079e+04   7.136e+03   5.133e+03   3.796e+03   2.713e+03   1.799e+03   1.155e+03   7.552e+02   4.236e+02   2.156e+02   1.155e+02   6.436e+01   3.863e+01   2.074e+01   1.074e+01   5.362e+00   2.609e+00   1.363e+00   6.436e+00   3.882e+00   1.974e+00   8.844e+01   3.436e+01   1.436e+01   2.436e+01   -1.436e+02
     20  501200 6783300    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.453e+04   1.763e+04   1.332e+04   1.029e+04   7.260e+03   4.706e+03   3.188e+03   2.243e+03   1.422e+03   8.247e+02   5.155e+02   3.406e+02   2.021e+02   1.079e+02   6.308e+01   3.911e+01   2.144e+01   1.048e+01   5.563e+00   3.305e+00   1.670e+00   7.289e+01   4.014e+01   1.805e+01   5.495e+02   -2.269e+02
     20  501200 6783500    200   16.4  .250 1      C3 Z  34           0  3.256e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.050e+04   2.166e+04   1.633e+04   1.235e+04   8.498e+03   5.366e+03   3.567e+03   2.473e+03   1.545e+03   8.802e+02   5.419e+02   3.536e+02   2.099e+02   1.069e+02   6.416e+01   3.728e+01   2.156e+01   9.667e+00   5.151e+00   2.948e+00   1.561e+00   6.428e+01   3.290e+01   1.137e+01   2.417e+02   -2.502e+02
     21  501200 6783700    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.106e+04   2.300e+04   1.701e+04   1.289e+04   8.853e+03   5.545e+03   3.600e+03   2.465e+03   1.485e+03   7.998e+02   4.653e+02   2.886e+02   1.589e+02   7.798e+01   4.336e+01   2.268e+01   1.419e+01   5.861e+00   3.757e+00   2.249e+00   1.202e+00   5.222e+01   2.608e+01   1.751e+02   6.297e+02   -1.280e+02
     20  501200 6783900    200   16.4  .250 1      C3 Z  34           0  3.007e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.886e+04   2.071e+04   1.499e+04   9.665e+03   5.618e+03   3.478e+03   2.271e+03   1.323e+03   7.003e+02   4.096e+02   2.581e+02   1.454e+02   7.456e+01   4.255e+01   2.601e+01   1.416e+01   6.975e+00   3.792e+00   2.332e+00   1.214e+00   5.495e+01   2.553e+01   1.403e+01   9.938e+01   7.756e+00   2.251e+00   1.206e+00   5.222e+01   1.868e+01   1.013e+02   5.353e+02   -1.280e+02
     21  501200 6784100    200   16.4  .250 1      C3 Z  34           0  3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.246e+04   2.592e+04   1.888e+04   1.397e+04   9.262e+03   5.544e+03   3.495e+03   2.303e+03   1.343e+03   7.088e+02   4.002e+02   2.451e+02   1.336e+02   6.620e+01   3.701e+01   2.253e+01   1.232e+01   6.028e+00   3.368e+00   1.954e+00   1.078e+00   6.734e-01   2.
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Line4 and 5
UNITS:(U/A) CONFIG:INLOOP RXAREA:10000 TXAREA:10000 INITDELAY:0 TURNON:.10 TURNOFF:.20 OFFTIME:80 INST:SIROTEM3 FREQUENCY:COMPOSITE
    LINE     EAST   NORTH LSIDE   CUR  RMP G      F C NCH        VPRI        Ch1        Ch2        Ch3        Ch4        Ch5        Ch6        Ch7        Ch8        Ch9       Ch10       Ch11       Ch12       Ch13       Ch14       Ch15       Ch16       Ch17       Ch18       Ch19       Ch20       Ch21       Ch22       Ch23       Ch24       Ch25       Ch26       Ch27       Ch28       Ch29       Ch30       Ch31       Ch32       Ch33       Ch34
\SIROTEM FIELD DATA
\SURVEY AREA :Coober Pedy S. Aust
\PROSPECT    :Line4 and 5
\DATE        :01-06-2003
\CURRENT NORMALIZATION ALTERED FROM VALUE USED BY SIROTEM =    .00
\                                 TO  VALUE ACTUALLY TRANSMITTED =    .00
\Stacking type (0=all,1=last,2=AVERAGE,3=best sd of last 2, :  =0
\             4=best sd of all
\             5=median,6=average of median 3)
\100 x 100m inloop at 100m moves
\
\LOOP: , , , ,
\
\   LOOP     LINE     STN LSIDE   CUR  RMP G      F C NCH        VPRI        Ch1        Ch2        Ch3        Ch4        Ch5        Ch6        Ch7        Ch8        Ch9       Ch10       Ch11       Ch12       Ch13       Ch14       Ch15       Ch16       Ch17       Ch18       Ch19       Ch20       Ch21       Ch22       Ch23       Ch24       Ch25       Ch26       Ch27       Ch28       Ch29       Ch30       Ch31       Ch32       Ch33       Ch34
      41  427150 6769150   100   15.0 .203 1      C3 Z  34          0   2.645e+03  3.687e+01  1.975e+00  3.027e+01  2.932e+04  3.577e+04  2.814e+04  1.683e+04  8.875e+03  4.144e+03  2.151e+03  1.205e+03  5.811e+02  2.441e+02  1.196e+02  6.675e+01  3.272e+01  1.495e+01  7.853e+00  4.900e+00  2.572e+00  1.465e+00  8.203e-01  6.324e-01  1.673e-01  2.050e-01 -1.361e-01  1.937e-01 -1.041e-01  5.979e-02 -1.656e-01  6.832e-02 -1.973e-01  3.791e-02
      42  427150 6769150   100   15.0 .203 2      C3 Z  34          0   4.413e+01  9.494e-01 -3.300e-01  1.608e+00  1.434e+00 -8.002e-01 -4.545e-01  3.159e+02  3.577e+03  3.468e+03  2.159e+03  1.209e+03  5.833e+02  2.451e+02  1.200e+02  6.595e+01  3.266e+01  1.496e+01  8.013e+00  4.789e+00  2.601e+00  1.300e+00  8.075e-01  5.297e-01  3.384e-01  2.112e-01  8.006e-02  9.988e-02  1.973e-02  4.616e-02 -1.281e-02 -2.160e-02 -3.700e-03 -2.240e-03
      41  427150 6769250   100   15.0 .203 1      C3 Z  34          0   2.731e+03  3.661e+01  2.126e+00  1.039e+02  3.079e+04  3.170e+04  1.688e+04  9.627e+03  5.072e+03  2.517e+03  1.440e+03  9.959e+02  4.984e+02  2.471e+02  1.355e+02  7.879e+01  3.999e+01  1.836e+01  9.654e+00  6.160e+00  3.303e+00  1.951e+00  1.121e+00  8.543e-01  3.834e-01  3.379e-01  2.419e-01  2.431e-01 -9.237e-02  7.193e-02 -1.699e-01  9.140e-02 -1.784e-01  1.261e-02
      42  427150 6769250   100   15.0 .203 2      C3 Z  34          0   5.841e+01  2.619e+00  9.860e-02 -6.539e-01 -1.454e-01  2.762e-01  8.724e+02  3.577e+03  3.571e+03  2.501e+03  1.431e+03  8.917e+02  4.957e+02  2.459e+02  1.339e+02  7.810e+01  3.972e+01  1.820e+01  9.666e+00  5.834e+00  3.314e+00  1.845e+00  1.195e+00  7.010e-01  5.147e-01  2.509e-01  1.434e-01  6.008e-02  9.387e-02  3.606e-02 -1.077e-02  2.058e-02  2.674e-02  5.007e-02
      41  427150 6769350   100   15.0 .203 1      C3 Z  34          0   2.530e+03  3.587e+01  2.502e+00  2.611e+03  3.565e+04  2.826e+04  1.476e+04  8.740e+03  4.770e+03  2.446e+03  1.430e+03  9.042e+02  5.099e+02  2.564e+02  1.411e+02  8.177e+01  4.184e+01  1.887e+01  1.002e+01  5.849e+00  3.298e+00  1.756e+00  1.185e+00  5.658e-01  5.046e-01  6.720e-02  2.077e-01 -1.617e-02  1.712e-01 -4.418e-02  5.796e-03 -1.972e-01  8.559e-02 -1.496e-01
      42  427150 6769350   100   15.0 .203 2      C3 Z  34          0   6.091e+01  1.164e+00  5.272e-01 -3.142e-01  7.789e-01 -6.955e-02  1.636e+03  3.577e+03  3.553e+03  2.423e+03  1.407e+03  8.988e+02  5.052e+02  2.552e+02  1.398e+02  8.137e+01  4.149e+01  1.879e+01  9.855e+00  5.874e+00  3.222e+00  1.679e+00  1.153e+00  5.574e-01  5.466e-01  2.627e-01  1.739e-01  1.434e-01  7.541e-02  5.093e-02  6.112e-02 -4.104e-03  1.678e-02  5.021e-02
      41  427150 6769450   100   15.0 .203 1      C3 Z  34          0   2.536e+03  3.569e+01  1.919e+00  1.565e+01  2.868e+04  3.577e+04  2.890e+04  1.676e+04  8.413e+03  3.678e+03  1.820e+03  9.911e+02  4.771e+02  2.092e+02  1.086e+02  6.385e+01  3.334e+01  1.621e+01  9.461e+00  5.832e+00  3.714e+00  1.925e+00  1.301e+00  7.500e-01  5.464e-01  2.408e-01  2.428e-01  8.827e-04  1.148e-01 -8.941e-02  5.970e-02 -1.418e-01  7.623e-02 -1.391e-01
      42  427150 6769450   100   15.0 .203 2      C3 Z  34          0   6.142e+01  2.980e+00  2.305e+00  2.952e+00  7.123e-01 -1.336e+00  7.680e+01  3.566e+02  3.577e+03  3.425e+03  2.420e+03  1.403e+03  9.015e+02  4.768e+02  2.485e+02  1.390e+02  8.137e+01  4.149e+01  1.879e+01  9.355e+00  5.982e+00  3.497e+00  2.031e+00  1.254e+00  8.266e-01  5.295e-01  2.040e-01  1.389e-01  1.427e-01  4.019e-02  4.158e-03  6.835e-02 -7.654e-03
      41  427150 6769550   100   15.0 .203 1      C3 Z  34          0   2.335e+03  3.497e+01  2.597e+00  2.225e+03  3.539e+04  3.184e+04  1.707e+04  9.335e+03  4.418e+03  1.834e+03  9.015e+02  5.086e+02  2.711e+02  1.419e+02  8.719e+01  5.854e+01  3.663e+01  2.121e+01  1.366e+01  9.229e+00  5.881e+00  3.242e+00  2.124e+00  1.280e+00  9.183e-01  3.505e-01  3.455e-01  2.953e-02  1.484e-01 -8.162e-02  4.181e-02 -1.970e-01  7.641e-02 -1.663e-01
      42  427150 6769550   100   15.0 .203 2      C3 Z  34          0   6.586e+01  2.156e+00 -9.564e-01 -1.816e+00 -9.897e-01  4.038e-01  8.524e+02  3.577e+03  3.420e+03  1.826e+03  8.974e+02  5.071e+02  2.696e+02  1.409e+02  8.672e+01  5.838e+01  3.654e+01  2.128e+01  1.360e+01  9.265e+00  5.821e+00  3.353e+00  2.156e+00  1.503e+00  9.421e-01  5.470e-01  2.729e-01  1.714e-01  1.337e-01  7.695e-02  1.337e-02 -1.865e-02 -1.855e-02 -1.864e-03
      41  427150 6769650   100   15.0 .203 1      C3 Z  34          0   2.634e+03  3.587e+01  2.379e+00  2.579e+03  3.577e+04  3.917e+04  1.401e+04  9.643e+03  4.841e+03  1.972e+03  1.074e+03  5.674e+02  2.705e+02  1.374e+02  8.907e+01  6.004e+01  3.705e+01  2.178e+01  1.430e+01  9.536e+00  6.023e+00  3.455e+00  2.137e+00  1.469e+00  9.844e-01  4.651e-01  3.952e-01  2.601e-01  1.760e-01  6.686e-02  2.926e-02 -1.749e-02  3.935e-02 -1.749e-01  1.406e-02
      42  427150 6769650   100   15.0 .203 2      C3 Z  34          0   7.254e+01  3.139e+00  4.592e-01  2.935e-01 -1.265e-01  1.097e+03  3.577e+03  3.362e+03  1.834e+03  9.291e+02  5.650e+02  3.784e+02  2.343e+02  1.365e+02  8.744e+01  5.981e+01  3.760e+01  2.210e+01  1.432e+01  9.786e+00  6.071e+00  3.553e+00  2.273e+00  1.605e+00  9.479e-01  5.362e-01  3.580e-01  2.513e-01  1.256e-01  6.553e-02 -1.597e-02 -3.310e-02 -4.786e-02 -6.020e-02
      41  427150 6769750   100   15.0 .203 1      C3 Z  34          0   3.218e+03  3.692e+01  1.426e+00  1.489e+04  3.577e+04  3.577e+04  1.743e+04  9.643e+03  4.841e+03  1.972e+03  1.074e+03  5.674e+02  2.705e+02  1.374e+02  8.907e+01  6.004e+01  3.705e+01  2.178e+01  1.430e+01  9.536e+00  6.023e+00  3.455e+00  2.137e+00  1.469e+00  9.844e-01  4.651e-01  3.952e-01  2.601e-01  1.761e-02  2.002e-01  3.567e-02  1.513e-02 -1.412e-01  7.246e-02 -1.578e-01
      42  427150 6769750   100   15.0 .203 2      C3 Z  34          0   8.629e+01  2.549e+00  2.220e+00  1.848e+00  5.364e-01 -9.121e-01  1.742e+03  3.577e+03  3.185e+03  1.605e+03  8.717e+02  5.415e+02  3.172e+02  1.785e+02  1.130e+02  7.703e+01  4.790e+01  2.787e+01  1.767e+01  1.200e+01  7.479e+00  4.339e+00  2.691e+00  1.841e+00  1.115e+00  6.716e-01  4.392e-01  2.767e-01  1.928e-01  5.131e-02  4.988e-02  7.900e-02  3.275e-02 -1.177e-02
      41  427150 6769850   100   15.0 .203 1      C3 Z  34          0   3.003e+03  3.689e+01  7.780e+00  1.173e+04  3.577e+04  3.577e+04  2.920e+04  1.873e+04  1.052e+04  5.220e+03  2.851e+03  1.681e+03  8.783e+02  4.176e+02  2.319e+02  1.423e+02  8.088e+01  4.366e+01  2.687e+01  1.757e+01  1.090e+01  6.007e+00  3.811e+00  2.445e+00  1.687e+00  8.247e-01  6.829e-01  2.577e-01  3.719e-01  8.112e-02  1.373e-01  7.131e-02  1.403e-01 -6.409e-02
      42  427150 6769850   100   15.0 .203 2      C3 Z  34          0   3.893e+01  2.759e+00  2.223e+00  2.665e+02  1.453e+03  5.223e+02  2.665e+02  1.378e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03
      41  427150 6769950   100   15.0 .203 1      C3 Z  34          0   2.670e+03  3.476e+01  9.658e+00  2.060e+04  3.577e+04  3.577e+04  3.089e+04  2.259e+04  1.499e+04  9.127e+03  5.911e+03  4.014e+03  2.446e+03  1.353e+03  8.092e+02  5.129e+02  2.882e+02  1.444e+02  8.049e+01  4.844e+01  2.627e+01  1.284e+01  7.405e+00  4.414e+00  2.635e+00  1.243e+00  8.527e-01  3.982e-01  4.147e-01  8.547e-02  1.879e-01 -1.360e-01  1.921e-01 -5.227e-02
      42  427150 6769950   100   15.0 .203 2      C3 Z  34          0   9.251e+01  2.774e+00 -5.093e-01  6.715e-03  3.572e-01  1.771e-01  8.199e-02 -7.041e-02  1.359e+03  3.577e+03  3.577e+03  3.545e+03  2.437e+03  1.348e+03  8.064e+02  5.115e+02  2.866e+02  1.439e+02  7.996e+01  4.820e+01  2.607e+01  1.282e+01  7.320e+00  4.478e+00  2.568e+00  1.379e+00  8.603e-01  5.718e-01  3.360e-01  2.027e-01  1.653e-01  6.309e-02  5.976e-02  9.848e-04
      51  427150 6769950   100   15.0 .203 1      C3 Z  34          0   1.466e+02 -2.121e+00  2.992e+03  3.466e+04  3.577e+04  3.393e+04  2.555e+04  1.941e+04  1.358e+04  8.819e+03  6.035e+03  4.299e+03  2.777e+03  1.651e+03  1.053e+03  7.069e+02  4.256e+02  2.332e+02  1.382e+02  8.715e+01  4.923e+01  2.493e+01  1.432e+01  8.535e+00  4.886e+00  2.338e+00  1.403e+00  5.656e-01  5.362e-01  1.055e-01  1.485e-01 -4.833e-02  6.977e-02 -1.418e-01
      52  427150 6769950   100   15.0 .203 2      C3 Z  34          0   1.703e+00  3.221e-01  2.542e-01  3.904e-01  6.604e-01  2.504e-01 -6.438e-02  1.114e-02  1.904e+03  3.577e+03  3.577e+03  3.577e+03  2.768e+03  1.648e+03  1.051e+03  7.058e+02  4.250e+02  2.319e+02  1.378e+02  8.714e+01  4.892e+01  2.489e+01  1.410e+01  8.832e+00  4.809e+00  2.415e+00  1.342e+00  8.546e-01  4.856e-01  1.918e-01  4.095e-02  5.256e-02  6.921e-02  5.905e-02
      51  427150 6769850   100   15.0 .203 1      C3 Z  34          0  -1.498e+02 -6.750e-01  2.705e+03  3.562e+04  3.577e+04  3.549e+04  2.670e+04  2.033e+04  1.441e+04  9.467e+03  6.147e+03  4.299e+03  2.777e+03  1.651e+03  1.053e+03  7.058e+02  4.250e+02  2.319e+02  1.378e+02  8.714e+01  4.892e+01  2.489e+01  1.410e+01  8.832e+00  4.809e+00  2.415e+00  1.342e+00  8.546e-01  4.856e-01  1.918e-01  4.095e-02  5.256e-02  6.921e-02  5.905e-02
      52  427150 6769850   100   15.0 .203 2      C3 Z  34          0  -8.457e-01 -3.234e-01 -1.440e+00 -9.470e-01 -1.596e-01  3.158e-01  1.290e-01 -1.043e-01  1.399e+03  3.577e+03  3.577e+03  3.577e+03  2.479e+03  1.370e+03  8.233e+02  5.282e+02  3.036e+02  1.594e+02  9.316e+01  5.876e+01  3.332e+01  1.738e+01  1.021e+01  6.389e+00  3.607e+00  1.885e+00  1.129e+00  6.456e-01  4.071e-01  2.277e-01  1.288e-01  5.743e-02  4.422e-02  5.311e-03
      51  427150 6769950   100   15.0 .203 1      C3 Z  34          0  -1.331e+02 -6.449e-01  3.147e+03  3.562e+04  3.577e+04  3.563e+04  2.909e+04  2.171e+04  1.466e+04  9.807e+03  6.313e+03  4.394e+03  2.826e+03  1.679e+03  1.071e+03  7.180e+02  4.322e+02  2.358e+02  1.401e+02  8.851e+01  4.972e+01  2.531e+01  1.457e+01  8.689e+00  4.914e+00  2.451e+00  1.376e+00  8.717e-01  4.586e-01  2.883e-01  1.407e-01  1.278e-01  2.355e-02  1.404e-01  5.830e-02
      52  427150 6769750   100   15.0 .203 2      C3 Z  34          0  -6.720e-02 -6.416e-01 -2.073e+00 -2.279e+00 -7.466e-01  1.410e+00  6.831e-01 -2.715e-01  1.409e+03  3.577e+03  3.577e+03  3.589e+03  2.479e+03  1.239e+03  7.186e+02  4.448e+02  2.441e+02  1.366e+02  8.444e+01  4.235e+01  2.380e+01  1.247e+01  7.358e+00  4.656e+00  2.695e+00  1.463e+00  8.547e-01  5.403e-01  2.976e-01  1.380e-01  9.687e-02  5.609e-02  6.150e-02  3.044e-02
      51  427150 6769650   100   15.0 .203 1      C3 Z  34          0  -1.508e+02  3.848e-01  3.168e+03  3.576e+04  3.577e+04  3.567e+04  2.859e+04  2.061e+04  1.345e+04  8.064e+03  5.175e+03  3.404e+03  2.115e+03  1.159e+03  6.858e+02  4.304e+02  2.373e+02  1.166e+02  6.412e+01  3.822e+01  2.104e+01  1.065e+01  6.248e+00  3.830e+00  2.359e+00  1.185e+00  8.231e-01  3.552e-01  3.425e-01  4.149e-02  1.704e-01 -4.450e-02  1.005e-01 -9.708e-02
      52  427150 6769650   100   15.0 .203 2      C3 Z  34          0  -2.262e+02  2.734e+00  1.224e+00  4.654e-01 -2.849e-01  5.223e+02  2.665e+02  1.378e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03
      51  427150 6769650   100   15.0 .203 1      C3 Z  34          0  -1.625e+02 -6.172e-01  1.313e+02  2.645e+04  3.577e+04  3.577e+04  3.214e+04  2.387e+04  1.600e+04  9.815e+03  6.364e+03  4.312e+03  2.608e+03  1.424e+03  8.410e+02  5.258e+02  2.900e+02  1.409e+02  7.629e+01  4.466e+01  2.362e+01  1.126e+01  6.425e+00  3.839e+00  2.297e+00  1.069e+00  7.096e-01  2.111e-01  2.930e-01  8.694e-03  1.493e-01 -7.967e-02  1.535e-01 -1.164e-01
      52  427150 6769550   100   15.0 .203 2      C3 Z  34          0  -4.227e+00 -4.531e-01 -1.351e+00 -1.341e+00 -4.264e-01  3.736e-01  2.778e-01 -2.084e-02  8.251e+02  3.577e+03  3.577e+03  3.577e+03  2.594e+03  1.419e+03  8.377e+02  5.241e+02  2.882e+02  1.402e+02  7.583e+01  4.446e+01  2.322e+01  1.118e+01  6.284e+00  3.878e+00  2.249e+00  1.079e+00  6.794e-01  4.778e-01  2.632e-01  1.233e-01  1.005e-01  5.387e-02  4.406e-02  5.947e-03
      51  427150 6769550   100   15.0 .203 1      C3 Z  34          0  -1.413e+02 -6.298e-01  1.129e+03  3.577e+04  3.577e+04  3.577e+04  3.078e+04  2.203e+04  1.557e+04  1.046e+04  6.915e+03  4.605e+03  2.966e+03  1.635e+03  1.007e+03  6.902e+02  4.235e+02  2.302e+02  1.382e+02  8.715e+01  4.923e+01  2.493e+01  1.432e+01  8.535e+00  4.886e+00  2.338e+00  1.403e+00  5.656e-01  5.362e-01  1.055e-01  1.485e-01 -4.833e-02  6.977e-02 -1.418e-01
      52  427150 6769450   100   15.0 .203 2      C3 Z  34          0  -7.295e+00 -6.556e-01  7.504e-01  8.386e-01  6.607e-01  1.280e-01 -1.314e-01 -1.631e-02  1.218e+03  3.577e+03  3.577e+03  3.564e+03  2.606e+03  1.464e+03  8.828e+02  5.606e+02  3.115e+02  1.517e+02  8.084e+01  4.618e+01  2.295e+01  1.027e+01  5.267e+00  3.024e+00  1.621e+00  8.769e-01  4.507e-01  2.811e-01  1.896e-01  1.991e-01  6.277e-02  5.244e-02  2.057e-02 -1.491e-02
      51  427150 6769450   100   15.0 .203 1      C3 Z  34          0  -1.618e+02 -6.980e-01  1.014e+03  3.577e+04  3.577e+04  3.577e+04  3.212e+04  2.434e+04  1.676e+04  1.134e+04  7.619e+03  5.098e+03  3.236e+03  1.788e+03  1.102e+03  7.555e+02  4.636e+02  2.522e+02  1.514e+02  9.542e+01  5.464e+01  2.730e+01  1.567e+01  9.513e+00  5.348e+00  2.683e+00  1.544e+00  9.602e-01  6.261e-01  4.444e-01  1.131e-01  4.144e-01  4.319e-02  4.359e-02  1.256e-01  1.566e-01  1.251e-01  4.283e-02
      52  427150 6769350   100   15.0 .203 2      C3 Z  34          0  -6.004e+00  1.238e+00  2.479e+00  1.599e+00  1.147e-01  5.108e-01 -1.284e-01  1.070e-01  3.090e+02  3.574e+03  3.577e+03  3.577e+03  2.923e+03  1.654e+03  9.882e+02  6.233e+02  3.447e+02  1.680e+02  8.951e+01  5.131e+01  2.536e+01  1.091e+01  5.322e+00  2.986e+00  1.536e+00  7.533e-01  4.602e-01  2.948e-01  1.846e-01  8.833e-02  2.212e-01  5.799e-02  5.807e-02  1.105e-02
      51  427150 6769250   100   15.0 .203 1      C3 Z  34          0  -1.188e+02  2.958e+00  1.141e+01  2.121e+04  3.577e+04  3.577e+04  3.264e+04  2.471e+04  1.683e+04  1.042e+04  6.741e+03  4.528e+03  2.670e+03  1.399e+03  7.920e+02  4.767e+02  2.520e+02  1.173e+02  6.124e+01  3.441e+01  1.679e+01  6.854e+00  3.320e+00  1.595e+00  8.020e-01  3.341e-01  3.065e-01  3.681e-03  8.757e-02 -1.157e-01 -4.072e-03 -2.330e-01  1.394e-02 -1.710e-01
      52  427150 6769250   100   15.0 .203 2      C3 Z  34          0  -6.954e+00  1.238e+00  2.479e+00  1.599e+00  1.147e-01  5.108e-01 -1.284e-01  1.070e-01  3.090e+02  3.574e+03  3.577e+03  3.577e+03  2.923e+03  1.654e+03  9.882e+02  6.233e+02  3.447e+02  1.680e+02  8.951e+01  5.131e+01  2.536e+01  1.091e+01  5.322e+00  2.986e+00  1.536e+00  7.533e-01  4.602e-01  2.948e-01  1.846e-01  8.833e-02  2.212e-01  5.799e-02  5.807e-02  1.105e-02
      51  427150 6769150   100   15.0 .203 1      C3 Z  34          0  -1.188e+02  2.958e+00  1.141e+01  2.121e+04  3.577e+04  3.577e+04  3.264e+04  2.471e+04  1.683e+04  1.042e+04  6.741e+03  4.528e+03  2.670e+03  1.399e+03  7.920e+02  4.767e+02  2.520e+02  1.173e+02  6.124e+01  3.441e+01  1.679e+01  6.854e+00  3.320e+00  1.595e+00  8.020e-01  3.341e-01  3.065e-01  3.681e-03  8.757e-02 -1.157e-01 -4.072e-03 -2.330e-01  1.394e-02 -1.710e-01
      52  427150 6769150   100   15.0 .203 2      C3 Z  34          0  -6.954e+00  1.238e+00  2.479e+00  1.599e+00  1.147e-01  5.108e-01 -1.284e-01  1.070e-01  3.090e+02  3.574e+03  3.577e+03  3.577e+03  2.923e+03  1.654e+03  9.882e+02  6.233e+02  3.447e+02  1.680e+02  8.951e+01  5.131e+01  2.536e+01  1.091e+01  5.322e+00  2.986e+00  1.536e+00  7.533e-01  4.602e-01  2.948e-01  1.846e-01  8.833e-02  2.212e-01  5.799e-02  5.807e-02  1.105e-02
      51  427150 6768950   100   15.0 .203 1      C3 Z  34          0   2.118e+03  3.400e+01  2.058e+00  1.915e+03  3.513e+04  3.577e+04  3.433e+04  2.505e+04  1.544e+04  8.672e+03  5.282e+03  3.415e+03  1.970e+03  1.026e+03  5.857e+02  3.585e+02  1.919e+02  9.014e+01  4.652e+01  2.588e+01  1.423e+01  8.794e+00  4.945e+00  2.518e+00  1.252e+00  7.497e-01  3.881e-01  2.948e-01  2.002e-02  1.693e-01 -2.668e-02  2.824e-02 -1.106e-01  1.467e-01  6.906e-02
      52  427150 6768950   100   15.0 .203 2      C3 Z  34          0   2.262e+03  2.754e+00  1.224e+00  4.654e-01 -2.849e-01  1.403e+01  6.852e+00  1.744e+01  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03
      51  427150 6768850   100   15.0 .203 1      C3 Z  34          0   2.263e+03  3.482e+01  5.419e+00  4.894e+03  3.577e+04  3.577e+04  3.338e+04  2.318e+04  1.372e+04  7.266e+03  4.196e+03  2.595e+03  1.432e+03  7.175e+02  4.041e+02  2.454e+02  1.314e+02  9.144e+01  3.134e+01  1.715e+01  8.182e+00  5.295e+00  2.696e+00  8.794e-01  6.545e-01  1.546e-01  2.142e-01 -8.324e-02  1.236e-01 -1.344e-01  7.686e-02 -1.891e-01  4.504e-02  1.329e-01
      52  427150 6768950   100   15.0 .203 2      C3 Z  34          0   3.709e+01  9.359e-01 -7.542e-01 -1.291e+00 -8.144e-02  7.517e-01  4.705e-01  1.163e-01  1.916e+03  3.577e+03  3.577e+03  3.529e+03  2.588e+03  1.427e+03  7.155e+02  4.023e+02  2.444e+02  1.307e+02  6.113e+01  3.138e+01  1.720e+01  8.135e+00  3.371e+00  1.760e+00  9.781e-01  6.101e-01  3.177e-01  2.262e-01  1.034e-01  6.441e-02  4.733e-02  7.154e-03  1.218e-02  3.690e-02  4.751e-03
      51  427150 6768850   100   15.0 .203 1      C3 Z  34          0   2.976e+03  5.178e+00  1.670e+03  1.935e+04  3.577e+04  3.577e+04  3.496e+04  2.594e+04  1.579e+04  8.862e+03  5.382e+03  3.366e+03  1.902e+03  1.014e+03  5.682e+02  3.477e+02  1.861e+02  8.744e+01  4.511e+01  2.509e+01  1.381e+01  8.532e+00  4.797e+00  2.441e+00  1.214e+00  7.273e-01  3.837e-01  2.860e-01  1.003e-01  6.246e-02  4.589e-02  7.792e-03  1.809e-02 -2.749e-03 -7.962e-03 -1.328e-02
      52  427150 6768850   100   15.0 .203 2      C3 Z  34          0   5.703e+01  2.174e+00  2.388e-02  1.990e-01 -4.354e-02  1.085e-01  1.259e-01  1.050e-02  1.059e+03  3.577e+03  3.577e+03  3.577e+03  3.087e+03  1.689e+03  8.022e+02  4.214e+02  2.390e+02  1.175e+02  5.032e+01  2.443e+01  1.317e+01  6.208e+00  2.674e+00  1.472e+00  8.967e-01  4.801e-01  1.897e-01  1.248e-02  2.097e-03 -8.105e-03 -8.837e-02 -7.751e-02 -7.533e-02 -4.673e-02  8.143e-02
      51  427150 6768750   100   15.0 .203 1      C3 Z  34          0   2.118e+03  5.841e+00  1.467e+03  1.935e+04  3.577e+04  3.577e+04  3.512e+04  2.640e+04  1.612e+04  9.026e+03  5.534e+03  3.468e+03  1.958e+03  1.044e+03  5.857e+02  3.585e+02  1.919e+02  9.014e+01  4.652e+01  2.588e+01  1.423e+01  8.794e+00  4.945e+00  2.518e+00  1.252e+00  7.497e-01  3.881e-01  2.948e-01  2.002e-02  1.693e-01 -2.668e-02  2.824e-02 -1.106e-01  1.467e-01  6.906e-02
      52  427150 6768750   100   15.0 .203 2      C3 Z  34          0   7.056e+01  2.522e+00 -3.155e-01 -1.762e+00 -9.668e-02  6.701e-01  2.074e-01  1.615e+00  3.191e+03  3.562e+03  3.577e+03  2.522e+03  1.402e+03  6.673e+02  2.746e+02  1.317e+02  7.161e+01  3.575e+01  1.717e+01  9.714e+00  6.243e+00  3.580e+00  1.923e+00  1.112e+00  7.788e-01  4.250e-01  1.536e-01  8.349e-02  5.686e-02  6.730e-03  1.114e-02 -2.019e-03 -8.476e-02  3.786e-03 -4.728e-02
      51  427150 6768750   100   15.0 .203 1      C3 Z  34          0   3.313e+03  3.720e+01  1.176e+00  4.620e+01  2.989e+04  2.867e+04  1.280e+04  6.416e+03  2.889e+03  1.183e+03  5.873e+02  3.341e+02  1.771e+02  9.112e+01  5.612e+01  3.774e+01  2.357e+01  1.348e+01  8.644e+00  5.749e+00  3.595e+00  1.839e+00  1.189e+00  5.419e-01  4.834e-01  9.600e-02  1.445e-01 -1.245e-01  5.216e-02 -1.105e-01 -3.165e-03 -2.710e-01  1.984e-02 -1.642e-01
      52  427150 6768650   100   15.0 .203 2      C3 Z  34          0   9.134e+01  1.612e+00 -1.156e+00 -1.156e+00 -5.511e-01  1.026e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03
      51  427150 6768650   100   15.0 .203 1      C3 Z  34          0   3.192e+03  3.755e+01  1.164e+00  9.112e+02  3.274e+04  3.364e+04  1.364e+04  7.761e+03  3.233e+03  1.004e+03  4.441e+02  2.485e+02  1.602e+02  9.953e+01  6.007e+01  4.055e+01  2.860e+01  1.895e+01  1.115e+01  7.216e+00  4.749e+00  3.038e+00  1.570e+00  1.079e+00  5.374e-01  5.147e-01  1.022e-01  2.177e-01 -5.670e-02  1.428e-01 -2.532e-02  1.276e-01 -1.511e-01  7.079e-02 -8.720e-02
      52  427150 6768550   100   15.0 .203 2      C3 Z  34          0   2.956e+03  1.332e+00 -2.104e+00 -1.476e+00 -5.523e-01  1.026e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03
      51  427150 6768550   100   15.0 .203 1      C3 Z  34          0   3.549e+03  3.656e+01  8.698e-01  1.213e+03  3.195e+04  3.049e+04  1.049e+04  6.052e+03  2.240e+03  5.211e+02  2.304e+02  1.340e+02  8.947e+01  5.755e+01  3.591e+01  2.466e+01  1.748e+01  1.173e+01  7.039e+00  4.647e+00  2.937e+00  2.018e+00  1.100e+00  7.618e-01  3.605e-01  3.822e-01  6.457e-02  2.084e-01 -6.797e-02  1.142e-01 -9.213e-02  1.475e-01 -1.504e-01  1.100e-01  7.092e-02
      52  427150 6768550   100   15.0 .203 2      C3 Z  34          0   1.370e+02  1.717e+00 -1.368e+00  6.352e-01  2.993e+00  2.952e+03  2.821e+03  1.232e+03  5.177e+02  2.289e+02  1.328e+02  8.874e+01  5.692e+01  3.551e+01  2.410e+01  1.733e+01  1.136e+01  6.935e+00  4.409e+00  3.072e+00  1.894e+00  1.093e+00  7.615e-01  4.212e-01  3.330e-01  1.263e-01  1.182e-01  1.042e-01  6.810e-02  4.049e-02  3.717e-02  1.556e-02  6.765e-02  2.086e-02
      51  427150 6768450   100   15.0 .203 1      C3 Z  34          0   5.159e+03  3.193e+01  1.194e+00  1.161e+03  3.484e+04  3.577e+04  1.559e+04  7.798e+03  2.799e+03  1.189e+03  5.982e+02  3.413e+02  1.913e+02  9.913e+01  6.070e+01  4.151e+01  2.929e+01  1.929e+01  1.183e+01  7.529e+00  4.644e+00  3.089e+00  1.934e+00  1.158e+00  7.536e-01  4.889e-01  3.153e-01  2.013e-01  9.079e-02  1.115e-01  6.729e-02  6.347e-02  3.597e-02  2.264e-03  3.942e-02  3.199e-02
      52  427150 6768450   100   15.0 .203 2      C3 Z  34          0   2.147e+02  1.810e+00 -8.016e-02  1.475e+00  1.469e+03  3.301e+03  1.560e+03  7.685e+02  3.773e+02  1.902e+02  1.169e+02  8.054e+01  5.218e+01  3.260e+01  2.245e+01  1.612e+01  1.061e+01  6.501e+00  4.180e+00  3.039e+00  1.934e+00  1.158e+00  7.536e-01  4.889e-01  3.153e-01  2.013e-01  9.079e-02  1.115e-01  6.729e-02  6.347e-02  3.597e-02  2.264e-03  3.942e-02  3.199e-02
      51  427150 6768350   100   15.0 .203 1      C3 Z  34          0   5.781e+03  5.119e+00  3.741e+01  1.385e+04  3.581e+04  3.485e+04  1.422e+04  7.370e+03  2.796e+03  1.099e+03  5.279e+02  3.084e+02  1.698e+02  8.984e+01  5.968e+01  3.813e+01  2.649e+01  1.884e+01  1.255e+01  8.243e+00  5.109e+00  3.217e+00  2.312e+00  1.218e+00  9.618e-01  2.772e-01  2.822e-01  1.569e-01  1.286e-01  1.098e-01  6.267e-02  8.816e-02  6.019e-02  1.977e-02  8.954e-02 -1.576e-02
      52  427150 6768350   100   15.0 .203 2      C3 Z  34          0   6.138e+01  1.778e+00  1.161e+00  1.661e+00  3.084e+03  3.418e+03  1.352e+03  6.747e+02  3.277e+02  1.662e+02  1.021e+02  7.035e+01  4.555e+01  2.843e+01  1.960e+01  1.452e+01  1.006e+01  6.614e+00  4.377e+00  2.693e+00  1.691e+00  1.012e+00  6.661e-01  4.243e-01  3.011e-01  2.276e-01  1.389e-01  1.140e-01  4.756e-02  1.551e-02  4.953e-02  1.551e-02  1.551e-02
      51  427150 6768250   100   15.0 .203 1      C3 Z  34          0   4.220e+02  3.695e+00 -9.251e-01 -2.070e+00 -8.178e-01  9.987e-01  1.081e+00  4.275e+02  3.577e+03  2.950e+03  1.404e+03  7.005e+02  2.977e+02  1.100e+02  5.094e+01  2.808e+01  1.508e+01  7.880e+00  4.826e+00  3.124e+00  1.887e+00  1.056e+00  6.321e-01  4.758e-01  1.756e-01  5.054e-02  9.949e-02  8.491e-02  1.473e-02 -1.140e-02  1.163e-02 -3.356e-02  9.805e-03 -1.283e-02
      52  427150 6768250   100   15.0 .203 2      C3 Z  34          0   8.482e+03  9.570e+00  7.888e-02  7.458e+01  2.920e+04  1.098e+04  3.106e+03  1.454e+03  7.321e+02  3.814e+02  2.
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12  418750 6777450  100   15.0 .203 2     C3 Z  34          0   1.273e+02   2.975e+00  -3.206e-01  -2.492e-01  -2.107e-01  -1.561e-01   1.553e-01   3.424e+00   3.211e+03   3.577e+03   3.514e+03   2.669e+03   1.599e+03   8.733e+02   5.214e+02   3.321e+02   1.880e+02   9.581e+01   5.394e+01   3.258e+01   1.744e+01   8.283e+00   4.488e+00   2.610e+00   1.365e+00   6.720e-01   3.576e-01   1.938e-01   1.225e-01   4.523e-02   7.192e-02   3.080e-03  -2.680e-02  -2.922e-02
12  418750 6777500  100   15.0 .203 1     C3 Z  34          0   1.556e+02   3.163e+00  -4.857e-01  -2.149e-01  -1.577e-01  -1.289e-01   1.289e-01   3.256e+00   3.577e+03   3.577e+03   3.577e+03   2.689e+03   1.731e+03   9.289e+02   5.457e+02   3.449e+02   1.949e+02   9.968e+01   5.638e+01   3.443e+01   1.857e+01   8.942e+00   4.786e+00   2.791e+00   1.503e+00   6.496e-01   3.256e-01   1.699e-01   1.029e-01   3.783e-02   1.392e-02  -2.547e-02   1.949e-02  -3.294e-02
11  418750 6777550  100   15.0 .203 2     C3 Z  34          0   5.375e+03   3.311e+01   1.183e+00   7.765e+01   3.049e+04   3.519e+04   2.551e+04   1.738e+04   1.085e+04   6.230e+03   3.863e+03   2.535e+03   1.488e+03   7.911e+02   4.631e+02   2.898e+02   1.621e+02   8.216e+01   4.676e+01   2.844e+01   1.556e+01   7.440e+00   4.163e+00   2.201e+00   1.348e+00   5.348e-01   4.485e-01  -4.977e-02   1.573e-01  -4.231e-02   1.189e-01  -1.200e-01   1.299e-01  -1.032e-01
11  418750 6777600  100   15.0 .203 1     C3 Z  34          0   1.532e+02   2.038e+00  -1.758e+00  -2.448e+00  -9.114e-02   1.684e+00   1.651e-01   3.512e+00   3.577e+03   3.577e+03   3.466e+03   2.521e+03   1.479e+03   7.870e+02   4.602e+02   2.812e+02   1.533e+02   8.192e+01   4.625e+01   2.812e+01   1.533e+01   7.789e+00   4.117e+00   2.427e+00   1.283e+00   1.071e-01   2.427e-02   1.055e-02   3.033e-02   1.036e-03
11  418750 6777700  100   15.0 .203 1     C3 Z  34          0   9.470e+03  -2.389e+00  -1.439e+00   4.413e+00   1.959e+04   3.577e+04   3.149e+04   2.128e+04   1.304e+04   7.331e+03   4.470e+03   2.893e+03   1.673e+03   8.769e+02   5.076e+02   3.161e+02   1.755e+02   8.815e+01   4.975e+01   3.017e+01   1.635e+01   7.721e+00   4.274e+00   2.279e+00   1.375e+00   4.452e-01   3.538e-01  -1.462e-02   1.731e-01  -8.842e-02   5.302e-02  -1.275e-01   5.742e-02  -9.396e-02
11  418750 6777750  100   15.0 .203 2     C3 Z  34          0   1.867e+02   1.855e+00   2.597e+00   1.386e+00   2.924e+01   3.577e+04   3.577e+04   2.246e+04   1.369e+04   7.684e+03   4.685e+03   2.724e+03   1.574e+03   8.724e+02   5.040e+02   3.192e+02   1.742e+02   8.921e+01   4.921e+01   3.097e+01   1.631e+01   7.880e+00   4.580e+00   2.362e+00   2.237e+00   1.355e+00   8.443e+00   2.759e+00   1.097e-02   1.196e-02
11  418750 6777850  100   15.0 .203 1     C3 Z  34          0   5.931e+03   3.307e+01   2.180e+00   2.412e+01   2.919e+04   3.547e+04   2.615e+04   1.747e+04   1.062e+04   5.933e+03   3.617e+03   2.350e+03   1.372e+03   7.295e+02   4.288e+02   2.691e+02   1.506e+02   7.578e+01   4.253e+01   2.553e+01   1.367e+01   6.396e+00   3.620e+00   1.934e+00   1.211e+00   4.114e-01   3.862e-01   3.341e-02   1.746e-01  -4.097e-03   1.129e-01  -8.987e-02   1.137e-01  -7.928e-02
12  418750 6777850  100   15.0 .203 2     C3 Z  34          0   1.526e+02   3.388e+00  -6.550e-01  -1.632e-01  -7.932e-01   6.625e-01   4.070e-01   8.594e+00   3.295e+03   3.577e+03   3.368e+03   2.342e+03   1.367e+03   7.272e+02   4.264e+02   2.680e+02   1.498e+02   7.554e+01   4.225e+01   2.544e+01   1.340e+01   6.416e+00   3.487e+00   1.913e+00   1.066e+00   5.424e-01   2.376e-01   1.578e-01   6.163e-02  -1.589e-02   3.289e-02   2.273e-02   3.384e-02  -1.536e-02
11  418750 6777900  100   15.0 .203 1     C3 Z  34          0   5.770e+03   3.374e+01   2.320e+00   5.429e+01   3.005e+04   3.534e+04   2.615e+04   1.748e+04   1.112e+04   6.350e+03   3.929e+03   2.579e+03   1.518e+03   8.119e+02   4.768e+02   3.003e+02   1.674e+02   8.487e+01   4.687e+01   2.785e+01   1.486e+01   6.839e+00   3.695e+00   1.962e+00   1.138e+00   4.839e-01   3.979e-01   2.645e-02   1.784e-02   5.555e-02   1.401e-01  -6.179e-03   2.274e-01  -7.695e-03  -1.927e-01
12  418750 6777950  100   15.0 .203 2     C3 Z  34          0   1.441e+02   3.111e+00   1.596e+00   8.100e-01   1.072e-01  -8.400e-01  -1.092e-01   1.885e+00   3.168e+03   3.577e+03   3.491e+03   2.571e+03   1.513e+03   8.097e+02   4.754e+02   2.986e+02   1.667e+02   8.372e+01   4.656e+01   2.779e+01   1.480e+01   6.905e+00   3.679e+00   2.193e+00   1.137e+00   4.744e-01   2.408e-01   1.368e-01   3.192e-02   5.366e-02   3.583e-02   1.014e-02  -1.106e-02   2.412e-02
11  418750 6778000  100   15.0 .203 1     C3 Z  34          0   5.931e+03   3.307e+01   2.180e+00   2.412e+01   2.919e+04   3.547e+04   2.615e+04   1.747e+04   1.062e+04   5.933e+03   3.617e+03   2.350e+03   1.372e+03   7.295e+02   4.288e+02   2.691e+02   1.506e+02   7.578e+01   4.253e+01   2.553e+01   1.367e+01   6.396e+00   3.620e+00   1.934e+00   1.211e+00   4.114e-01   3.862e-01   3.341e-02   1.746e-01  -4.097e-03   1.129e-01  -8.987e-02   1.137e-01  -7.928e-02
12  425750 6766550  100   16.4 .203 2     C3 Z  34          0   7.400e+00  -8.603e-01  -7.602e-01   1.439e-01   7.885e-01   3.573e-02  -2.838e-01   1.387e-02   1.230e+01   8.203e+02   3.271e+03   3.271e+03   3.271e+03   2.876e+03   1.972e+03   1.413e+03   9.363e+02   6.865e+02   3.988e+02   2.870e+02   1.910e+02   1.198e+02   8.135e+01   5.825e+01   3.859e+01   2.400e+01   1.618e+01   1.145e+01   7.468e+00   4.457e+00   2.839e+00   1.899e+00   1.129e+00   5.603e-01
31  425750 6766650  100   15.0 .203 1     C3 Z  34          0  -1.018e+02   4.179e+00   2.302e+00   3.519e+01   2.945e+04   3.577e+04   3.577e+04   3.377e+04   2.345e+04   1.509e+04   1.040e+04   7.526e+03   5.016e+03   3.138e+03   2.120e+03   1.514e+03   1.001e+03   6.253e+02   4.247e+02   3.068e+02   2.035e+02   1.270e+02   8.624e+01   6.145e+01   4.068e+01   2.591e+01   1.685e+01   1.156e+01   7.602e+00   4.355e+00   2.873e+00   1.737e+00   1.176e+00   4.946e-01
31  425750 6766700  100   15.0 .203 2     C3 Z  34          0  -6.113e+00   7.355e-01   1.556e+00   1.866e-01   1.176e+00   3.226e-01   7.097e-01   1.128e+01   3.577e+03   3.577e+03   3.577e+03   3.577e+03   3.577e+03   3.101e+03   2.128e+03   1.520e+03   1.010e+03   6.982e+02   4.239e+02   2.939e+02   2.009e+02   1.270e+02   8.624e+01   6.145e+01   4.068e+01   2.591e+01   1.685e+01   1.156e+01   7.602e+00   4.355e+00   2.873e+00   1.737e+00   1.176e+00   4.946e-01
31  425750 6766750  100   15.0 .203 1     C3 Z  34          0  -1.409e+02   1.683e+00   9.188e-01   1.532e+02   3.129e+04   3.577e+04   3.577e+04   3.328e+04   2.298e+04   1.480e+04   1.023e+04   7.428e+03   4.976e+03   3.136e+03   2.135e+03   1.536e+03   1.023e+03   6.438e+02   4.385e+02   3.158e+02   2.107e+02   1.314e+02   8.896e+01   6.340e+01   4.183e+01   2.553e+01   1.700e+01   1.158e+01   7.473e+00   4.223e+00   2.685e+00   1.550e+00   1.062e+00   3.532e+01
31  425750 6766800  100   15.0 .203 2     C3 Z  34          0  -6.113e+00   7.355e-01   1.556e+00   1.866e-01   1.176e+00   3.226e-01   7.097e-01   1.128e+01   3.577e+03   3.577e+03   3.577e+03   3.577e+03   3.577e+03   3.101e+03   2.128e+03   1.520e+03   1.010e+03   6.982e+02   4.239e+02   2.939e+02   2.009e+02   1.270e+02   8.624e+01   6.145e+01   4.068e+01   2.591e+01   1.685e+01   1.156e+01   7.602e+00   4.355e+00   2.873e+00   1.737e+00   1.176e+00   4.946e-01
31  425750 6766850  100   15.0 .203 1     C3 Z  34          0  -1.332e+02   1.174e+00   1.176e+00   3.013e+01   3.497e+04   3.577e+04   3.577e+04   3.328e+04   2.320e+04   1.508e+04   1.048e+04   7.637e+03   5.137e+03   3.254e+03   2.220e+03   1.607e+03   1.072e+03   6.766e+02   4.609e+02   3.315e+02   2.202e+02   1.378e+02   9.325e+01   6.673e+01   4.373e+01   2.673e+01   1.755e+01   1.206e+01   7.522e+00   4.201e+00   2.553e+00   1.584e+00   9.086e-01   3.735e-01
32  425750 6766900  100   15.0 .203 2     C3 Z  34          0   8.802e+03   7.980e+01   1.414e+00   1.574e+01   2.977e+04   3.577e+04   3.577e+04   3.317e+04   2.294e+04   1.494e+04   1.021e+04   7.484e+03   5.121e+03   3.297e+03   2.321e+03   1.668e+03   1.121e+03   7.044e+02   4.844e+02   3.469e+02   2.312e+02   1.447e+02   9.786e+01   7.007e+01   4.598e+01   2.809e+01   1.846e+01   1.268e+01   7.905e+00   4.415e+00   2.683e+00   1.665e+00   9.551e-01   3.941e-01   1.132e-01
32  425750 6766150  100   15.0 .203 2     C3 Z  34          0   8.908e+01   3.138e+00   1.467e+00   2.680e-01  -5.204e-01   2.241e-01   1.874e-01  -1.528e-01  -1.045e-02   3.171e+02   3.569e+03   3.577e+03   3.577e+03   3.296e+03   2.321e+03   1.668e+03   1.106e+03   6.965e+02   4.664e+02   3.334e+02   2.203e+02   1.374e+02   9.276e+01   6.629e+01   4.335e+01   2.618e+01   1.685e+01   1.130e+01   6.768e+02   3.559e+00   2.034e+00   1.212e+00   6.293e-01   2.439e-01
31  425750 6766050  100   15.0 .203 1     C3 Z  34          0   4.069e+03   3.744e+01   1.837e+00   7.247e+00   2.620e+04   3.577e+04   3.577e+04   3.536e+04   2.609e+04   1.690e+04   1.172e+04   8.529e+03   5.735e+03   3.654e+03   2.484e+03   1.792e+03   1.196e+03   7.537e+02   5.139e+02   3.704e+02   2.483e+02   1.551e+02   1.043e+02   7.309e+01   4.649e+01   2.669e+01   1.640e+01   1.021e+01   5.892e+00   2.722e+00   1.519e+00   7.004e-01   4.632e-01   1.550e-02
31  425750 6766100  100   15.0 .203 2     C3 Z  34          0   8.930e+03   3.182e+01   1.453e+00   1.479e+01   2.977e+04   3.577e+04   3.577e+04   3.317e+04   2.294e+04   1.494e+04   1.021e+04   7.484e+03   5.121e+03   3.297e+03   2.321e+03   1.668e+03   1.121e+03   7.044e+02   4.844e+02   3.469e+02   2.312e+02   1.447e+02   9.786e+01   7.007e+01   4.598e+01   2.809e+01   1.846e+01   1.268e+01   7.905e+00   4.415e+00   2.683e+00   1.665e+00   9.551e-01   3.941e-01   1.132e-01
31  425750 6765950  100   15.0 .203 1     C3 Z  34          0   3.145e+03   3.725e+01   1.840e+00   4.461e+02   3.277e+04   3.577e+04   3.577e+04   3.411e+04   2.413e+04   1.574e+04   1.098e+04   8.055e+03   5.481e+03   3.535e+03   2.461e+03   1.807e+03   1.229e+03   7.865e+02   5.367e+02   3.819e+02   2.476e+02   1.555e+02   9.135e+01   6.012e+01   3.515e+01   1.807e+01   1.031e+01   5.914e+00   3.182e+00   1.277e+00   8.078e-01   1.548e-01   1.851e-01   1.591e-01
32  425750 6765850  100   15.0 .203 2     C3 Z  34          0   9.013e+03   2.158e+00   2.403e+00   2.037e+01   2.977e+04   3.577e+04   3.577e+04   3.371e+04   2.416e+04   1.574e+04   1.098e+04   8.055e+03   5.481e+03   3.535e+03   2.461e+03   1.807e+03   1.229e+03   7.865e+02   5.367e+02   3.819e+02   2.476e+02   1.555e+02   9.135e+01   6.012e+01   3.515e+01   1.807e+01   1.031e+01   5.914e+00   3.182e+00   1.277e+00   8.078e-01   1.548e-01   1.851e-01   1.591e-01
32  425750 6765800  100   15.0 .203 1     C3 Z  34          0   1.912e+03   3.202e+01   2.991e+00   2.504e+03   3.558e+04   3.577e+04   3.547e+04   2.910e+04   2.035e+04   1.353e+04   9.573e+03   7.060e+03   5.775e+03   3.001e+03   2.008e+03   1.406e+03   8.919e+02   5.187e+02   3.264e+02   2.156e+02   1.281e+02   6.858e+01   3.037e+01   2.513e+01   1.399e+01   6.811e+00   3.685e+00   2.130e+00   1.141e+00   5.429e-01   2.923e-01   1.432e-01   7.315e-02   4.669e-02
32  425750 6765750  100   15.0 .203 2     C3 Z  34          0   5.538e+01   2.809e+00   2.753e+00   1.937e+00  -6.052e-01  -1.260e+00  -3.209e-02   3.557e-01   2.657e-02   1.940e+03   3.577e+03   3.577e+03   3.577e+03   2.981e+03   2.001e+03   1.402e+03   8.888e+02   5.175e+02   3.245e+02   2.149e+02   1.273e+02   6.838e+01   4.013e+01   2.512e+01   1.390e+01   6.811e+00   3.685e+00   2.130e+00   1.141e+00   5.429e-01   2.923e-01   1.432e-01   7.315e-02   4.669e-02
32  425750 6765700  100   15.0 .203 1     C3 Z  34          0   3.060e+01   3.357e+00   2.357e+00   1.577e+00   3.577e+04   3.577e+04   3.577e+04
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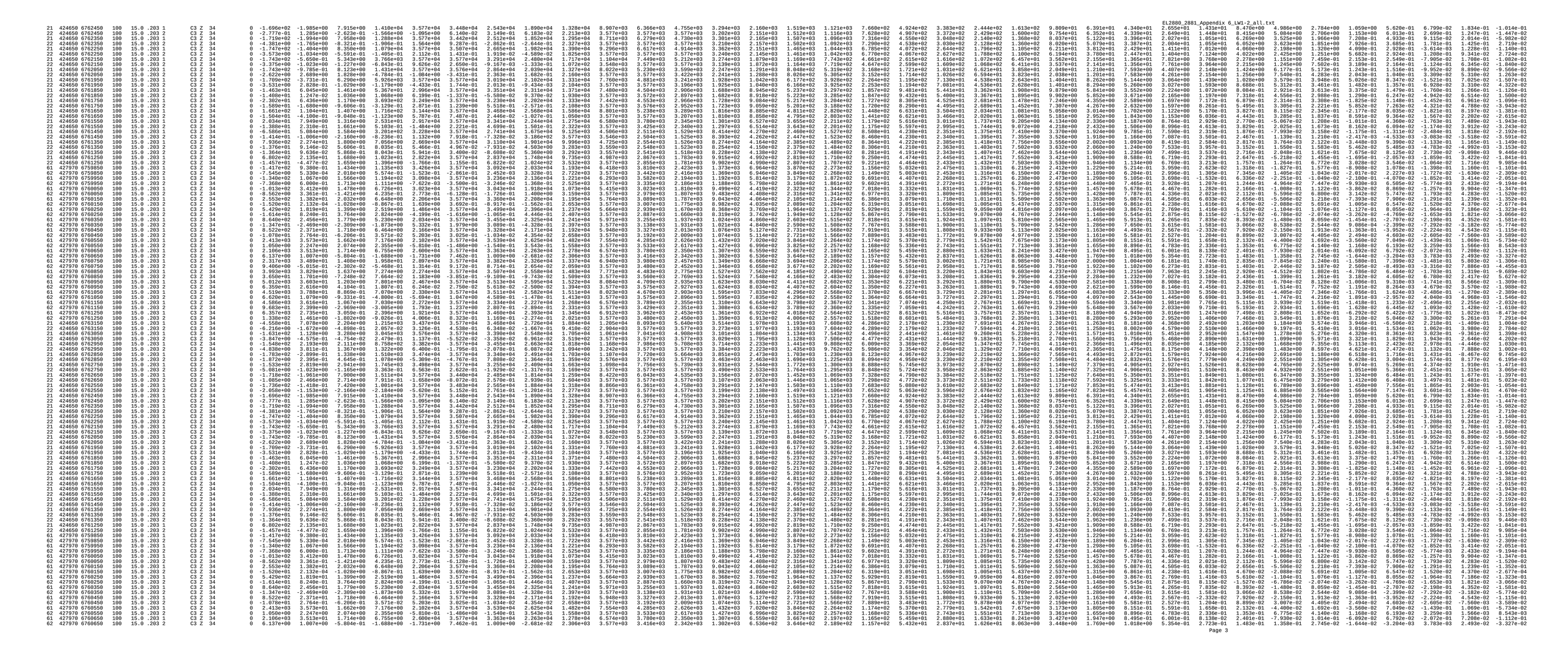

61	427970	6760750	100	15.0	.203	1	C3	Z	34	0	2.317e+03	3.489e+01	1.408e+00	1.958e+01	2.897e+04	3.577e+04	3.382e+04	2.326e+04	1.337e+04	6.940e+03	3.980e+03	2.457e+03	1.349e+03	6.668e+02	3.694e+02	2.206e+02	1.174e+02	5.579e+01	3.002e+01	1.721e+01	8.985e+00	3.761e+00	2.000e+00	1.004e+00	6.181e-01	1.740e-01	2.835e-01	-7.845e-02	1.240e-01	-1.580e-01	7.399e-02	-1.481e-01	5.803e-02	-1.306e-01
62	427970	6760750	100	15.0	.203	2	C3	Z	34	0	9.486e+03	5.015e+01	1.472e+00	1.971e+01	1.172e+04	1.714e+04	1.730e+04	1.339e+04	7.716e+03	3.977e+03	2.452e+03	1.539e+03	8.658e+02	4.202e+02	2.109e+02	1.177e+02	5.958e+01	3.117e+01	1.785e+01	9.183e+00	3.791e+00	2.102e+00	1.031e+00	5.431e-01	1.403e-01	2.931e-01	-8.498e-02	1.203e-01	-1.316e-01	3.315e-02	-1.316e-01
63	427970	6760850	100	15.0	.203	1	C3	Z	34	0	3.993e+03	3.829e+01	1.637e+00	7.274e+00	2.274e+04	3.577e+04	3.507e+04	2.558e+04	1.483e+04	7.771e+03	4.483e+03	2.775e+03	1.527e+03	7.562e+02	4.185e+02	2.490e+02	1.310e+02	6.104e+01	3.220e+01	1.843e+01	9.603e+00	4.237e+00	2.379e+00	1.215e+00	7.963e-01	2.245e-01	2.920e-01	-4.512e-02	1.802e-01	-4.786e-02	6.484e-02	-1.703e-01	1.319e-01	-9.689e-02
64	427970	6760850	100	15.0	.203	2	C3	Z	34	0	3.650e+01	1.701e+00	-7.248e-02	7.664e-02	1.183e+00	-3.851e-01	-9.109e-01	-9.743e-02	1.509e+03	3.577e+03	3.560e+03	2.769e+03	1.524e+03	7.548e+02	4.166e+02	2.483e+02	1.304e+02	6.073e+01	3.208e+01	1.836e+01	9.295e+00	4.235e+00	2.284e+00	1.232e+00	7.027e-01	3.182e-01	2.436e-01	1.399e-01	1.261e-01	3.182e-02	4.605e-02	6.780e-02	2.417e-02	5.627e-02
65	427970	6760950	100	15.0	.203	1	C3	Z	34	0	5.012e+03	3.603e+01	1.203e+00	7.801e+00	2.467e+04	3.577e+04	3.513e+04	2.595e+04	1.522e+04	8.084e+03	4.709e+03	2.935e+03	1.623e+03	8.030e+02	4.411e+02	2.602e+02	1.353e+02	6.221e+01	3.292e+01	1.880e+01	9.790e+00	4.530e+00	2.581e+00	1.338e+00	8.908e-01	2.799e-01	3.488e-01	-6.704e-02	8.128e-02	-1.006e-01	9.310e-03	-1.741e-01	9.566e-02	-1.309e-01
66	427970	6760950	100	15.0	.203	2	C3	Z	34	0	6.359e+01	2.616e+00	4.104e-01	1.807e-01	6.246e-02	2.750e-02	5.618e-02	-2.500e-02	1.394e+03	3.577e+03	3.575e+03	2.927e+03	1.624e+03	8.034e+02	4.407e+02	2.604e+02	1.350e+02	6.227e+01	3.263e+01	1.889e+01	9.743e+00	4.693e+00	2.621e+00	1.599e+00	8.146e-01	4.456e-01	2.326e-01	1.514e-01	7.752e-02	1.191e-02	8.264e-03	4.679e-02	3.570e-02	-1.988e-02
67	427970	6761050	100	15.0	.203	1	C3	Z	34	0	6.519e+03	1.788e+00	8.969e-02	7.070e+00	1.330e+04	3.577e+04	3.511e+04	2.582e+04	1.511e+04	8.023e+03	4.703e+03	2.903e+03	1.595e+03	7.833e+02	4.296e+02	2.558e+02	1.364e+02	6.667e+01	3.729e+01	2.281e+01	1.297e+01	6.655e+00	4.083e+00	2.354e+00	1.333e+00	5.350e-01	4.405e-02	7.346e-02	-1.766e-01	1.624e-01	-2.389e-01	1.486e-01	-2.389e-01
68	427970	6761050	100	15.0	.203	2	C3	Z	34	0	6.620e+01	1.079e+00	-9.331e-01	-4.800e-01	-5.694e-01	1.047e+00	4.589e-01	-1.478e-01	1.413e+03	3.577e+03	3.575e+03	2.896e+03	1.595e+03	7.835e+02	4.296e+02	2.558e+02	1.364e+02	6.664e+01	3.727e+01	2.297e+01	1.294e+01	6.796e+00	4.097e+00	2.543e+00	1.445e+00	6.690e-01	3.349e-01	1.747e-01	4.216e-02	1.891e-03	-2.957e-02	4.040e-03	4.968e-03	-1.546e-02
69	427970	6761150	100	15.0	.203	1	C3	Z	34	0	4.586e+03	3.616e+01	1.067e+00	7.030e+00	2.272e+04	3.577e+04	3.334e+04	2.227e+04	1.268e+04	6.576e+03	3.789e+03	2.355e+03	1.310e+03	6.643e+02	3.798e+02	2.367e+02	1.341e+02	7.074e+01	4.250e+01	2.767e+01	1.669e+01	9.134e+00	5.594e+00	3.340e+00	1.981e+00	7.765e-01	5.115e-01	3.939e-02	1.519e-01	-1.418e-01	1.233e-02	-2.496e-01	2.255e-02	-2.032e-01
70	427970	6761150	100	15.0	.203	2	C3	Z	34	0	9.685e+01	2.399e+00	-2.909e+00	3.005e+00	1.793e-01	1.237e+00	2.807e-01	-2.894e-01	2.331e+03	3.577e+03	3.429e+03	2.351e+03	1.308e+03	6.634e+02	3.789e+02	2.360e+02	1.335e+02	7.059e+01	4.242e+01	2.763e+01	1.667e+01	9.299e+00	5.648e+00	3.567e+00	2.033e+00	9.710e-01	5.193e-01	2.934e-01	1.696e-01	6.445e-02	1.093e-02	1.428e-02	-1.610e-02
71	427970	6761250	100	15.0	.203	1	C3	Z	34	0	6.357e+03	2.735e+01	3.059e-01	2.396e+00	1.921e+04	3.577e+04	3.460e+04	2.393e+04	1.345e+04	6.912e+03	3.962e+03	2.453e+03	1.361e+03	6.922e+02	4.018e+02	2.564e+02	1.522e+02	8.613e+01	5.516e+01	3.757e+01	2.357e+01	1.331e+01	8.189e+00	4.949e+00	3.016e+00	1.247e+00	7.498e-01	2.808e-01	1.652e-01	-6.292e-02	6.422e-02	-1.775e-01	1.922e-01	-8.473e-02
72	427970	6761250	100	15.0	.203	2	C3	Z	34	0	3.538e+03	1.461e+00	-1.095e+00	-9.026e-01	-2.806e-01	1.323e+00	1.169e-02	-2.774e-01	2.021e+03	3.577e+03	3.458e+03	2.450e+03	1.352e+03	6.913e+02	3.957e+02	2.518e+02	1.434e+02	7.768e+01	4.664e+01	3.058e+01	1.834e+01	1.026e+01	6.292e+00	3.952e+00	2.460e+00	1.406e+00	6.316e-01	3.564e-01	1.878e-01	3.200e-02	1.142e-02	-1.175e-02	1.914e-02	-1.614e-02	7.291e-03
73	427970	6761350	100	15.0	.203	1	C3	Z	34	0	2.578e+03	3.711e+01	1.776e+00	6.571e+00	2.178e+04	3.577e+04	3.401e+04	2.316e+04	1.311e+04	6.781e+03	3.904e+03	2.425e+03	1.350e+03	6.891e+02	4.004e+02	2.563e+02	1.529e+02	8.647e+01	5.538e+01	3.759e+01	2.363e+01	1.341e+01	8.167e+00	4.988e+00	2.886e+00	1.219e+00	6.385e-01	1.278e-01	1.548e-01	-1.721e-01	-2.380e-02	-2.544e-01	-2.361e-02	-2.275e-01
74	427970	6761350	100	15.0	.203	2	C3	Z	34	0	1.437e+01	-1.178e+00	-9.327e-01	-1.215e-01	5.412e-01	4.358e-01	-3.907e-02	-1.905e-01	2.170e+03	3.577e+03	3.481e+03	2.439e+03	1.357e+03	6.929e+02	4.026e+02	2.574e+02	1.529e+02	8.678e+01	5.549e+01	3.814e+01	2.385e+01	1.361e+01	8.272e+00	5.307e+00	3.000e+00	1.407e+00	7.121e-01	3.043e-01	1.587e-01	5.967e-02	2.502e-02	-5.454e-02	2.739e-03	-2.861e-02
75	427970	6761450	100	15.0	.203	1	C3	Z	34	0	3.124e+03	3.656e+01	1.263e+00	1.995e+01	2.377e+04	3.577e+04	3.234e+04	2.256e+04	1.182e+04	6.598e+03	3.598e+03	2.299e+03	1.363e+03	6.935e+02	4.053e+02	2.592e+02	1.877e+02	1.056e+02	6.521e+01	4.180e+01	2.762e+01	1.680e+01	9.723e+00	5.314e+00	3.254e+00	1.588e+00	8.041e-01	3.564e-01	1.742e-01	9.153e-02	1.614e-02	1.175e-02	-1.614e-02	1.175e-02
76	427970	6761450	100	15.0	.203	2	C3	Z	34	0	9.375e+00	-6.914e-01	1.070e-01	4.805e-01	-7.460e-01	1.708e+00	6.069e-01	-3.038e-02	2.726e+03	3.577e+03	3.363e+03	2.290e+03	1.330e+03	7.336e+02	4.520e+02	3.020e+02	1.864e+02	1.087e+02	7.002e+01	4.794e+01	2.987e+01	1.692e+01	1.028e+01	6.515e+00	3.501e+00	1.573e+00	7.910e-01	2.828e-01	1.352e-01	-7.060e-03	-4.507e-03	-4.519e-02	5.626e-02	-5.299e-02
77	427970	6761550	100	15.0	.203	1	C3	Z	34	0	1.622e+04	-1.838e+02	2.301e+00	1.237e+00	1.940e+04	3.577e+04	3.547e+04	2.687e+04	1.589e+04	8.771e+03	5.413e+03	3.607e+03	2.210e+03	1.272e+03	8.095e+02	5.519e+02	3.445e+02	1.898e+02	1.271e+02	8.517e+01	5.185e+01	3.601e+01	2.035e+01	1.047e+01	5.622e+00	2.427e+00	1.299e+00	3.351e-01	-3.402e-02	8.534e-02	1.564e-01	3.934e-02	-1.195e-01
78	427970	6761450	100	15.0	.203	2	C3	Z	34	0	7.043e+03	-3.316e+00	-1.294e+00	-1.939e-01	-9.883e-01	3.927e-01	4.732e-01	3.488e-02	1.185e+03	3.577e+03	3.443e+03	2.280e+03	1.266e+03	6.850e+02	3.992e+02	2.492e+02	1.428e+02	7.993e+01	4.264e+01	2.506e+01	1.541e+01	8.824e+00	4.681e+00	2.647e+00	1.228e+00	5.969e-01	2.526e-01	1.532e-02	9.537e-03	-3.738e-02	1.525e-02	-2.335e-02
79	427970	6761550	100	15.0	.203	1	C3	Z	34	0	1.256e+04	-4.672e+01	-1.177e+00	7.779e+00	2.497e+04	3.577e+04	2.791e+04	1.856e+04	1.185e+04	7.361e+03	5.023e+03	3.616e+03	2.390e+03	1.465e+03	9.611e+02	6.608e+02	4.089e+02	2.309e+02	1.400e+02	8.998e+01	5.176e+01	2.653e+01	1.501e+01	8.828e+00	4.675e+00	1.857e+00	9.998e-01	3.048e-01	2.123e-01	-8.478e-02	7.321e-02	-1.600e-01	6.038e-02	-1.217e-01
80	427970	6761650	100	15.0	.203	2	C3	Z	34	0	6.781e+03	4.091e+00	-1.662e+00	-1.675e-01	7.062e-01	-6.599e-01	3.417e-01	8.876e-01	8.829e+03	3.577e+03	3.577e+03	3.447e+03	2.385e+03	1.462e+03	9.426e+02	6.594e+02	4.080e+02	2.395e+02	1.586e+02	9.551e+01	5.641e+01	3.052e+01	1.495e+01	8.906e+00	4.654e+00	1.984e+00	1.176e+00	1.223e+00	3.628e-02	4.915e-02	1.176e-02	1.763e-02
81	427970	6761650	100	15.0	.203	1	C3	Z	34	0	1.783e+04	-1.290e+02	-2.731e+00	6.465e+00	2.083e+04	3.577e+04	3.054e+04	2.052e+04	1.324e+04	8.347e+03	5.791e+03	4.253e+03	2.896e+03	1.850e+03	1.256e+03	8.877e+02	5.654e+02	3.271e+02	2.013e+02	1.299e+02	7.390e+01	3.703e+01	2.052e+01	1.189e+01	6.111e+00	2.497e+00	1.249e+00	4.687e-01	3.864e-01	3.398e-02	1.318e-01	-1.047e-01	9.941e-02	-9.021e-02
82	427970	6761750	100	15.0	.203	2	C3	Z	34	0	9.323e+02	7.134e-01	2.241e+00	1.426e+00	-6.843e-01	-5.105e-01	1.178e-02	1.931e-01	2.211e+03	3.577e+03	3.577e+03	3.577e+03	2.883e+03	1.847e+03	1.253e+03	8.866e+02	5.644e+02	3.260e+02	2.006e+02	1.297e+02	7.367e+01	3.703e+01	2.031e+01	1.186e+01	5.889e+00	2.572e+00	1.194e+00	5.973e-01	2.669e-01	-1.062e-01	5.754e-02	1.414e-02	3.823e-02	1.193e-02
83	427970	6761850	100	15.0	.203	1	C3	Z	34	0	1.708e+04	-1.312e+02	-3.827e+00	5.951e+00	2.090e+04	3.577e+04	3.268e+04	2.248e+04	1.418e+04	8.544e+03	5.663e+03	3.991e+03	2.587e+03	1.567e+03	1.024e+03	7.603e+02	4.408e+02	2.529e+02	1.557e+02	1.011e+02	5.822e+01	2.974e+01	1.669e+01	9.454e+00	5.038e+00	1.965e+00	1.113e+00	3.868e-01	2.842e-01	-3.843e-02	6.298e-02	1.076e-01	6.215e-02	-1.796e-01
84	427970	6761750	100	15.0	.203	2	C3	Z	34	0	9.535e+02	1.416e-01	2.143e-01	1.135e-01	6.080e-01	3.080e-01	-4.983e-02	-6.891e-02	1.773e+03	3.577e+03	3.552e+03	2.581e+03	1.563e+03	1.022e+03	7.047e+02	4.400e+02	2.515e+02	1.551e+02	1.008e+02	5.800e+01	2.961e+01	1.642e+01	9.695e+00	4.882e+00	2.092e+00	1.021e+00	5.160e-01	3.254e-01	1.205e-01	7.207e-02	2.671e-02	2.185e-02	2.152e-02
85	427970	6761850	100	15.0	.203	1	C3	Z	34	0	3.380e+03	1.473e+00	-1.461e+00	1.192e+00	2.157e+04	3.577e+04	3.444e+04	2.452e+04	1.520e+04	8.688e+03	5.688e+03	4.082e+03	2.717e+03	1.689e+03	1.142e+03	8.020e+02	4.917e+02	2.595e+02	1.734e+02	1.119e+02	6.371e+01	3.734e+01	2.267e+01	1.108e+01	5.954e+00	2.654e+00	1.558e+00	7.958e-01	3.965e-01	1.315e-01	1.444e-01	1.956e-02	1.444e-02	1.193e-02
86	427970	6761950	100	15.0	.203	2	C3	Z	34	0	2.558e+03	-6.697e-01	-5.597e-01	-7.453e-01	-1.653e-01	6.711e-01	2.741e-01	-1.517e-01	1.354e+03	3.577e+03	3.556e+03	2.565e+03	1.484e+03	9.254e+02	6.091e+02	3.578e+02	1.903e+02	1.114e+02	7.005e+01	3.947e+01	2.013e+01	1.140e+01	6.820e+00	3.612e+00	1.661e+00	8.750e-01	4.501e-01	2.610e-01	1.108e-01	5.221e-02	4.088e-02	5.854e-03	4.818e-02
87	427970	6761950	100	15.0	.203	1	C3	Z	34	0	3.371e+04	1.757e+03	3.198e+01	1.596e+00	1.033e+04	3.577e+04	3.570e+04	2.786e+04	1.672e+04	9.294e+03	5.685e+03	3.719e+03	2.194e+03	1.183e+03	7.014e+02	4.444e+02	2.531e+02	1.308e+02	7.581e+01	4.731e+01	2.679e+01	1.361e+01	7.920e+00	4.610e+00	2.611e+00	1.102e+00	7.324e-01	2.645e-01	3.335e-01	7.526e-02	1.403e-01	-1.221e-01	9.788e-02	-1.435e-01
88	427970	6762050	100	15.0	.203	2	C3	Z	34	0	2.322e+03	-1.455e+00	-1.088e+00	-1.138e+00	-1.573e-01	4.081e-01	-1.573e-01	1.178e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	2.446e+03	1.578e+03	1.026e+03	7.031e+02	4.431e+02	2.515e+02	1.523e+02	9.708e+01	5.250e+01	2.707e+01	1.627e+01	8.711e+00	4.715e+00	2.626e+00	1.297e+00	6.391e-01	3.724e-01	1.552e-01	2.900e-01	8.534e-02	1.335e-02	1.351e-02
89	427970	6762050	100	15.0	.203	1	C3	Z	34	0	3.130e+04	9.187e+02	2.380e+01	1.002e+00	1.440e+04	3.577e+04	3.513e+04	2.570e+04	1.491e+04	7.854e+03	4.560e+03	2.845e+03	1.591e+03	8.149e+02	4.711e+02	2.975e+02	1.697e+02	8.936e+01	5.281e+01	3.326e+01	1.903e+01	9.659e+00	5.619e+00	3.195e+00	1.881e+00	7.808e-01	5.731e-01	1.754e-01	2.277e-01	-9.910e-03	3.140e-01	-1.197e-01	9.859e-02	-1.361e-01
90	427970	6762150	100	15.0	.203	2	C3	Z	34	0	6.686e+03	2.827e+00	-1.750e-01	2.889e+00	-7.478e-01	1.113e+00	4.381e-01	-1.793e-01	1.496e+03	3.577e+03	3.577e+03	3.577e+03	2.583e+03	1.714e+03	1.114e+03	7.653e+02	4.808e+02	2.953e+02	1.687e+02	1.024e+02	5.241e+01	3.328e+01	1.885e+01	9.695e+00	5.457e+00	3.239e+00	1.839e+00	8.492e-01	4.706e-01	2.577e-01	1.579e-01	9.553e-02	5.381e-02	2.736e-02
41	427570	6767450	100	15.0	.203	1	C3	Z	34	0	-1.631e+02	-2.706e+00	7.181e+00	1.943e+04	3.577e+04	3.577e+04	3.526e+04	2.819e+04	1.882e+04	1.136e+04	7.181e+03	4.710e+03	2.696e+03	1.348e+03	7.251e+02	4.143e+02	2.024e+02	8.493e+01	4.087e+01	2.177e+01	1.059e+01	4.490e+00	2.479e+00	1.379e+00	9.336e-01	2.920e-01	3.558e-01	5.714e-02	1.599e-01	-7.177e-02	1.539e-02	-1.596e-01	8.121e-02	-1.553e-01
42	427570	6767450	100	15.0	.203	2	C3	Z	34	0	-9.420e-01	-4.430e-01	-1.082e-01	-4.548e-01	-2.011e-01	1.635e-01	1.833e-01	1.354e-02	1.697e+03	3.216e+03	3.577e+03	3.577e+03	2.676e+03	1.346e+03	7.240e+02	4.134e+02	2.017e+02	8.459e+01	4.067e+01	2.185e+01	1.044e+01	4.626e+00	2.469e+00	1.535e+00	8.277e-01	3.984e-01	2.841e-01	1.355e-01	1.150e-01	1.419e-03	1.950e-02	-7.217e-03	-1.432e-03	-8.451e-03
43	427570	6767550	100	15.0	.203	1	C3	Z	34	0	-1.035e+00	-5.452e-01	-1.417e-02	-3.993e-01	-2.033e-01	1.443e-01	2.080e-01	6.609e-03	1.729e+03	3.577e+03	3.577e+03	3.577e+03	2.678e+03	1.347e+03	7.250e+02	4.137e+02	2.019e+02	8.488e+01	4.089e+01	2.179e+01	1.048e+01	4.645e+00	2.519e+00	1.587e+00	8.436e-01	4.902e-01	3.399e-01	1.271e-01	1.294e-01	5.526e-02	3.841e-02	4.136e-03	-1.312e-02	1.346e-03
44	427570	6767550	100	15.0	.203	2	C3	Z	34	0	-1.671e+02	-1.014e+00	5.489e+00	8.439e+03	3.577e+04	3.577e+04	3.569e+04	2.373e+04	1.408e+04	7.399e+03	4.186e+03	2.514e+03	1.318e+03	6.087e+02	3.180e+02	1.803e+02	9.064e+01	4.088e+01	2.150e+01	1.234e+01	6.709e+00	3.178e+00	2.047e+00	1.067e+00	7.391e-01	2.037e-01	3.191e-01	-2.702e-02	1.126e-01	-9.327e-02	6.008e-02	-1.655e-01	8.276e-02	-1.498e-01
45	427570	6767650	100	15.0	.203	1	C3	Z	34	0	-3.479e-01	1.018e+00	2.197e-01	-1.393e+00	-1.521e+00	-1.679e-02	3.704e-01	7.995e-02	1.835e+03	3.577e+03	3.518e+03	2.508e+03	1.314e+03	6.078e+02	3.162e+02	1.799e+02	9.012e+01	4.061e+01	2.134e+01	1.232e+01	6.648e+00	3.264e+00	1.801e+00	1.218e+00	6.764e-01	3.334e-01	2.076e-01	1.679e-01	9.189e-02	-1.875e-02	4.992e-03	-5.297e-02	-4.588e-03	-6.064e-02
46	427570	6767650	100	15.0	.203	2	C3	Z	34	0	-1.606e+02	-2.569e+00	3.731e+00	3.550e+03	3.577e+04	3.502e+04	2.363e+04	1.455e+04	8.043e+03	4.044e+03	2.277e+03	1.388e+03	7.537e+02	3.700e+02	2.040e+02	1.218e+02	6.519e+01	3.151e+01	1.752e+01	1.055e+01	6.106e+00	2.917e+00	1.685e+00	9.668e-01	6.055e-01	1.490e-01	2.160e-01	-1.404e-01	5.475e-02	-1.163e-01	5.085e-02	-1.530e-01	7.460e-02	-1.715e-01
47	427570	6767750	100	15.0	.203	1	C3	Z	34	0	-2.299e+00	-9.177e-01	-1.070e+00	-9.952e-01	8.885e-02	1.161e+00	6.358e-01	1.593e+03	3.577e+03	3.450e+03	2.259e+03	1.377e+03	7.481e+02	3.670e+02	2.020e+02	1.200e+02	6.446e+01	3.111e+01	1.721e+01	1.070e+01	5.846e+00	3.029e+00	1.714e+00	1.099e+00	6.943e-01	3.171e-01	1.794e-01	4.985e-02	6.816e-02	2.257e-02	4.358e-02	6.157e-02	1.586e-04	5.215e-03
48	427570	6767750	100	15.0	.203	2	C3	Z	34	0	-1.465e+02	-3.300e+00	5.440e+00	8.742e+03	3.577e+04	3.472e+04	2.268e+04	1.423e+04	7.718e+03	3.914e+03	2.217e+03	1.352e+03	7.276e+02	3.487e+02	1.864e+02	1.086e+02	5.588e+01	2.612e+01	1.436e+01	8.534e+00	4.708e+00	2.348e+00	1.397e+00	6.940e-01	5.364e-01	4.899e-02	2.030e-02	-5.096e-02	3.624e-02	-6.630e-02	8.182e-02	-9.688e-02	1.026e-01	-1.132e-01
49	427570	6767750	100	15.0	.203	1	C3	Z	34	0	-6.638e-01	-2.595e+00	-1.861e+00	-6.033e-02	7.965e-01	9.923e-01	1.545e-01	1.895e+03	3.577e+03	3.422e+03	2.215e+03	1.351e+03	7.266e+02	3.477e+02	1.859e+02	1.081e+02	5.565e+01	2.597e+01	1.404e+01	8.421e+00	4.689e+00	2.402e+00	1.355e+00	8.602e-01	4.572e-01	2.650e-01	1.364e-01	8.337e-02	4.766e-02	2.151e-02	1.397e-02	5.655e-03	2.727e-03	-1.551e-02
50	427570	6767850	100	15.0	.203	2	C3	Z	34	0	-1.602e+02	-2.283e+00	1.739e+00	2.177e+03	3.536e+04	3.577e+04	2.762e+04	1.710e+04	9.434e+03	4.702e+03	2.610e+03	1.562e+03	9.201e+02	3.809e+02	1.968e+02	1.112e+02	5.533e+01	2.456e+01	1.308e+01	7.461e+00	4.027e+00	1.975e+00	1.178e+00	5.333e-01	4.420e-01	7.896e-02	2.231e-02	-1.155e-01	8.842e-02	-7.365e-02	7.091e-02	-7.746e-01	1.151e-01	-6.807e-02
51	427570	6767850	100	15.0	.203	2	C3	Z	34	0	-2.183e+00	-2.108e-01	-2.452e-01	1.739e-01	1.110e-01	3.240e-02	6.497e-02	2.030e+02	3.552e+03	3.558e+03	2.603e+03	1.558e+03	8.726e+02	4.787e+02	1.959e+02	1.105e+02	5.488e+01	2.442e+01	1.274e+01	7.410e+00	3.959e+00	1.957e+00	1.110e+00	7.012e-01	4.312e-01	2.685e-01	1.207e-01	5.835e-02	9.714e-02	3.352e-02	6.471e-02	2.495e-02	3.593e-02	1.806e-02
52	427570	6767950	100	15.0	.203	1	C3	Z	34	0	-1.677e+02	-1.664e+00	1.249e+00	4.713e+02	3.286e+04	3.577e+04	2.956e+04	1.792e+04	9.448e+03	4.364e+03	2.248e+03	1.264e+03	6.289e+02	2.840e+02	1.492e+02	8.610e+01	4.386e+01	1.938e+01	9.956e+00	5.378e+00	2.869e+00	1.270e+00	7.939e-01	3.663e-01	2.930e-01	-3.078e-02	8.628e-02	-1.772e-01	6.372e-02	-1.211e-01	1.012e-01	-9.920e-02	2.175e-01	7.494e-02
53	427570	6767950	100	15.0	.203	2	C3	Z	34	0	-4.209e+00	1.719e+00	2.982e+00	2.554e+00	-2.892e-01	-5.779e-01	-8.336e-02	1.018e+02	3.518e+03	3.493e+03	2.242e+03	1.268e+03	6.268e+02	2.830e+02	1.485e+02	8.569e+01	4.326e+01	1.930e+01	9.851e+00	5.485e+00	2.822e+00	1.320e+00	8.399e-01	4.103e-01	1.439e-01	1.579e-01	8.013e-02	2.135e-02	9.167e-02	4.328e-02	-1.629e-02	-2.122e-02	3.152e-02	1.424e-02
41	427570	6768050	100	15.0	.203	1	C3	Z	34	0	-1.635e+02	-8.624e-01	1.213e+00	3.551e+01	2.955e+04	3.300e+04	1.767e+04	9.516e+03	4.811e+03	2.369e+03	1.386e+03	8.877e+02	5.083e+02	2.568e+02	1.388e+02	7.903e+01	3.856e+01	1.623e+01	8.055e+00	4.238e+00	2.369e+00	9.876e-01	6.622e-01	2.356e-01	2.488e-01	1.341e-02	1.590e-01	-8.699e-02	3.742e-02	-1.086e-01	2.954e-02	-1.554e-01	6.267e-02	-1.391e-01
42	427570	6768050	100	15.0	.203	2	C3	Z	34	0	-4.277e+00	-2.462e-01	5.473e-01	1.489e+00	4.914e-02	-1.889e+00	7.305e+02	3.577e+03	3.534e+03	2.364e+03	1.383e+03	8.857e+02	5.066e+02	2.557e+02	1.381e+02	7.859e+01	3.818e+01	1.607e+01	7.878e+00	4.413e+00	2.313e+00	1.127e+00	6.999e-01	3.903e-01	2.050e-01

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SUMMARY

Exploration Licences 2880, "Lake Woorong" and 2881 "Coober Pedy", originally covered areas of 2,638km^2 and 2,858km^2 respectively, and lie south and southwest of Coober Pedy in South Australia. The area was held by Anglo American Exploration (Australia) Pty Ltd and formed part of a significant tenement holding in the region, which included the "Mount Woods Joint Venture" between Goldstream Mining NL (tenure holder) and Anglo American Exploration (Australia) Pty Ltd (project operator). Approximately 13.9% of the project tenure was relinquished at the end of the first year of exploration and a further 904 km^2 and 1,443 km^2 respectively were relinquished on 6th January 2004 (Partial Relinquishment Report March 2004). The remaining areas of EL2880 and EL2881 have now been relinquished.

Field activities were commenced in late 2002 in the search for Proterozoic hosted iron oxide copper-gold deposits of the Olympic Dam and Prominent Hill type, Broken Hill style base metal mineralisation and magmatic related nickel deposits.

Exploration work during 2002 (see Annual Report 2003) was comprised of a comprehensive compilation & review of all previous exploration, regional structural reinterpretation, geological reconnaissance, relogging of several historical diamond drill holes and inspection of RC chips, ground gravity surveying (1,860 stations), nine lines of ground SMARTEM surveying, drill target generation and Aboriginal cultural site clearance work over two potential drill targets. This work was completed in conjunction with significant operations on adjacent tenement areas.

Regional geophysical data obtained during 2002 exploration enabled better definition of some potential target areas, and more detailed ground geophysics over two defined targets resulted in the downgrading of their potential.

During 2003 additional gravity data was collected over two target areas with a total of 158 stations recorded (see Annual Report 2004).

Three main areas were targeted by ground TEM surveying utilising both 100m (in scrubby terrain) and 200m loops. A total of 17 lines were completed for approximately 42.4 line kilometres.

The CP1 Prospect was subjected to an Aboriginal heritage clearance, but was not drilled.

Additional petrographic studies were completed on drill holes located within the TEM and gravity survey areas.

A significant reduction in area of both tenements was been undertaken on 6th January 2004 (Partial Relinquishment Report March 2004).

No field work was conducted during 2004. Subsequent analysis of the data has resulted in the decision to surrender the remaining tenements.

KEY WORDS

Coober Pedy, Coober Pedy 1:250,000 map sheet, Warrina 1:250,000 map sheet, Murloocoppie 1:250,000 map sheet, Billa Kalina 1:250,000 map sheet, Proterozoic, Mount Woods Inlier, Coober Pedy Ridge, Iron oxide-Copper-Gold, Broken Hill style, Magmatic nickel, Base Metals, Gravity, TEM, Geophysical Anomalies, Petrology

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Digital File List (on CD at back of report)

EL2880_2881_2005_F_01_Final_Report.pdf
EL2880_2881_2005_F_02_Figure1.pdf
EL2880_2881_2005_F_03_Figure2.pdf
EL2880_2881_2005_F_04_Figure3.pdf
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EL2880_2881_2005_F_06_Figure5.pdf
EL2880_2881_2005_F_07_Figure6.pdf
EL2880_2881_2005_F_08_Figure7.pdf
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EL2880_2881_2005_F_10_Figure9.pdf
EL2880_2881_2005_F_11_Figure10.pdf
EL2880_2881_2005_F_12_Appendix1_Historical_Drill_Hole_Logs.pdf
EL2880_2881_2005_F_13_Appendix2_Geophysical_Report_2002.pdf
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EL2880_2881_2005_F_35_Appendix9_CP2_all.txt
EL2880_2881_2005_F_36_Appendix9_LW1-2_all.txt

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1.0 INTRODUCTION

This report details all exploration work undertaken on Exploration Licences 2880 "Lake Woorong", and 2881 "Coober Pedy" between 7th January 2002 and 6th January 2005, during the three years of tenure.

Exploration Licences 2880, "Lake Woorong" and 2881, "Coober Pedy", originally covering areas of 2,638km^2 and 2,858km^2 respectively, lie south and southwest of Coober Pedy in South Australia. The area of EL 2880 "Lake Woorong" was reduced at the end of the first year to 1,951 km^2 (Figure 1). Both tenement areas were again substantially reduced by 904 km2 and 1,443 km2 respectively in January 2004 (Figure 3).

Lake Woorong (EL 2880) and Coober Pedy (EL 2881) are centred approximately 100 km west southwest and 30km south of Coober Pedy in the northern Gawler Craton of South Australia (Figure 1). Access is via the sealed Stuart Highway and then via a series of dirt station tracks, many of which become impassable in wet weather.

EL 2880 is situated on the Mabel Creek Pastoral Lease lies within the Coober Pedy (SH 53-6) 1:250,000 map sheet. It originally encompassed a portion of the Tallaringa Conservation Park on the western margin. The portion of the tenement covered by the Conservation Park was relinquished, in January 2003, due primarily to interpreted significant cover sequence thicknesses.

EL2881 is situated on the Mt Clarence and Mount Penhryn Pastoral Leases, and is largely covered by the Coober Pedy Precious Stones Field. The area lies generally within the Coober Pedy (SH 53-6) 1:250,000 map sheet, with small portions of the licence also lying in the Murloocoppie (SH53-2), Warrina (SH53-3) and Billa Kalina (SH53-7) 1:250,000 map sheets.

The Woomera Prohibited Area covers both areas in the large part. The terrain is dominated by generally open gibber plains with areas of bluebush and saltbush in the east and becomes more vegetated with areas of sand dunes in the west, and is drained by a series of generally poorly defined and intermittent creeks.

Field activities were commenced in selected areas in mid 2002, and continued for the remainder of the year, primarily in the search for Proterozoic iron oxide copper-gold deposits of the Olympic Dam and Prominent Hill type and intrusive related nickel deposits. During late 2002 potential for Broken Hill style base metal mineralisation was also recognised. See Figure 2 for Prospect areas.

Exploration work in the first year of the tenement was comprised of data compilation & review of previous company and Government exploration, a detailed structural interpretation of the region, geological reconnaissance, 1860 stations of ground gravity surveying, 9 lines of ground SMARTEM surveying, inspection of previous company drill core, drill target generation, and Aboriginal cultural site clearance work. Areas of the tenement affected by these activities are illustrated in Figure 4. Planned drilling was not completed during this period, as a reassessment of SMARTEM data indicated no anomalism associated with the potentially prospective mafic intrusives.

Exploration work in the second year of the tenement was comprised of 158 stations of ground gravity surveying, 17 lines of ground TEM surveying, petrographic studies of previous company drill core, re-evaluation of potential drill targets and completion of Aboriginal cultural site clearance work.

2.0 TENURE

Exploration Licence 2880 (Lake Woorong) and 2881 (Coober Pedy) were granted to Anglo American Exploration (Australia) Pty Ltd on 7th January 2002 for a period of 12 months, and renewed in 2003 with a reduction in area for a further 12 months. A second renewal for a further 12 months, including a partial relinquishment of both EL 2880 and EL 2881, was granted to 6th January 2005 (Figure 3). The tenements now cover areas of approximately 1054 km^2 and 1419 km^2 respectively.

3.0 PREVIOUS EXPLORATION

Exploration for iron ore in the Coober Pedy region was undertaken by Delhi Petroleum during 1962-1965, with more extensive base and precious metal exploration, and minor uranium and diamond exploration being carried out by Newmont Ltd (1970-1977), CRA Exploration (1981-1995), BHP Minerals (1991-1995) and WMC Resources (1995-2000), in joint venture with BHP Minerals.

As there is no basement outcrop within the tenement areas, all previous exploration has been strongly controlled by geophysics. Some drilling (principally utilising Rotary Mud/Percussion) of geophysical basement targets under cover was completed but no mineralisation of note was intersected. Extensive regional RC drilling was also completed by PIRSA as part of the South Australian Steel and Energy Project on the Phillipson and Coober Pedy 1:100,000 map sheets (1995).

During 2001 Anglo American Exploration (Australia) Pty Ltd completed a comprehensive review and compilation of previous work and identified the potential of the area for craton margin magmatic nickel deposits together with a number of aeromagnetic and gravity targets with potential for iron oxide copper-gold style mineralisation. Applications for the licence areas were submitted in September 2001.

4.0 REGIONAL GEOLOGY

The Lake Woorong and Coober Pedy exploration licences cover substantial portions of the Palaeoproterozoic Coober Pedy Ridge, an east-northeast trending magnetic block of variable magnetic intensity separating the Mount Woods Inlier to the southeast from the Mabel Creek Inlier to the north. These three terranes abut an interpreted Archaean age cratonic area to their south and west. The area contains major regional structures (including the Karari Fault Zone) and is traversed by a several prominent northwest trending structures along which significant thicknesses of Permian sediments have been deposited.

Basement outcrop in the region is generally restricted to the Mount Woods Inlier to the east and southeast of the tenements, and limited outcrop of Gawler Range Volcanics and Archaean Gneisses to the south and southwest of the areas.

The Mount Woods Inlier comprises high grade Palaeoproterozoic metasedimentary rocks (amphibolite to granulite facies quartzo-feldspathic gneisses, meta-iron formations, quartz-feldspar-biotite schists, metaquartzites, calc-silicates and forsterite marbles) intruded by syn- to post tectonic

granitoids, (eg, the Balta Granite, a polyphase Hiltaba Granite equivalent, comprising non-foliated brick-red granite, porphyritic granites and hybrid granites) and is covered by Mesozoic and Tertiary sedimentary cover. The metasediments are characterised by an intense magnetic response in regional aeromagnetic data, which reflects a combination of magnetite rich precursor sediments including BIFs, magnetite alteration, and interpreted probable mafic intrusive bodies. The Inlier is bounded by major shear zones, the most prominent of which is the Karari Fault Zone, which bounds the east-west trending Coober Pedy Ridge.

To the north, the Coober Pedy Ridge is separated from the Mabel Creek Ridge by the Permian Tallaringa Trough, and the cover thickness increases markedly. To west cover thickness also increase due to the presence of Permian and some Cambrian sediments, and increased thickness of Mesozoic cover. Previous exploration has shown that the cover sequences, generally comprising Cretaceous sediments of the Cadna-Owie Formation, Algebuckina Sandstone and the Bulldog Shale, which are in turn overlain by Tertiary, Quaternary and recent cover, typically ranges from 40-100m deep over the southern and central portions of the tenement area, with deeper basement in the north and west of the tenement.

5.0 EXPLORATION ACTIVITIES

Following a review of previous exploration, including available public domain geophysical data sets, supplemented by geological reconnaissance on adjoining tenements, it was decided that detailed ground geophysical surveys were required to better define targets under cover. Initial focus was on potential for magmatic nickel and iron oxide copper-gold mineralisation in the Palaeoproterozoic basement, but following acquisition of ground gravity and EM survey data and further interpretation of previous exploration data, potential for Broken Hill style base metal mineralisation was also recognised.

Prospect areas referred to below are illustrated on Figure 2.

As the basement geological data for the area is poorly known, several historical drill holes were re-logged, in 2002, to establish an initial geological understanding of the region. Unfortunately the majority of drill holes on the Coober Pedy Ridge are Percussion/RC and interpretation of the small chip samples is difficult. Available diamond drill holes CD93009, DD87LR02, DD88LR19, DD88LR20, DD89LR21, DD89LR22 and DD89LR24 were re-logged with summary drill logs included as Appendix 1. Drill hole locations are presented in Figure 5.

Brief petrological descriptions of drill chips obtained from CR91022 and CR93002 were undertaken. In addition, drill core from an historical drill hole (DD87LR02) was examined petrographically to ascertain the potential prospectivity of this area. A small gravity survey was completed over the latter area and no significant anomaly was observed. All petrographic descriptions are included as Appendix 4. Drill hole locations are presented in Figure 5.

A comprehensive interpretation of the regional structural framework of the area was undertaken by Leigh Rankin, during 2003, utilising all available geophysical datasets and with geological input where available. Several potential target areas were defined, principally for IOCG style mineralisation. This target type has however been downgraded due to recognition of the extremely strong structural fabric of the Coober Pedy Ridge probably having been developed post formation of

this deposit style and hence potentially "smearing" the deposit over a significant strike extent. The interpretation of the licence areas in this report is included as Figure 6.

Two potential geophysical targets for nickel sulphide deposits were defined as a result of the comprehensive data review and geological reinterpretation, and cultural site clearance work with the Antakirija Native Title Claimant Group was successfully completed over these target areas in mid-September 2002.

A total of 1,860 gravity stations on a 400m x 800m and 400m x 1,600m grid (some infilling previous company gravity surveys) were collected by Fugro Ground Geophysics as part of a much larger survey on the Mount Woods Joint Venture tenements. This has resulted in a significant increase in data quality in the area.

Nine ground SMARTEM survey lines were completed by Quadrant Geophysics using a 200m x 200m loop. The SMARTEM did not generate any strong targets for follow up. The survey showed the overburden thickness to be variable and a general trend of increasing thickness towards the east was observed. It is not thought that the conductive cover would have obscured any bedrock conductive responses present within the depth range for economic exploration.

Details of the ground geophysical surveys undertaken are contained in Appendix 2 and the digital data is in Appendix 3.

Cultural site clearance work with the Antakirinja Native Title Claimant Group was successfully completed over the CP1 target area in early July 2003. Subsequent TEM work on this prospect area downgraded its potential and no drilling was undertaken.

A total of 158 gravity stations on a 400m x 800m grid (some infilling previous company gravity surveys) were collected by Haines Geophysics, during 2003, as part of several prospect and regional surveys on the Mount Woods Joint Venture tenements (Figure 7; Appendix 5). This has resulted in a significant increase in data quality in the area. A large portion of the data was collected over the CP1 Prospect area to better define the strong gravity feature observed in more wide spaced data.

Six ground TEM survey lines (lines 17-22) were completed by Solo Geophysics, during 2003, using a 200m x 200m loop over the CP2 Prospect area (Figure 8; Appendix 6). Approximately 12 line kilometres of survey were completed. This area contains a weak gravity anomaly and has previously been the subject of a substantial degree of aircore drilling by BHP Minerals (Dingo Prospect). The TEM did not generate any targets for follow up. The survey showed the overburden thickness to be variable. It is not thought that the conductive cover would have obscured any bedrock conductive responses present within the depth range for economic exploration.

Five ground TEM survey lines (lines 7-10, 14) were completed by Solo Geophysics, during 2003, using a 200m x 200m loop over the CP1 Prospect area (Figure 9; Appendix 7). Approximately 12.4 line kilometres of survey were completed. This area contains a very strong gravity and magnetic anomaly and has been interpreted as a gabbroic intrusive. Previous drilling in the area (both Company and PIRSA) did not intersect the interpreted mafic body. The initial north-south TEM traverses generated an anomaly, which appeared to be possible due to a significant Permian palaeochannel located on the western margin of the area. A subsequent east-west line confirmed that this was probably the source of the anomaly and proposed drilling was not completed. It is not thought that the conductive cover would have obscured any bedrock conductive responses present within the depth range for economic exploration.

Six ground TEM survey lines (lines 1-6) were completed by Solo Geophysics, during 2003, using a 100m x 100m loop over the LW1-2 Prospect area (Figure 10; Appendix 8). The smaller loop size was employed in this area due to thick mulga bushland. Approximately 15.2 line kilometres of survey were completed. This area contains strongly variable magnetic signature and some weak (but poorly constrained gravity features combined with some previous evidence of potential BHT style mineralisation. The TEM did not generate any targets for follow up, although some anomalies were obtained and interpreted to be due to surficial features. The survey showed the overburden thickness to be variable. It is not thought that the conductive cover would have obscured any bedrock conductive responses present within the depth range for economic exploration.

All TEM data is included as Appendix 9.

6.0 EXPENDITURE

Expenditure for the full tenure year to 6th January 2005 is summarised below –

Description	Lake Woorong E.L. 2880	Coober Pedy E.L. 2881
Staff Salaries & wages	$0	$0
Contract & Consulting Geologists, Field Assistants	$5,532	$8,642
Safety, Health and Environment	$0	$0
Aboriginal cultural clearance survey	$0	$0
Ground geophysical surveys	$0	$0
Geophysical Consultants and Interpretation	$0	$0
Analytical Costs	$107	$107
Communications	$79	$110
Printing and Digital Data	$0	$0
Tenure Maintenance	$0	$0
Field Expenses	$242	$254
Travel & accommodation	$52	$92
Vehicle hire/fuel/maintenance	$188	$571
Administration overheads @ 15% of above	$929.85	$1,466.05
TOTAL	**$7,129.85**	**$11,242.05**

7.0 CONCLUSIONS AND RECOMMENDATIONS

EL's 2880 and 2881 cover the Coober Pedy Ridge, an area considered prospective for magmatic nickel, Proterozoic iron oxide copper-gold and Broken Hill base metal styles of mineralisation. Regional geophysical data obtained during current exploration has enabled better definition of some potential target areas, and more detailed ground geophysics over two defined targets has resulted in downgrading of their potential. Assessment of adjacent areas has significantly downgraded the potential of the area for hematite rich IOCG mineralisation in the area, and this was reflected by the

substantial reductions in the 2004 renewal areas. Subsequent analysis of the data has resulted in the decision to surrender the remaining tenements.

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400000 mE

450000 mE

6800000 mN

Coober Pedy

Relinquished Area

E.L.2881

E.L.2880

6750000 mN

Anglo American Exploration (Aust)

Coober Pedy Project
E.L.2880 & E.L. 2881
Location Plan

Date: 16/3/2003
Author: AMB
Office:
Drawing:
Scale: 1:650000 Projection: AMG Zone 53 (AGD 66)

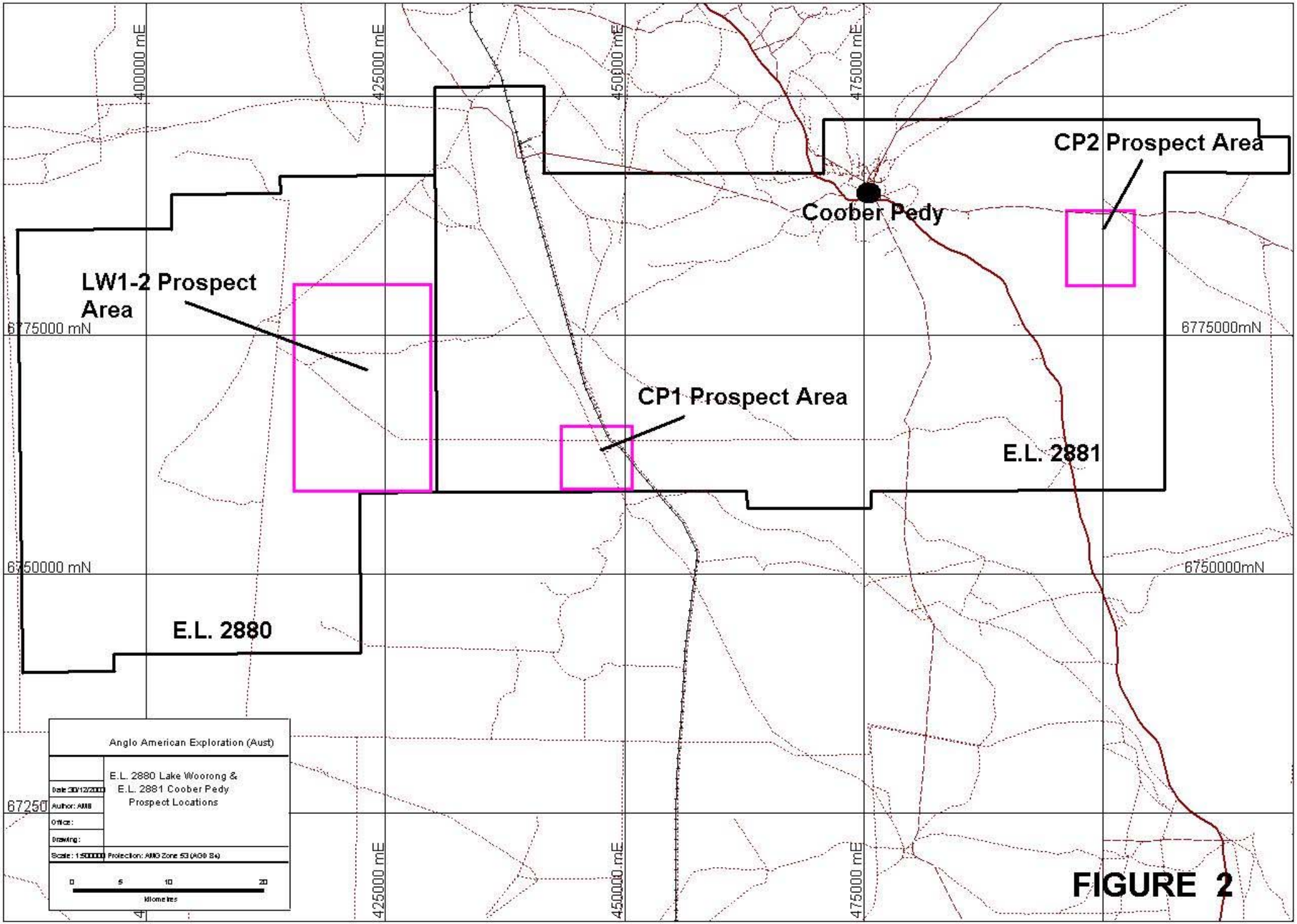
5 0 5 10
kilometres

400000 mE

450000 mE

6700000 mN

FIGURE 1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425000 mE
450000 mE
475000 mE
CP2 Prospect Area
Coober Pedy
LW1-2 Prospect Area
6775000 mN
6775000mN
CP1 Prospect Area
E.L. 2881
6750000 mN
6750000mN
E.L. 2880
Anglo American Exploration (Aust)
E.L. 2880 Lake Woorong &
E.L. 2881 Coober Pedy
Prospect Locations
Date: 30/12/2000
Author: AMB
Office:
Drawing:
Scale: 1:500000
Projection: AMG Zone 53 (AGD 84)
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5
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kilometres
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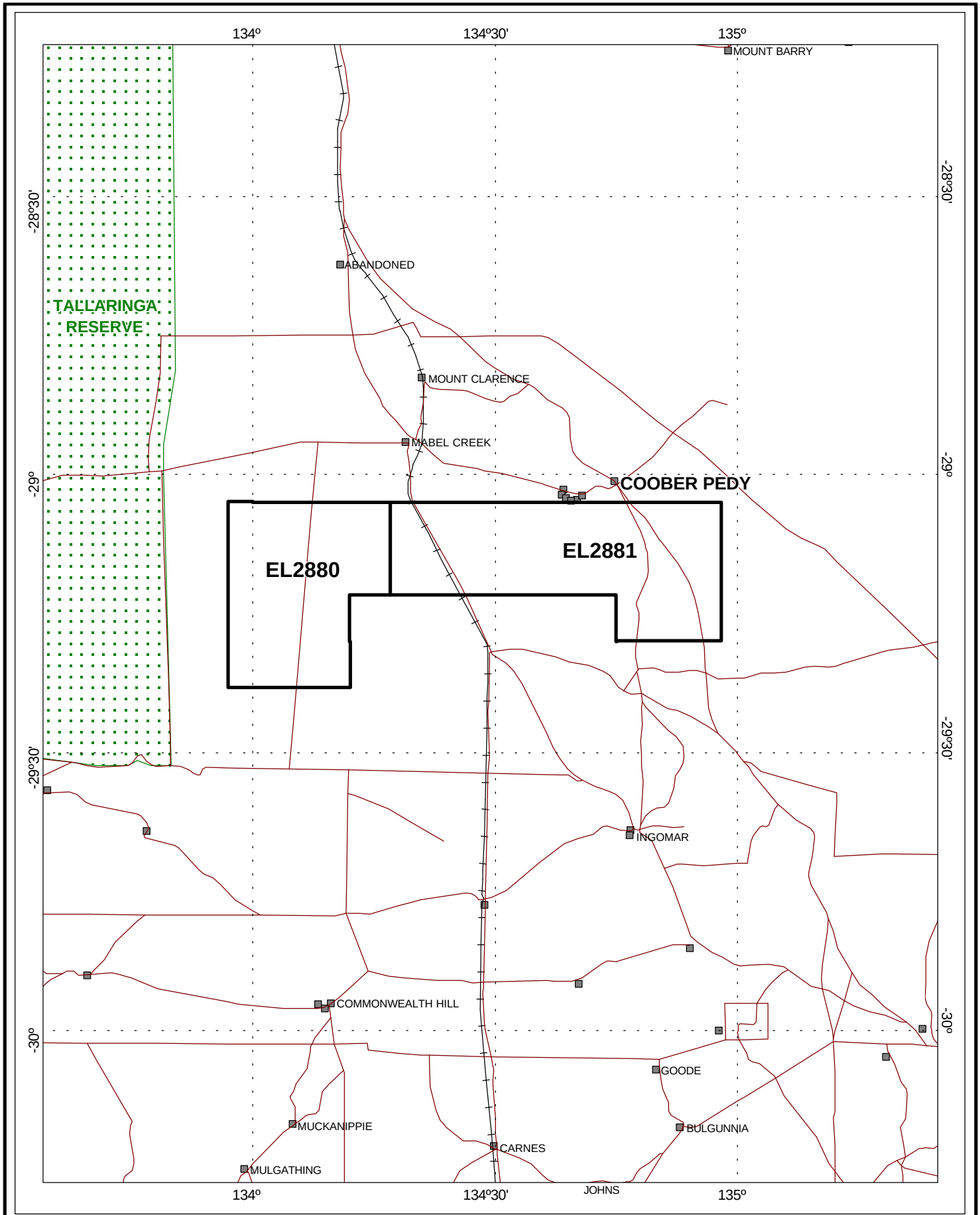
450000 mE
475000 mE

FIGURE 2



LOCATION MAP

N
W E
S

0 20 40
kilometres

ANGLO AMERICAN

REGION: GAWLER

PROJECT: COOBER PEDY

DRAWING No: AUS_SA_COO_TN_12534.WOR

AUTHOR: C Tomich

COMPILED BY: C Lucy

DATE: 21/12/2004

PROJECTION: Long/Lat (WGS 84)

SCALE: 1:1,000,000

Figure 3
EL2880 & EL2881
SURRENDERED TENEMENT
LOCATION PLAN

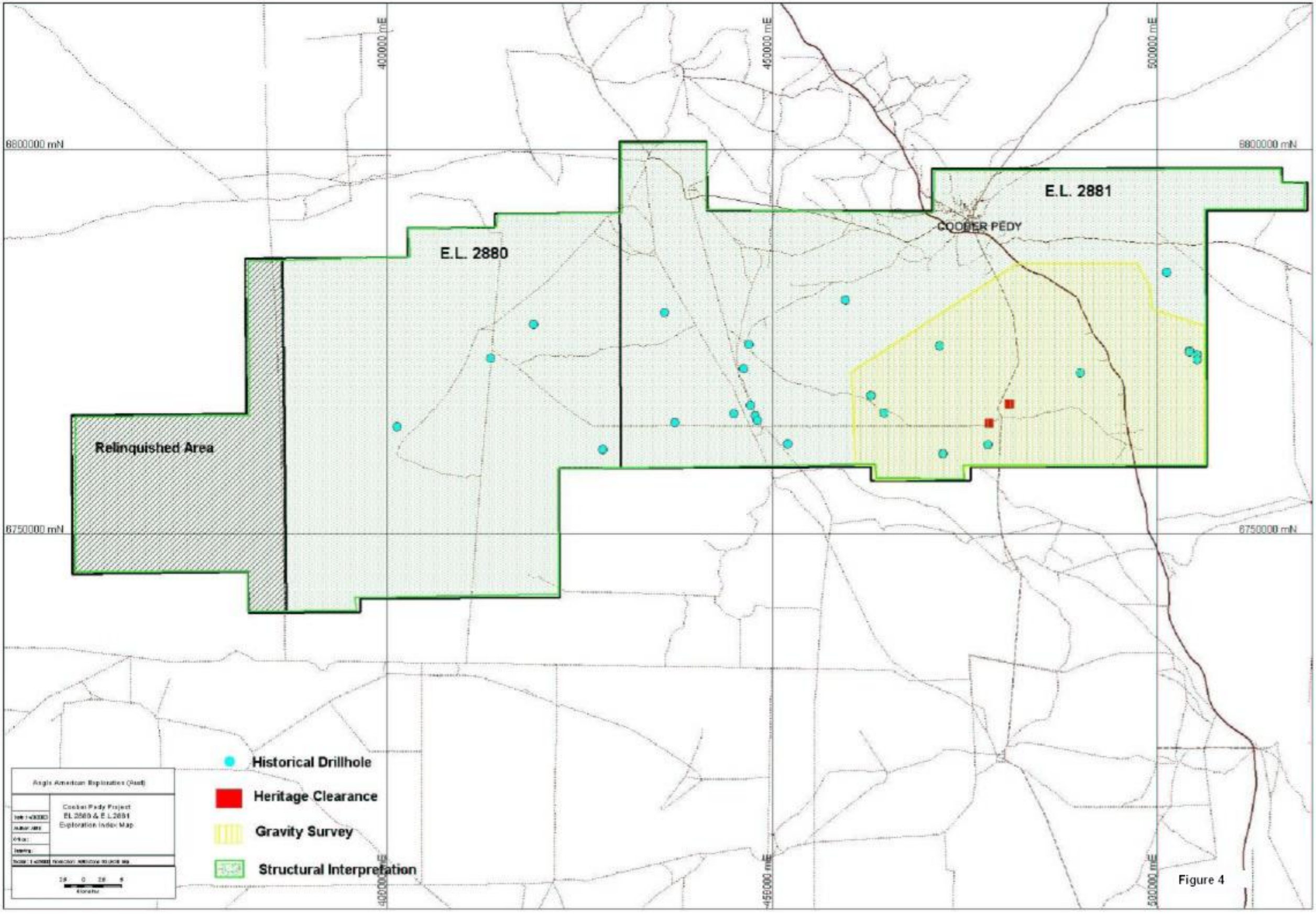

400000 mE
450000 mE
500000 mE
6800000 mN
6750000 mN
E.L. 2881
COOBER PEDY
E.L. 2880
Relinquished Area
Historical Drillhole
Heritage Clearance
Gravity Survey
Structural Interpretation
Anglo American Exploration (Aust)
Coober Pedy Project
EL 2880 & E.L.2881
Exploration Index Map

Figure 4

400000 mE

450000 mE

500000 mE

6800000 mN

6760000 mN

E.L. 2880

E.L. 2881

CR9122

CR9119

CR9112

CR9106

CR9113

CR9110

CR9125

CR9134

DD89LR21

DD88LR19

DD88LR20

DD89LR24

DD89LR22

DD87LR3

PHN15

CD93009

PHN05

PHN13

DD87LR02

CR9215

PHN28

CR9205

CR9116

CPY9

PD89LR27

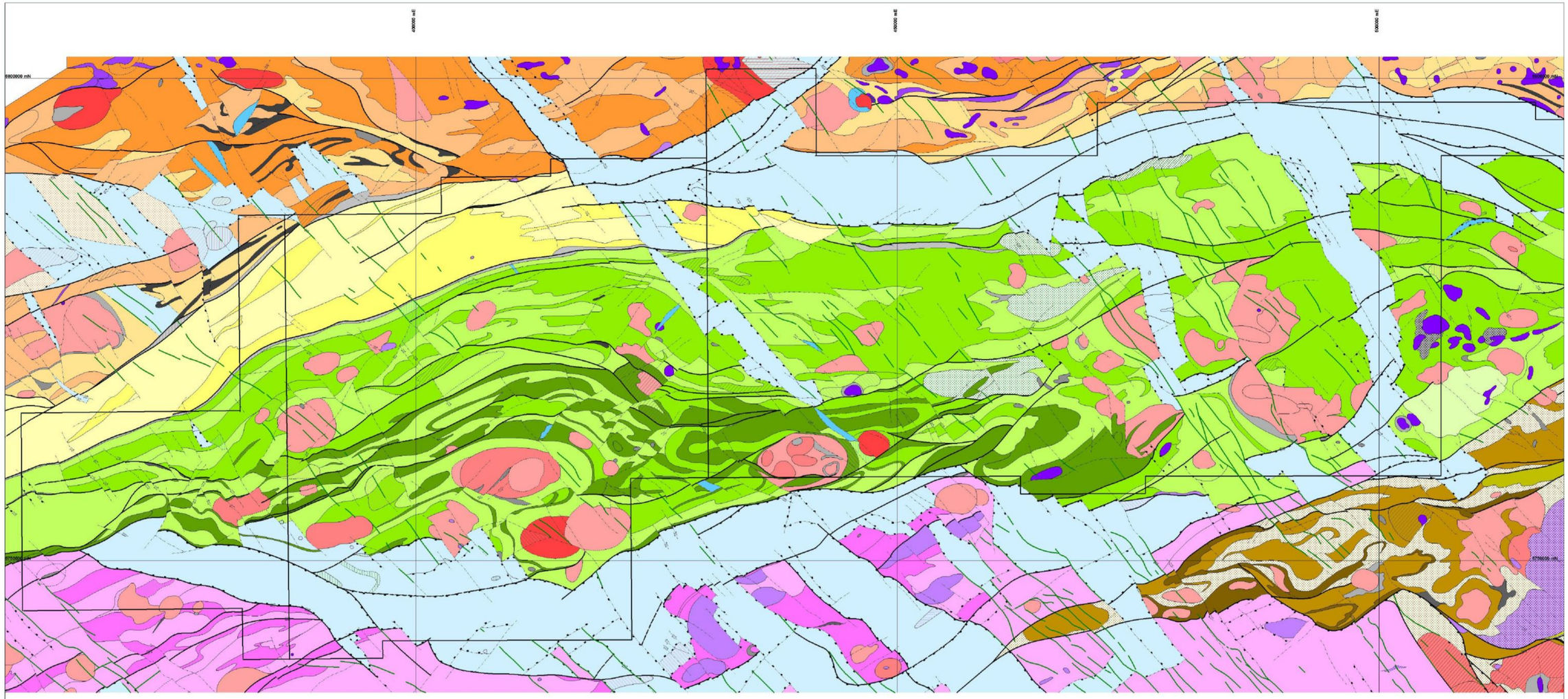
Anglo American Exploration (Aust)

COOBER PEDY PROJECT
E.L.2880 & E.L.2881
Historical Drillhole Inspections

Inspected Drillhole Location

Relogged Drillhole Location

Figure 5



MAP NOTES:

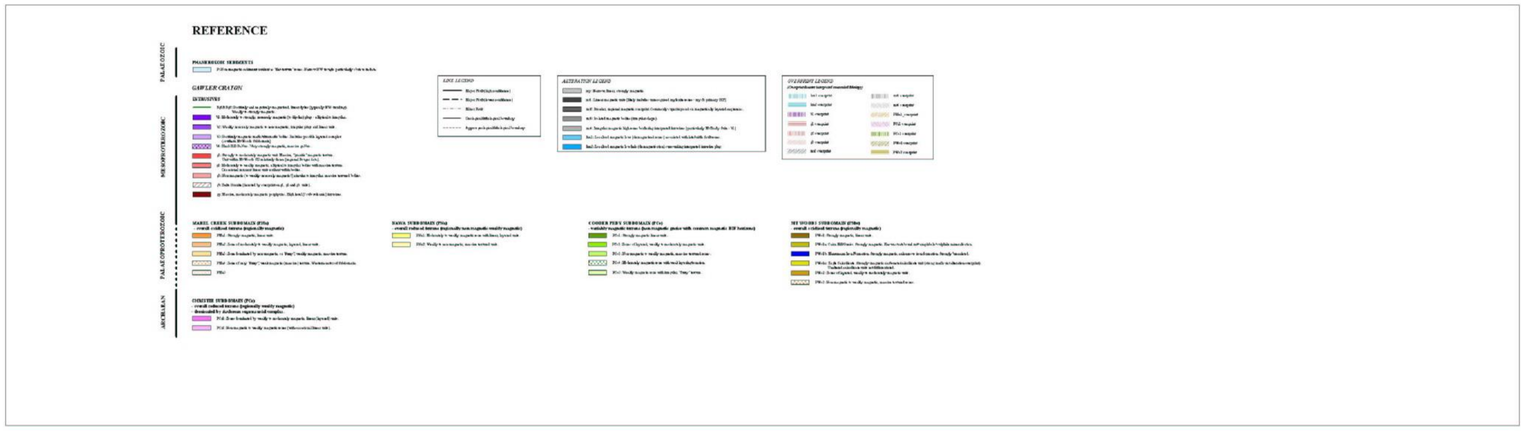
1. Maps comprised as hardcopy at 1:10000 scale from combined detailed and regional airborne magnetic data, plus confidential in-house gravity data set.
2. Basement domain subdivisions based on magnetic domain texture, plus known geology (PIRSA data bases). Extent and boundaries of domains subjectively approximate and inferred.
3. Lithological interpretation based primarily on magnetic characteristics plus known outcrop and drillhole geology. Note: Common ambiguities in the TMI response of numerous lithologies and interpretation of interpreted lithologies.

   Lithological interpretation in therefore approximate only.
4. Maps digitally captured from scanned originals using Magmap 6.6, Discover 3.60 and GeoSoftMap 2.2.10.
5. No field verification was conducted in the project. Results to be considered a conceptual interpretation.

Anglo American Exploration (Aust)	
Date: 14/5/2010	COOBER PEDY PROJECT E.L. 2880 AND E.L. 2881 Regional Structural Interpretation
Author: L.R	
Office:	
Drawing: G.M.R.	
Scale: 1:50000	Projection: AMG Zone 53 (AGD 66)

2.5 0 2.5 5
Kilometres

6700000 mN



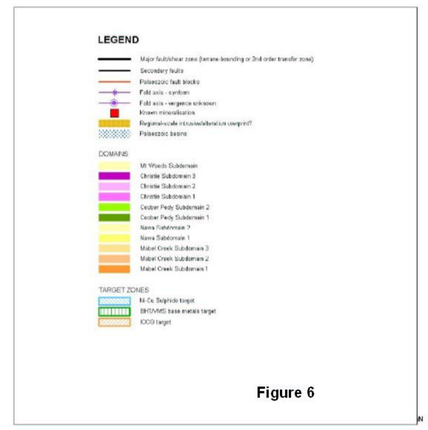


Figure 6

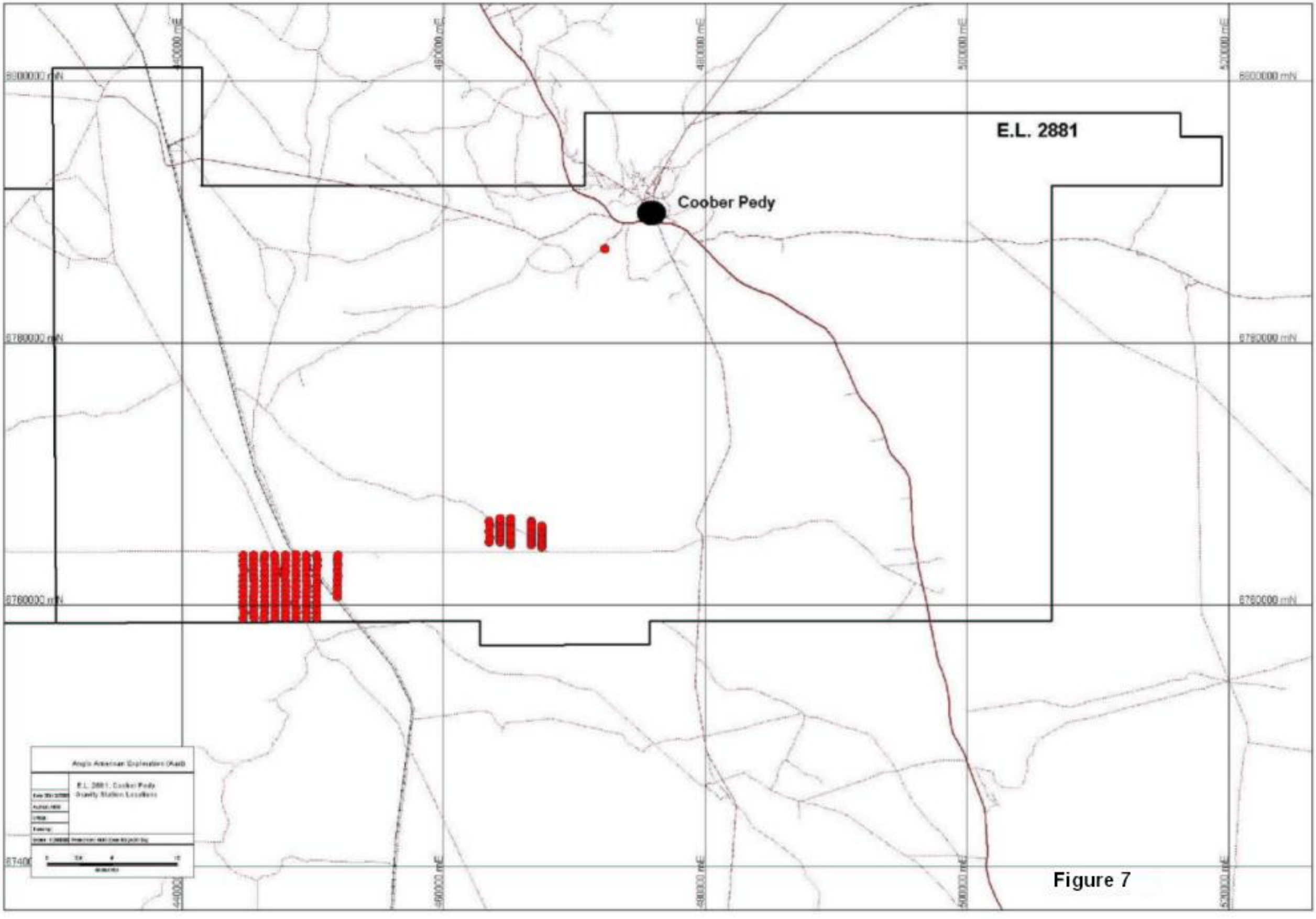

E.L. 2881
Coober Pedy
6800000 mN
6780000 mN
6760000 mN
6740000 mN
440000 mE
460000 mE
480000 mE
500000 mE
520000 mE
Anglo American Exploration (Aust)
E.L. 2881, Coober Pedy
Gravity Station Locations

Figure 7

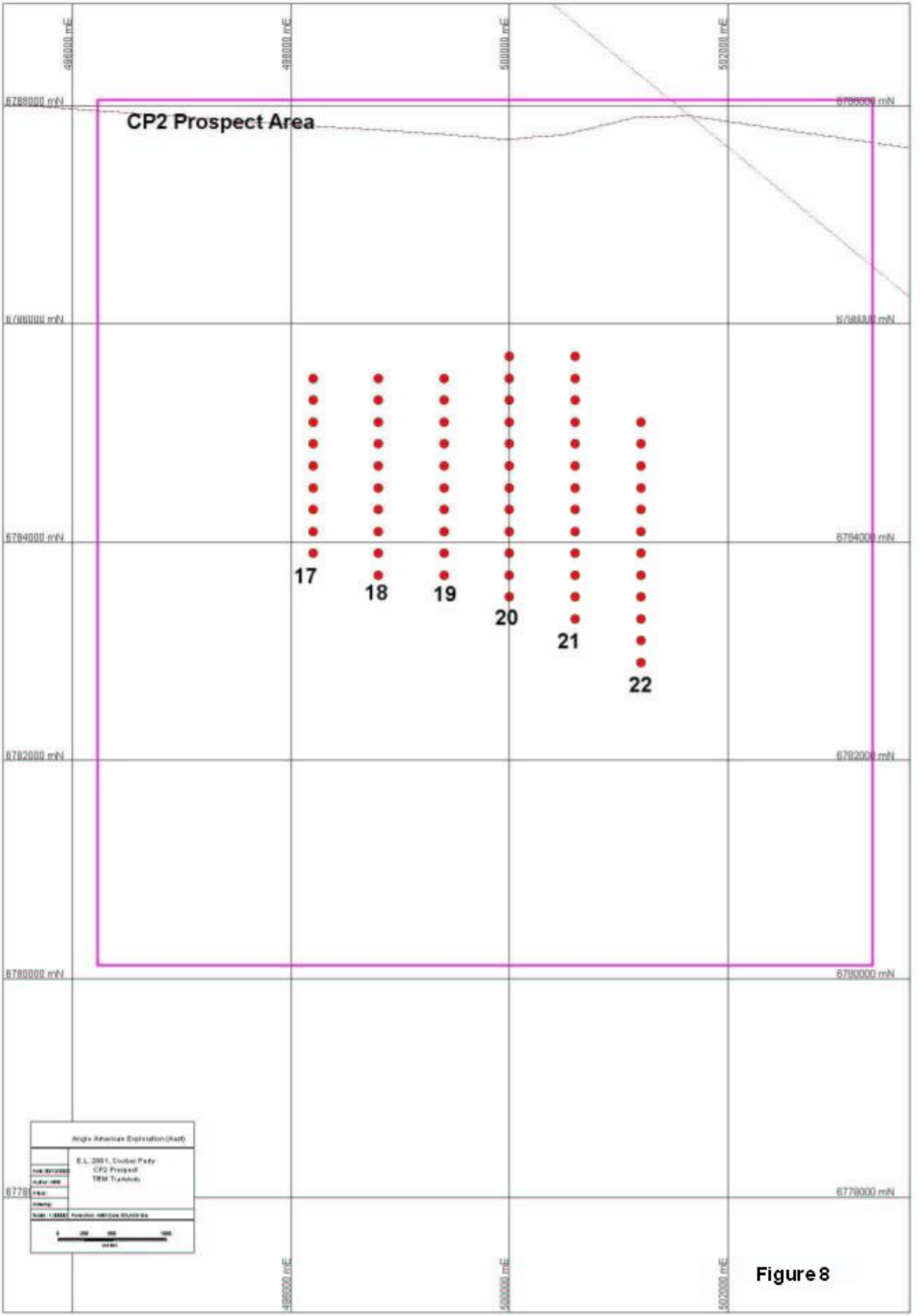

498000 mE
498000 mE
500000 mE
502000 mE
6788000 mN
CP2 Prospect Area
6786000 mN
6784000 mN
17
18
19
20
21
22
6782000 mN
6780000 mN
6778000 mN
Anglo American Exploration (Aust)
E.L. 2881, Coober Pedy
CP2 Prospect
TEM Transients

Figure 8

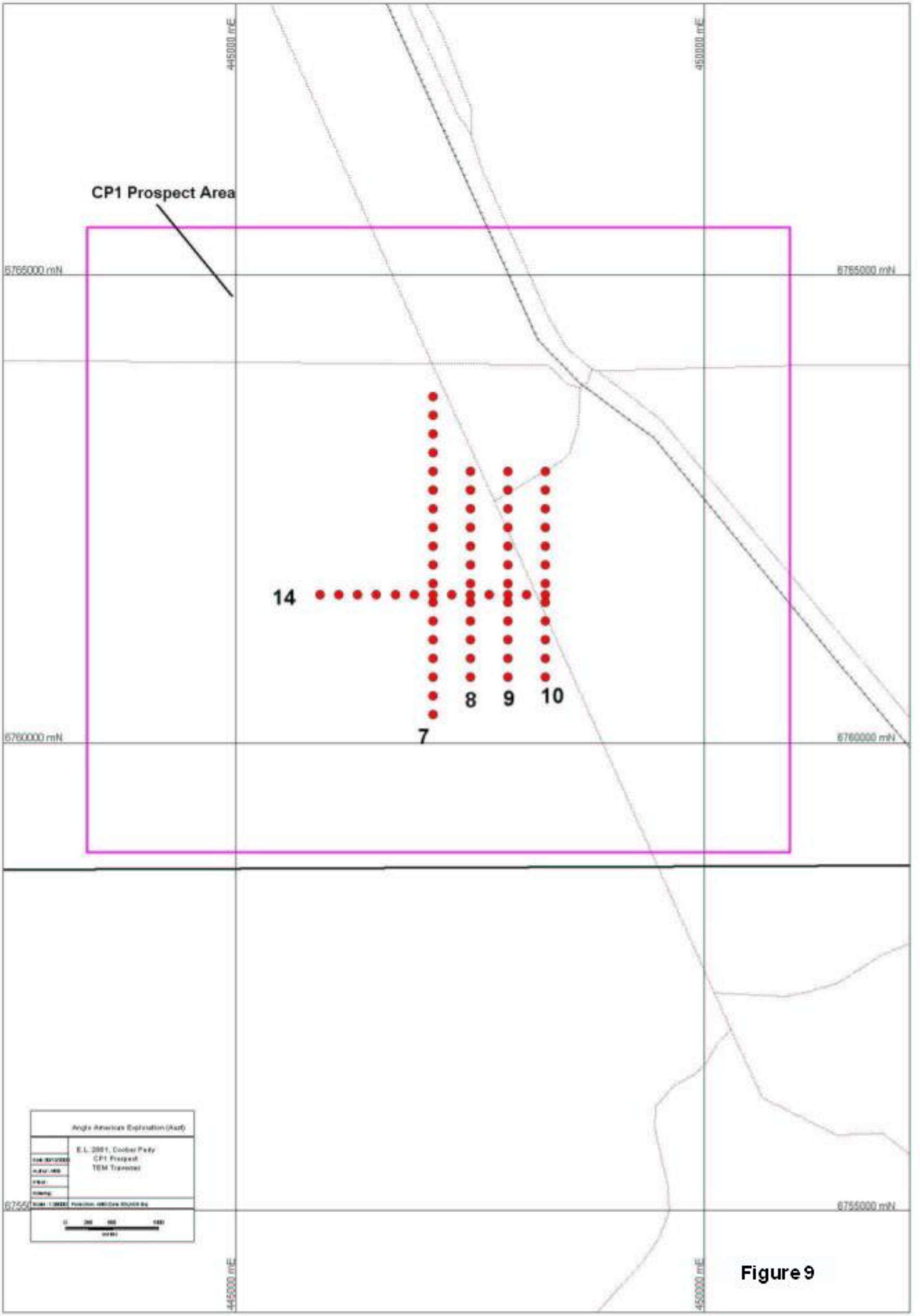

445000 mE
450000 mE
CP1 Prospect Area
6765000 mN
6765000 mN
14
8
9
10
7
6760000 mN
6760000 mN
6755000 mN
445000 mE
450000 mE

Figure 9

E.L.2880

E.L. 2881

LW1-2 Prospect Area

1

2

3

4

5

6

Figure 10

APPENDIX 1

HISTORICAL DRILLHOLE LOGS

COOBER PEDY PROJECT

DRILL HOLE RELOGGING OF SELECTED CORED DRILLHOLES ON THE COOBER PEDY RIDGE

G.TEALE
A.BREWER

February, 2003

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CD93009

Core interval inspected: 72.00m – 224.00m (E.O.H.)

72.00m – 87.50m

Green coloured, calc-silicate altered, magnetite-rich gneisses. Some crosscutting, red felsic sweats" present. Magnetite bands and "patches" are common.

87.50m – 165.90m

Monotonous banded to massive, magnetite-rich felsic gneisses. Generally fine grained, steel grey with some red K-feldspar-rich bands. Becomes more garnet-rich towards base. Layering can be perpendicular to C.A. through to parallel to C.A.

165.90m – 181.50m

Arbitrary upper boundary. This domain tends to be relatively garnet-rich, magnetite-feldspar-quartz gneiss. May contain rare sillimanite. The garnet tends to be porphyroblastic and can also develop as garnet-rich domains or "patches.

181.50m – 193.00m

Garnet-poor to absent; abundant K-feldspar-rich pegmatite sweats in a magnetite-rich (grey) felsic gneiss. Layering ~ 45º to C.A.

193.00m – 205.50m

Unusual, white-grey coloured plagioclase-quartz-magnetite gneiss (garnet-absent). Coarse grained and has some "green" alteration. Magnetite is patchy and occurs as aggregates and schlieren. Some unusual crosscutting garnet alteration sited within K-feldspar-rich alteration or "sweats".

205.50m – 224.00m

Garnet-rich and only moderately magnetic. Garnet can make up to 70% of the rock in some instances. Unusual garnet-quartz-K-feldspar-rich sweats that contain coarse grained (~ 1cm) garnet. Cordierite possibly present in some areas (e.g. 220.10m). The garnet developed here appears "post-tectonic" and may be alteration phenomena.

E.O.H.

DD87LR2

Core interval inspected: 77.90m – 202.70m
(Tray 1) – not dissimilar to CD9309.

77.90m – 202.70m
Monotonous sequence of feldspathic, meta-pelitic gneisses that contain abundant magnetite. Of interest are the following:

- Sillimanite is common at the top of the hole and garnet and cordierite become more prolific with depth.

- Clinopyroxene may be present towards the bottom of the hole.

- Garnet "sweats" similar to that observed in CD9309 are present (e.g. ~136m).

- Garnet-rich rock (similar to CD9309) is also present (e.g. 143.60m).

- K-feldspar-rich sweats often are flanked by garnet and cordierite-rich rocks. The latter can be purple in colour.

- Bands of magnetite-quartz-feldspars with unusual textures are present (e.g. 164.10m). These textures are similar to what has been observed in the Christie Iron Formation.

- The gneissic layering can be parallel to the C.A. through to 45º to C.A. The hole essentially drilled down dip.

- K-feldspar ± quartz ± garnet ± plagioclase ± cordierite ± biotite can occur as lenses parallel to gneissosity or as crosscutting, but high T, domains.

- The gneisses are a red-grey in colour. They are also not dissimilar to the felsic sillimanite gneisses that occur in the Cairn Hill area.

- Gneisses from CD9309, LR1 and LR2 are all the same "unit'.

DD88LR19

CORE INTERVAL INSPECTED: 90.0M-240.4M

90m-100.0m
Extremely oxidised/weathered apatite-calcite-magnetite-diopside skarn (up to 2% P).

100.0m-118.9m
"Normal" serpentine marble; minor magnetite, generally even grained, medium; probably an olivine-diopside-spinel marble initially.

118.9m-123.0m
Syenodiorite; highly contaminated and fractured; domains of blue quartz-K-feldspar.

123.0m-153.1m
Extremely coarse-grained skarn. Variable mineralogy with extremely coarse grained monomineralic diopside skarn at top and bottom of this "unit" (abutting intrusive). Very coarse grained magnetite-calcite (e.g. 135m-136m); abundant phlogopite-calcite-diopside-magnetite skarn. Monomineralic diopside zone from 139m-142m. Red-pink calcite developed.

153.1m-155.5m
Brecciated, fractured coarse grained "syenite".

155.5m-169.5m
Coarse to medium grained phlogopite-diopside- magnetite ± calcite skarn. Some very coarse grained magnetite-calcite-diopside "patches".

169.5m-173.8m
"Syenodiorite"; brick-red and felsic: fine to medium grained; unusual K-feldspar-rich schlieren. This rock-type also occurs in LR20 and was called a layered K-rich "rock".

173.8m-184.8m
Magnetite-rich skarn. Interlayered serpentine marble in places (unusual layering). Minor very coarse phlogopite crystals and diopside crystals.

184.8m-188.9m
Pure, grey-pink, marble.

188.9m-198.8m
Magnetite skarn; magnetite content >50% often magnetite-pyrite ± chlorite ± serpentine.

197.8m-198.8m
Thin, highly contaminated syenite.

198.8m-213.0m
Magnetite-rich skarn; some coarse grained diopside ± phlogopite, abundant crosscutting pyrrhotite - chalcopyrite veinlets. Magnetite skarn here developed on gabbro.

DD88LR19 cont'd.

273.0m-240.4m

Medium grained gabbro, with chilled upper contact. Rare fragments of massive diopside incorporated.

E.O.H.

DD88LR20

Core interval inspected: 66.0m-292.0m

66.0m – 90.6m
Generally weathered and oxidized diorite, with some magnetite bands and phlogopite-rich domains.

90.6m – 96.4m
Unusual plagioclase-rich, magnetite-olivine rock (see thin section). Cumulate-like bands of magnetite, as well as calcite-pyroxene veins, "pegmatitic sweats" or bands. Unusual coarse grained textures; almost pegmatite-like.

96.4m – 98.5m
Unusual textured, magnetite band with coarse grained carbonate intercalated. The magnetite has a similar texture to nearby clinopyroxene, and carbonate in the hole and probably replaces clinopyroxene?

98.5m – 137.3m
Calcite-rich, "Syeno-diorite". "Normal" textured, diorite-like material in addition to layered carbonate-olivine (now serpentine) rocks (see samples at 172.2m). Essentially clinopyroxene, amphibole, calcite, plagioclase, phlogopite- bearing rock types. Coarse grained calcite domains (e.g. 126.0m), "pegmatitic" domains (e.g. .135.9m). The latter contain very coarse grained magnetite-phlogopite-calcite.

137.3m – 191.5m
Essentially calcite- poor (except for calcite pegs or veins), phlogopite-rich ?mafic, with numerous domains composed of minor through to monomineralic magnetite. Some coarse grained clinopyroxene-magnetite-calcite "pegmatite-like sweats". Calcite pegmatites, or sweats, can contain 10cm crystals of clinopyroxene. Pyrrhotite, pyrite and chalcopyrite are common in some areas.

191.5m – 222.4m
Very coarse grained clinopyroxene-phlogopite ± magnetite ± ?olivine rock; clinopyroxene crystals to 15cm. The clinopyroxene exhibits the same cleavage as some calcite and coarse magnetite - needs follow up. Thick calcite vein or "sweat" between 216.9m – 219.7m.

222.4m – 224.6m
Layered ?K-feldspar rich rock types; layering perpendicular to C.A.

224.6m – 226.95m
Coarse grained and phlogopite-rich; similar to 191.5m – 222.4m.

226.95m – 244.3m
Very magnetite-rich, phlogopite-clinopyroxene rock. Medium grained, calcite-absent or poor. Sulphides rare.

244.3m – 246.3m
Calcite-phlogopite- rich rock type.

DD88LR20 cont'd.

246.3m – 285m

Phlogopite-magnetite-clinopyroxene- rich rock type. Some areas of up to 80% magnetite. Some serpentine- rich zones (e.g. ~281.0m), calcite veins or sweats (e.g. ~272.0m). Monomineralic phlogopite-rich domains (e.g. 174.8m, 239.4m). Minor calcite and rare sulphides. Medium to extremely coarse grained and green-black.

285.0m – 291.4m

K-feldspar- rich rock type; "syenite". (see sample at 288.3m) K-feldspar-clinopyroxene ± hornblende.

291.4m – 292m

Phlogopite-calcite rock type.

E.O.H.

DD89LR21

CORE INTERVAL INSPECTED: 70.8M-275.5M

70.8m-84.2m
Weathered and oxidised, magnetite-diopside ± olivine marbles; very Fe-rich.

84.2m-103.7m
Pink marble; minor breccia zones with clasts of phlogopite-rich marble; phlogopite also present; marble contains moderate amounts of serpentine; marble very coarse grained.

103.7m-107.0m
Magnetite-rich, coarse grained magnetite crystals sitting in calcite-actinolite ± phlogopite ± chlorite. Calcite is white in colour.

107.0m-112.4m
Probable diopside marble. Diopside altered; can be up to 90% diopside; pink carbonate; some fragments in marble.

112.4m-118.0m
Magnetite-chlorite-chalcopyrite-pyrite -rich. Massive chlorite-magnetite; very coarse grained calcite in places.

118.0m-123.3m
Magnetite-serpentine marble; high percentage of serpentine and magnetite. Vague layering. Some coarse ?diopside areas.

123.3m-144.4m
Yellow serpentine marbles; some domains very serpentine-rich (~80%). Minor magnetite, and possible fresh diopside and/or rare spinel (?).

144.4m-159.4m
Syenogabbro; highly contaminated; calcite-amphibole domains may be former marble clasts. The gabbro is a pink-grey in colour; contains plagioclase-amphibole-sphene ± K-feldspar. Diopside "skarn" develops at upper contact and the "syenogabbro" is more coarse grained and felsic towards its base.

159.4m-166.8m
Light coloured serpentine marble; pale apple green. Generally fine to medium grained.

166.8m-172.6m
Magnetite-sulphides-calcite domain. Calcite exceptionally coarse grained. Increase in chlorite as this domain approached. Has a central core of unusually layered serpentine-calcite (serpentine marble).

DD89LR21 cont'd.

172.6m-181.6m
Serpentine marble; some boudinaged and rotated serpentine layers that are after olivine bands. Disseminated magnetite and serpentine grains throughout the marble. Serpentine can be up to 70%.

181.6m-196.2m
Small syenite/syenogabbro dyke: diopside skarn and diopside/olivine skarn develop immediately adjacent. Larger clasts of marble contained within, with very coarsely recrystallised marble. Very coarse-grained magnetite + calcite. Diopside skarn development has occurred.

196.2m-208.6m
"Skarn"; extremely coarse grained – calcite-magnetite-apatite-chlorite-diopside; apatite crystals to 10cm developed in calcite; magnetite crystals developed in calcite; chlorite probably replacing phlogopite.

208.6m-229.0m
Serpentine marble; disseminated serpentine ± magnetite grains; chlorite development towards base.

229.0m-233.9m
Coarse grained, felsic intrusive, K-feldspar crystals to 2cm; abundant amphibole as "clots" and disseminated grains; related to underlying mafic?

233.9m-253.0m
Fine grained gabbroic lithology; can be medium grained with some domains that are very fine grained.

253.0m-275.5m "Hybrid zone"; similar to 229.0m-233.9m; has some unusual mafic domains within but is generally more felsic and coarse grained; more mafic (?contaminated) areas can contain fragments of the more felsic material. Massive serpentine zones are probably contaminated marble clasts.

E.O.H.

DD89LR22

CORE INTERVAL INSPECTED: 72.7M-161.5M

72.7m-93.0m
Medium grained gabbro; felsic, strongly weathered.

93.0m-94.7m
Brick-red felsic intrusive, may be a clast in the gabbro; 3 distinct zones of felsic material in this interval separated by thin gabbro.

94.7m –104.7m
Variably textured gabbro; medium grained generally, but can become coarse or fine grained over a few centimetres. Patchy, red-orange, apatite – sulphide development and pyroxene - apatite – sulphide veins observed.

104.7m-108.6m
Extremely coarse grained gabbro; crystals to 2cm.

108.6m-112.4m
Medium grained gabbro; some plagioclase-rich domains.

112.4m-121.2m
Extremely coarse grained gabbro; pronounced layering of plagioclase phenocrysts + pyroxene phenocrysts. Abundant magnetite and sulphides.

121.2m-161.5m (E.O.H)
Even textured, medium grained gabbro.

DD89LR24

Core interval inspected: 119.50m – 247.00m (E.O.H.)

119.50m – 123.60m
Extremely weathered, magnetite feldspar gneisses. Similar to gneisses in LR2 around 87m. Strong gneissic fabric, with brick red felsic and black magnetite-rich banding.

123.60m – 130.80m
Mafic granulite containing rare ?garnet. Typical amphibolite texture but not strong fabric developed. Very coarse grained hornblende after clinopyroxene. Sheared bottom contact and some "mixed" zones with feldspathic material incorporated.

130.80m – 144.20m
Felsic, hornblende + magnetite-rich gneiss. Strong fabric with foliation ~70º to C.A. Grey-red in colour. Mafic bands and schlieren in a generally pink matrix.

144.20m – 145.00m
Amphibolite.

145.00m – 149.00m
Brick red K-feldspar-rich pegmatite/granite. Intensely brecciated with magnetite + clinopyroxene as breccia matrix.

149.00m – 165.30m
Garnet-rich mafic-felsic gneiss. Garnet-feldspar-clinopyroxene ± hornblende ± quartz. Abundant magnetite. Some red K-feldspar-rich bands and schlieren. Fabric generally parallel to C.A. Clinopyroxene can rim garnet. Generally medium to coarse grained, grey to black-green in colour. Strong fabric.

165.30m – 169.70m
Granitoid similar to 145.00m-149.00m interval. Not brecciated here and does not contain magnetite as fracture fill, etc. Magnetite occurs as porphyroblasts in the granitoids.

169.70m – 172.90m
Amphibolite. Fine grained and does not exhibit an obvious fabric.

172.90m – 183.40m
Red-black felsic gneiss. Contains abundant deformed aggregates of hornblende ± magnetite ± biotite in a pink-red groundmass. Some pink felsic bands. Foliation at ~70º to C.A.

183.40m – 188.40m
Highly foliated, green mafic gneiss.

188.40m – 197.50m
Magnetite-rich, pink coloured, strongly foliated felsic gneiss. Schlieren and aggregates of hornblende ± magnetite ± ?biotite. Foliation to C.A. is ~50º -60º.

DD89LR24 cont'd.

197.50m – 202.60m
Amphibolite. Strongly sheared and veined in places. Fine to medium grained and green in colour.

202.60m – 206.80m
Brick red/pink felsic gneiss.

206.80m – 207.20m
Amphibolite. Highly sheared.

207.20m – 213.10m
Pink-red to grey felsic gneiss. Somewhat massive but contains folded K-feldspar leucosomes. Porphyroblasts of biotite ± hornblende.

213.10m – 218.80m
Amphibolite. Contains crackle veining as well as sub-horizontal (perpendicular to C.A.) K-feldspar ± magnetite veining with associated alteration adjacent to veining. Fine grained and medium grained.

218.80m – 247.00m
Quartz-rich, felsic gneiss. Can range from almost quartzite through to quartz-rich felsic gneiss. Rare sillimanite. Fabric often parallel to C.A. Generally pink in colour, although some mafic domains have a white groundmass.

E.O.H.

APPENDIX 2

MEMORANDUM – GEOPYSICAL REPORT

ANGLO AMERICAN

Memorandum

To VRG, TPK, AB, CST

From BLS, MRW

Date 07/02/03

Subject Mt Brady EL2881 Annual Geophysics Report

Introduction

During 2002 Anglo American acquired the existing gravity data for EL2881 from the open file records kept at PIRSA's office in Adelaide. The existing gravity coverage was too widely spaced for use in reliable geological and drill targeting. An additional 1860 gravity stations were collected within EL2881 (Figure 1.). Interpretation of the new combined gravity dataset (Figure 2.) together with the aeromagnetics (Figure 3.) and existing drill holes showed several discrete gravity and magnetic responses. These responses were prioritised based on known geological information and the highest priority targets were followed up with ground TEM. Nine lines of TEM were completed over the targets as shown in Figure 1.

Gravity

The gravity stations were collected by Fugro Ground Geophysics under contract to Anglo American Exploration (Australia) Pty Ltd. The data was collected as part of a larger gravity program completed for Anglo in the Coober Pedy District. The survey specifications and reduction formula are contained in Appendix 1 and the digital data is included in Appendix 3. A residual bouguer gravity map with contours at 1 mgal is shown in Figure 2.

Electromagnetics

The TEM data was collected by Quadrant Geophysics using a Smartem receiver, Zonge GGT-10 transmitter and a Zonge TEM-3 receiving coil. The survey used an in loop configuration with a loop size of 200m. A copy of the data in AMIRA format is included in appendix 3. The locations of the EM lines were positioned to cross targets generated from interpretation of the aeromagnetic and gravity datasets. Profile plots with corresponding depth conductivity section are provided in Appendix 2.

Line 471200E was targeted over a discrete positive magnetic anomaly located on the Western flank of a positive gravity feature. The TEM line recorded a strong early time response along the line, interpreted to be produced by conductive overburden. There were no bedrock conductor responses recorded.

Line 474100E is located over a broad positive gravity anomaly. This TEM line also recorded strong responses in the early time channels produced by conductive cover and no significant late time responses.

Line 477100E crosscuts a linear positive magnetic feature and is located to the East of a low gravity trough. The TEM line shows the presence of a conductive overburden,

several stations show noisy readings in the late time channels but no bedrock conductive responses were recorded.

Line 478400E crosscuts a linear magnetic ridge and a proximal discrete magnetic feature. The line also crosses a NE/SW trending moderate amplitude positive gravity ridge. The TEM line shows a conductive overburden and no bedrock conductors.

Line 478800E, this line crosses the eastern edge of the linear mag feature covered by Lines 477100E and 478400E. It is situated in a hinge position between two linear moderate amplitude positive gravity ridges. The TEM line shows the presence of a conductive overburden, several stations show noisy readings in the late time channels but no bedrock conductive responses were recorded.

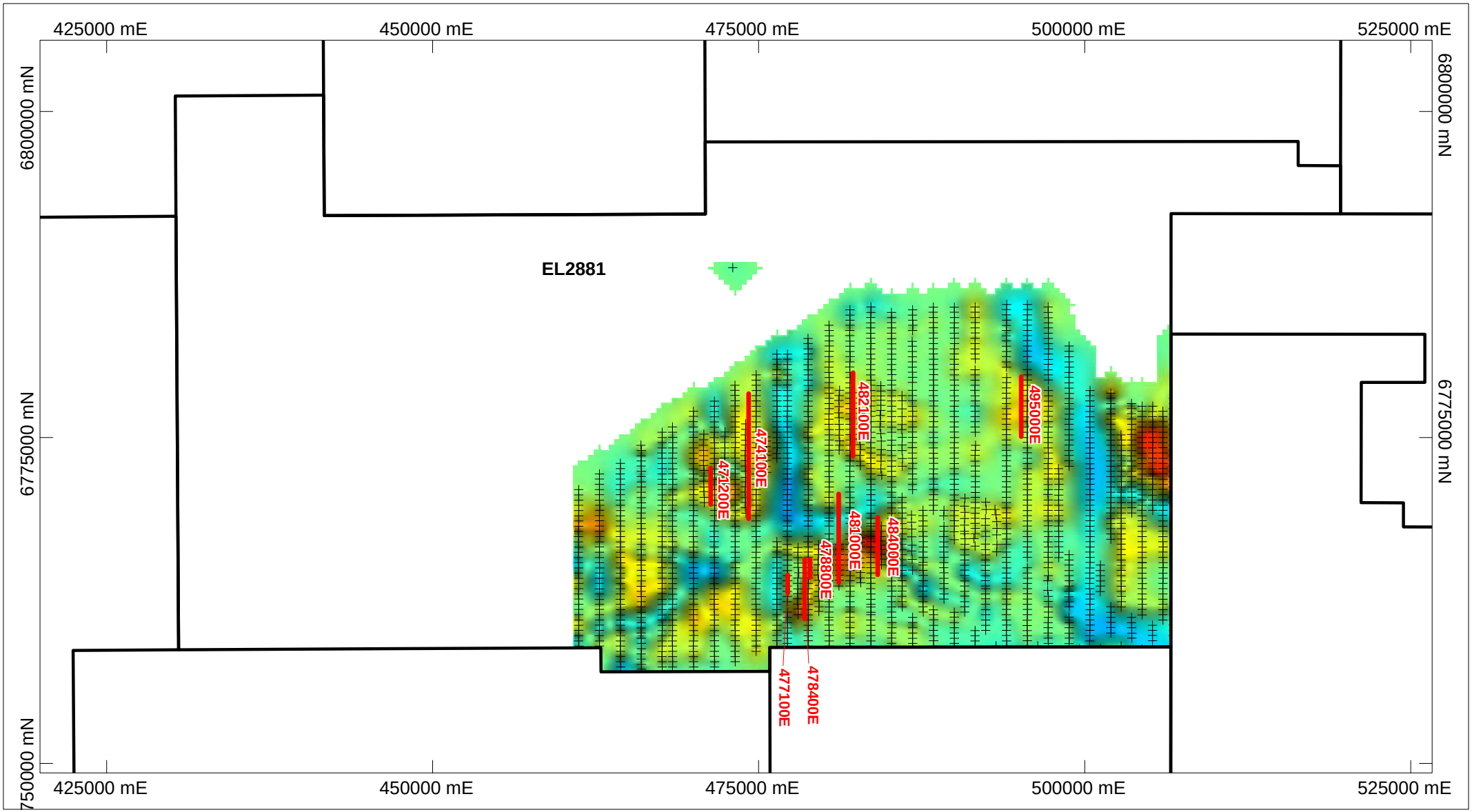
Line 481000E this line targets one of the highest amplitude positive gravity responses in EL2881. This location is magnetically quiet with several dykes producing subtle linear responses. The TEM line shows the conductive overburden cover thickening from approximately 50m to over 200m in the middle of the line. The thick sequence of conductive overburden corresponds to a low gravity trough located to the North of the high amplitude gravity feature that the line was targeting. No bedrock responses were recorded on this line.

Line 482100E this line crosses two moderate amplitude gravity features and is situated in a magnetically quiet area. The TEM shows a conductive overburden sequence interpreted as 100m thick along the line. No bedrock conductive responses were recorded.

Line 484000E this line crosses a high amplitude gravity feature which is coincident with a subtle positive magnetic feature. The TEM line shows the conductive overburden thickening from an interpreted 50m thickness in the southern portion of the line to a thickness of approximately 200m at the northern end of the line. There were no bedrock responses.

Line 495000E was targeted over a moderate amplitude gravity feature, the magnetic coverage shows a folded moderate amplitude positive ridge in this location. A strong early time response was recorded along the line and the thickness of conductive cover along this line is interpreted as approximately 100m.

The TEM did not generate any strong targets for follow up. The survey showed the overburden thickness to be variable and a general trend of increasing thickness towards the east was observed. It is not thought that the conductive cover would have obscured any bedrock conductive responses present within the depth range for economic exploration.



LOCATION MAP

N
W E
S

0 10 20
Kilometres

EM line

Gravity station

ANGLO AMERICAN

REGION: GAWLER

PROJECT: COOBER PEDY

DRAWING No: AUS_SA_COO_GP_11841.wor

EL2881
GEOPHYSICAL SURVEY LOCATIONS
2002

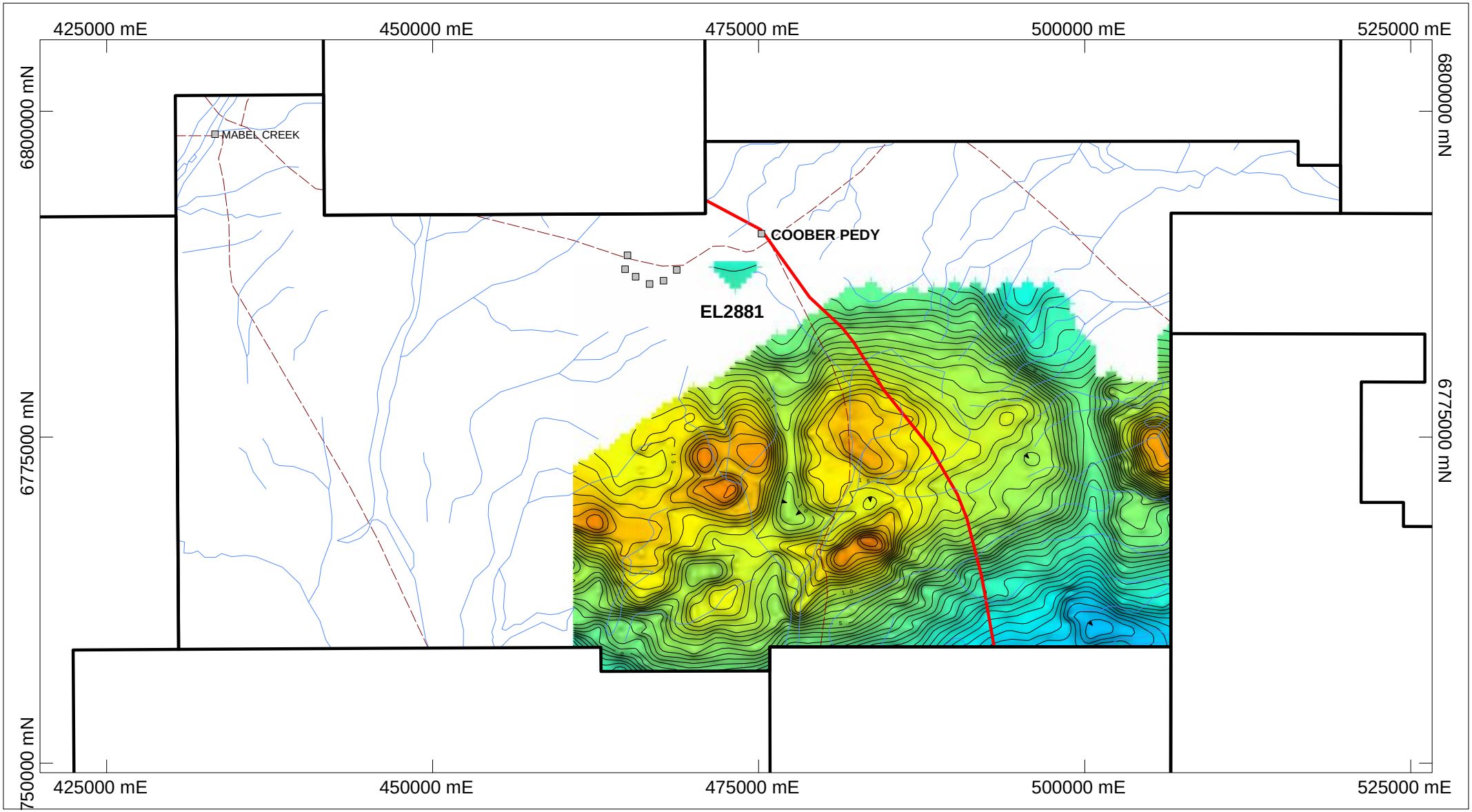
AUTHOR: B Stacey

COMPILED BY: C Lucy

DATE: 07/02/2003

PROJECTION: MGA Zone 53 (GDA94)

SCALE: 1:400,000



LOCATION MAP

N
W E
S

0 10 20
Kilometres

ANGLO AMERICAN

REGION: GAWLER

PROJECT: COOBER PEDY

DRAWING No: AUS_SA_COO_GP_11839.wor

EL2881
BOUGER GRAVITY (2.67) with 1 Mgal contours

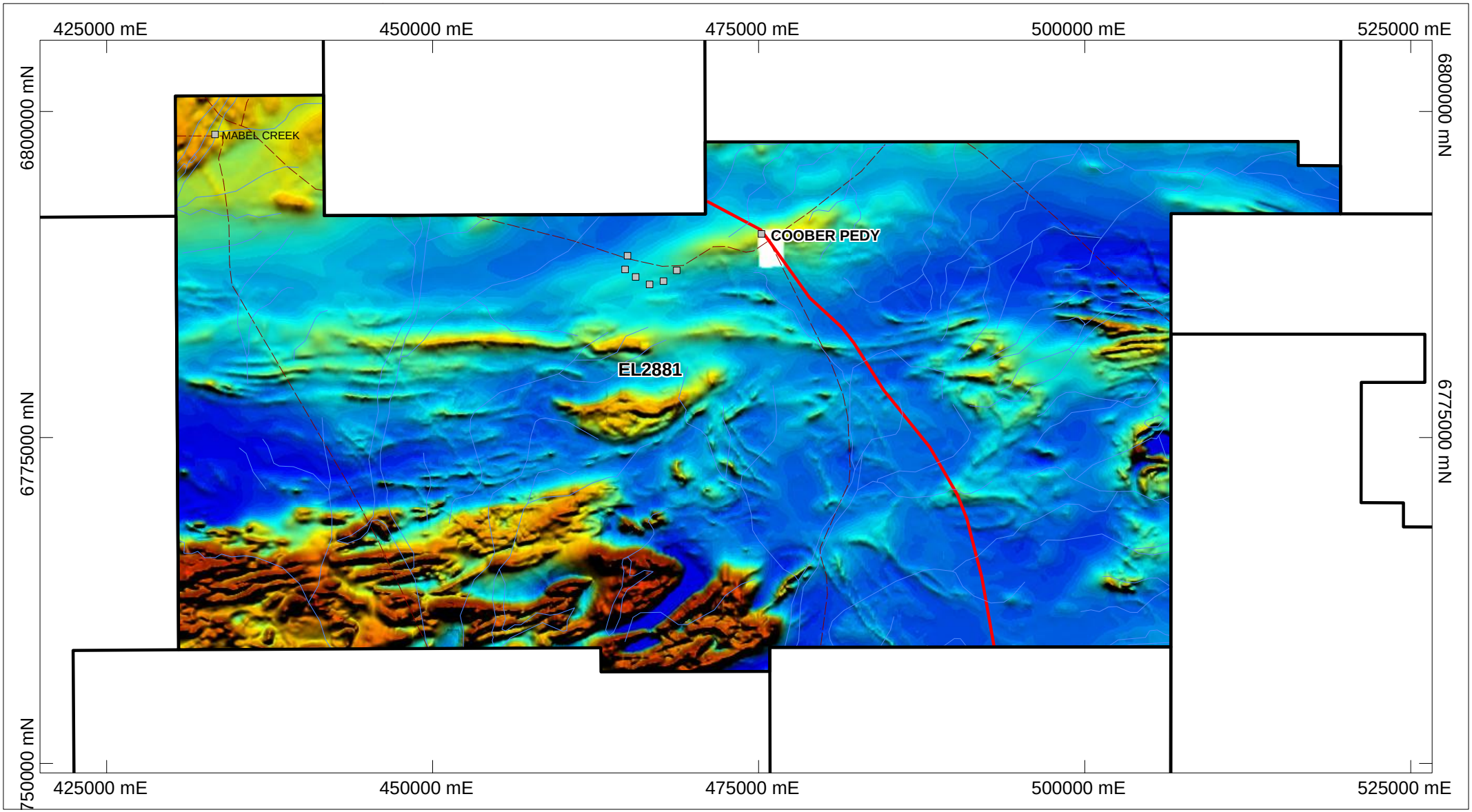
AUTHOR: B Stacey

COMPILED BY: C Lucy

DATE: 07/02/2003

PROJECTION: MGA Zone 53 (GDA94)

SCALE: 1:400,000



LOCATION MAP

0 10 20

Kilometres

ANGLO AMERICAN

REGION: GAWLER

PROJECT: COOBER PEDY

DRAWING No: AUS_SA_COO_GP_11840.wor

EL2881
RTP AEROMAGNETICS

AUTHOR: B Stacey

COMPILED BY: C Lucy

DATE: 07/02/2003

PROJECTION: MGA Zone 53 (GDA94)

SCALE: 1:400,000

Appendix 1. Gravity Specifications and reduction formulae

Gravity data was acquired using a Scintrex CG-3 and LaCoste Romberg G Model gravity meters and located using dual frequency Ashtec Z-12 GPS receivers. Gravity data was referenced to the Australian Fundamental Gravity Network (Isogal 84) with horizontal co-ordinates referenced to the Geocentric Datum of Australia (1994). Vertical coordinate data was referenced to the Australian Height Datum (1971).

The survey area ranged from flat and open to scrub covered sections, sand dune lenses and breakaway terrains. A combination of 2 and 3 single person crews surveyed simultaneously utilising 4WD vehicles. A fourth person was required as a dedicated processor responsible for data management and quality.

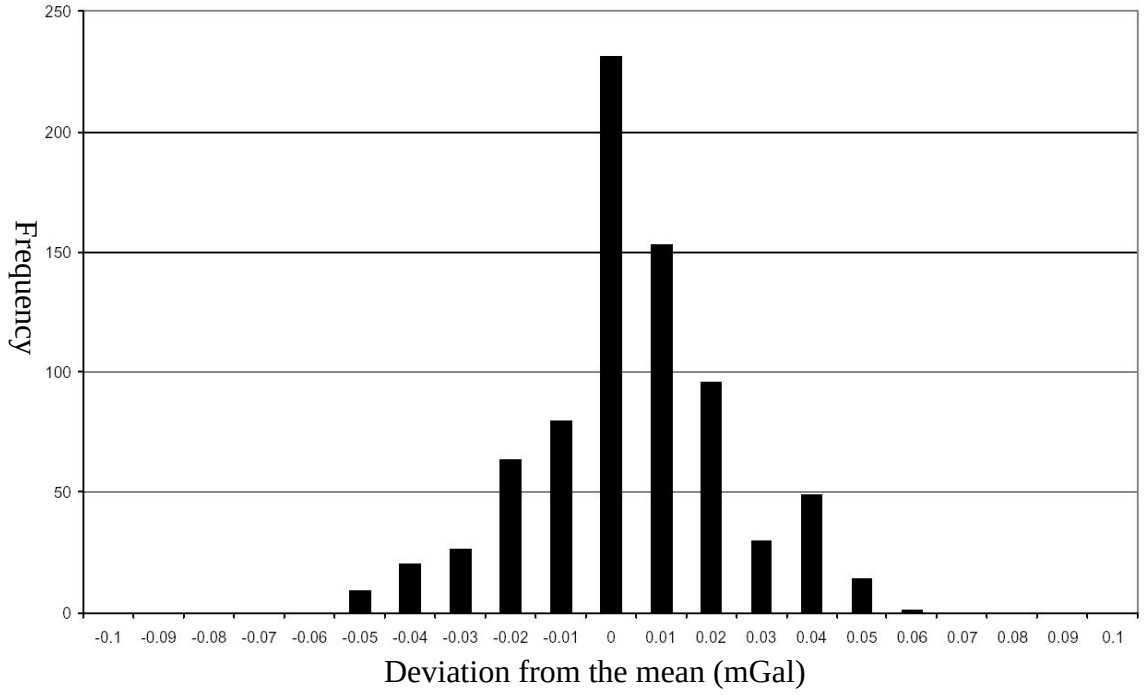
The survey was conducted by Fugro personnel David Allen (Geophysicist), Tony Bryant (Surveyor), David Parker (Technician), Paul Chatley (operator) and Kent Honner (operator). Surveying was completed during the period June 26 to August 30 2002.

Positioning information was obtained through GPS using Ashtec Z-12 receivers. The receivers are 12 channel, dual frequency with typical sub-decimetre positioning (X,Y,Z) repeatability's. GPS data was acquired using post processed surveying methodologies with receivers set to log observations at 5 second intervals to internal memory which was downloaded at the completion of the survey day.

Gravity base station observations for meter drift control were made at the start and completion of the survey day, for a duration of approximately 10 hours. Intermediate base observations are not necessary using modern gravity meters (when the earth tide effect is computed and removed), as they generally have extremely stable and linear drift characteristics. Observation of drift error and drift correction application is demonstrated at the minimum 5% repeat stations taken each day with each meter.

Approximately 9% of readings were repeated. Figure 1 below is a frequency distribution graph of errors measured by all gravity meters used on the full Coober Pedy survey. The overall standard deviation of all gravity repeat errors was 0.02 mGal with over 99% of the gravity repeat reading errors within ±0.05mGal (1s).

Observed Gravity Repeats



All gravity and GPS processing was carried out in the field on a daily basis and e-mailed nightly to Fugro Perth for additional quality control and forwarding to Anglo American. Gravity was reduced to Bouguer Anomaly using the 1967 reduction formulae as stated in the BMR report 261.

The 1967 reduction formula is given as follows:

$$? g_{BA} (1984) = g_{obs} (\text{Isogal } 1984) – g_n (1967) + 0.3086h – 0.0419?h \text{ (mGal)}$$

Where

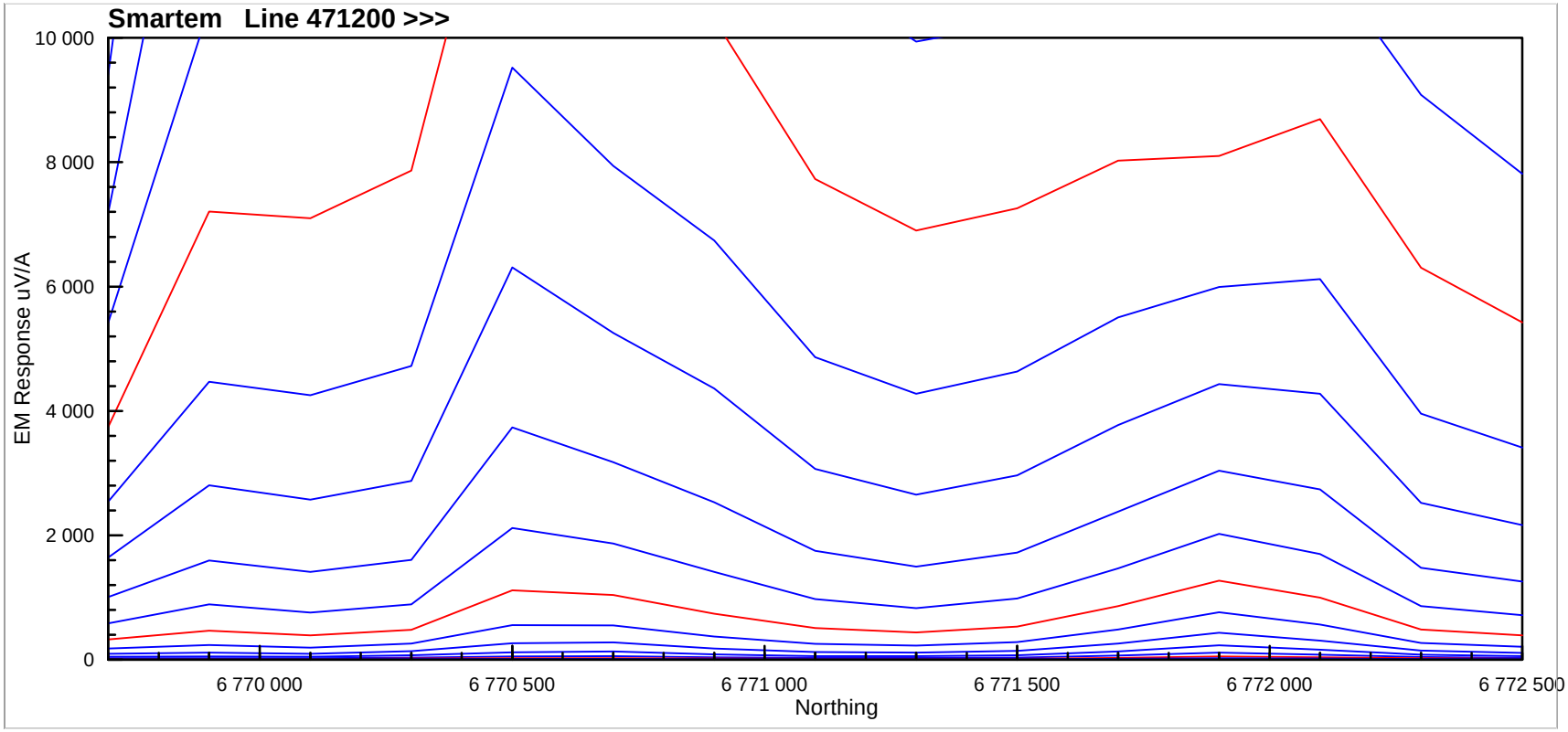
$$g_n (1967) = 978031.8 (1 + 0.0053024\sin^2 f – 0.0000059 \sin^2 2f) \text{ (mGal)}$$

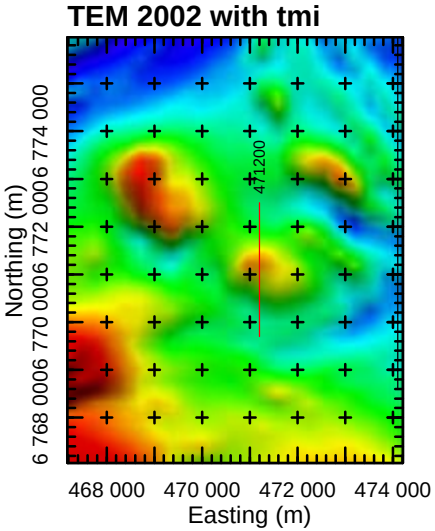
Latitude (f) corrections were made based on the GDA94 value, while elevation (h) was using the AHD height, with density values (?) of 2.2,2.4 and 2.67gm/cc. Tidal corrections were obtained using the Longman formula based on the position (latitude, longitude and GMT difference) of the centre of the survey area.

All GPS data was acquired and processed in the GDA94/WGS84 datum. All elevations were converted to AHD71 by application of the Ausgeoid98 ‘N’ value for the station. Final horizontal coordinates were supplied in WGS84/GDA94 geographic and projected MGA(Zone 53) grid coordinates. GPS data was post processed using Ashtec P-Nav software with ‘on the fly’ resolution and all the final Bouguer and observed gravity processing was performed using in-house software.

Gravity data was processed in units of milligals, on the Australian Fundamental Gravity Network Datum (based on the IGSN71), Isogal 84.

In the field, data was processed, checked for obvious errors, merged and contoured to ensure consistency and correct functioning of equipment. Repeat errors were analysed daily to ensure data quality requirements were being achieved.

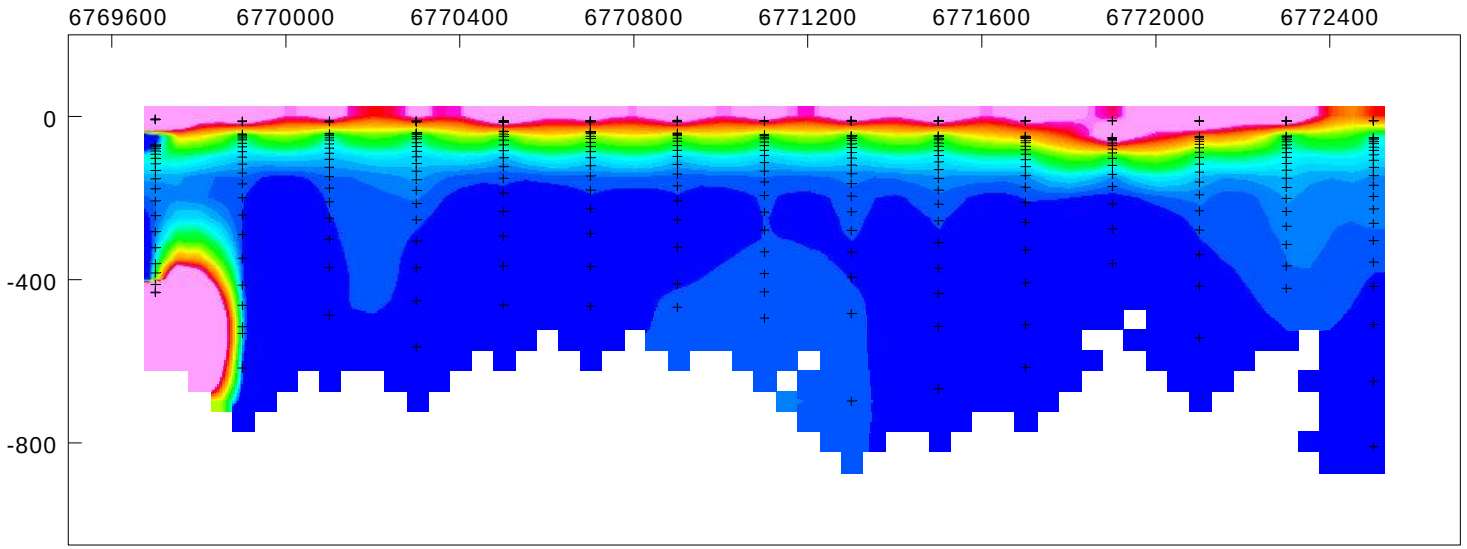




Survey Parameters

Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 4.1667
Sensor: TEM-3 No Chs: 29
Current: 18

Line 471200E EMAX Conductivity Depth Section mS/m
Linear colour stretch 0 - 500



Window Times

Ch	Start	End	Ch	Start	End
1	0.09	0.11	15	1.81	2.32
2	0.11	0.14	16	2.24	2.89
3	0.13	0.17	17	2.79	3.58
4	0.17	0.22	18	3.46	4.45
5	0.21	0.27	19	4.29	5.52
6	0.26	0.33	20	5.33	6.85
7	0.32	0.41	21	6.62	8.51
8	0.40	0.51	22	8.22	10.56
9	0.49	0.63	23	10.2	13.12
10	0.61	0.79	24	12.66	16.28
11	0.76	0.98	25	15.72	20.21
12	0.94	1.21	26	19.52	25.1
13	1.17	1.51	27	24.23	31.16
14	1.46	1.87	28	30.08	38.68
			29	37.35	48.02

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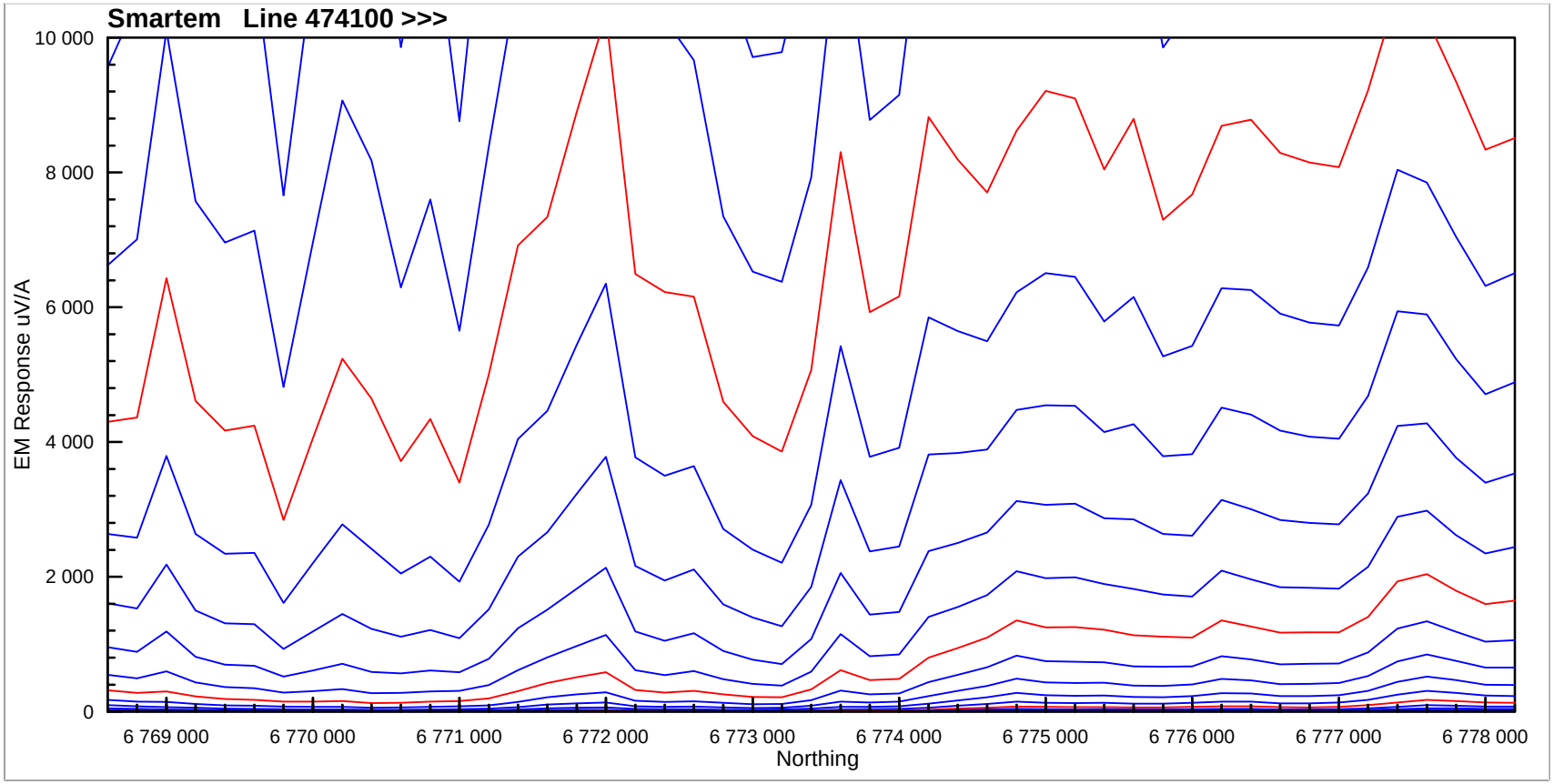
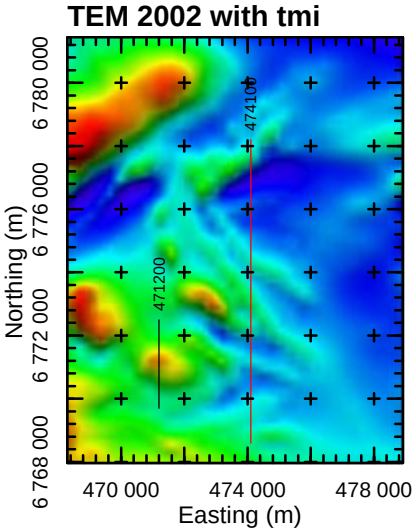
Coober Pedy Project
EL 2881
Line 471200





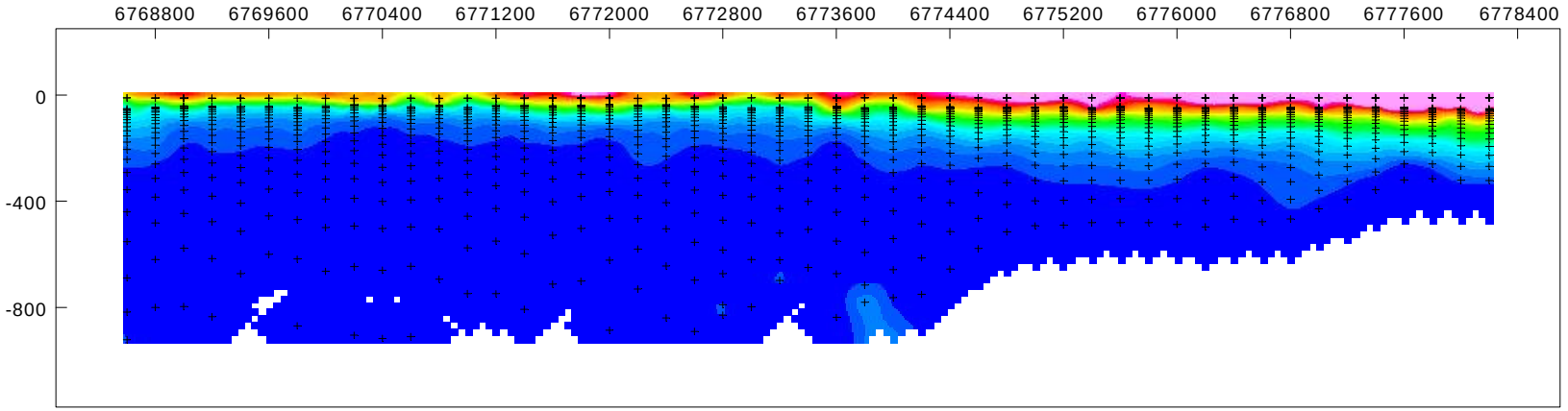
Survey Parameters

Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 4.1667
Sensor: TEM-3 No Chs: 29
Current: 18

Window Times

Ch	Start	End	Ch	Start	End
1	0.09	0.11	15	1.81	2.32
2	0.11	0.14	16	2.24	2.89
3	0.13	0.17	17	2.79	3.58
4	0.17	0.22	18	3.46	4.45
5	0.21	0.27	19	4.29	5.52
6	0.26	0.33	20	5.33	6.85
7	0.32	0.41	21	6.62	8.51
8	0.40	0.51	22	8.22	10.56
9	0.49	0.63	23	10.2	13.12
10	0.61	0.79	24	12.66	16.28
11	0.76	0.98	25	15.72	20.21
12	0.94	1.21	26	19.52	25.1
13	1.17	1.51	27	24.23	31.16
14	1.46	1.87	28	30.08	38.68
			29	37.35	48.02

Line 474100E EMAX Conductivity Depth Section mS/m VE:2
Linear colour stretch 0 - 500



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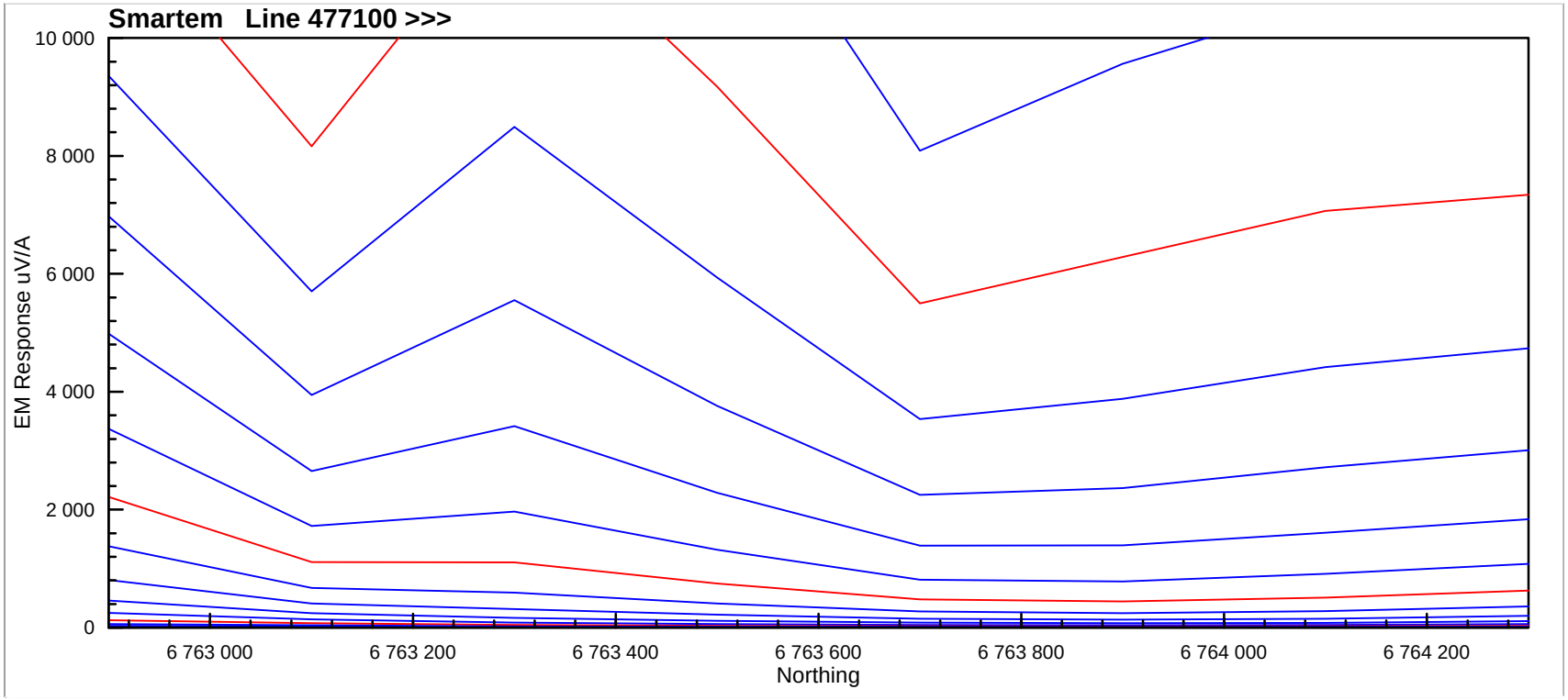
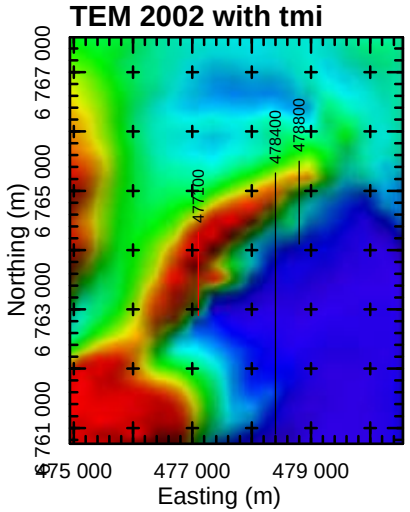
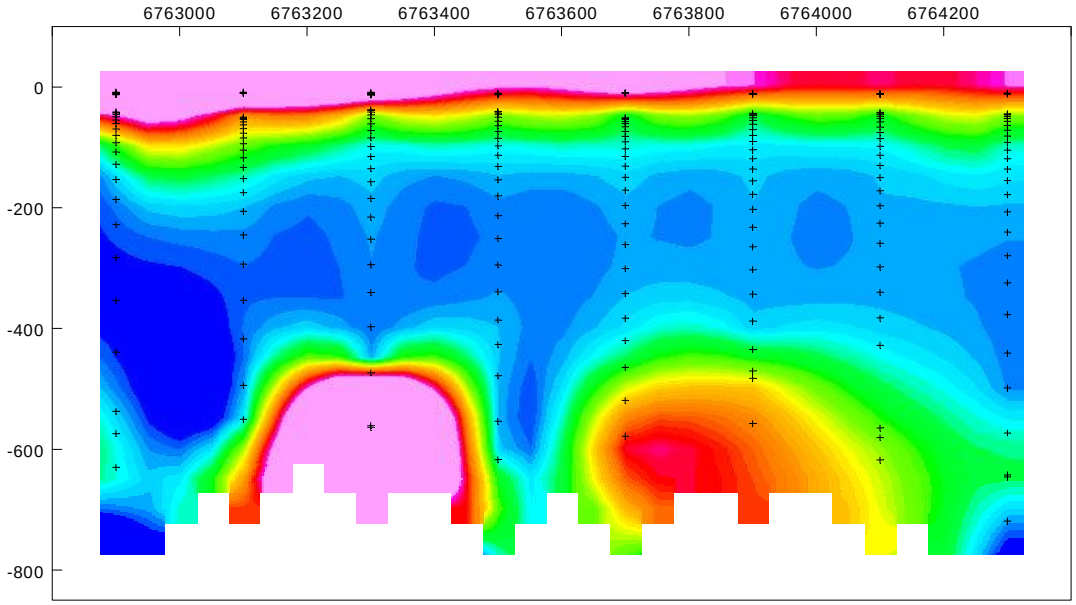
Coober Pedy Project
EL 2881
Line 474100





Line 477100E EMAX Conductivity Depth Section mS/m VE:2
Linear colour stretch 0 - 500



Survey Parameters

Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 2.0833
Sensor: TEM-3 No Chs: 33
Current: 18
Window Times

Ch	Start	End	Ch	Start	End
1	0.09	0.11	18	3.46	4.45
2	0.11	0.14	19	4.29	5.52
3	0.13	0.17	20	5.33	6.85
4	0.17	0.22	21	6.62	8.51
5	0.21	0.27	22	8.22	10.56
6	0.26	0.33	23	10.2	13.12
7	0.32	0.41	24	12.66	16.28
8	0.40	0.51	25	15.72	20.21
9	0.49	0.63	26	19.52	25.1
10	0.61	0.79	27	24.23	31.16
11	0.76	0.98	28	30.08	38.68
12	0.94	1.21	29	37.35	48.02
13	1.17	1.51	30	46.36	59.61
14	1.46	1.87	31	57.56	74.01
15	1.81	2.32	32	71.46	91.88
16	2.24	2.89	33	88.72	114.06
17	2.79	3.58			

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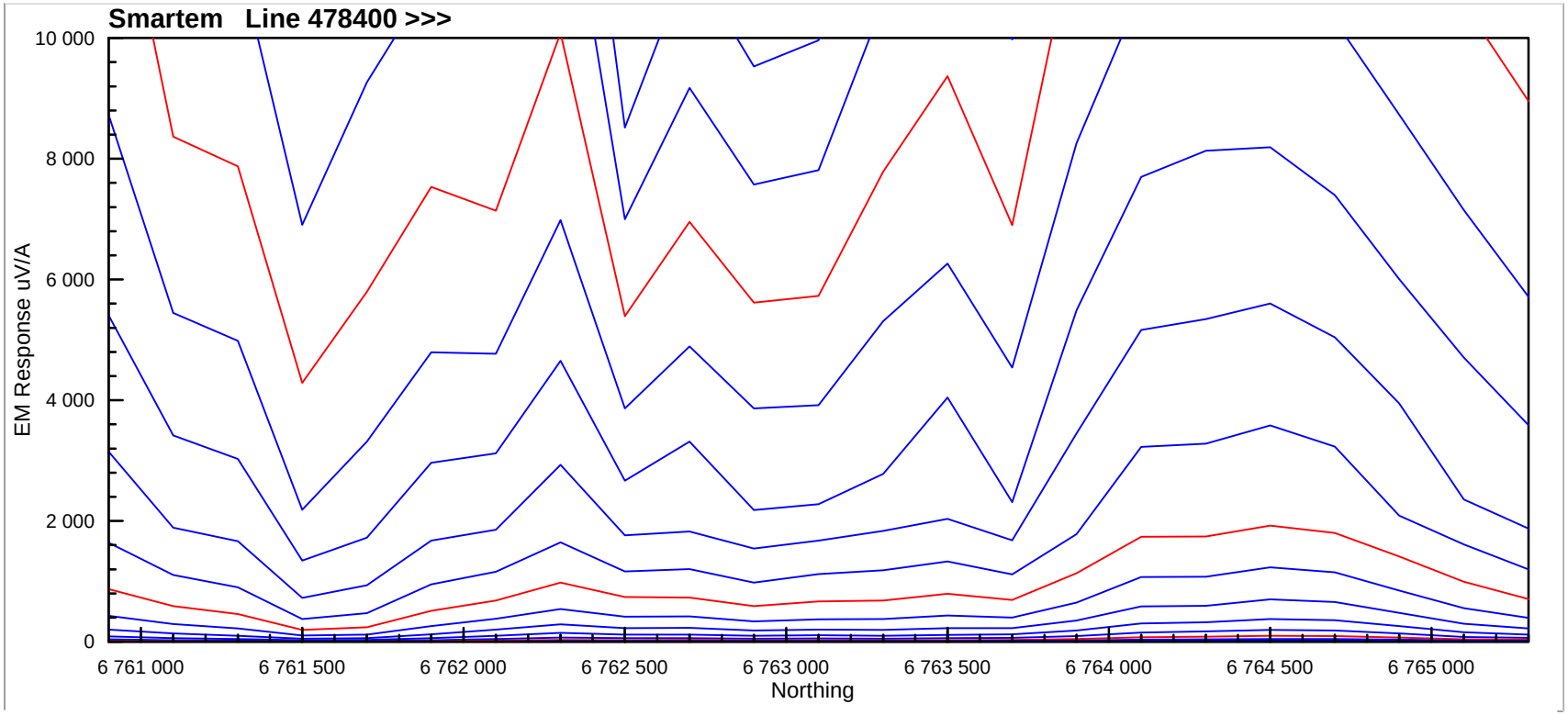
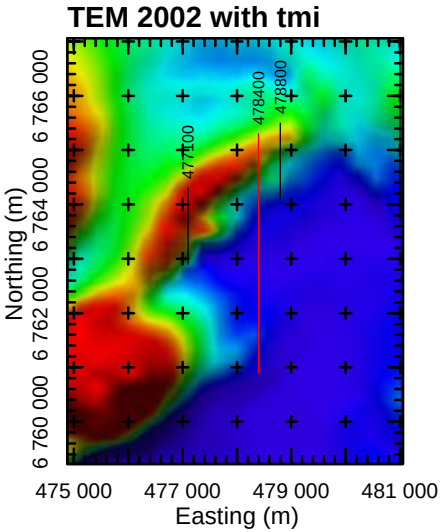
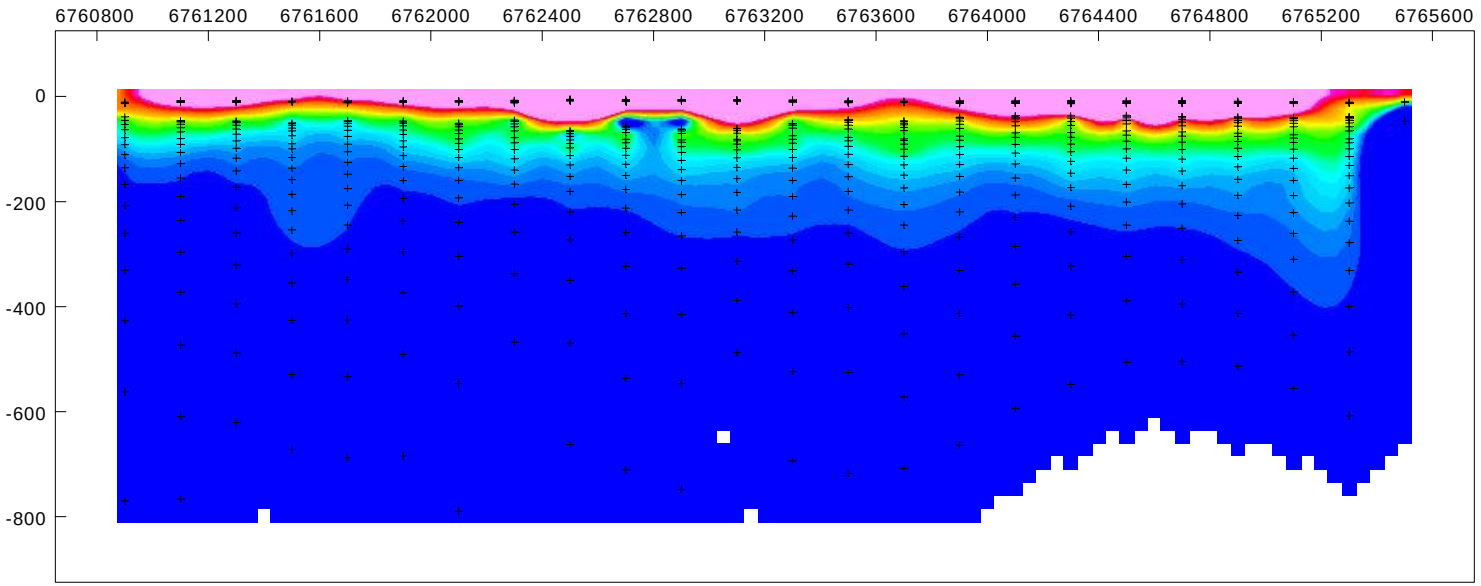
Coober Pedy Project
EL 2881
Line 477100





Line 478400E EMAX Conductivity Depth Section mS/m VE:2
Linear colour stretch 0 - 500



Survey Parameters

Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 4.1667
Sensor: TEM-3 No Chs: 29
Current: 18

Window Times

Ch	Start	End	Ch	Start	End
1	0.09	0.11	15	1.81	2.32
2	0.11	0.14	16	2.24	2.89
3	0.13	0.17	17	2.79	3.58
4	0.17	0.22	18	3.46	4.45
5	0.21	0.27	19	4.29	5.52
6	0.26	0.33	20	5.33	6.85
7	0.32	0.41	21	6.62	8.51
8	0.40	0.51	22	8.22	10.56
9	0.49	0.63	23	10.2	13.12
10	0.61	0.79	24	12.66	16.28
11	0.76	0.98	25	15.72	20.21
12	0.94	1.21	26	19.52	25.1
13	1.17	1.51	27	24.23	31.16
14	1.46	1.87	28	30.08	38.68
			29	37.35	48.02

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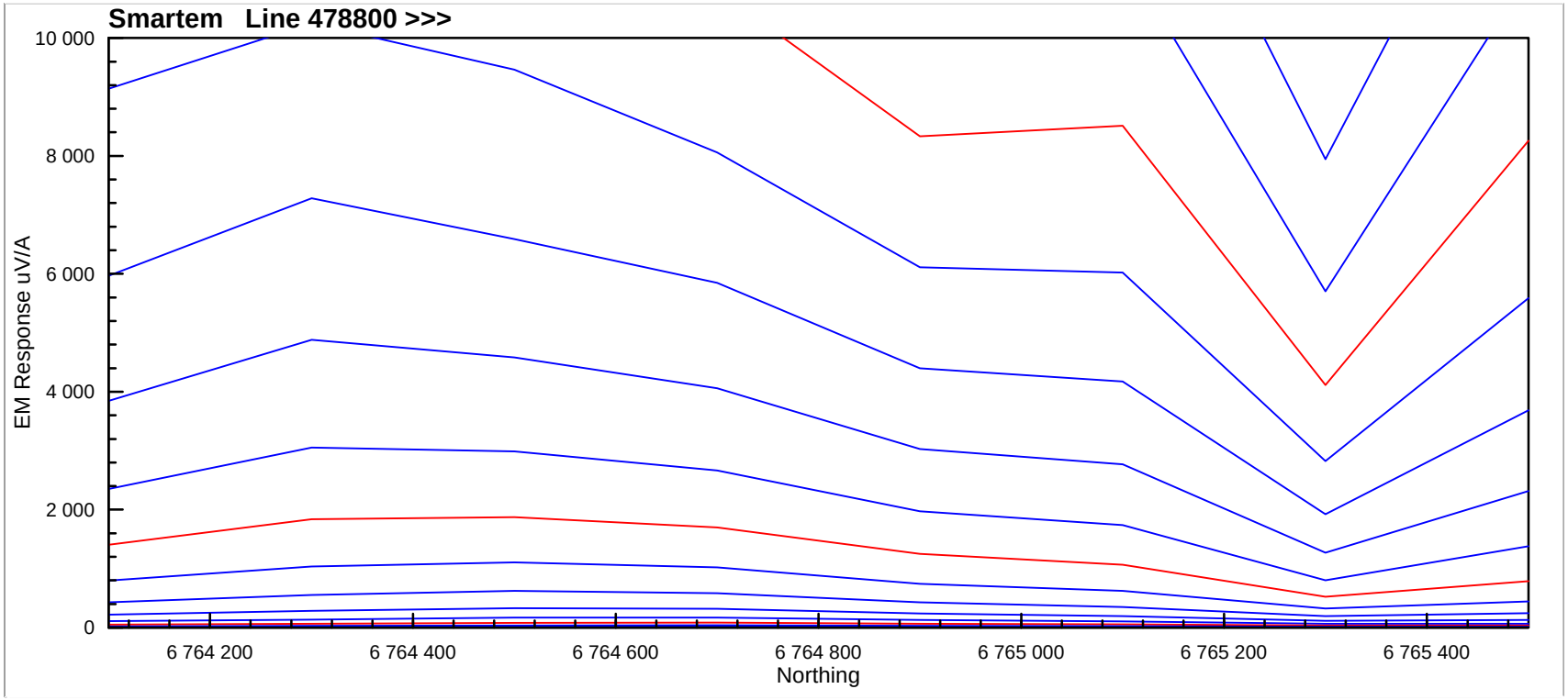
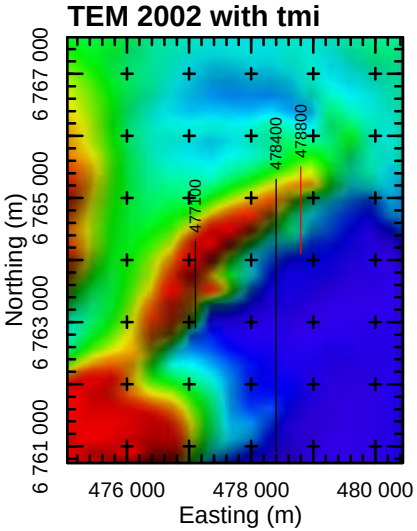
Coober Pedy Project
EL 2881
Line 478400



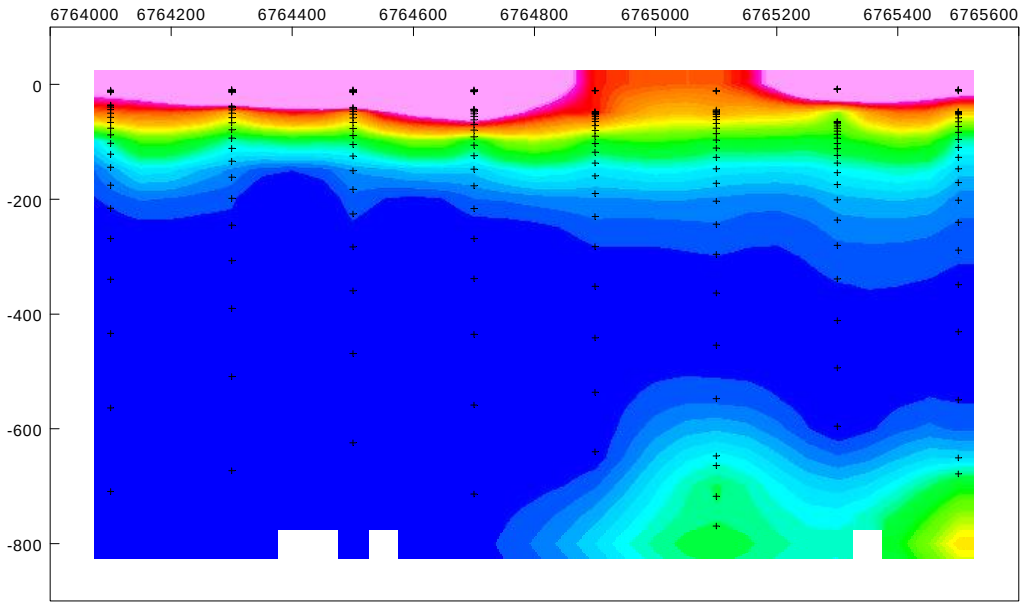


Survey Parameters

Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 2.0833
Sensor: TEM-3 No Chs: 33
Current: 18
Window Times

Ch	Start	End	Ch	Start	End
1	0.09	0.11	18	3.46	4.45
2	0.11	0.14	19	4.29	5.52
3	0.13	0.17	20	5.33	6.85
4	0.17	0.22	21	6.62	8.51
5	0.21	0.27	22	8.22	10.56
6	0.26	0.33	23	10.2	13.12
7	0.32	0.41	24	12.66	16.28
8	0.40	0.51	25	15.72	20.21
9	0.49	0.63	26	19.52	25.1
10	0.61	0.79	27	24.23	31.16
11	0.76	0.98	28	30.08	38.68
12	0.94	1.21	29	37.35	48.02
13	1.17	1.51	30	46.36	59.61
14	1.46	1.87	31	57.56	74.01
15	1.81	2.32	32	71.46	91.88
16	2.24	2.89	33	88.72	114.06
17	2.79	3.58			

Line 478800E EMAX Conductivity Depth Section mS/m
Linear colour stretch 0 - 500



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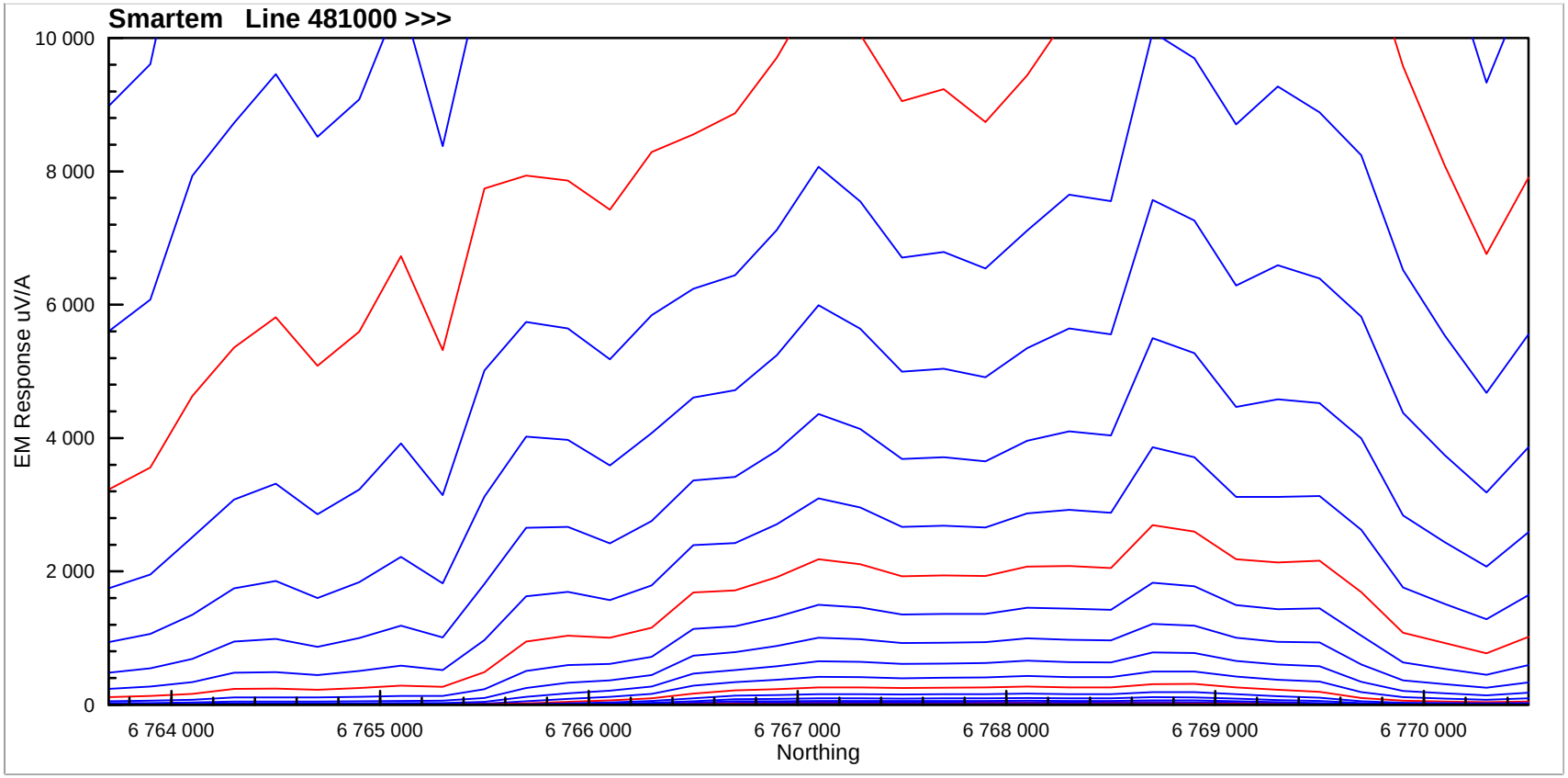
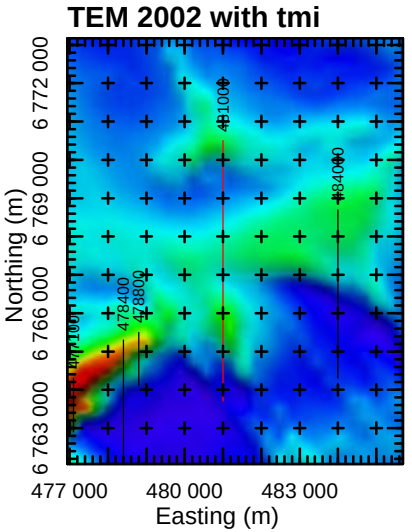
Coober Pedy Project
EL 2881
Line 478800





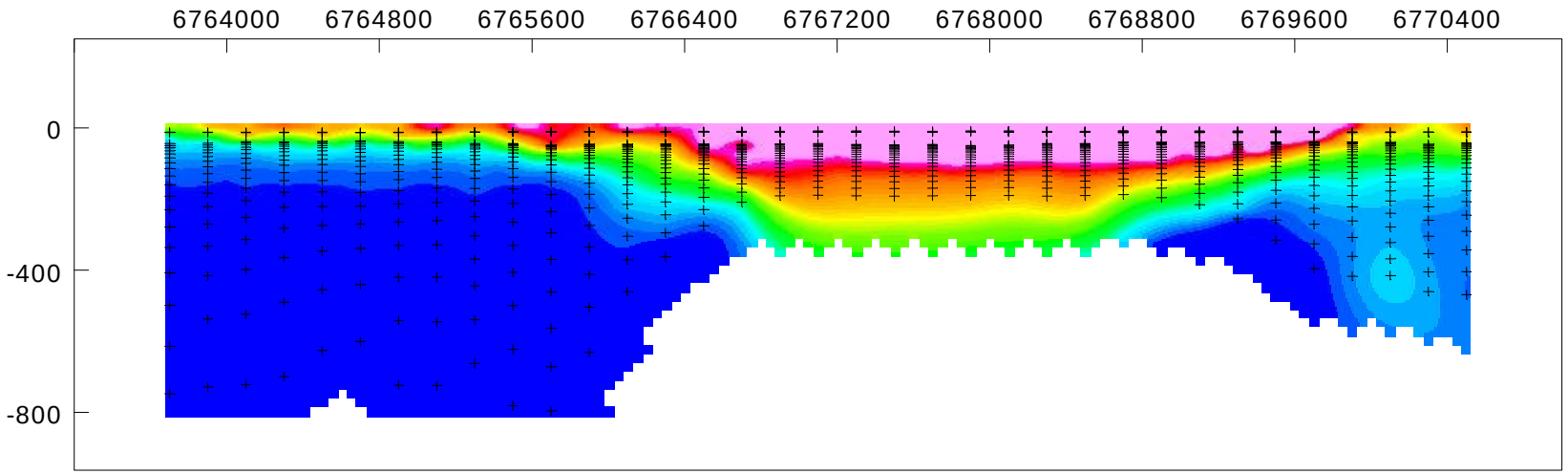
Survey Parameters

Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 4.1667
Sensor: TEM-3 No Chs: 29
Current: 18

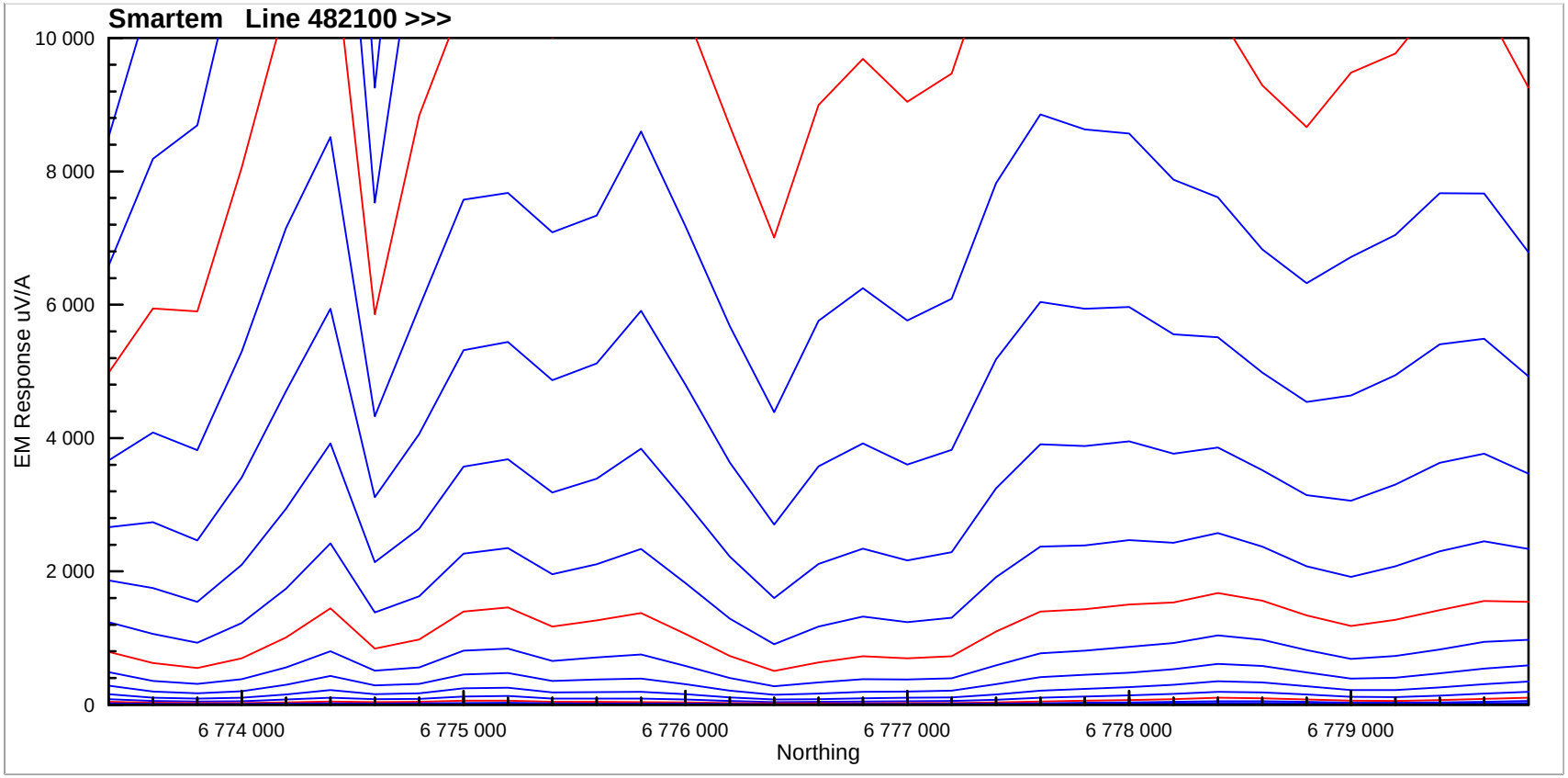
Window Times

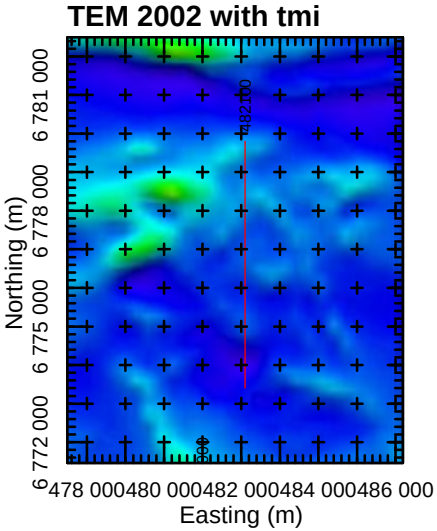
Ch	Start	End	Ch	Start	End
1	0.09	0.11	15	1.81	2.32
2	0.11	0.14	16	2.24	2.89
3	0.13	0.17	17	2.79	3.58
4	0.17	0.22	18	3.46	4.45
5	0.21	0.27	19	4.29	5.52
6	0.26	0.33	20	5.33	6.85
7	0.32	0.41	21	6.62	8.51
8	0.40	0.51	22	8.22	10.56
9	0.49	0.63	23	10.2	13.12
10	0.61	0.79	24	12.66	16.28
11	0.76	0.98	25	15.72	20.21
12	0.94	1.21	26	19.52	25.1
13	1.17	1.51	27	24.23	31.16
14	1.46	1.87	28	30.08	38.68
			29	37.35	48.02

Line 481000E EMAX Conductivity Depth Section mS/m VE:2
Linear colour stretch 0 - 500



Coober Pedy Project
EL 2881
Line 481000





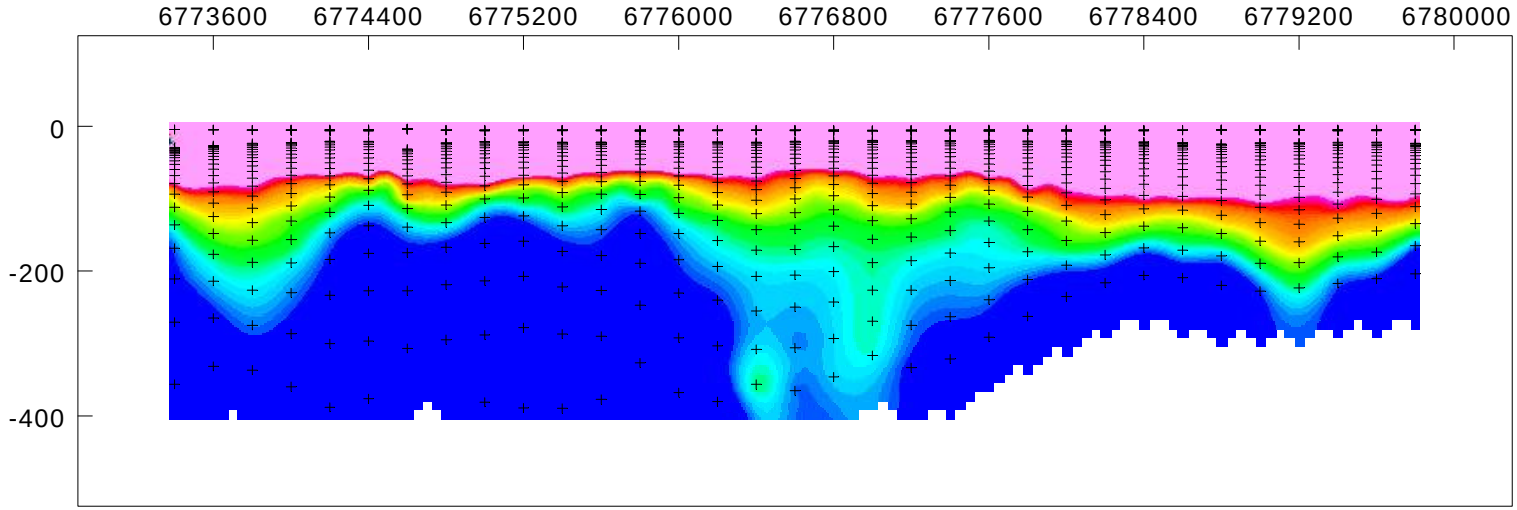
Survey Parameters

Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 4.1667
Sensor: TEM-3 No Chs: 29
Current: 18

Window Times

Ch	Start	End	Ch	Start	End
1	0.09	0.11	15	1.81	2.32
2	0.11	0.14	16	2.24	2.89
3	0.13	0.17	17	2.79	3.58
4	0.17	0.22	18	3.46	4.45
5	0.21	0.27	19	4.29	5.52
6	0.26	0.33	20	5.33	6.85
7	0.32	0.41	21	6.62	8.51
8	0.40	0.51	22	8.22	10.56
9	0.49	0.63	23	10.2	13.12
10	0.61	0.79	24	12.66	16.28
11	0.76	0.98	25	15.72	20.21
12	0.94	1.21	26	19.52	25.1
13	1.17	1.51	27	24.23	31.16
14	1.46	1.87	28	30.08	38.68
			29	37.35	48.02

Line 482100E EMAX Conductivity Depth Section mS/m VE:2
Linear colour stretch 0 - 500



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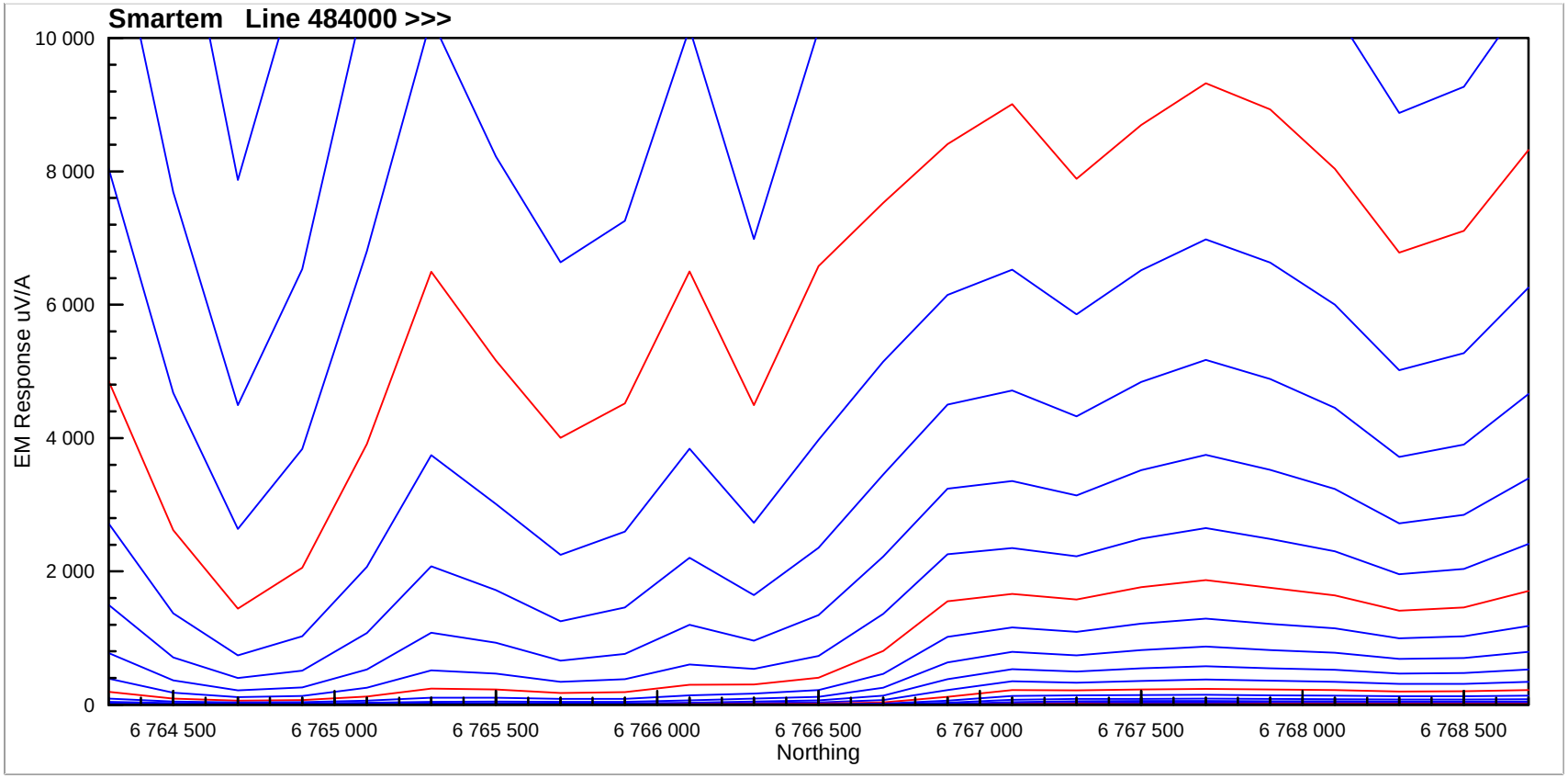
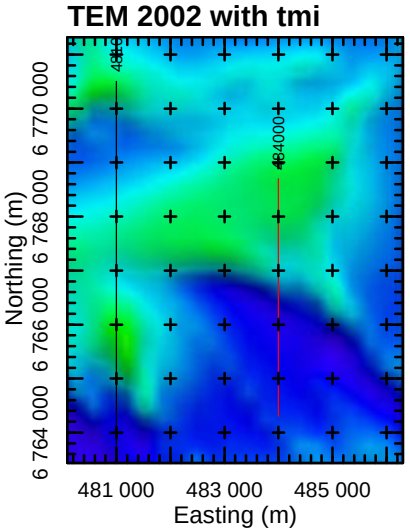
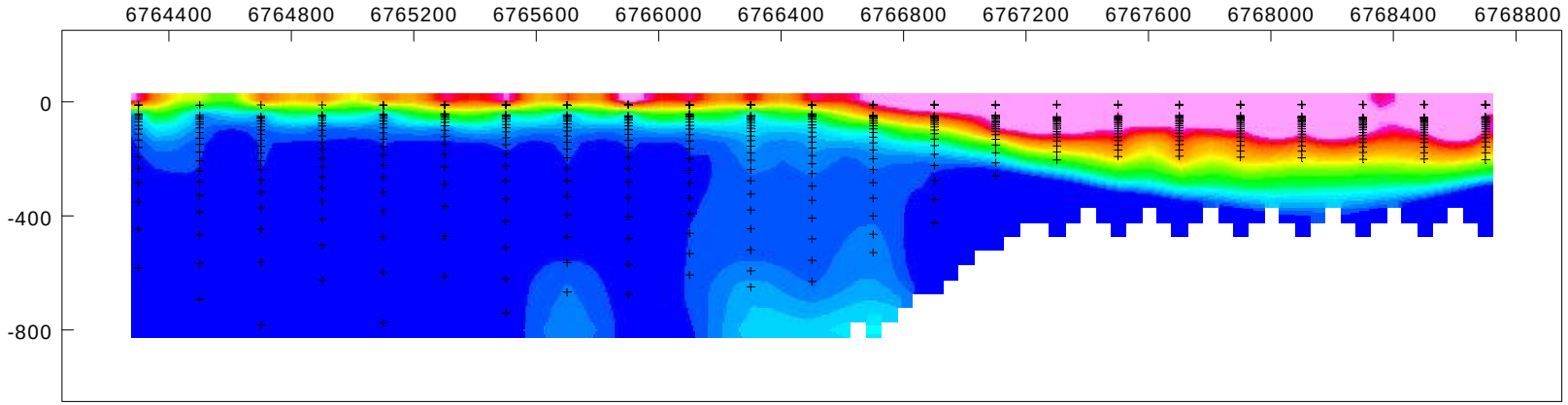
Coober Pedy Project
EL 2881
Line 482100





Line 484000E EMAX Conductivity Depth Section mS/m
Linear colour stretch 0 - 500



Survey Parameters

Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 4.1667
Sensor: TEM-3 No Chs: 29
Current: 18

Window Times

Ch	Start	End	Ch	Start	End
1	0.09	0.11	15	1.81	2.32
2	0.11	0.14	16	2.24	2.89
3	0.13	0.17	17	2.79	3.58
4	0.17	0.22	18	3.46	4.45
5	0.21	0.27	19	4.29	5.52
6	0.26	0.33	20	5.33	6.85
7	0.32	0.41	21	6.62	8.51
8	0.40	0.51	22	8.22	10.56
9	0.49	0.63	23	10.2	13.12
10	0.61	0.79	24	12.66	16.28
11	0.76	0.98	25	15.72	20.21
12	0.94	1.21	26	19.52	25.1
13	1.17	1.51	27	24.23	31.16
14	1.46	1.87	28	30.08	38.68
			29	37.35	48.02

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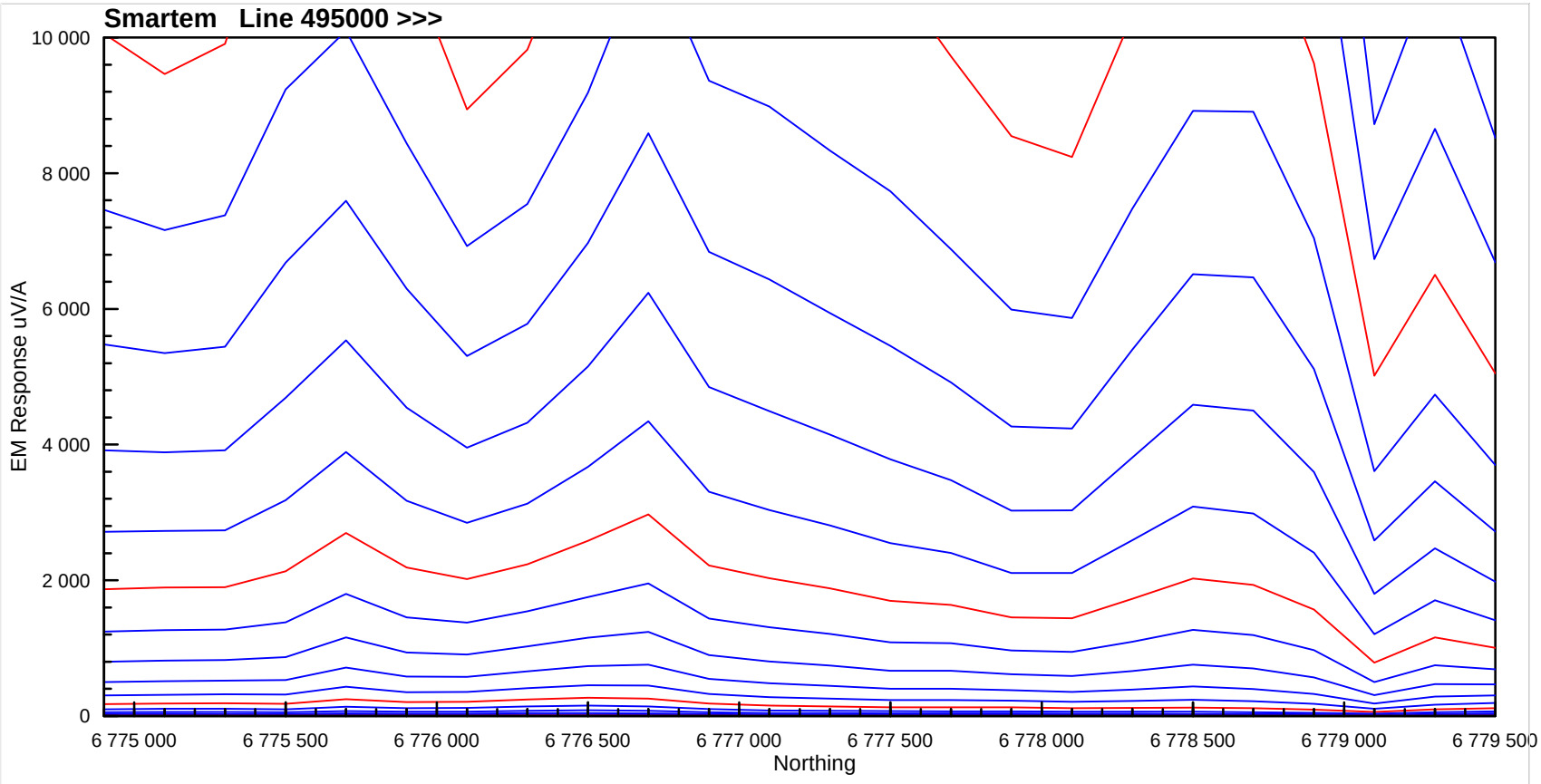
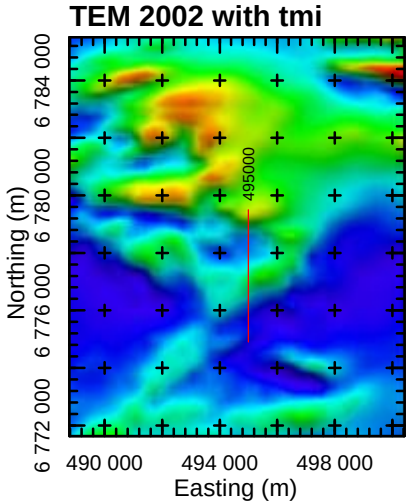
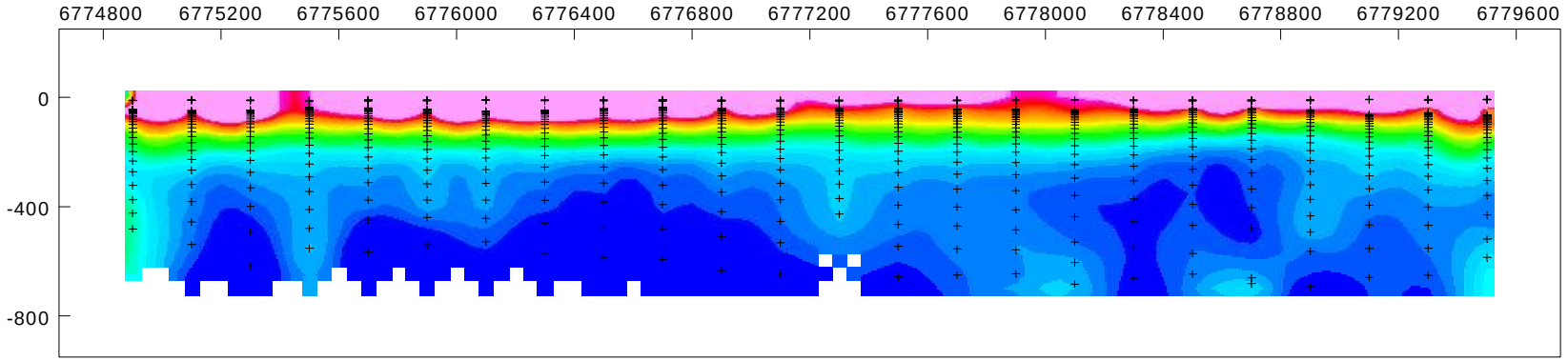
Coober Pedy Project
EL 2881
Line 484000





Line 495000E EMAX Conductivity Depth Section mS/m
Linear colour stretch 0 - 500



Survey Parameters

Configuration: Inloop
Loop Size: 200m
Contractor: Quadrant
Tx: GGT-10 Ramp: 240
Rx: Smartem Freq: 2.0833
Sensor: TEM-3 No Chs: 33
Current: 18
Window Times

Ch	Start	End	Ch	Start	End
1	0.09	0.11	18	3.46	4.45
2	0.11	0.14	19	4.29	5.52
3	0.13	0.17	20	5.33	6.85
4	0.17	0.22	21	6.62	8.51
5	0.21	0.27	22	8.22	10.56
6	0.26	0.33	23	10.2	13.12
7	0.32	0.41	24	12.66	16.28
8	0.40	0.51	25	15.72	20.21
9	0.49	0.63	26	19.52	25.1
10	0.61	0.79	27	24.23	31.16
11	0.76	0.98	28	30.08	38.68
12	0.94	1.21	29	37.35	48.02
13	1.17	1.51	30	46.36	59.61
14	1.46	1.87	31	57.56	74.01
15	1.81	2.32	32	71.46	91.88
16	2.24	2.89	33	88.72	114.06
17	2.79	3.58			

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Coober Pedy Project
EL 2881
Line 495000

Appendix 3. Digital Data

See Attached CD

Easting	Northing	elevation	g_obs	g_fa	g_bou_2p2	g_bou_2p4	g_bou_2p67	loop	line	stat	terrain	project
473009.00	6788026.00	225.60	979198.28	18.62	-2.18	-4.07	-6.62	144.00	0.00	2118.00	0.00	ACUITIAS
480122.00	6765969.00	174.47	979246.88	36.13	20.05	18.59	16.61	344.00	0.00	20496.00	0.00	ACUITIAS
461216.00	6758999.00	148.38	979235.00	11.39	-2.29	-3.53	-5.21	345.00	4612.00	7590.00	0.00	ACUITIAS
461193.00	6759402.00	146.27	979237.20	13.22	-0.26	-1.48	-3.14	345.00	4612.00	7594.00	0.00	ACUITIAS
461203.00	6759802.00	144.82	979239.90	15.75	2.40	1.19	-0.45	345.00	4612.00	7598.00	0.00	ACUITIAS
461201.00	6760211.00	145.00	979241.47	17.66	4.29	3.08	1.44	345.00	4612.00	7602.00	0.00	ACUITIAS
461203.00	6760604.00	145.04	979242.27	18.75	5.38	4.17	2.53	345.00	4612.00	7606.00	0.00	ACUITIAS
461204.00	6761000.00	145.78	979242.26	19.24	5.80	4.58	2.93	345.00	4612.00	7610.00	0.00	ACUITIAS
461207.00	6761401.00	145.84	979241.82	19.10	5.65	4.43	2.78	345.00	4612.00	7614.00	0.00	ACUITIAS
461198.00	6761812.00	146.45	979242.06	19.82	6.32	5.09	3.43	345.00	4612.00	7618.00	0.00	ACUITIAS
461201.00	6762208.00	146.95	979242.81	20.99	7.45	6.21	4.55	345.00	4612.00	7622.00	0.00	ACUITIAS
461197.00	6762603.00	149.05	979243.85	22.15	8.42	7.17	5.48	345.00	4612.00	7626.00	0.00	ACUITIAS
461188.00	6763001.00	153.19	979243.08	23.74	9.62	8.34	6.60	346.00	4612.00	7630.00	0.00	ACUITIAS
461195.00	6763402.00	156.19	979243.39	25.25	10.85	9.55	7.78	346.00	4612.00	7634.00	0.00	ACUITIAS
461205.00	6763812.00	161.83	979243.04	26.93	12.02	10.66	8.83	346.00	4612.00	7638.00	0.00	ACUITIAS
461197.00	6764198.00	161.99	979242.86	27.07	12.14	10.78	8.95	346.00	4612.00	7642.00	0.00	ACUITIAS
461191.00	6764605.00	168.73	979240.05	26.62	11.07	9.65	7.74	344.00	4612.00	7646.00	0.00	ACUITIAS
461195.00	6765002.00	175.41	979239.80	27.71	11.54	10.07	8.08	344.00	4612.00	7650.00	0.00	ACUITIAS
461193.00	6765399.00	177.67	979237.12	27.00	10.62	9.13	7.12	344.00	4612.00	7654.00	0.00	ACUITIAS
461188.00	6765798.00	175.77	979238.49	28.06	11.86	10.38	8.40	344.00	4612.00	7658.00	0.00	ACUITIAS
461192.00	6766194.00	178.06	979239.58	30.13	13.72	12.23	10.21	344.00	4612.00	7662.00	0.00	ACUITIAS
461199.00	6766593.00	178.08	979240.34	31.17	14.76	13.27	11.25	344.00	4612.00	7666.00	0.00	ACUITIAS
461190.00	6766996.00	178.36	979241.81	33.01	16.57	15.07	13.06	344.00	4612.00	7670.00	0.00	ACUITIAS
461192.00	6767405.00	177.17	979244.57	35.69	19.36	17.88	15.88	344.00	4612.00	7674.00	0.00	ACUITIAS
461191.00	6767803.00	180.03	979245.26	37.54	20.94	19.44	17.40	344.00	4612.00	7678.00	0.00	ACUITIAS
461202.00	6768193.00	183.70	979246.42	40.10	23.17	21.63	19.55	344.00	4612.00	7682.00	0.00	ACUITIAS
461202.00	6768592.00	181.94	979246.59	40.00	23.23	21.71	19.65	347.00	4612.00	7686.00	0.00	ACUITIAS
461209.00	6768989.00	177.95	979246.58	39.04	22.64	21.15	19.13	347.00	4612.00	7690.00	0.00	ACUITIAS
461198.00	6769396.00	175.82	979246.12	38.20	22.00	20.52	18.53	347.00	4612.00	7694.00	0.00	ACUITIAS
461209.00	6769807.00	173.43	979245.84	37.48	21.49	20.04	18.08	347.00	4612.00	7698.00	0.00	ACUITIAS
461197.00	6770199.00	170.04	979245.78	36.64	20.97	19.54	17.62	347.00	4612.00	7702.00	0.00	ACUITIAS
461204.00	6770603.00	171.16	979244.16	35.88	20.04	18.59	16.65	347.00	4612.00	7706.00	0.00	ACUITIAS
461204.00	6771005.00	168.98	979244.42	35.52	19.94	18.53	16.61	347.00	4612.00	7710.00	0.00	ACUITIAS
462801.00	6759007.00	147.03	979240.79	16.77	3.22	1.99	0.32	345.00	4628.00	7590.00	0.00	ACUITIAS
462798.00	6759399.00	146.51	979240.23	16.32	2.81	1.58	-0.07	345.00	4628.00	7594.00	0.00	ACUITIAS
462783.00	6759805.00	146.21	979239.47	15.75	2.27	1.05	-0.61	345.00	4628.00	7598.00	0.00	ACUITIAS
462796.00	6760207.00	146.98	979238.88	15.68	2.13	0.90	-0.76	345.00	4628.00	7602.00	0.00	ACUITIAS
462793.00	6760609.00	146.75	979239.54	16.54	3.02	1.79	0.13	345.00	4628.00	7606.00	0.00	ACUITIAS
462791.00	6760997.00	147.40	979241.05	18.53	4.94	3.71	2.04	345.00	4628.00	7610.00	0.00	ACUITIAS
462799.00	6761403.00	148.24	979242.87	20.89	7.23	5.99	4.31	345.00	4628.00	7614.00	0.00	ACUITIAS
462789.00	6761807.00	148.94	979244.05	22.56	8.83	7.58	5.90	345.00	4628.00	7618.00	0.00	ACUITIAS
462791.00	6762212.00	149.58	979243.72	22.71	8.93	7.67	5.98	345.00	4628.00	7622.00	0.00	ACUITIAS
462796.00	6762570.00	150.10	979243.48	22.89	9.05	7.79	6.10	345.00	4628.00	7626.00	0.00	ACUITIAS
462793.00	6762999.00	151.17	979242.50	22.53	8.60	7.33	5.62	346.00	4628.00	7630.00	0.00	ACUITIAS
462799.00	6763394.00	153.06	979240.95	21.84	7.74	6.45	4.72	346.00	4628.00	7634.00	0.00	ACUITIAS
462800.00	6763805.00	154.86	979240.97	22.70	8.42	7.13	5.37	346.00	4628.00	7638.00	0.00	ACUITIAS
462792.00	6764193.00	156.16	979241.49	23.89	9.50	8.19	6.42	344.00	4628.00	7642.00	0.00	ACUITIAS
462794.00	6764608.00	158.47	979241.93	25.33	10.73	9.40	7.61	347.00	4628.00	7646.00	0.00	ACUITIAS
462803.00	6764999.00	160.80	979242.33	26.72	11.90	10.55	8.74	347.00	4628.00	7650.00	0.00	ACUITIAS
462794.00	6765401.00	163.94	979242.92	28.56	13.45	12.08	10.22	347.00	4628.00	7654.00	0.00	ACUITIAS
462793.00	6765796.00	167.79	979243.13	30.24	14.77	13.36	11.47	347.00	4628.00	7658.00	0.00	ACUITIAS
462794.00	6766200.00	168.40	979244.66	32.24	16.71	15.30	13.40	347.00	4628.00	7662.00	0.00	ACUITIAS
462801.00	6766605.00	168.76	979245.10	33.07	17.51	16.10	14.19	347.00	4628.00	7666.00	0.00	ACUITIAS
462799.00	6766999.00	181.43	979242.97	35.12	18.40	16.88	14.83	347.00	4628.00	7670.00	0.00	ACUITIAS
462802.00	6767405.00	178.22	979246.40	37.84	21.41	19.92	17.90	344.00	4628.00	7674.00	0.00	ACUITIAS
462795.00	6767804.00	184.62	979247.29	40.98	23.96	22.42	20.33	347.00	4628.00	7678.00	0.00	ACUITIAS
462790.00	6768215.00	183.08	979247.80	41.30	24.43	22.89	20.82	347.00	4628.00	7682.00	0.00	ACUITIAS
462791.00	6768621.00	182.03	979247.47	41.03	24.22	22.69	20.63	347.00	4628.00	7686.00	0.00	ACUITIAS
462794.00	6769001.00	180.01	979247.32	40.42	23.83	22.32	20.29	347.00	4628.00	7690.00	0.00	ACUITIAS
462803.00	6769405.00	182.08	979245.20	39.22	22.44	20.92	18.86	347.00	4628.00	7694.00	0.00	ACUITIAS
462806.00	6769809.00	182.88	979243.76	38.30	21.45	19.91	17.85	347.00	4628.00	7698.00	0.00	ACUITIAS
462791.00	6770195.00	181.96	979242.74	37.27	20.50	18.97	16.91	347.00	4628.00	7702.00	0.00	ACUITIAS
462793.00	6770607.00	182.27	979241.98	36.89	20.09	18.56	16.50	347.00	4628.00	7706.00	0.00	ACUITIAS
462791.00	6771006.00	178.86	979241.82	35.96	19.47	17.98	15.95	347.00	4628.00	7710.00	0.00	ACUITIAS
462796.00	6771403.00	177.73	979241.16	35.95	18.72	17.24	15.23	347.00	4628.00	7714.00	0.00	ACUITIAS
462788.00	6771811.00	172.55	979241.65	34.40	18.49	17.05	15.09	347.00	4628.00	7718.00	0.00	ACUITIAS
462794.00	6772206.00	177.36	979240.43	34.94	18.59	17.10	15.10	347.00	4628.00	7722.00	0.00	ACUITIAS
464426.00	6757397.00	151.12	979234.92	11.03	-2.90	-4.16	-5.87	345.00	4644.00	7574.00	0.00	ACUITIAS
464406.00	6757806.00	148.12	979237.63	13.10	-0.55	-1.79	-3.47	345.00	4644.00	7578.00	0.00	ACUITIAS
464404.00	6758207.00	149.40	979239.87	16.02	2.25	0.99	-0.70	345.00	4644.00	7582.00	0.00	ACUITIAS
464393.00	6758594.00	150.45	979241.07	17.81	3.94	2.68	0.98	345.00	4644.00	7586.00	0.00	ACUITIAS
464403.00	6759003.00	150.28	979241.17	18.15	4.30	3.04	1.34	345.00	4644.00	7590.00	0.00	ACUITIAS
464406.00	6759398.00	149.69	979242.65	19.72	5.92	4.67	2.97	345.00	4644.00	7594.00	0.00	ACUITIAS
464407.00	6759801.00	148.97	979243.27	20.39	6.66	5.42	3.73	345.00	4644.00	7598.00	0.00	ACUITIAS
464403.00	6760202.00	148.07	979242.00	19.12	5.48	4.24	2.56	345.00	4644.00	7602.00	0.00	ACUITIAS
464400.00	6760602.00	148.79	979240.90	18.52	4.81	3.56	1.88	345.00	4644.00	7606.00	0.00	ACUITIAS
464404.00	6761000.00	149.63	979240.78	18.95	5.15	3.90	2.21	345.00	4644.00	7610.00	0.00	ACUITIAS
464401.00	6761402.00	150.57	979241.45	21.17	7.29	6.03	4.33	345.00	4644.00	7614.00	0.00	ACUITIAS
464408.00	6761801.00	151.48	979245.64	24.93	10.97	9.70	7.98	345.00	4644.00	7618.00	0.00	ACUITIAS
464402.00	6762202.00	152.43	979246.48	26.34	12.29	11.01	9.29	345.00	4644.00	7622.00	0.00	ACUITIAS
464392.00	6762598.00	152.71	979246.62	26.84	12.77	11.49	9.76	346.00	4644.00	7626.00	0.00	ACUITIAS
464397.00	6763004.00	153.38	979246.82	27.54	13.40	12.12	10.38	346.00	4644.00	7630.00	0.00	ACUITIAS
464390.00	6763410.00	153.81	979246.15	27.28	13.10	11.82	10.08	346.00	4644.00	7634.00	0.00	ACUITIAS
464400.00	6763801.00	157.00	979246.76	29.14	14.67	13.36	11.58	346.00	4644.00	7638.00	0.00	ACUITIAS
464400.00	6764190.00	157.60	979245.04	31.90	17.37	16.05	14.27	344.00	4644.00	7642.00	0.00	ACUITIAS
464395.00	6764597.00	160.97	979247.09	31.25	16.41	15.06	13.24	347.00	4644.00	7646.00	0.00	ACUITIAS
464407.00	6764994.00	164.85	979246.79	32.43	17.23	15.85	13.99	347.00	4644.00	7650.00	0.00	ACUITIAS
464413.00	6765393.00	162.73	979249.12	34.38	19.38	18.01	16.17	347.00	4644.00	7654.00	0.00	ACUITIAS
464406.00	6765802.00	163.78	979250.48	36.35	21.26	19.88	18.03	347.00	4644.00	7658.00	0.00	ACUITIAS
464398.00	6766198.00	165.83	979248.06	34.84	19.55	18.16	16.29	347.00	4644.00	7662.00	0.00	ACUITIAS
464403.00	6766604.00	166.61	979247.43	34.73	19.37	17.97	16.09	347.00	4644.00	7666.00	0.00	ACUITIAS
464395.00	6766990.00	164.73	979246.84	35.82	20.64	19.26	17.39	347.00	4644.00	7670.00	0.00	ACUITIAS
464400.00	6767399.00	165.84	979248.74	36.36	21.07	19.68	17.81	347.00	4644.00	7674.00	0.00	ACUITIAS
464394.00	6767798.00	167.94	979248.22	36.76	21.28	19.87	17.97	347.00	4644.00	7678.00	0.00	ACUITIAS
464393.00	6768203.00	172.80	979246.66	36.98	21.05	19.60	17.65	347.00	4644.00	7682.00	0.00	ACUITIAS
464399.00	6768599.00	177.66	979245.07	37.17	20.79	19.30	17.29	347.00	4644.00	7686.00	0.00	ACUITIAS
464397.00	6768996.00	185.95	979242.73	37.66	20.52	18.96	16.86	347.00	4644.00	7690.00	0.00	ACUITIAS
464398.00	6769391.00	189.10	979241.68	37.85	20.42	18.84	16.70	347.00	4644.00	7694.00	0.00	ACUITIAS
464401.00	6769796.00	192.66	979240.42	37.98	20.22	18.60	16.42	347.00	4644.00	7698.00	0.00	ACUITIAS
464390.00	6770198.00	197.28	979237.91	37.16	18.98	17.33	15.10	347.00	4644.00	7702.00	0.00	ACUITIAS
464399.00	6770609.00	193.69	979237.84	36.27	18.42	16.80	14.61	347.00	4644.00	7706.00	0.00	ACUITIAS
464386.00	6770996.00	188.12	979238.41	35.39	18.05	16.48	14.35	347.00	4644.00	7710.00	0.00	ACUITIAS
464408.00	6771395.00	183.54	979238.38	34.23	17.31	15.77	13.70	347.00	4644.00	7714.00	0.00	ACUITIAS
464398.00	6771812.00	179.78	979238.80	33.78	17.21	15.70	13.67	347.00	4644.00	7718.00	0.00	ACUITIAS
464389.00	6772212.00	177.35	979239.00	33.57	17.20	15.71	13.71	347.00	4644.00	7722.00	0.00	ACUITIAS
464396.00	6772615.00	183.97	979237.45	34.28	17.32	15.78	13.70	347.00	4644.00	7726.00	0.00	ACUITIAS
464399.00	6773010.00	185.94	979236.54	34.25	17.11	15.55	13.45	347.00	4644.00	7730.00	0.00	ACUITIAS
466002.00	6757225.00	151.72	979238.75	14.93	0.94	-0.33	-2.04	345.00	4660.00	7572.00	0.00	ACUITIAS
466001.00	6757605.00	149.27	979240.90	16.59	2.83	1.58	-0.11	345.00	4660.00	7576.00	0.00	ACUITIAS
465991.00	6758008.00	149.51	979240.55	16.59	2.81	1.56	-0.13	345.00	4660.00	7580.00	0.00	ACUITIAS
465990.00	6758401.00	152.52	979240.99	18.23	4.18	2.90	1.17	345.00	4660.00	7584.00	0.00	ACUITIAS
466001.00	6758806.00	148.27	979241.78	17.98	4.31	3.07	1.40	345.00	4660.00	7588.00	0.00	ACUITIAS
466001.00	6759203.00	150.62	979240.99	18.20	4.32	3.06	1.36	345.00	4660.00	7592.00	0.00	ACUITIAS
465995.00	6759600.00	148.47	979241.78	18.61	4.92	3.68	2.00	345.00	4660.00	7596.00	0.00	ACUITIAS
465997.00	6759999.00	149.03	979243.44	20.72	6.98	5.74	4.05	158.00	4660.00	7600.00	0.00	ACUITIAS
465998.00	6760401.00	149.95	979242.27	20.11	6.29	5.03	3.34	345.00	4660.00	7604.00	0.00	ACUITIAS
466008.00	6760806.00	149.88	979242.05	20.15	6.33	5.08	3.38	345.00	4660.00	7608.00	0.00	ACUITIAS
465992.00	6761202.00	149.92	979243.84	22.23	8.41	7.15	5.46	345.00	4660.00	7612.00	0.00	ACUITIAS
466000.00	6761602.00	150.15	979245.08	23.82	9.98	8.73	7.03	345.00	4660.00	7616.00	0.00	ACUITIAS
465997.00	6762013.00	151.28	979248.28	27.66	13.71	12.45	10.73	345.00	4660.00	7620.00	0.00	ACUITIAS
466004.00	6762405.00	153.11	979249.32	29.53	15.42	14.14	12.41	345.00	4660.00	7624.00	0.00	ACUITIAS
466005.00	6762792.00	154.26	979249.93	30.76	16.54	15.25	13.51	346.00	4660.00	7628.00	0.00	ACUITIAS
465998.00	6763202.00	156.12	979249.53	31.22	16.83	15.53	13.76	346.00	4660.00	7632.00	0.00	ACUITIAS
465997.00	6763596.00	156.91	979249.75	31.96	17.50	16.19	14.41	346.00	4660.00	7636.00	0.00	ACUITIAS
466000.00	6764002.00	158.02	979249.29	32.13	17.56	16.24	14.45	346.00	4660.00	7640.00	0.00	ACUITIAS
466001.00	6764396.00	157.91	979249.20	32.27	17.72	16.40	14.61	344.00	4660.00	7644.00	0.00	ACUITIAS
466000.00	6764812.00	158.13	979249.59	33.02	18.45	17.12	15.34	347.00	4660.00	7648.00	0.00	ACUITIAS
465990.00	6765221.00	161.38	979249.70	34.41	19.54	18.19	16.36	347.00	4660.00	7652.00	0.00	ACUITIAS
465998.00	6765602.00	165.69	979248.75	35.06	19.79	18.40	16.53	347.00	4660.00	7656.00	0.00	ACUITIAS
466003.00	6766000.00	165.47	979247.55	34.08	18.82	17.44	15.57	347.00	4660.00	7660.00	0.00	ACUITIAS
465992.00	6766404.00	163.74	979248.04	33.84	18.79	17.43	15.58	347.00	4660.00	7664.00	0.00	ACUITIAS
465996.00	6766803.00	173.88	979246.42	36.10	20.07	18.61	16.65	347.00	4660.00	7668.00	0.00	ACUITIAS
466004.00	6767207.00	173.40	979247.15	36.96	20.98	19.53	17.57	347.00	4660.00	7672.00	0.00	ACUITIAS
465996.00	6767604.00	177.59	979246.18	37.56	21.19	19.70	17.69	347.00	4660.00	7676.00	0.00	ACUITIAS
466001.00	6768010.00	180.83	979245.20	37.86	21.19	19.68	17.63	347.00	4660.00	7680.00	0.00	ACUITIAS
465995.00	6768399.00	182.02	979244.32	37.62	20.84	19.32	17.26	347.00	4660.00	7684.00	0.00	ACUITIAS
465998.00	6768796.00	184.49	979243.31	37.64	20.64	19.09	17.00	347.00	4660.00	7688.00	0.00	ACUITIAS
465992.00	6769202.00	190.30	979242.33	37.66	20.14	18.55	16.40	347.00	4660.00	7692.00	0.00	ACUITIAS
466002.00	6769597.00	192.98	979239.94	37.45	19.67	18.05	15.87	347.00	4660.00	7696.00	0.00	ACUITIAS
466004.00	6769994.00	188.24	979240.20	36.52	19.17	17.59	15.46	347.00	4660.00	7700.00	0.00	ACUITIAS
465999.00	6770400.00	187.38	979240.57	36.91	19.64	18.07	15.95	347.00	4660.00	7704.00	0.00	ACUITIAS
465994.00	6770804.00	188.28	979240.13	37.03	19.68	18.10	15.97	347.00	4660.00	7708.00	0.00	ACUITIAS
466000.00	6771201.00	188.07	979239.13	36.23	18.90	17.32	15.19	347.00	4660.00	7712.00	0.00	ACUITIAS
466000.00	6771594.00	189.33	979237.76	35.53	18.08	16.49	14.35	347.00	4660.00	7716.00	0.00	ACUITIAS
465998.00	6772003.00	190.85	979237.35	34.87	17.28	15.68	13.52	347.00	4660.00	7720.00	0.00	ACUITIAS
466006.00	6772400.00	189.92	979237.00	35.51	18.01	16.42	14.27	157.00	4660.00	7724.00	0.00	ACUITIAS
465997.00	6772807.00	192.67	979235.58	35.23	17.47	15.85	13.67	347.00	4660.00	7728.00	0.00	ACUITIAS
465997.00	6773197.00	192.64	979235.33	35.23	17.47	15.86	13.68	347.00	4660.00	7732.00	0.00	ACUITIAS
465994.00	6773600.00	191.87	979235.27	35.21	17.53	15.92	13.75	347.00	4660.00	7736.00	0.00	ACUITIAS
466002.00	6774004.00	190.07	979236.85	36.52	19.00	17.40	15.25	347.00	4660.00	7740.00	0.00	ACUITIAS
465999.00	6774404.00	194.09	979235.20	36.57	18.63	17.00	14.79	347.00	4660.00	7744.00	0.00	ACUITIAS
467606.00	6757405.00	154.47	979240.99	18.14	3.90	2.61	0.86	345.00	4676.00	7574.00	0.00	ACUITIAS
467597.00	6757799.00	153.95	979242.51	19.77	5.58	4.29	2.55	345.00	4676.00	7578.00	0.00	ACUITIAS
467585.00	6758192.00	152.66	979244.13	21.27	7.20	5.92	4.19	345.00	4676.00	7582.00	0.00	ACUITIAS
467603.00	6758589.00	152.12	979244.87	22.12	8.10	6.82	5.10	345.00	4676.00	7586.00	0.00	ACUITIAS
467591.00	6759008.00	151.94	979245.45	22.94	8.93	7.66	5.94	345.00	4676.00	7590.00	0.00	ACUITIAS
467604.00	6759394.00	153.12	979244.95	23.06	8.95	7.67	5.93	345.00	4676.00	7594.00	0.00	ACUITIAS
467601.00	6759802.00	152.58	979244.50	22.83	8.74	7.46	5.73	345.00	4676.00	7598.00	0.00	ACUITIAS
467602.00	6760197.00	153.40	979243.92	22.68	8.54	7.26	5.52	345.00	4676.00	7602.00	0.00	ACUITIAS
467612.00	6760604.00	153.20	979244.97	23.95	9.83	8.55	6.81	158.00	4676.00	7606.00	0.00	ACUITIAS
467607.00	6761006.00	151.96	979243.12	22.00	8.00	6.72	5.01	345.00	4676.00	7610.00	0.00	ACUITIAS
467601.00	6761396.00	152.32	979243.16	22.42	8.38	7.10	5.38	345.00	4676.00	7614.00	0.00	ACUITIAS
467603.00	6761802.00	152.86	979244.37	24.08	9.99	8.71	6.98	345.00	4676.00	7618.00	0.00	ACUITIAS
467597.00	6762210.00	153.72	979245.00	25.26	11.09	9.80	8.06	345.00	4676.00	7622.00	0.00	ACUITIAS
467607.00	6762601.00	155.32	979246.12	27.14	12.83	11.53	9.77	346.00	4676.00	7626.00	0.00	ACUITIAS
467591.00	6763010.00	156.81	979248.26	30.03	15.57	14.26	12.49	346.00	4676.00	7630.00	0.00	ACUITIAS
467594.00	6763403.00	157.24	979248.99	31.16	16.67	15.35	13.57	346.00	4676.00	7634.00	0.00	ACUITIAS
467601.00	6763807.00	159.49	979249.34	32.49	17.79	16.45	14.65	346.00	4676.00	7638.00	0.00	ACUITIAS
467597.00	6764201.00	164.72	979247.42	32.46	17.28	15.90	14.03	245.00	4676.00	7642.00	0.00	ACUITIAS
467591.00	6764609.00	165.72	979247.01	32.64	17.36	15.98	14.10	245.00	4676.00	7646.00	0.00	ACUITIAS
467598.00	6765008.00	162.92	979248.00	34.01	19.00	17.64	15.80	245.00	4676.00	7650.00	0.00	ACUITIAS
467590.00	6765398.00	164.49	979248.42	34.22	19.06	17.68	15.82	245.00	4676.00	7654.00	0.00	ACUITIAS
467594.00	6765809.00	166.88	979246.95	33.77	18.39	16.99	15.10	245.00	4676.00	7658.00	0.00	ACUITIAS
467601.00	6766203.00	167.72	979246.07	33.42	17.96	16.56	14.66	245.00	4676.00	7662.00	0.00	ACUITIAS
467595.00	6766604.00	170.99	979246.54	35.18	19.42	17.99	16.05	245.00	4676.00	7666.00	0.00	ACUITIAS
467597.00	6767009.00	175.04	979246.12	36.30	20.16	18.70	16.72	245.00	4676.00	7670.00	0.00	ACUITIAS
467594.00	6767404.00	176.18	979245.70	36.50	20.26	18.78	16.79	245.00	4676.00	7674.00	0.00	ACUITIAS
467600.00	6767803.00	172.57	979246.34	36.33	20.14	18.67	17.01	245.00	4676.00	7678.00	0.00	ACUITIAS
467602.00	6768213.00	176.85	979245.06	36.63	20.33	18.85	16.85	245.00	4676.00	7682.00	0.00	ACUITIAS
467599.00	6768596.00	186.05	979242.85	37.53	20.38	18.82	16.71	245.00	4676.00	7686.00	0.00	ACUITIAS
467600.00	6768998.00	185.77	979242.74	37.60	20.48	18.93	16.82

468403.00	6762603.00	157.88	979245.19	27.01	12.45	11.13	9.34	346.00	4684.00	7626.00	0.00	ACUITIAS
468401.00	6762990.00	159.73	979244.52	27.18	12.45	11.12	9.31	346.00	4684.00	7630.00	0.00	ACUITIAS
468397.00	6763402.00	160.22	979245.46	28.55	13.79	12.44	10.63	346.00	4684.00	7634.00	0.00	ACUITIAS
468399.00	6763799.00	163.24	979246.81	31.11	16.07	14.70	12.85	346.00	4684.00	7638.00	0.00	ACUITIAS
468398.00	6764192.00	168.26	979245.54	31.66	16.15	14.74	12.84	344.00	4684.00	7642.00	0.00	ACUITIAS
468394.00	6764597.00	166.30	979245.02	30.82	15.49	14.10	12.22	346.00	4684.00	7646.00	0.00	ACUITIAS
468392.00	6765003.00	168.62	979245.03	31.83	16.29	14.87	12.97	346.00	4684.00	7650.00	0.00	ACUITIAS
468394.00	6765391.00	172.25	979244.46	32.65	16.77	15.33	13.38	346.00	4684.00	7654.00	0.00	ACUITIAS
468394.00	6765798.00	175.12	979242.56	31.92	15.78	14.31	12.33	346.00	4684.00	7658.00	0.00	ACUITIAS
468405.00	6766198.00	179.25	979242.35	33.26	16.74	15.24	13.21	346.00	4684.00	7662.00	0.00	ACUITIAS
468398.00	6766601.00	179.60	979244.59	35.89	19.33	17.83	15.80	346.00	4684.00	7666.00	0.00	ACUITIAS
468400.00	6767007.00	179.26	979244.39	35.86	19.34	17.84	15.81	346.00	4684.00	7670.00	0.00	ACUITIAS
468400.00	6767398.00	188.14	979242.43	36.91	19.57	17.99	15.87	346.00	4684.00	7674.00	0.00	ACUITIAS
468389.00	6767795.00	189.86	979241.85	37.14	19.64	18.05	15.90	346.00	4684.00	7678.00	0.00	ACUITIAS
468396.00	6768195.00	191.84	979240.85	37.03	19.34	17.74	15.57	346.00	4684.00	7682.00	0.00	ACUITIAS
468402.00	6768602.00	188.92	979241.13	36.69	19.28	17.70	15.56	346.00	4684.00	7686.00	0.00	ACUITIAS
468400.00	6769004.00	194.20	979239.51	36.98	19.08	17.46	15.26	245.00	4684.00	7690.00	0.00	ACUITIAS
468389.00	6769401.00	195.92	979239.19	37.47	19.41	17.77	15.55	346.00	4684.00	7694.00	0.00	ACUITIAS
468403.00	6769798.00	193.06	979238.87	38.81	20.34	19.31	17.12	346.00	4684.00	7698.00	0.00	ACUITIAS
468389.00	6770201.00	198.09	979240.32	39.83	21.57	19.91	17.67	346.00	4684.00	7702.00	0.00	ACUITIAS
468408.00	6770603.00	198.73	979239.76	39.74	21.42	19.75	17.50	348.00	4684.00	7706.00	0.00	ACUITIAS
468402.00	6771004.00	196.78	979238.21	37.87	19.73	18.08	15.86	348.00	4684.00	7710.00	0.00	ACUITIAS
468403.00	6771398.00	196.19	979237.38	37.13	19.05	17.40	15.18	348.00	4684.00	7714.00	0.00	ACUITIAS
468404.00	6771806.00	196.44	979237.07	37.18	19.07	17.42	15.20	348.00	4684.00	7718.00	0.00	ACUITIAS
468405.00	6772214.00	199.65	979236.16	37.54	19.14	17.46	15.21	348.00	4684.00	7722.00	0.00	ACUITIAS
468402.00	6772588.00	199.58	979235.81	37.37	18.99	17.32	15.06	348.00	4684.00	7726.00	0.00	ACUITIAS
468402.00	6773013.00	198.82	979235.37	37.04	18.72	17.05	14.80	348.00	4684.00	7730.00	0.00	ACUITIAS
468401.00	6773406.00	199.00	979235.22	37.23	18.89	17.22	14.97	348.00	4684.00	7734.00	0.00	ACUITIAS
468405.00	6773807.00	199.47	979234.62	37.05	18.67	17.00	14.74	348.00	4684.00	7738.00	0.00	ACUITIAS
468407.00	6774202.00	199.70	979234.66	37.44	19.03	17.36	15.10	348.00	4684.00	7742.00	0.00	ACUITIAS
468405.00	6774606.00	197.55	979234.07	36.46	18.25	16.60	14.36	348.00	4684.00	7746.00	0.00	ACUITIAS
468407.00	6775015.00	199.34	979234.19	37.42	19.04	17.37	15.12	348.00	4684.00	7750.00	0.00	ACUITIAS
468402.00	6775403.00	200.04	979233.89	37.89	19.36	17.68	15.40	348.00	4684.00	7754.00	0.00	ACUITIAS
468402.00	6775803.00	202.25	979233.31	37.98	19.34	17.65	15.36	348.00	4684.00	7758.00	0.00	ACUITIAS
470011.00	6757395.00	155.28	979242.12	19.51	5.20	3.90	2.14	346.00	4700.00	7574.00	0.00	ACUITIAS
470002.00	6757800.00	154.89	979243.27	20.82	6.55	5.25	3.50	346.00	4700.00	7578.00	0.00	ACUITIAS
469998.00	6758195.00	155.52	979244.27	22.29	7.95	6.65	4.89	346.00	4700.00	7582.00	0.00	ACUITIAS
470000.00	6758588.00	156.30	979245.16	23.69	9.29	7.98	6.21	346.00	4700.00	7586.00	0.00	ACUITIAS
469993.00	6759004.00	156.98	979245.52	24.54	10.07	8.76	6.98	346.00	4700.00	7590.00	0.00	ACUITIAS
470000.00	6759391.00	156.82	979245.60	24.85	10.39	9.08	7.31	346.00	4700.00	7594.00	0.00	ACUITIAS
470012.00	6759813.00	158.75	979246.21	26.35	11.72	10.39	8.59	346.00	4700.00	7598.00	0.00	ACUITIAS
469998.00	6760197.00	157.62	979247.97	28.02	13.50	12.18	10.39	346.00	4700.00	7602.00	0.00	ACUITIAS
469998.00	6760600.00	157.55	979248.98	29.30	14.78	13.46	11.67	346.00	4700.00	7606.00	0.00	ACUITIAS
469996.00	6761003.00	157.12	979249.90	30.37	15.89	14.57	12.79	346.00	4700.00	7610.00	0.00	ACUITIAS
470001.00	6761402.00	160.46	979249.31	31.08	16.29	14.94	13.13	346.00	4700.00	7614.00	0.00	ACUITIAS
470000.00	6761804.00	163.26	979248.32	31.24	16.19	14.82	12.97	346.00	4700.00	7618.00	0.00	ACUITIAS
470003.00	6762196.00	168.12	979246.49	31.18	15.69	14.28	12.38	346.00	4700.00	7622.00	0.00	ACUITIAS
469996.00	6762606.00	173.94	979244.31	31.08	15.05	13.59	11.63	346.00	4700.00	7626.00	0.00	ACUITIAS
469988.00	6762997.00	169.54	979243.69	29.37	13.74	12.32	10.41	344.00	4700.00	7630.00	0.00	ACUITIAS
469997.00	6763413.00	173.12	979241.04	28.12	12.16	10.71	8.75	346.00	4700.00	7634.00	0.00	ACUITIAS
469999.00	6763795.00	177.61	979239.85	28.58	12.21	10.72	8.71	346.00	4700.00	7638.00	0.00	ACUITIAS
470001.00	6764206.00	180.04	979237.67	27.43	10.84	9.33	7.29	346.00	4700.00	7642.00	0.00	ACUITIAS
469999.00	6764612.00	180.26	979237.28	27.51	10.86	9.35	7.30	346.00	4700.00	7646.00	0.00	ACUITIAS
469999.00	6765007.00	183.53	979237.08	28.48	11.57	10.03	7.95	346.00	4700.00	7650.00	0.00	ACUITIAS
469992.00	6765401.00	181.97	979238.48	29.67	12.90	11.37	9.31	346.00	4700.00	7654.00	0.00	ACUITIAS
469998.00	6765802.00	184.19	979239.53	31.68	14.71	13.16	11.08	346.00	4700.00	7658.00	0.00	ACUITIAS
470003.00	6766202.00	182.23	979242.17	34.00	17.20	15.68	13.62	346.00	4700.00	7662.00	0.00	ACUITIAS
469995.00	6766595.00	187.65	979241.51	35.28	17.98	16.41	14.29	346.00	4700.00	7666.00	0.00	ACUITIAS
470000.00	6766993.00	188.01	979240.83	35.24	17.84	16.25	14.12	346.00	4700.00	7670.00	0.00	ACUITIAS
469992.00	6767404.00	189.34	979240.75	35.61	18.16	16.57	14.43	346.00	4700.00	7674.00	0.00	ACUITIAS
469985.00	6767806.00	189.48	979240.79	35.96	18.50	16.91	14.77	346.00	4700.00	7678.00	0.00	ACUITIAS
469999.00	6768205.00	189.90	979240.48	36.06	18.56	16.97	14.82	346.00	4700.00	7682.00	0.00	ACUITIAS
469992.00	6768602.00	190.15	979239.83	35.77	18.24	16.65	14.50	346.00	4700.00	7686.00	0.00	ACUITIAS
470003.00	6769011.00	192.44	979239.36	36.28	18.55	16.93	14.76	346.00	4700.00	7690.00	0.00	ACUITIAS
469994.00	6769402.00	194.61	979239.34	37.21	19.27	17.64	15.44	346.00	4700.00	7694.00	0.00	ACUITIAS
469995.00	6769796.00	197.12	979239.51	38.43	20.25	18.61	16.38	346.00	4700.00	7698.00	0.00	ACUITIAS
469999.00	6770198.00	197.56	979240.51	39.85	21.64	19.98	17.75	346.00	4700.00	7702.00	0.00	ACUITIAS
470002.00	6770609.00	194.85	979242.46	41.24	23.28	21.65	19.45	348.00	4700.00	7706.00	0.00	ACUITIAS
470016.00	6770995.00	192.80	979242.05	40.46	22.69	21.08	18.89	348.00	4700.00	7710.00	0.00	ACUITIAS
469998.00	6771406.00	191.89	979241.15	39.57	21.88	20.28	18.11	348.00	4700.00	7714.00	0.00	ACUITIAS
470006.00	6771807.00	192.50	979240.25	39.14	21.40	19.79	17.61	348.00	4700.00	7718.00	0.00	ACUITIAS
469995.00	6772200.00	193.82	979238.21	37.78	19.91	18.29	16.10	348.00	4700.00	7722.00	0.00	ACUITIAS
469999.00	6772595.00	193.13	979238.13	38.29	20.36	19.34	17.16	348.00	4700.00	7726.00	0.00	ACUITIAS
470005.00	6773004.00	191.51	979241.06	40.47	22.82	21.22	19.05	348.00	4700.00	7730.00	0.00	ACUITIAS
470000.00	6773397.00	190.53	979241.38	40.77	23.20	21.61	19.45	348.00	4700.00	7734.00	0.00	ACUITIAS
469994.00	6773796.00	193.73	979240.32	40.96	23.11	21.48	19.29	348.00	4700.00	7738.00	0.00	ACUITIAS
469995.00	6774200.00	195.17	979238.48	39.85	21.86	20.23	18.02	348.00	4700.00	7742.00	0.00	ACUITIAS
469990.00	6774605.00	197.76	979236.79	39.24	21.01	19.35	17.12	348.00	4700.00	7746.00	0.00	ACUITIAS
469994.00	6775001.00	202.05	979234.27	38.59	19.82	18.13	15.84	348.00	4700.00	7750.00	0.00	ACUITIAS
469980.00	6775413.00	205.72	979232.02	37.49	18.53	16.81	14.48	348.00	4700.00	7754.00	0.00	ACUITIAS
469996.00	6775802.00	200.74	979233.16	37.36	18.86	17.17	14.90	348.00	4700.00	7758.00	0.00	ACUITIAS
469992.00	6776210.00	195.78	979234.13	37.09	19.04	17.40	15.19	348.00	4700.00	7762.00	0.00	ACUITIAS
469994.00	6776614.00	196.47	979233.80	37.24	19.13	17.49	15.27	348.00	4700.00	7766.00	0.00	ACUITIAS
469995.00	6777003.00	199.47	979232.42	37.06	18.68	17.01	14.75	348.00	4700.00	7770.00	0.00	ACUITIAS
470802.00	6770854.00	190.60	979243.38	41.02	23.45	21.85	19.70	257.00	4707.00	7708.00	0.00	ACUITIAS
470797.00	6771211.00	191.56	979243.34	41.46	23.82	22.22	20.05	257.00	4707.00	7712.00	0.00	ACUITIAS
470774.00	6771649.00	196.74	979241.33	41.42	23.28	21.64	19.41	257.00	4707.00	7716.00	0.00	ACUITIAS
470797.00	6772029.00	196.67	979239.68	40.01	21.88	20.24	18.01	257.00	4707.00	7720.00	0.00	ACUITIAS
470770.00	6772843.00	192.01	979242.67	42.12	24.42	22.81	20.64	257.00	4707.00	7728.00	0.00	ACUITIAS
470784.00	6773240.00	189.51	979243.04	41.99	24.53	22.94	20.79	257.00	4707.00	7732.00	0.00	ACUITIAS
470788.00	6773603.00	188.96	979243.02	42.06	24.64	23.06	20.92	257.00	4707.00	7736.00	0.00	ACUITIAS
470777.00	6774011.00	190.21	979242.16	41.87	24.33	22.74	20.59	257.00	4707.00	7740.00	0.00	ACUITIAS
470795.00	6774405.00	193.35	979241.54	41.48	23.66	22.04	19.85	257.00	4707.00	7744.00	0.00	ACUITIAS
470781.00	6774824.00	195.32	979238.05	39.90	21.89	20.26	18.05	257.00	4707.00	7748.00	0.00	ACUITIAS
470795.00	6775252.00	194.91	979236.48	38.50	20.53	18.90	16.69	257.00	4707.00	7752.00	0.00	ACUITIAS
470836.00	6770005.00	194.73	979241.97	40.29	22.34	20.71	18.51	257.00	4708.00	7700.00	0.00	ACUITIAS
470827.00	6770404.00	194.27	979242.24	40.70	22.79	21.16	18.97	257.00	4708.00	7704.00	0.00	ACUITIAS
470815.00	6772470.00	194.47	979241.94	41.90	23.97	22.34	20.14	257.00	4708.00	7724.00	0.00	ACUITIAS
471619.00	6757405.00	161.00	979243.33	19.52	4.67	3.32	1.50	337.00	4716.00	7574.00	0.00	ACUITIAS
471622.00	6757805.00	160.31	979241.97	21.19	6.41	5.07	3.26	337.00	4716.00	7578.00	0.00	ACUITIAS
471609.00	6758203.00	160.92	979242.58	22.26	7.43	6.08	4.26	337.00	4716.00	7582.00	0.00	ACUITIAS
471612.00	6758598.00	160.62	979242.99	22.86	8.05	6.71	4.89	337.00	4716.00	7586.00	0.00	ACUITIAS
471621.00	6759013.00	162.25	979243.07	23.73	8.78	7.42	5.58	337.00	4716.00	7590.00	0.00	ACUITIAS
471613.00	6759412.00	162.09	979243.70	24.59	9.65	8.29	6.46	337.00	4716.00	7594.00	0.00	ACUITIAS
471611.00	6759798.00	163.35	979244.20	25.75	10.69	9.32	7.48	337.00	4716.00	7598.00	0.00	ACUITIAS
471607.00	6760196.00	166.32	979244.34	27.08	11.75	10.36	8.48	337.00	4716.00	7602.00	0.00	ACUITIAS
471610.00	6760596.00	168.34	979245.44	29.09	13.57	12.16	10.26	337.00	4716.00	7606.00	0.00	ACUITIAS
471611.00	6761006.00	170.99	979245.48	30.22	14.46	13.03	11.09	337.00	4716.00	7610.00	0.00	ACUITIAS
471607.00	6761398.00	168.94	979246.69	31.08	15.50	14.09	12.18	337.00	4716.00	7614.00	0.00	ACUITIAS
471595.00	6761808.00	162.83	979248.79	31.58	16.57	15.20	13.36	337.00	4716.00	7618.00	0.00	ACUITIAS
471600.00	6762207.00	162.05	979249.06	31.88	16.95	15.59	13.76	337.00	4716.00	7622.00	0.00	ACUITIAS
471596.00	6762598.00	165.82	979247.96	32.22	16.94	15.55	13.67	337.00	4716.00	7626.00	0.00	ACUITIAS
471597.00	6762999.00	169.04	979246.93	32.27	17.07	15.64	13.72	337.00	4716.00	7630.00	0.00	ACUITIAS
471599.00	6763407.00	173.10	979245.33	32.39	16.44	14.99	13.03	337.00	4716.00	7634.00	0.00	ACUITIAS
471596.00	6763803.00	175.34	979242.18	30.21	14.05	12.58	10.59	337.00	4716.00	7638.00	0.00	ACUITIAS
471599.00	6764204.00	182.26	979237.92	28.36	11.56	10.04	7.97	337.00	4716.00	7642.00	0.00	ACUITIAS
471605.00	6764595.00	184.73	979236.29	27.77	10.74	9.19	7.10	348.00	4716.00	7646.00	0.00	ACUITIAS
471602.00	6764993.00	189.27	979235.42	28.58	11.13	9.54	7.40	348.00	4716.00	7650.00	0.00	ACUITIAS
471605.00	6765390.00	189.00	979236.29	29.92	12.41	10.82	8.67	348.00	4716.00	7654.00	0.00	ACUITIAS
471607.00	6765806.00	189.57	979238.36	32.17	14.70	13.11	10.97	348.00	4716.00	7658.00	0.00	ACUITIAS
471597.00	6766201.00	187.82	979239.41	32.96	15.65	14.07	11.95	348.00	4716.00	7662.00	0.00	ACUITIAS
471595.00	6766608.00	185.62	979239.30	32.45	15.34	13.79	11.69	348.00	4716.00	7666.00	0.00	ACUITIAS
471598.00	6767009.00	184.75	979239.16	32.32	15.30	13.75	11.66	348.00	4716.00	7670.00	0.00	ACUITIAS
471591.00	6767404.00	185.23	979239.33	32.92	15.84	14.29	12.20	348.00	4716.00	7674.00	0.00	ACUITIAS
471599.00	6767803.00	185.03	979239.79	33.59	16.53	14.98	12.89	348.00	4716.00	7678.00	0.00	ACUITIAS
471589.00	6768206.00	186.37	979240.03	34.68	17.45	15.89	13.77	348.00	4716.00	7682.00	0.00	ACUITIAS
471621.00	6768598.00	188.01	979240.54	35.81	18.48	16.90	14.78	348.00	4716.00	7686.00	0.00	ACUITIAS
471622.00	6769001.00	188.51	979241.46	37.17	19.79	18.22	16.08	348.00	4716.00	7690.00	0.00	ACUITIAS
471618.00	6769414.00	190.23	979242.04	38.57	21.03	19.44	17.29	348.00	4716.00	7694.00	0.00	ACUITIAS
471619.00	6769798.00	193.13	979242.76	40.44	22.64	21.03	18.84	348.00	4716.00	7698.00	0.00	ACUITIAS
471619.00	6770198.00	192.11	979243.40	41.05	23.34	21.73	19.56	348.00	4716.00	7702.00	0.00	ACUITIAS
471620.00	6770599.00	189.73	979243.73	41.49	24.13	22.55	20.42	348.00	4716.00	7706.00	0.00	ACUITIAS
471620.00	6770997.00	189.54	979244.48	41.89	24.42	22.83	20.69	348.00	4716.00	7710.00	0.00	ACUITIAS
471600.00	6771399.00	189.55	979243.87	41.56	24.09	22.50	20.36	348.00	4716.00	7714.00	0.00	ACUITIAS
471618.00	6771792.00	193.76	979241.37	40.63	22.77	21.15	18.96	348.00	4716.00	7718.00	0.00	ACUITIAS
471621.00	6772198.00	193.38	979239.77	39.20	21.38	19.76	17.57	348.00	4716.00	7722.00	0.00	ACUITIAS
471615.00	6772596.00	191.46	979240.46	39.57	21.92	20.32	18.15	348.00	4716.00	7726.00	0.00	ACUITIAS
471611.00	6773008.00	187.19	979242.21	40.29	23.03	21.46	19.35	348.00	4716.00	7730.00	0.00	ACUITIAS
471611.00	6773397.00	186.43	979243.48	40.60	23.42	21.85	19.74	348.00	4716.00	7734.00	0.00	ACUITIAS
471613.00	6773798.00	186.78	979242.21	40.71	23.50	21.93	19.82	348.00	4716.00	7738.00	0.00	ACUITIAS
471618.00	6774186.00	189.35	979240.56	40.12	22.67	21.08	18.94	348.00	4716.00	7742.00	0.00	ACUITIAS
471602.00	6774595.00	188.58	979239.87	39.48	22.10	20.52	18.39	348.00	4716.00	7746.00	0.00	ACUITIAS
471598.00	6774998.00	188.96	979238.76	38.77	21.35	19.76	17.63	348.00	4716.00	7750.00	0.00	ACUITIAS
471602.00	6775397.00	192.53	979236.58	37.96	20.21	18.60	16.42	348.00	4716.00	7754.00	0.00	ACUITIAS
471602.00	6775796.00	197.63	979233.65	36.89	18.67	17.02	14.78	348.00	4716.00	7758.00	0.00	ACUITIAS
471605.00	6776197.00	200.43	979232.04	35.88	17.38	15.70	13.43	348.00	4716.00	7762.00	0.00	ACUITIAS
471608.00	6776592.00	202.07	979229.70	34.86	16.24	14.54	12.26	348.00	4716.00	7766.00	0.00	ACUITIAS
471605.00	6776999.00	203.29	979228.40	34.22	15.48	13.77	11.47	348.00	4716.00	7770.00	0.00	ACUITIAS
471612.00	6777397.00	203.47	979227.64	33.79	15.04	13.33	11.03	348.00	4716.00	7774.00	0.00	ACUITIAS
471602.00	6777789.00	202.21	979226.84	32.87	14.23	12.54	10.25	348.00	4716.00	7778.00	0.00	ACUITIAS
472380.00	6769421.00	188.99	979242.95	39.10	21.68	20.09	17.96	257.00	4723.00	7694.00	0.00	ACUITIAS
472383.00	6769800.00	190.73	979242.45	41.44	23.66	22.26	20.10	257.00	4723.00	7698.00	0.00	ACUITIAS
472400.00	6771084.00	185.56	979245.31	41.55	24.45	22.89	20.79	257.00	4723.00	7710.00	0.00	ACUITIAS
472397.00	6771753.00	186.44	979244.85	41.83	24.64	23.08	20.97	257.00	4723.00	7718.00	0.00	ACUITIAS
472397.00	6773052.00	184.77	979240.49	37.85	20.82	19.27	17.18	257.00	4723.00	7730.00	0.00	ACUITIAS
472379.00	6773423.00	186.52	979240.79	38.95	21.75	20.19	18.08	257.00	4723.00	7734.00	0.00	ACUITIAS
472398.00	6773808.00	188.85	979240.27	39.41	22.01	20.42	18.29	257.00	4723.00	7738.00	0.00	ACUITIAS
472397.00	6774200.00	189.72	979239.98	39.66	22.18	20.59	18.44	257.00	4723.00	7742.00	0.00	ACUITIAS
472418.00	6769801.00	187.47	979242.71	38.10	20.82	19.25	17.13	257.00	4724.00	7690.00	0.00	ACUITIAS
472407.00	6770204.00	189.60	979245.51	42.38	24.91	23.32	21.17	257.00	4724.00	7702.00	0.00	ACUITIAS
472453.00	6770603.00	187.11	979245.04	41.42	24.18	22.61	20.49	257.00	4724.00	7706.00	0.00	ACUITIAS
472407.00	6771440.00	186.88	979245.29	42.19	24.96	23.39	21.28	257.00	4724.00	7714.00	0.00	ACUITIAS
472413.00	6772186.00	186.48	979242.50	39.79	22.60	21.04	18.93	257.00	4724.00	7722.00	0.00	ACUITIAS
472410.00	6772568.00	183.78	979241.09	37.82	20.88	19.34	17.26	257.00	4724.00	7726.00	0.00	ACUITIAS
472409.00	6774631.00	190.55	979239.09	39.33	21.77	20.17	18.01	257.00	4724.00	7746.00	0.00	ACUITIAS
472404.00	6775040.00	190.85	979237.92	37.63	20.04	18.44	16.28	257.00	4724.00	7750.00	0.00	ACUITIAS
472423.00	6775417.00	192.74	979235.18	36.64	18.88	17.26	15.08	257.00	4724.00	7754.00	0.00	ACUITIAS
473201.00	6757812.00	170.25	979239.35	21.64	5.95	4.53	2.60	337.00	4732.00	7578.00	0.00	ACUITIAS
473201.00	6758202.00	170.06	979240.07	22.58	6.90	5.48	3.55	337.00	4732.00	7582.00	0.00	ACUITIAS
473187.00	6758608.00	170.98	979240.61	23.68	7.92	6.49	4.56	337.00	4732.00	7586.00	0.00	ACUITIAS
473195.00	6759003.00	172.04	979241.34	25.01	9.16	7.72	5.77	337.00	4732.00	7590.00	0.00	ACUITIAS
473194.00	6759406.00	171.12	979242.58	26.25	10.48	9.04	7.11	337.00	4732.00	7594.00	0.00	ACUITIAS
473197.00	6759806.00	171.53	979243.79	27.86	12.05	10.62	8.68	337.00	4732.00	7598.00	0.00	ACUITIAS
473200.00	6760199.00	171.70	979244.26	28.66	12.84	11.40	9.46	337.00	4732.00	7602.00	0.00	ACUITIAS
473191.00	6760607.00	170.20	979244.82	29.04	13.35	11.93	10.00	337.00	4732.00	7606.00	0.00	ACUITIAS
473195.00	6761006.00	170.22	979245.95	30.45	14.76	13.34	11.41	337.00	4732.00	7610.00	0.00	ACUITIAS
473192.00	6761405.00	168.56	979247.03	31.30	15.76	14.35	12.44	337.00	4732.00	7614.00	0.00	ACUITIAS
473198.00	6761809.00	168.08	979247.26	31.66	16.17	14.76	12.86	337.00	4732.00	7618.00	0.00	ACUITIAS
473208.00	6762208.00	171.02	979246.12	31.70	15.94	14.50	12.57	337.00	4732.00	7622.00	0.00	ACUITIAS
473201.00	6762604.00	171.64	979245.65	31.70	15.88	14.44	12.50	337.00	4732.00	7626.00	0.00	ACUITIAS
473210.00	6763000.00	174.36	979246.02	33.19	17.12	15.66	13.69	337.00	4732.00	7630.00	0.00	ACUITIAS
473205.00	6763407.00	173.72

473199.00	6775406.00	190.04	979238.68	39.30	21.78	20.19	18.04	248.00	4732.00	7754.00	0.00	ACUITIAS
473194.00	6775803.00	189.66	979238.05	38.83	21.35	19.76	17.61	248.00	4732.00	7758.00	0.00	ACUITIAS
473197.00	6776199.00	192.26	979236.34	38.20	20.48	18.86	16.69	248.00	4732.00	7762.00	0.00	ACUITIAS
473202.00	6776595.00	194.13	979235.51	38.22	20.33	18.70	16.50	248.00	4732.00	7766.00	0.00	ACUITIAS
473197.00	6777006.00	195.50	979233.67	37.08	19.06	17.42	15.21	248.00	4732.00	7770.00	0.00	ACUITIAS
473189.00	6777414.00	198.06	979231.41	35.89	17.64	15.98	13.74	248.00	4732.00	7774.00	0.00	ACUITIAS
473193.00	6777816.00	199.99	979229.92	35.28	16.85	15.17	12.91	248.00	4732.00	7778.00	0.00	ACUITIAS
473191.00	6778222.00	200.43	979228.85	34.63	16.16	14.48	12.21	248.00	4732.00	7782.00	0.00	ACUITIAS
473184.00	6778614.00	200.34	979227.94	33.96	15.50	13.82	11.55	248.00	4732.00	7786.00	0.00	ACUITIAS
473186.00	6778999.00	202.30	979226.65	33.55	14.90	13.21	10.92	248.00	4732.00	7790.00	0.00	ACUITIAS
473985.00	6769622.00	182.85	979243.34	37.73	20.87	19.34	17.27	257.00	4739.00	7696.00	0.00	ACUITIAS
473971.00	6770028.00	182.50	979242.45	37.01	20.19	18.66	16.59	257.00	4739.00	7700.00	0.00	ACUITIAS
473972.00	6770391.00	183.49	979242.19	37.39	20.39	18.85	16.78	257.00	4739.00	7704.00	0.00	ACUITIAS
473954.00	6770824.00	181.19	979243.46	38.17	21.47	19.95	17.90	257.00	4739.00	7708.00	0.00	ACUITIAS
473975.00	6771227.00	181.74	979243.33	38.49	21.74	20.21	18.16	257.00	4739.00	7712.00	0.00	ACUITIAS
473993.00	6771594.00	180.73	979243.02	38.12	21.46	19.95	17.90	257.00	4739.00	7716.00	0.00	ACUITIAS
473989.00	6771957.00	182.49	979241.94	37.83	21.01	19.48	17.42	257.00	4739.00	7720.00	0.00	ACUITIAS
473993.00	6772427.00	183.88	979241.80	38.45	21.50	19.96	17.88	257.00	4739.00	7724.00	0.00	ACUITIAS
473979.00	6772863.00	185.77	979242.17	39.66	22.54	20.99	18.89	257.00	4739.00	7728.00	0.00	ACUITIAS
473978.00	6773212.00	185.84	979242.24	40.04	22.91	21.35	19.25	257.00	4739.00	7732.00	0.00	ACUITIAS
473968.00	6773610.00	186.47	979242.07	40.34	23.15	21.59	19.48	257.00	4739.00	7736.00	0.00	ACUITIAS
473976.00	6773991.00	187.69	979241.59	40.51	23.21	21.63	19.51	257.00	4739.00	7740.00	0.00	ACUITIAS
473999.00	6774422.00	188.95	979240.66	40.26	22.84	21.26	19.12	257.00	4739.00	7744.00	0.00	ACUITIAS
473992.00	6774798.00	191.23	979239.31	39.87	22.25	20.64	18.48	257.00	4739.00	7748.00	0.00	ACUITIAS
473978.00	6775199.00	193.02	979238.19	39.58	21.79	20.17	17.99	257.00	4739.00	7752.00	0.00	ACUITIAS
474002.00	6776041.00	194.03	979236.52	38.81	20.93	19.30	17.10	257.00	4739.00	7760.00	0.00	ACUITIAS
474022.00	6769198.00	185.55	979243.24	38.17	21.06	19.51	17.41	257.00	4740.00	7692.00	0.00	ACUITIAS
474009.00	6775622.00	193.58	979237.14	39.00	21.16	19.54	17.35	257.00	4740.00	7756.00	0.00	ACUITIAS
474801.00	6758607.00	171.39	979241.69	24.88	9.08	7.65	5.71	337.00	4748.00	7586.00	0.00	ACUITIAS
474814.00	6759010.00	174.67	979240.53	25.02	8.92	7.46	5.48	337.00	4748.00	7590.00	0.00	ACUITIAS
474801.00	6759400.00	182.03	979239.37	26.40	9.62	8.10	6.04	337.00	4748.00	7594.00	0.00	ACUITIAS
474804.00	6759794.00	176.47	979241.58	27.17	10.90	9.42	7.43	337.00	4748.00	7598.00	0.00	ACUITIAS
474802.00	6760202.00	173.81	979243.32	28.37	12.35	10.89	8.92	337.00	4748.00	7602.00	0.00	ACUITIAS
474808.00	6760600.00	171.55	979244.43	29.06	13.25	11.81	9.87	337.00	4748.00	7606.00	0.00	ACUITIAS
474806.00	6761000.00	171.39	979244.63	29.49	13.69	12.26	10.32	337.00	4748.00	7610.00	0.00	ACUITIAS
474802.00	6761401.00	172.88	979243.87	29.47	13.53	12.08	10.13	337.00	4748.00	7614.00	0.00	ACUITIAS
474803.00	6761811.00	174.65	979242.97	29.40	13.30	11.83	9.86	337.00	4748.00	7618.00	0.00	ACUITIAS
474787.00	6762205.00	176.89	979242.05	29.45	13.14	11.66	9.66	337.00	4748.00	7622.00	0.00	ACUITIAS
474795.00	6762604.00	179.88	979241.51	30.04	13.48	11.98	9.94	337.00	4748.00	7626.00	0.00	ACUITIAS
474797.00	6763000.00	182.60	979240.71	30.41	13.58	12.05	9.99	337.00	4748.00	7630.00	0.00	ACUITIAS
474798.00	6763410.00	188.67	979239.13	30.99	13.60	12.02	9.89	337.00	4748.00	7634.00	0.00	ACUITIAS
474795.00	6763804.00	191.41	979238.87	31.85	14.21	12.61	10.44	337.00	4748.00	7638.00	0.00	ACUITIAS
474799.00	6764194.00	191.88	979238.62	32.02	14.34	12.73	10.56	337.00	4748.00	7642.00	0.00	ACUITIAS
474794.00	6764603.00	192.10	979238.49	32.24	14.53	12.92	10.75	344.00	4748.00	7646.00	0.00	ACUITIAS
474800.00	6765004.00	187.79	979240.00	32.71	15.40	13.82	11.70	344.00	4748.00	7650.00	0.00	ACUITIAS
474800.00	6765406.00	183.09	979240.93	32.46	15.59	14.05	11.98	344.00	4748.00	7654.00	0.00	ACUITIAS
474795.00	6765797.00	179.57	979241.21	31.93	15.38	13.87	11.84	344.00	4748.00	7658.00	0.00	ACUITIAS
474802.00	6766200.00	178.25	979241.76	32.35	15.92	14.42	12.41	344.00	4748.00	7662.00	0.00	ACUITIAS
474799.00	6766608.00	177.90	979241.39	32.15	15.75	14.26	12.25	344.00	4748.00	7666.00	0.00	ACUITIAS
474800.00	6767002.00	179.28	979240.69	32.16	15.63	14.13	12.10	344.00	4748.00	7670.00	0.00	ACUITIAS
474802.00	6767399.00	180.64	979239.93	32.09	15.44	13.93	11.88	344.00	4748.00	7674.00	0.00	ACUITIAS
474801.00	6767799.00	177.35	979240.57	31.99	15.64	14.16	12.15	344.00	4748.00	7678.00	0.00	ACUITIAS
474796.00	6768194.00	176.86	979240.99	32.51	16.22	14.74	12.74	344.00	4748.00	7682.00	0.00	ACUITIAS
474804.00	6768603.00	177.46	979241.93	33.95	17.59	16.11	14.10	344.00	4748.00	7686.00	0.00	ACUITIAS
474792.00	6769010.00	178.85	979243.41	36.14	19.65	18.16	16.13	344.00	4748.00	7690.00	0.00	ACUITIAS
474802.00	6769414.00	179.16	979244.45	37.56	21.04	19.54	17.51	248.00	4748.00	7694.00	0.00	ACUITIAS
474803.00	6769799.00	178.22	979244.66	37.74	21.31	19.82	17.81	248.00	4748.00	7698.00	0.00	ACUITIAS
474811.00	6770206.00	179.35	979244.00	37.71	21.18	19.68	17.65	248.00	4748.00	7702.00	0.00	ACUITIAS
474810.00	6770603.00	180.72	979243.72	38.13	21.47	19.96	17.91	248.00	4748.00	7706.00	0.00	ACUITIAS
474800.00	6771007.00	181.58	979243.37	38.32	21.59	20.06	18.01	248.00	4748.00	7710.00	0.00	ACUITIAS
474799.00	6771409.00	183.09	979242.04	37.74	20.86	19.33	17.25	248.00	4748.00	7714.00	0.00	ACUITIAS
474801.00	6771814.00	183.46	979241.89	37.98	21.07	19.53	17.46	248.00	4748.00	7718.00	0.00	ACUITIAS
474814.00	6772203.00	184.50	979242.25	38.94	21.93	20.39	18.30	248.00	4748.00	7722.00	0.00	ACUITIAS
474804.00	6772613.00	185.93	979242.27	39.69	22.55	20.99	18.89	248.00	4748.00	7726.00	0.00	ACUITIAS
474807.00	6773008.00	185.87	979242.65	40.32	23.19	21.63	19.53	248.00	4748.00	7730.00	0.00	ACUITIAS
474803.00	6773408.00	187.51	979242.29	40.74	23.46	21.89	19.77	248.00	4748.00	7734.00	0.00	ACUITIAS
474797.00	6773798.00	189.40	979241.33	40.64	23.18	21.59	19.45	245.00	4748.00	7738.00	0.00	ACUITIAS
474804.00	6774214.00	189.88	979240.84	40.58	23.08	21.49	19.34	248.00	4748.00	7742.00	0.00	ACUITIAS
474803.00	6774612.00	191.42	979240.10	40.59	22.95	21.35	19.18	248.00	4748.00	7746.00	0.00	ACUITIAS
474795.00	6774991.00	193.22	979238.39	39.70	21.89	20.27	18.09	248.00	4748.00	7750.00	0.00	ACUITIAS
474799.00	6775412.00	195.42	979236.90	39.18	21.17	19.53	17.32	248.00	4748.00	7754.00	0.00	ACUITIAS
474803.00	6775803.00	197.63	979235.19	38.43	20.22	18.56	16.33	257.00	4748.00	7758.00	0.00	ACUITIAS
474811.00	6776205.00	197.87	979234.14	37.73	19.49	17.84	15.60	248.00	4748.00	7762.00	0.00	ACUITIAS
474807.00	6776615.00	201.26	979232.65	37.56	19.01	17.33	15.05	248.00	4748.00	7766.00	0.00	ACUITIAS
474808.00	6777010.00	203.65	979231.27	37.20	18.42	16.72	14.41	248.00	4748.00	7770.00	0.00	ACUITIAS
474803.00	6777403.00	205.13	979230.09	36.75	17.84	16.12	13.80	248.00	4748.00	7774.00	0.00	ACUITIAS
474810.00	6777805.00	206.18	979228.19	35.45	16.45	14.72	12.39	248.00	4748.00	7778.00	0.00	ACUITIAS
474801.00	6778204.00	212.03	979226.13	35.47	15.93	14.15	11.76	248.00	4748.00	7782.00	0.00	ACUITIAS
474809.00	6778602.00	213.02	979224.69	34.62	14.98	13.20	10.79	248.00	4748.00	7786.00	0.00	ACUITIAS
474810.00	6779009.00	212.69	979223.86	33.96	14.36	12.57	10.17	248.00	4748.00	7790.00	0.00	ACUITIAS
474805.00	6779401.00	212.91	979223.10	33.54	13.92	12.13	9.72	248.00	4748.00	7794.00	0.00	ACUITIAS
474804.00	6779808.00	214.39	979221.48	32.66	12.90	11.11	8.68	248.00	4748.00	7798.00	0.00	ACUITIAS
475591.00	6772784.00	189.14	979240.83	39.35	21.92	20.33	18.20	257.00	4755.00	7726.00	0.00	ACUITIAS
475600.00	6773233.00	190.03	979240.83	39.93	22.42	20.82	18.67	257.00	4755.00	7730.00	0.00	ACUITIAS
475608.00	6773941.00	187.68	979241.28	40.15	22.85	21.28	19.16	257.00	4755.00	7738.00	0.00	ACUITIAS
475603.00	6774308.00	193.58	979239.59	40.56	22.71	21.09	18.90	257.00	4755.00	7742.00	0.00	ACUITIAS
475590.00	6774728.00	195.75	979238.17	40.08	22.04	20.40	18.18	257.00	4755.00	7746.00	0.00	ACUITIAS
475587.00	6775045.00	197.48	979236.79	39.45	21.25	19.59	17.36	257.00	4755.00	7750.00	0.00	ACUITIAS
475618.00	6772329.00	189.69	979240.42	38.80	21.31	19.72	17.58	257.00	4756.00	7722.00	0.00	ACUITIAS
475612.00	6773623.00	188.18	979241.46	40.26	22.92	21.34	19.21	257.00	4756.00	7734.00	0.00	ACUITIAS
476405.00	6758995.00	169.87	979239.08	22.07	6.42	4.99	3.07	337.00	4764.00	7590.00	0.00	ACUITIAS
476392.00	6759407.00	169.19	979239.39	22.46	6.87	5.45	3.54	337.00	4764.00	7594.00	0.00	ACUITIAS
476396.00	6759813.00	167.76	979240.22	23.14	7.67	6.27	4.37	337.00	4764.00	7598.00	0.00	ACUITIAS
476394.00	6760202.00	169.55	979241.46	25.19	9.56	8.14	6.22	337.00	4764.00	7602.00	0.00	ACUITIAS
476402.00	6760597.00	172.04	979241.94	26.71	10.86	9.42	7.47	337.00	4764.00	7606.00	0.00	ACUITIAS
476400.00	6761001.00	175.37	979241.18	27.26	11.10	9.63	7.65	337.00	4764.00	7610.00	0.00	ACUITIAS
476395.00	6761401.00	179.11	979239.30	26.82	10.31	8.81	6.78	337.00	4764.00	7614.00	0.00	ACUITIAS
476399.00	6761804.00	184.38	979238.05	27.48	10.48	8.94	6.85	337.00	4764.00	7618.00	0.00	ACUITIAS
476397.00	6762202.00	192.75	979236.18	28.46	10.60	9.08	6.90	337.00	4764.00	7622.00	0.00	ACUITIAS
476398.00	6762595.00	196.38	979235.45	29.13	11.03	9.38	7.16	337.00	4764.00	7626.00	0.00	ACUITIAS
476399.00	6763001.00	193.12	979236.66	29.61	11.81	10.20	8.01	337.00	4764.00	7630.00	0.00	ACUITIAS
476397.00	6763401.00	189.76	979237.48	29.67	12.18	10.59	8.45	337.00	4764.00	7634.00	0.00	ACUITIAS
476402.00	6763802.00	191.17	979236.85	29.75	12.13	10.53	8.37	337.00	4764.00	7638.00	0.00	ACUITIAS
476400.00	6764200.00	186.37	979238.04	29.75	12.57	11.01	8.90	337.00	4764.00	7642.00	0.00	ACUITIAS
476402.00	6764602.00	183.69	979238.48	29.63	12.70	11.16	9.08	344.00	4764.00	7646.00	0.00	ACUITIAS
476402.00	6764996.00	180.59	979238.79	29.38	12.70	11.18	9.14	344.00	4764.00	7650.00	0.00	ACUITIAS
476397.00	6765399.00	178.07	979239.60	29.57	13.16	11.67	9.66	344.00	4764.00	7654.00	0.00	ACUITIAS
476400.00	6765801.00	175.92	979240.92	30.51	14.30	12.82	10.83	344.00	4764.00	7658.00	0.00	ACUITIAS
476398.00	6766211.00	174.40	979242.10	31.51	15.44	13.97	12.00	344.00	4764.00	7662.00	0.00	ACUITIAS
476413.00	6766596.00	175.78	979242.82	32.92	16.72	15.25	13.26	344.00	4764.00	7666.00	0.00	ACUITIAS
476396.00	6767003.00	177.45	979241.67	32.56	16.21	14.72	12.71	344.00	4764.00	7670.00	0.00	ACUITIAS
476395.00	6773304.00	192.08	979236.22	36.07	18.36	16.75	14.58	146.00	4764.00	7734.00	0.00	ACUITIAS
476397.00	6773783.00	193.28	979235.41	35.90	18.08	16.46	14.28	146.00	4764.00	7738.00	0.00	ACUITIAS
476407.00	6774197.00	193.74	979234.83	35.74	17.89	16.26	14.07	146.00	4764.00	7742.00	0.00	ACUITIAS
476404.00	6774598.00	191.49	979235.18	35.68	18.03	16.43	14.26	146.00	4764.00	7746.00	0.00	ACUITIAS
476402.00	6775002.00	192.59	979234.01	35.13	17.38	15.77	13.59	146.00	4764.00	7750.00	0.00	ACUITIAS
476406.00	6775409.00	195.67	979231.41	33.77	15.73	14.09	11.88	146.00	4764.00	7754.00	0.00	ACUITIAS
476409.00	6775806.00	198.11	979229.80	33.18	14.92	13.26	11.02	146.00	4764.00	7758.00	0.00	ACUITIAS
476402.00	6776212.00	198.38	979228.97	32.71	14.42	12.76	10.52	146.00	4764.00	7762.00	0.00	ACUITIAS
476405.00	6776601.00	199.13	979228.29	32.53	14.18	12.51	10.26	146.00	4764.00	7766.00	0.00	ACUITIAS
476404.00	6777001.00	200.81	979227.32	32.37	13.86	12.17	9.90	146.00	4764.00	7770.00	0.00	ACUITIAS
476408.00	6777405.00	202.01	979226.15	31.85	13.23	11.54	9.25	146.00	4764.00	7774.00	0.00	ACUITIAS
476394.00	6777804.00	202.08	979225.30	31.29	12.67	10.97	8.69	146.00	4764.00	7778.00	0.00	ACUITIAS
476394.00	6778201.00	204.99	979223.68	30.85	11.95	10.24	7.92	146.00	4764.00	7782.00	0.00	ACUITIAS
476392.00	6778601.00	206.63	979222.32	30.27	11.22	9.49	7.15	146.00	4764.00	7786.00	0.00	ACUITIAS
476405.00	6779008.00	206.63	979222.10	30.19	11.19	9.46	7.13	146.00	4764.00	7790.00	0.00	ACUITIAS
476400.00	6779403.00	210.04	979222.02	31.58	12.22	10.46	8.08	146.00	4764.00	7794.00	0.00	ACUITIAS
476401.00	6779812.00	214.30	979221.41	32.56	12.81	11.01	8.59	146.00	4764.00	7798.00	0.00	ACUITIAS
476396.00	6780205.00	217.17	979219.07	31.38	11.36	9.54	7.09	146.00	4764.00	7802.00	0.00	ACUITIAS
476409.00	6780598.00	220.15	979215.93	29.43	9.14	7.30	4.81	146.00	4764.00	7806.00	0.00	ACUITIAS
476398.00	6780997.00	221.15	979213.56	27.65	7.26	5.41	2.91	146.00	4764.00	7810.00	0.00	ACUITIAS
476412.00	6781391.00	217.72	979212.58	25.75	5.72	3.90	1.44	146.00	4764.00	7814.00	0.00	ACUITIAS
477202.00	6759204.00	166.96	979237.57	19.81	4.42	3.02	1.13	336.00	4772.00	7592.00	0.00	ACUITIAS
477206.00	6759603.00	167.61	979238.16	20.87	5.43	4.02	2.13	336.00	4772.00	7596.00	0.00	ACUITIAS
477205.00	6759988.00	168.65	979238.65	21.96	6.41	5.00	3.09	337.00	4772.00	7600.00	0.00	ACUITIAS
477203.00	6760393.00	172.15	979239.11	23.78	7.91	6.47	4.52	337.00	4772.00	7604.00	0.00	ACUITIAS
477197.00	6760806.00	177.88	979238.41	25.13	8.74	7.25	5.24	337.00	4772.00	7608.00	0.00	ACUITIAS
477195.00	6761199.00	178.77	979240.24	27.51	11.03	9.53	7.51	337.00	4772.00	7612.00	0.00	ACUITIAS
477206.00	6761603.00	178.75	979241.49	29.01	12.56	11.06	9.04	337.00	4772.00	7614.00	0.00	ACUITIAS
477198.00	6762407.00	181.87	979241.11	30.18	13.42	11.89	9.83	344.00	4772.00	7624.00	0.00	ACUITIAS
477208.00	6762805.00	179.78	979241.51	30.21	13.64	12.13	10.10	344.00	4772.00	7628.00	0.00	ACUITIAS
477199.00	6763200.00	181.55	979240.93	30.45	13.72	12.19	10.14	344.00	4772.00	7632.00	0.00	ACUITIAS
477200.00	6763604.00	182.84	979241.27	31.47	14.61	13.08	11.01	344.00	4772.00	7636.00	0.00	ACUITIAS
477209.00	6764012.00	183.43	979241.55	32.21	15.30	13.77	11.69	344.00	4772.00	7640.00	0.00	ACUITIAS
477210.00	6764399.00	179.97	979241.90	31.77	15.18	13.67	11.64	344.00	4772.00	7644.00	0.00	ACUITIAS
477206.00	6764801.00	177.66	979241.73	31.23	14.83	13.34	11.33	344.00	4772.00	7648.00	0.00	ACUITIAS
477204.00	6765194.00	175.59	979241.93	31.00	14.81	13.34	11.36	344.00	4772.00	7652.00	0.00	ACUITIAS
477209.00	6765602.00	173.10	979242.52	31.10	15.15	13.70	11.74	344.00	4772.00	7656.00	0.00	ACUITIAS
477204.00	6766002.00	174.82	979242.87	32.26	16.15	14.68	12.70	344.00	4772.00	7660.00	0.00	ACUITIAS
477205.00	6766412.00	176.16	979243.73	33.81	17.58	16.10	14.11	344.00	4772.00	7664.00	0.00	ACUITIAS
477196.00	6766808.00	177.97	979242.90	33.83	17.42	15.93	13.92	344.00	4772.00	7668.00	0.00	ACUITIAS
477204.00	6767201.00	181.38	979242.92	33.31	16.97	15.49	13.47	344.00	4772.00	7674.00	0.00	ACUITIAS
477204.00	6767802.00	183.82	979236.86	30.28	13.34	11.80	9.72	344.00	4772.00	7678.00	0.00	ACUITIAS
477200.00	6768208.00	188.59	979234.86	30.03	12.65	11.07	8.94	344.00	4772.00	7682.00	0.00	ACUITIAS
477202.00	6768608.00	203.59	979230.62	30.69	11.93	10.22	7.92	344.00	4772.00	7686.00	0.00	ACUITIAS
477192.00	6769003.00	208.51	979229.03	30.90	11.68	9.93	7.57	344.00	4772.00	7690.00	0.00	ACUITIAS
477195.00	6769414.00	205.31	979229.63	30.80	11.87	10.15	7.83	146.00	4772.00	7694.00	0.00	ACUITIAS
477196.00	6769818.00	202.21	979230.13	30.62	11.98	10.29	8.00	146.00	4772.00	7698.00	0.00	ACUITIAS
477196.00	6770212.00	201.29	979230.18	30.63	12.08	10.40	8.12	146.00	4772.00	7702.00	0.00	ACUITIAS
477198.00	6770611.00	198.72	979230.68	30.65	12.33	10.67	8.42	146.00	4772.00	7706.00	0.00	ACUITIAS
477205.00	6770998.00	201.85	979229.94	31.14	12.53	10.84	8.56	146.00	4772.00	7710.00	0.00	ACUITIAS
477213.00	6771415.00	210.81	979227.88	32.14	12.70	10.94	8.55	146.00	4772.00	7714.00	0.00	ACUITIAS
477213.00	6771810.00	206.91	979229.07	32.40	13.32	11.59	9.25	146.00	4772.00	7718.00	0.00	ACUITIAS
477200.00	6772204.00	203.60	979230.04	32.61	13.85	12.14	9.84	257.00	4772.00	7722.00	0.00	ACUITIAS
477211.00	6772600.00	201.27	979230.61	32.74	14.19	12.50	10.23	146.00	4772.00	7726.00	0.00	ACUITIAS
477203.00	6773019.00	197.13	979231.56	32.95	14.71	13.05	10.81	146.00	4772.00	7730.00	0.00	ACUITIAS
477203.00	6773402.00	199.79	979231.08	33.32	14.90	13.23	10.97	146.00	4772.00	7734.00	0.00	ACUITIAS
477203.00	6773801.00	198.68	979230.98	33.15	14.83	13.17	10.92	146.00	4772.00	7738.00	0.00	ACUITIAS
477197.00	6774218.00	200.25	979230.20	33.14	14.68	13.00	10.74	146.00	4772.00	7742.00	0.00	ACUITIAS
477215.00	6774615.00	197.12	979230.33	32.58	14.41	12.76	10.53	146.00	4772.00	7746.00	0.00	ACUITIAS
477210.00	6775006.00	198.05	979229.69	32.50	14.24	12.58	10.34	146.00	4772.00	7750.00	0.00	ACUITIAS
477206.00	6775414.00	198.00	979229.06	32.04	13.70	12.13	9.89	146.00	4772.00	7754.00	0.00	ACUITIAS
477199.00	6775817.00	200.32	979228.00	32.07	13.61	11.93	9.66	146.00	4772.00	7758.00	0.00	ACUITIAS
477210.00	6776210.00	198.26	979228.26	31.97	13.69	12.03	9.79	146.00	4772.00	7762.00	0.00	ACUITIAS
477199.00	6776620.00	199.85	979227.74	32.22	13.80	12.13	9.87	146.00	4772.00	7766.00	0.00	ACUITIAS
477203.00	6777021.00	200.55	979227.00	31.98	13.49	11.81	9.54	146.00	4772.00	7770.00	0.00	ACUITIAS
477205.00	6777398.00	201.15	979226.21	31.63	13.09	11.41	9.13	146.00	4772.00	7774.00	0.00	ACUITIAS
477208.00	6777825.00	202.64	979224.96	31.14	12.46	10.76	8.47	146.00	4772.00	7778.00	0.00	ACUITIAS
477207.00	6778194.00	205.53	979224.45	30.73	11.80	10.08	7.76	146.00	4772.00	7782.00	0.00	ACUITIAS
477205.00	6778602.00	209.49	979221.53	30.36	11.05	9.30	6.93	146.00	4772.00	7786.00	0.00	ACUITIAS
477201.00	6779016.00	207.49	979222.00	30.50	11.38	9.64	7.29	146.00	4772.00	7790.00	0.00	ACUITIAS
477202.00	6779416.00

478791.00	6763011.00	170.64	979246.73	32.75	17.02	15.59	13.66	344.00	4788.00	7630.00	0.00	ACUITIAS
478797.00	6763409.00	171.20	979246.42	32.88	17.10	15.67	13.73	344.00	4788.00	7634.00	0.00	ACUITIAS
478798.00	6763806.00	171.69	979245.51	32.40	16.58	15.14	13.20	344.00	4788.00	7638.00	0.00	ACUITIAS
478799.00	6764212.00	172.94	979245.16	32.72	16.78	15.34	13.38	344.00	4788.00	7642.00	0.00	ACUITIAS
478797.00	6764617.00	173.69	979244.58	32.66	16.65	15.19	13.23	344.00	4788.00	7646.00	0.00	ACUITIAS
478801.00	6765011.00	174.38	979244.31	32.87	16.80	15.33	13.36	344.00	4788.00	7650.00	0.00	ACUITIAS
478801.00	6765405.00	174.90	979244.19	33.19	17.07	15.60	13.62	344.00	4788.00	7654.00	0.00	ACUITIAS
478799.00	6765823.00	175.54	979245.19	34.68	18.50	17.03	15.04	344.00	4788.00	7658.00	0.00	ACUITIAS
478802.00	6766214.00	176.33	979245.30	35.30	19.04	17.57	15.57	258.00	4788.00	7662.00	0.00	ACUITIAS
478804.00	6766608.00	176.76	979244.45	34.86	18.57	17.09	15.09	344.00	4788.00	7666.00	0.00	ACUITIAS
478792.00	6767000.00	178.29	979243.05	34.20	17.77	16.27	14.25	344.00	4788.00	7670.00	0.00	ACUITIAS
478801.00	6767415.00	181.52	979239.98	32.42	15.69	14.16	12.11	344.00	4788.00	7674.00	0.00	ACUITIAS
478799.00	6768211.00	184.02	979237.24	30.00	13.04	11.49	9.41	146.00	4788.00	7682.00	0.00	ACUITIAS
478795.00	6768608.00	184.49	979235.40	29.58	12.57	11.03	8.94	146.00	4788.00	7686.00	0.00	ACUITIAS
478801.00	6769005.00	184.44	979235.56	30.00	13.00	11.46	9.37	146.00	4788.00	7690.00	0.00	ACUITIAS
478793.00	6769394.00	184.54	979236.35	31.09	14.08	12.53	10.45	146.00	4788.00	7694.00	0.00	ACUITIAS
478798.00	6769816.00	186.14	979237.79	33.32	16.16	14.60	12.50	146.00	4788.00	7698.00	0.00	ACUITIAS
478797.00	6770194.00	187.93	979237.63	33.98	16.66	15.08	12.96	146.00	4788.00	7702.00	0.00	ACUITIAS
478795.00	6770591.00	191.06	979235.01	33.77	16.10	14.50	12.33	146.00	4788.00	7706.00	0.00	ACUITIAS
478799.00	6771009.00	199.29	979234.56	34.98	16.61	14.94	12.68	146.00	4788.00	7710.00	0.00	ACUITIAS
478799.00	6771403.00	203.66	979234.54	36.58	17.81	16.10	13.80	146.00	4788.00	7714.00	0.00	ACUITIAS
478796.00	6771806.00	204.98	979235.09	37.81	18.92	17.20	14.88	146.00	4788.00	7718.00	0.00	ACUITIAS
478796.00	6772206.00	201.96	979235.74	37.81	19.20	17.51	15.22	146.00	4788.00	7722.00	0.00	ACUITIAS
478797.00	6772594.00	197.11	979235.99	36.83	18.66	17.01	14.78	146.00	4788.00	7726.00	0.00	ACUITIAS
478806.00	6772997.00	197.88	979234.58	35.94	17.71	16.05	13.81	146.00	4788.00	7730.00	0.00	ACUITIAS
478795.00	6773401.00	199.29	979233.26	35.37	16.99	15.32	13.07	146.00	4788.00	7734.00	0.00	ACUITIAS
478800.00	6773801.00	200.22	979233.72	36.36	17.90	16.23	13.96	146.00	4788.00	7738.00	0.00	ACUITIAS
478793.00	6774207.00	208.35	979231.88	37.31	18.11	16.36	14.01	146.00	4788.00	7742.00	0.00	ACUITIAS
478796.00	6774617.00	201.33	979232.71	36.26	17.70	16.01	13.74	146.00	4788.00	7746.00	0.00	ACUITIAS
478789.00	6775005.00	196.01	979235.65	37.83	19.76	18.12	15.90	245.00	4788.00	7750.00	0.00	ACUITIAS
478792.00	6775406.00	195.90	979235.51	37.93	19.88	18.23	16.02	146.00	4788.00	7754.00	0.00	ACUITIAS
478798.00	6775797.00	197.51	979233.40	36.59	18.38	16.73	14.49	146.00	4788.00	7758.00	0.00	ACUITIAS
478793.00	6776214.00	199.73	979232.41	35.57	17.16	15.49	13.23	146.00	4788.00	7762.00	0.00	ACUITIAS
478798.00	6776606.00	205.26	979229.59	35.73	16.81	15.09	12.77	146.00	4788.00	7766.00	0.00	ACUITIAS
478791.00	6776993.00	204.51	979229.38	35.56	16.71	15.00	12.68	146.00	4788.00	7770.00	0.00	ACUITIAS
478798.00	6777400.00	199.16	979229.59	34.40	16.05	14.38	12.12	146.00	4788.00	7774.00	0.00	ACUITIAS
478804.00	6777792.00	198.57	979228.60	33.50	15.20	13.53	11.29	146.00	4788.00	7778.00	0.00	ACUITIAS
478792.00	6778209.00	199.00	979227.12	32.44	14.10	12.43	10.18	146.00	4788.00	7782.00	0.00	ACUITIAS
478807.00	6778608.00	199.59	979225.30	31.08	12.68	11.01	8.75	146.00	4788.00	7786.00	0.00	ACUITIAS
478798.00	6778998.00	200.93	979223.78	30.25	11.73	10.04	7.77	146.00	4788.00	7790.00	0.00	ACUITIAS
478800.00	6779397.00	202.89	979222.37	29.71	11.01	9.31	7.02	146.00	4788.00	7794.00	0.00	ACUITIAS
478793.00	6779796.00	204.65	979221.32	29.48	10.62	8.90	6.59	146.00	4788.00	7798.00	0.00	ACUITIAS
478800.00	6780195.00	205.63	979220.55	29.29	10.34	8.61	6.29	146.00	4788.00	7802.00	0.00	ACUITIAS
478792.00	6780586.00	205.28	979219.91	28.81	9.89	8.17	5.85	146.00	4788.00	7806.00	0.00	ACUITIAS
478796.00	6781002.00	203.26	979218.71	27.27	8.54	6.83	4.53	146.00	4788.00	7810.00	0.00	ACUITIAS
478793.00	6781402.00	203.66	979217.09	26.12	7.33	5.62	3.32	146.00	4788.00	7814.00	0.00	ACUITIAS
478796.00	6781793.00	203.94	979215.98	25.31	6.51	4.80	2.49	146.00	4788.00	7818.00	0.00	ACUITIAS
478788.00	6782201.00	206.02	979215.34	25.59	6.60	4.87	2.54	146.00	4788.00	7822.00	0.00	ACUITIAS
478786.00	6782599.00	204.01	979215.66	25.56	6.76	5.05	2.74	146.00	4788.00	7826.00	0.00	ACUITIAS
479589.00	6762819.00	173.43	979243.78	30.53	14.54	13.09	11.13	258.00	4795.00	7628.00	0.00	ACUITIAS
479609.00	6764046.00	173.55	979247.44	35.08	19.08	17.63	15.66	258.00	4795.00	7640.00	0.00	ACUITIAS
479549.00	6764455.00	172.27	979247.54	35.06	19.13	17.74	15.79	258.00	4795.00	7644.00	0.00	ACUITIAS
479582.00	6764831.00	171.42	979247.16	34.68	18.88	17.45	15.51	258.00	4795.00	7648.00	0.00	ACUITIAS
479570.00	6765230.00	173.05	979246.52	34.82	18.87	17.42	15.46	258.00	4795.00	7652.00	0.00	ACUITIAS
479570.00	6765630.00	173.90	979245.79	34.63	18.60	17.14	15.18	258.00	4795.00	7656.00	0.00	ACUITIAS
479587.00	6766018.00	174.78	979246.40	35.79	19.68	18.21	16.24	258.00	4795.00	7660.00	0.00	ACUITIAS
479601.00	6766435.00	176.00	979245.67	35.72	19.50	18.03	16.04	258.00	4795.00	7664.00	0.00	ACUITIAS
479597.00	6766793.00	176.89	979244.63	35.21	18.90	17.42	15.42	258.00	4795.00	7668.00	0.00	ACUITIAS
479616.00	6767158.00	172.57	979242.30	27.91	12.02	10.57	8.62	258.00	4795.00	7672.00	0.00	ACUITIAS
479633.00	6762010.00	172.52	979242.82	28.72	12.82	11.37	9.42	258.00	4796.00	7620.00	0.00	ACUITIAS
479622.00	6762441.00	172.92	979243.24	29.56	13.62	12.17	10.22	258.00	4796.00	7624.00	0.00	ACUITIAS
479606.00	6763178.00	173.88	979244.67	31.81	15.78	14.32	12.36	258.00	4796.00	7632.00	0.00	ACUITIAS
479642.00	6763664.00	174.06	979245.75	33.28	17.24	15.78	13.81	258.00	4796.00	7636.00	0.00	ACUITIAS
480405.00	6759003.00	168.86	979236.18	18.86	3.30	1.89	-0.02	336.00	4804.00	7590.00	0.00	ACUITIAS
480401.00	6759400.00	169.44	979237.15	20.29	4.67	3.25	1.34	336.00	4804.00	7594.00	0.00	ACUITIAS
480412.00	6759853.00	170.00	979237.96	21.55	5.88	4.46	2.54	336.00	4804.00	7598.00	0.00	ACUITIAS
480400.00	6760206.00	170.41	979239.30	23.30	7.59	6.16	4.24	336.00	4804.00	7602.00	0.00	ACUITIAS
480388.00	6760614.00	171.01	979239.40	23.86	8.10	6.67	4.73	144.00	4804.00	7606.00	0.00	ACUITIAS
480398.00	6761006.00	171.62	979240.14	25.07	9.25	7.81	5.87	144.00	4804.00	7610.00	0.00	ACUITIAS
480391.00	6761211.00	171.97	979240.45	25.62	9.77	8.33	6.39	144.00	4804.00	7612.00	0.00	ACUITIAS
480398.00	6761605.00	172.37	979240.75	26.32	10.44	8.99	7.04	144.00	4804.00	7616.00	0.00	ACUITIAS
480402.00	6762001.00	172.87	979241.00	27.01	11.07	9.63	7.67	346.00	4804.00	7620.00	0.00	ACUITIAS
480394.00	6762413.00	173.44	979241.90	28.37	12.38	10.93	8.97	144.00	4804.00	7624.00	0.00	ACUITIAS
480402.00	6762814.00	173.96	979242.73	29.63	13.60	12.14	10.17	144.00	4804.00	7628.00	0.00	ACUITIAS
480402.00	6763205.00	174.31	979243.10	30.38	14.32	12.86	10.89	144.00	4804.00	7632.00	0.00	ACUITIAS
480398.00	6763607.00	174.39	979243.79	31.38	15.31	13.85	11.88	144.00	4804.00	7636.00	0.00	ACUITIAS
480388.00	6764012.00	174.96	979244.99	33.04	16.91	15.44	13.46	144.00	4804.00	7640.00	0.00	ACUITIAS
480389.00	6764411.00	175.27	979246.20	34.61	18.46	16.99	15.01	144.00	4804.00	7644.00	0.00	ACUITIAS
480394.00	6764805.00	175.83	979247.25	36.05	19.87	18.39	16.41	144.00	4804.00	7648.00	0.00	ACUITIAS
480399.00	6765209.00	176.09	979247.94	37.17	20.94	19.46	17.47	144.00	4804.00	7652.00	0.00	ACUITIAS
480394.00	6765613.00	175.82	979248.17	37.59	21.38	19.91	17.92	144.00	4804.00	7656.00	0.00	ACUITIAS
480401.00	6766004.00	175.58	979247.58	37.20	21.02	19.54	17.56	144.00	4804.00	7660.00	0.00	ACUITIAS
480391.00	6766405.00	175.52	979245.42	35.30	19.13	17.66	15.67	144.00	4804.00	7664.00	0.00	ACUITIAS
480398.00	6766814.00	175.81	979243.62	33.88	17.67	16.20	14.21	144.00	4804.00	7668.00	0.00	ACUITIAS
480396.00	6767209.00	176.08	979242.52	33.13	16.90	15.43	13.44	144.00	4804.00	7672.00	0.00	ACUITIAS
480402.00	6767610.00	176.00	979241.75	32.64	16.41	14.94	12.95	145.00	4804.00	7676.00	0.00	ACUITIAS
480400.00	6768204.00	176.15	979240.23	31.55	15.32	13.84	11.85	145.00	4804.00	7682.00	0.00	ACUITIAS
480397.00	6768605.00	178.18	979238.84	31.07	14.64	13.15	11.14	145.00	4804.00	7686.00	0.00	ACUITIAS
480401.00	6768812.00	178.96	979238.37	30.98	14.49	12.99	10.96	145.00	4804.00	7688.00	0.00	ACUITIAS
480401.00	6769204.00	179.40	979239.35	32.38	15.84	14.34	12.31	145.00	4804.00	7692.00	0.00	ACUITIAS
480404.00	6769607.00	180.55	979240.93	34.59	17.95	16.43	14.39	145.00	4804.00	7696.00	0.00	ACUITIAS
480401.00	6770009.00	181.66	979241.58	35.86	19.12	17.60	15.54	145.00	4804.00	7700.00	0.00	ACUITIAS
480399.00	6770407.00	181.62	979241.39	36.02	19.25	17.73	15.67	145.00	4804.00	7704.00	0.00	ACUITIAS
480404.00	6770812.00	182.57	979240.72	35.83	19.01	17.48	15.41	145.00	4804.00	7708.00	0.00	ACUITIAS
480403.00	6771210.00	184.28	979239.94	35.86	18.87	17.33	15.24	145.00	4804.00	7712.00	0.00	ACUITIAS
480400.00	6771600.00	184.83	979239.51	35.87	18.83	17.29	15.20	145.00	4804.00	7716.00	0.00	ACUITIAS
480402.00	6772002.00	185.95	979238.76	35.75	18.61	17.05	14.95	145.00	4804.00	7720.00	0.00	ACUITIAS
480392.00	6772398.00	186.18	979238.81	36.14	18.98	17.42	15.31	145.00	4804.00	7724.00	0.00	ACUITIAS
480403.00	6772799.00	186.56	979238.86	36.53	19.35	17.79	15.68	145.00	4804.00	7728.00	0.00	ACUITIAS
480401.00	6773206.00	186.72	979238.25	36.31	19.10	17.53	15.42	145.00	4804.00	7732.00	0.00	ACUITIAS
480393.00	6773602.00	187.33	979237.98	36.51	19.24	17.67	15.55	145.00	4804.00	7736.00	0.00	ACUITIAS
480403.00	6774008.00	187.27	979238.57	37.35	20.09	18.52	16.40	145.00	4804.00	7740.00	0.00	ACUITIAS
480393.00	6774406.00	187.66	979238.52	37.70	20.40	18.83	16.71	145.00	4804.00	7744.00	0.00	ACUITIAS
480409.00	6774807.00	188.29	979237.71	37.36	20.01	18.43	16.30	145.00	4804.00	7748.00	0.00	ACUITIAS
480405.00	6775199.00	188.69	979237.64	37.69	20.30	18.72	16.59	145.00	4804.00	7752.00	0.00	ACUITIAS
480400.00	6775608.00	189.13	979237.66	38.12	20.69	19.10	16.96	145.00	4804.00	7756.00	0.00	ACUITIAS
480399.00	6776005.00	190.09	979237.42	38.46	20.94	19.35	17.19	145.00	4804.00	7760.00	0.00	ACUITIAS
480397.00	6776407.00	190.29	979236.81	38.19	20.65	19.06	16.90	145.00	4804.00	7764.00	0.00	ACUITIAS
480396.00	6776801.00	190.97	979235.98	37.85	20.24	18.64	16.48	145.00	4804.00	7768.00	0.00	ACUITIAS
480403.00	6777210.00	191.78	979234.76	37.16	19.48	17.88	15.71	145.00	4804.00	7772.00	0.00	ACUITIAS
480402.00	6777603.00	192.46	979233.79	36.67	18.93	17.32	15.14	145.00	4804.00	7776.00	0.00	ACUITIAS
480404.00	6778001.00	193.02	979232.67	36.00	18.21	16.59	14.41	145.00	4804.00	7780.00	0.00	ACUITIAS
480403.00	6778405.00	193.26	979232.44	36.12	18.30	16.68	14.50	145.00	4804.00	7784.00	0.00	ACUITIAS
480390.00	6778808.00	193.73	979231.23	35.33	17.48	15.85	13.66	145.00	4804.00	7788.00	0.00	ACUITIAS
480400.00	6779205.00	195.12	979229.20	34.01	16.02	14.39	12.18	145.00	4804.00	7792.00	0.00	ACUITIAS
480405.00	6779601.00	196.30	979227.70	33.15	15.06	13.41	11.19	145.00	4804.00	7796.00	0.00	ACUITIAS
480399.00	6779995.00	198.72	979226.25	32.72	14.40	12.73	10.49	145.00	4804.00	7800.00	0.00	ACUITIAS
480399.00	6780394.00	197.57	979225.81	32.20	13.99	12.34	10.10	145.00	4804.00	7804.00	0.00	ACUITIAS
480404.00	6780800.00	196.62	979224.84	31.20	13.14	11.49	9.26	145.00	4804.00	7808.00	0.00	ACUITIAS
480399.00	6781200.00	196.97	979223.30	30.07	11.91	10.26	8.03	145.00	4804.00	7812.00	0.00	ACUITIAS
480401.00	6781606.00	196.07	979222.44	29.21	11.13	9.49	7.27	145.00	4804.00	7816.00	0.00	ACUITIAS
480401.00	6782012.00	195.83	979221.37	28.35	10.30	8.66	6.44	145.00	4804.00	7820.00	0.00	ACUITIAS
480402.00	6782408.00	196.96	979219.79	27.38	9.23	7.58	5.35	145.00	4804.00	7824.00	0.00	ACUITIAS
480402.00	6782792.00	198.93	979218.27	26.74	8.41	6.74	4.49	145.00	4804.00	7828.00	0.00	ACUITIAS
480406.00	6783200.00	200.21	979217.46	26.61	8.15	6.47	4.21	145.00	4804.00	7832.00	0.00	ACUITIAS
480396.00	6783604.00	202.32	979215.93	26.01	7.36	5.67	3.38	146.00	4804.00	7836.00	0.00	ACUITIAS
481153.00	6763614.00	174.91	979243.55	31.31	15.18	13.72	11.74	264.00	4811.00	7636.00	0.00	ACUITIAS
481185.00	6764046.00	175.80	979245.59	33.92	17.72	16.24	14.26	264.00	4811.00	7640.00	0.00	ACUITIAS
481199.00	6764438.00	176.23	979247.06	35.80	19.55	18.08	16.08	264.00	4811.00	7644.00	0.00	ACUITIAS
481201.00	6766415.00	178.44	979248.18	38.97	22.52	21.02	19.01	264.00	4811.00	7664.00	0.00	ACUITIAS
481192.00	6766809.00	178.80	979244.75	35.92	19.44	17.94	15.92	264.00	4811.00	7668.00	0.00	ACUITIAS
481168.00	6774003.00	186.60	979229.30	37.91	20.71	19.15	17.04	258.00	4811.00	7748.00	0.00	ACUITIAS
481163.00	6775184.00	188.48	979239.14	39.12	21.74	20.16	18.03	258.00	4811.00	7752.00	0.00	ACUITIAS
481162.00	6776016.00	189.67	979237.56	38.48	20.99	19.40	17.26	258.00	4811.00	7760.00	0.00	ACUITIAS
481176.00	6776520.00	190.43	979237.04	38.55	20.99	19.40	17.24	258.00	4811.00	7764.00	0.00	ACUITIAS
481140.00	6776885.00	190.83	979236.93	38.81	21.22	19.62	17.46	258.00	4811.00	7768.00	0.00	ACUITIAS
481171.00	6777370.00	191.73	979236.31	38.80	21.13	19.52	17.35	258.00	4811.00	7772.00	0.00	ACUITIAS
481147.00	6777835.00	192.68	979234.22	37.32	19.56	17.95	15.77	258.00	4811.00	7778.00	0.00	ACUITIAS
481172.00	6778219.00	193.25	979232.64	36.13	18.38	16.76	14.57	258.00	4811.00	7782.00	0.00	ACUITIAS
481233.00	6764825.00	176.45	979248.89	37.96	21.70	20.22	18.23	264.00	4812.00	7648.00	0.00	ACUITIAS
481205.00	6765213.00	176.80	979249.93	39.37	23.08	21.59	19.59	264.00	4812.00	7652.00	0.00	ACUITIAS
481203.00	6765602.00	177.50	979250.11	40.04	23.68	22.19	20.18	264.00	4812.00	7656.00	0.00	ACUITIAS
481212.00	6766025.00	178.08	979249.52	39.92	23.51	22.02	20.00	264.00	4812.00	7660.00	0.00	ACUITIAS
481198.00	6774403.00	187.24	979239.25	38.30	21.04	19.47	17.35	258.00	4812.00	7744.00	0.00	ACUITIAS
481199.00	6774749.00	187.81	979239.32	38.78	21.47	19.90	17.77	258.00	4812.00	7748.00	0.00	ACUITIAS
481119.00	6775600.00	189.05	979235.47	38.91	21.48	19.90	17.76	258.00	4812.00	7756.00	0.00	ACUITIAS
481197.00	6778612.00	193.75	979231.59	35.57	17.71	16.08	13.89	258.00	4812.00	7786.00	0.00	ACUITIAS
481997.00	6759204.00	175.83	979233.99	18.96	2.75	1.28	-0.71	336.00	4820.00	7592.00	0.00	ACUITIAS
481991.00	6759609.00	178.47	979234.47	20.54	4.09	2.59	0.57	336.00	4820.00	7596.00	0.00	ACUITIAS
481994.00	6760006.00	179.89	979235.86	22.64	6.06	4.55	2.52	336.00	4820.00	7600.00	0.00	ACUITIAS
482004.00	6760412.00	178.33	979237.04	23.63	7.19	5.70	3.68	147.00	4820.00	7604.00	0.00	ACUITIAS
482000.00	6760810.00	178.89	979237.49	25.27	8.86	7.36	5.35	147.00	4820.00	7608.00	0.00	ACUITIAS
482002.00	6761206.00	179.93	979238.34	25.96	9.38	7.87	5.84	147.00	4820.00	7612.00	0.00	ACUITIAS
481995.00	6761610.00	177.39	979239.70	26.82	10.47	8.99	6.98	147.00	4820.00	7616.00	0.00	ACUITIAS
482007.00	6762011.00	173.44	979239.72	25.91	9.92	8.47	6.51	144.00	4820.00	7620.00	0.00	ACUITIAS
482004.00	6762405.00	173.87	979240.41	27.00	10.98	9.52	7.55	144.00	4820.00	7624.00	0.00	ACUITIAS
482006.00	6762809.00	174.46	979241.26	28.32	12.24	10.77	8.80	144.00	4820.00	7628.00	0.00	ACUITIAS
482012.00	6763202.00	174.88	979242.45	29.91	13.79	12.33	10.35	144.00	4820.00	7632.00	0.00	ACUITIAS
482010.00	6763602.00	175.35	979243.12	30.99	14.83	13.36	11.38	144.00	4820.00	7636.00	0.00	ACUITIAS
482005.00	6764014.00	175.67	979244.61	32.87	16.68	15.21	13.22	144.00	4820.00	7640.00	0.00	ACUITIAS
482008.00	6764409.00	176.26	979246.33	35.05	18.81	17.33	15.33	144.00	4820.00	7644.00	0.00	ACUITIAS
482008.00	6764805.00	176.60	979247.72	36.82	20.55	19.07	17.07	144.00	4820.00	7648.00	0.00	ACUITIAS
482007.00	6765209.00	177.03	979248.46	37.98	21.66	20.18	18.17	144.00	4820.00	7652.00	0.00	ACUITIAS
482002.00	6765601.00	177.75	979248.71	38.72	22.34	20.85	18.84	144.00	4820.00	7656.00	0.00	ACUITIAS
482003.00	6766013.00	178.26	979248.84	39.29	22.86	21.37	19.35	144.00	4820.00	7660.00	0.00	ACUITIAS
482009.00	6766402.00	178.82	979248.26	39.16	22.68	21.18	19.15	144.00	4820.00	7664.00	0.00	ACUITIAS
482004.00	6766803.00	179.04	979247.69	38.93	22.43	20.93	18.91	144.00	4820.00	7668.00	0.00	ACUITIAS
482000.00	6767204.00	179.88	979246.13	37.91	21.33	19.82	17.78	144.00	4820.00	7672.00	0.00	ACUITIAS
481989.00	6767608.00	180.49	979244.14	36.39	19.76	18.24	16.20	144.00	4820.00	7676.00	0.00	ACUITIAS
481993.00	6768406.00	182.37	979240.51	33.89	17.08	15.55	13.49	259.00	4820.00	7684.00	0.00	ACUITIAS
481974.00	6768811.00	182.16	979239.31	32.91	16.12	14.59	12.53	144.00	4820.00	7688.00	0.00	ACUITIAS
482002.00	6769211.00	180.20	979239.41	32.68	16.12	14.56	12.53	144.00	4820.00	7692.00	0.00	ACUITIAS
481995.00	6769608.00	179.55	979240.39	33.74	17.19	15.69	13.66	144.00	4820.00	7696.00	0.00	ACUITIAS
481993.00	6769999.00	179.04	979240.90	34.37	17.86	16.36	14.34	144.00	4820.00	7700.00	0.00	ACUITIAS
481996.00	6770397.00	179.51	979240.47	34.36	17.81	16.31	14.28	144.00	4820.00	7704.00	0.00	ACUITIAS
481994.00	6770811.00	181.35	979239.50	34.24	17.52	16.00	13.95	144.00	4820.00	7708.00	0.00	ACUITIAS
481984.00	6771196.00	182.59	979239.53	34.92	18.09	16.56	14.49	144.00	4820.00	7712.00	0.00	ACUITIAS
481984.00	6771606.00	183.25	979239.70	35.58	18.69	17.15	15.08	144.00	4820.00	7716.00	0.00	ACUITIAS
481994.00	6772007.00	183.60	979239.60	35.95	19.00	17.46	15.38	144.00	4820.00	7720.00	0.00	ACUITIAS
481990.00	6772408.00	184.35	979239.32	36.09	19.10	17.55	15.47	145.00	4820.00	7724.00	0.00	ACUITIAS
482004.00	6772806.00	184.97	979238.96	36.20	19.15	17.60	15.51	145.00	4820.00	7728.00	0.00	ACUITIAS
482005.00	6773205.00

482794.00	6764228.00	176.14	979244.21	32.76	16.53	15.05	13.06	259.00	4827.00	7642.00	0.00	ACUITIAS
482770.00	6765378.00	177.01	979247.22	36.84	20.53	19.04	17.04	259.00	4827.00	7654.00	0.00	ACUITIAS
482758.00	6765753.00	177.36	979248.05	38.04	21.69	20.21	18.20	259.00	4827.00	7658.00	0.00	ACUITIAS
482772.00	6766212.00	179.19	979248.08	38.96	22.44	20.94	18.91	259.00	4827.00	7662.00	0.00	ACUITIAS
482789.00	6766982.00	181.65	979249.32	41.49	24.75	23.23	21.17	259.00	4827.00	7670.00	0.00	ACUITIAS
482779.00	6767317.00	182.44	979248.90	41.55	24.73	23.21	21.14	259.00	4827.00	7674.00	0.00	ACUITIAS
482784.00	6767763.00	183.87	979244.65	38.05	21.11	19.56	17.48	259.00	4827.00	7678.00	0.00	ACUITIAS
482791.00	6772830.00	183.33	979240.66	37.41	20.51	18.97	16.90	264.00	4827.00	7728.00	0.00	ACUITIAS
482800.00	6773178.00	183.83	979241.46	38.61	21.66	20.12	18.04	264.00	4827.00	7732.00	0.00	ACUITIAS
482753.00	6773630.00	184.46	979241.86	39.52	22.51	20.97	18.88	264.00	4827.00	7736.00	0.00	ACUITIAS
482784.00	6774448.00	185.34	979240.59	39.08	22.00	20.44	18.35	264.00	4827.00	7744.00	0.00	ACUITIAS
482742.00	6774879.00	186.72	979239.70	38.92	21.70	20.14	18.03	264.00	4827.00	7748.00	0.00	ACUITIAS
482725.00	6775254.00	189.23	979239.79	39.04	21.60	20.01	17.87	264.00	4827.00	7752.00	0.00	ACUITIAS
482781.00	6775675.00	189.73	979238.12	38.82	21.33	19.74	17.60	264.00	4827.00	7756.00	0.00	ACUITIAS
482782.00	6777236.00	193.05	979236.32	39.12	21.33	19.71	17.53	264.00	4827.00	7772.00	0.00	ACUITIAS
482785.00	6777631.00	194.65	979235.50	39.07	21.13	19.50	17.30	264.00	4827.00	7776.00	0.00	ACUITIAS
482802.00	6778030.00	191.57	979235.07	37.97	20.32	18.71	16.54	264.00	4827.00	7780.00	0.00	ACUITIAS
482741.00	6778435.00	191.58	979234.05	37.23	19.57	17.96	15.80	264.00	4827.00	7784.00	0.00	ACUITIAS
482803.00	6763861.00	176.10	979245.60	31.97	14.75	13.27	11.27	259.00	4828.00	7638.00	0.00	ACUITIAS
482803.00	6764642.00	176.51	979245.34	34.30	18.03	16.55	14.55	259.00	4828.00	7646.00	0.00	ACUITIAS
482803.00	6765024.00	176.85	979246.58	35.91	19.61	18.13	16.13	259.00	4828.00	7650.00	0.00	ACUITIAS
482807.00	6766628.00	180.63	979248.62	40.23	23.58	22.07	20.03	259.00	4828.00	7666.00	0.00	ACUITIAS
482805.00	6774059.00	184.89	979241.84	39.93	22.89	21.34	19.25	264.00	4828.00	7740.00	0.00	ACUITIAS
482816.00	6776036.00	192.81	979236.85	38.75	20.98	19.36	17.18	264.00	4828.00	7760.00	0.00	ACUITIAS
482819.00	6776451.00	196.22	979236.13	39.36	21.28	19.63	17.41	264.00	4828.00	7764.00	0.00	ACUITIAS
482803.00	6776851.00	193.47	979236.72	39.38	21.55	19.93	17.74	264.00	4828.00	7768.00	0.00	ACUITIAS
483601.00	6759002.00	175.28	979231.76	16.42	0.26	-1.20	-3.19	336.00	4836.00	7590.00	0.00	ACUITIAS
483609.00	6759397.00	178.29	979232.14	18.00	1.57	0.07	-1.94	336.00	4836.00	7594.00	0.00	ACUITIAS
483609.00	6759798.00	179.54	979233.07	19.60	3.05	1.54	-0.49	336.00	4836.00	7598.00	0.00	ACUITIAS
483605.00	6760200.00	179.60	979234.17	20.99	4.44	2.93	0.90	336.00	4836.00	7602.00	0.00	ACUITIAS
483605.00	6760604.00	178.27	979235.43	22.13	5.69	4.20	2.18	147.00	4836.00	7606.00	0.00	ACUITIAS
483596.00	6761006.00	178.88	979236.02	23.19	6.70	5.20	3.18	147.00	4836.00	7610.00	0.00	ACUITIAS
483599.00	6761407.00	180.44	979236.03	23.95	7.32	5.81	3.76	147.00	4836.00	7614.00	0.00	ACUITIAS
483605.00	6761595.00	180.91	979236.19	24.39	7.71	6.20	4.15	144.00	4836.00	7616.00	0.00	ACUITIAS
483602.00	6761999.00	180.71	979236.56	24.98	8.32	6.81	4.77	144.00	4836.00	7620.00	0.00	ACUITIAS
483607.00	6762201.00	179.76	979237.29	25.55	8.98	7.48	5.44	144.00	4836.00	7622.00	0.00	ACUITIAS
483606.00	6762599.00	177.21	979238.54	26.30	9.96	8.48	6.47	144.00	4836.00	7626.00	0.00	ACUITIAS
483599.00	6762997.00	175.68	979239.87	27.43	11.23	9.76	7.77	144.00	4836.00	7630.00	0.00	ACUITIAS
483597.00	6763396.00	176.91	979240.56	28.76	12.46	10.98	9.08	144.00	4836.00	7634.00	0.00	ACUITIAS
483601.00	6763804.00	177.57	979241.84	30.55	14.18	12.69	10.68	144.00	4836.00	7638.00	0.00	ACUITIAS
483591.00	6764214.00	177.80	979242.66	31.72	15.33	13.84	11.83	144.00	4836.00	7642.00	0.00	ACUITIAS
483598.00	6764614.00	177.64	979244.18	33.47	17.09	15.61	13.60	144.00	4836.00	7646.00	0.00	ACUITIAS
483593.00	6765015.00	177.88	979245.21	34.85	18.46	16.97	14.96	144.00	4836.00	7650.00	0.00	ACUITIAS
483595.00	6765404.00	178.22	979246.40	36.41	19.99	18.49	16.48	144.00	4836.00	7654.00	0.00	ACUITIAS
483593.00	6765802.00	178.91	979247.25	37.76	21.27	19.77	17.74	144.00	4836.00	7658.00	0.00	ACUITIAS
483590.00	6766196.00	180.58	979248.16	39.43	22.80	21.28	19.24	144.00	4836.00	7662.00	0.00	ACUITIAS
483589.00	6766597.00	182.21	979249.25	41.32	24.53	23.00	20.94	144.00	4836.00	7666.00	0.00	ACUITIAS
483604.00	6767008.00	185.11	979250.18	43.44	26.37	24.82	22.73	144.00	4836.00	7670.00	0.00	ACUITIAS
483601.00	6767409.00	186.11	979247.81	41.65	24.50	22.94	20.83	144.00	4836.00	7674.00	0.00	ACUITIAS
483606.00	6767805.00	188.95	979243.60	38.59	21.18	19.59	17.46	144.00	4836.00	7678.00	0.00	ACUITIAS
483602.00	6768203.00	192.66	979241.04	37.46	19.70	18.09	15.91	144.00	4836.00	7682.00	0.00	ACUITIAS
483606.00	6768408.00	195.13	979239.90	37.22	19.24	17.60	15.39	144.00	4836.00	7684.00	0.00	ACUITIAS
483598.00	6768809.00	194.41	979239.13	36.59	18.58	16.95	14.75	144.00	4836.00	7688.00	0.00	ACUITIAS
483602.00	6769199.00	192.06	979237.83	34.75	17.05	15.44	13.26	144.00	4836.00	7692.00	0.00	ACUITIAS
483605.00	6769808.00	189.98	979236.86	33.56	16.05	14.46	12.31	144.00	4836.00	7698.00	0.00	ACUITIAS
483607.00	6770196.00	189.89	979236.98	33.92	16.42	14.83	12.68	144.00	4836.00	7702.00	0.00	ACUITIAS
483601.00	6770607.00	190.22	979237.28	34.61	17.08	15.48	13.33	144.00	4836.00	7706.00	0.00	ACUITIAS
483602.00	6770994.00	184.95	979238.42	34.40	17.35	15.80	13.71	144.00	4836.00	7710.00	0.00	ACUITIAS
483605.00	6771416.00	182.68	979239.34	34.99	18.06	16.53	14.46	144.00	4836.00	7714.00	0.00	ACUITIAS
483603.00	6771801.00	182.99	979240.39	36.32	19.45	17.92	15.85	144.00	4836.00	7718.00	0.00	ACUITIAS
483602.00	6772210.00	186.03	979241.05	38.20	21.06	19.50	17.39	144.00	4836.00	7722.00	0.00	ACUITIAS
483605.00	6772614.00	184.85	979242.13	39.20	22.16	20.61	18.52	144.00	4836.00	7726.00	0.00	ACUITIAS
483606.00	6772998.00	185.78	979242.04	39.66	22.54	20.98	18.88	144.00	4836.00	7730.00	0.00	ACUITIAS
483596.00	6773417.00	186.30	979241.61	39.68	22.51	20.95	18.84	144.00	4836.00	7734.00	0.00	ACUITIAS
483601.00	6773809.00	187.41	979240.70	39.39	22.11	20.54	18.42	144.00	4836.00	7738.00	0.00	ACUITIAS
483591.00	6774196.00	187.23	979239.74	38.64	21.38	19.81	17.69	144.00	4836.00	7742.00	0.00	ACUITIAS
483592.00	6774613.00	188.58	979238.77	38.37	20.99	19.41	17.28	144.00	4836.00	7746.00	0.00	ACUITIAS
483599.00	6774994.00	190.72	979238.20	38.73	21.16	19.56	17.40	144.00	4836.00	7750.00	0.00	ACUITIAS
483604.00	6775404.00	193.50	979236.99	38.66	20.83	19.21	17.02	247.00	4836.00	7754.00	0.00	ACUITIAS
483611.00	6775812.00	197.98	979235.93	39.26	21.02	19.36	17.12	247.00	4836.00	7758.00	0.00	ACUITIAS
483611.00	6776208.00	205.77	979234.07	40.08	21.12	19.39	17.06	247.00	4836.00	7762.00	0.00	ACUITIAS
483604.00	6776623.00	202.06	979234.77	39.93	21.31	19.62	17.33	247.00	4836.00	7766.00	0.00	ACUITIAS
483618.00	6777004.00	201.57	979235.48	39.69	21.13	19.45	17.17	247.00	4836.00	7770.00	0.00	ACUITIAS
483608.00	6777413.00	200.74	979234.10	39.40	20.90	19.22	16.95	247.00	4836.00	7774.00	0.00	ACUITIAS
483615.00	6777805.00	196.23	979234.50	38.68	20.59	18.95	16.73	247.00	4836.00	7778.00	0.00	ACUITIAS
483614.00	6778202.00	197.60	979233.32	38.20	19.98	18.33	16.09	247.00	4836.00	7782.00	0.00	ACUITIAS
483606.00	6778595.00	202.38	979231.46	38.08	19.43	17.73	15.44	247.00	4836.00	7786.00	0.00	ACUITIAS
483608.00	6779015.00	199.40	979230.07	36.06	17.68	16.01	13.76	247.00	4836.00	7790.00	0.00	ACUITIAS
483602.00	6779400.00	198.07	979229.59	35.44	17.18	15.52	13.28	247.00	4836.00	7794.00	0.00	ACUITIAS
483595.00	6779802.00	199.41	979227.34	33.88	15.50	13.83	11.57	247.00	4836.00	7798.00	0.00	ACUITIAS
483593.00	6780210.00	198.76	979226.53	33.16	14.84	13.18	10.93	145.00	4836.00	7802.00	0.00	ACUITIAS
483589.00	6780604.00	197.01	979225.53	31.89	13.73	12.08	9.85	145.00	4836.00	7806.00	0.00	ACUITIAS
483607.00	6781018.00	195.27	979224.91	31.02	13.02	11.39	9.18	145.00	4836.00	7810.00	0.00	ACUITIAS
483594.00	6781391.00	195.06	979223.94	30.25	12.27	10.63	8.43	145.00	4836.00	7814.00	0.00	ACUITIAS
483588.00	6781801.00	198.93	979221.77	29.55	11.21	9.55	7.30	145.00	4836.00	7818.00	0.00	ACUITIAS
483601.00	6782201.00	199.97	979220.53	28.87	10.45	8.78	6.52	145.00	4836.00	7822.00	0.00	ACUITIAS
483593.00	6782606.00	197.87	979219.80	27.81	9.57	7.91	5.67	145.00	4836.00	7826.00	0.00	ACUITIAS
483593.00	6783006.00	197.91	979219.28	27.58	9.34	7.68	5.44	145.00	4836.00	7830.00	0.00	ACUITIAS
483596.00	6783400.00	199.01	979217.15	26.07	7.72	6.06	3.80	145.00	4836.00	7834.00	0.00	ACUITIAS
483581.00	6783795.00	199.35	979215.95	25.24	6.87	5.20	2.94	145.00	4836.00	7838.00	0.00	ACUITIAS
483596.00	6784201.00	199.51	979214.80	24.42	6.03	4.36	2.11	147.00	4836.00	7842.00	0.00	ACUITIAS
483603.00	6784597.00	198.62	979213.46	23.08	4.78	3.11	0.87	146.00	4836.00	7846.00	0.00	ACUITIAS
483605.00	6785000.00	199.44	979211.42	21.58	3.20	1.53	-0.73	146.00	4836.00	7850.00	0.00	ACUITIAS
484299.00	6775813.00	195.91	979236.15	38.85	20.79	19.15	16.93	259.00	4842.00	7758.00	0.00	ACUITIAS
484376.00	6766740.00	184.66	979248.48	41.41	24.39	22.84	20.76	259.00	4843.00	7666.00	0.00	ACUITIAS
484361.00	6767060.00	187.70	979247.06	41.15	23.85	22.28	20.16	259.00	4843.00	7670.00	0.00	ACUITIAS
484389.00	6767398.00	195.00	979244.07	40.65	22.68	21.04	18.84	259.00	4843.00	7674.00	0.00	ACUITIAS
484394.00	6768228.00	197.11	979241.47	39.28	21.11	19.46	17.23	259.00	4843.00	7682.00	0.00	ACUITIAS
484399.00	6772589.00	187.40	979241.19	39.02	21.75	20.18	18.06	259.00	4843.00	7726.00	0.00	ACUITIAS
484368.00	6775301.00	191.76	979236.90	37.96	20.28	18.68	16.51	259.00	4843.00	7752.00	0.00	ACUITIAS
484349.00	6776233.00	200.10	979235.63	39.92	21.47	19.80	17.53	259.00	4843.00	7762.00	0.00	ACUITIAS
484315.00	6776682.00	207.13	979232.92	39.69	20.60	18.86	16.52	259.00	4843.00	7766.00	0.00	ACUITIAS
484369.00	6777076.00	207.70	979231.98	39.19	20.05	18.30	15.96	259.00	4843.00	7770.00	0.00	ACUITIAS
484376.00	6777466.00	205.81	979231.66	38.56	19.59	17.86	15.54	259.00	4843.00	7774.00	0.00	ACUITIAS
484364.00	6777864.00	204.42	979231.34	38.09	19.25	17.53	15.22	259.00	4843.00	7778.00	0.00	ACUITIAS
484374.00	6778191.00	202.60	979231.16	37.59	18.91	17.21	14.92	259.00	4843.00	7782.00	0.00	ACUITIAS
484372.00	6778559.00	204.60	979229.77	37.05	18.19	16.48	14.16	259.00	4843.00	7786.00	0.00	ACUITIAS
484370.00	6778979.00	213.41	979226.14	36.43	16.76	14.97	12.56	259.00	4843.00	7790.00	0.00	ACUITIAS
484414.00	6765235.00	179.83	979244.09	34.48	17.91	16.40	14.37	259.00	4844.00	7652.00	0.00	ACUITIAS
484426.00	6765672.00	180.20	979245.77	36.58	19.97	18.46	16.42	259.00	4844.00	7656.00	0.00	ACUITIAS
484409.00	6766044.00	180.92	979247.08	38.37	21.70	20.18	18.13	259.00	4844.00	7660.00	0.00	ACUITIAS
484410.00	6766414.00	183.59	979248.23	40.60	23.68	22.14	20.07	259.00	4844.00	7664.00	0.00	ACUITIAS
484397.00	6767799.00	197.20	979242.77	40.31	22.13	20.48	18.25	259.00	4844.00	7678.00	0.00	ACUITIAS
484427.00	6772099.00	184.33	979240.70	37.25	20.26	18.72	16.63	259.00	4844.00	7720.00	0.00	ACUITIAS
484386.00	6773193.00	187.89	979240.72	39.13	21.81	20.23	18.11	160.00	4844.00	7732.00	0.00	ACUITIAS
484385.00	6773661.00	189.53	979239.82	39.06	21.59	20.00	17.86	160.00	4844.00	7736.00	0.00	ACUITIAS
484404.00	6774061.00	191.64	979238.46	38.63	20.96	19.36	17.19	160.00	4844.00	7740.00	0.00	ACUITIAS
484408.00	6774729.00	193.90	979236.90	38.23	20.36	18.73	16.54	259.00	4844.00	7748.00	0.00	ACUITIAS
485195.00	6775209.00	175.22	979231.59	16.37	0.22	-1.25	-3.23	135.00	4852.00	7592.00	0.00	ACUITIAS
485201.00	6759607.00	176.16	979232.59	17.94	1.70	0.22	-1.77	135.00	4852.00	7596.00	0.00	ACUITIAS
485202.00	6759999.00	177.37	979232.55	18.54	2.20	0.71	-1.30	135.00	4852.00	7600.00	0.00	ACUITIAS
485208.00	6760419.00	179.52	979233.16	20.11	3.56	2.06	0.03	147.00	4852.00	7604.00	0.00	ACUITIAS
485214.00	6760801.00	183.45	979232.32	20.75	3.84	2.31	0.23	147.00	4852.00	7608.00	0.00	ACUITIAS
485204.00	6761211.00	187.74	979231.61	21.65	4.34	2.77	0.65	147.00	4852.00	7612.00	0.00	ACUITIAS
485201.00	6761606.00	190.70	979231.79	23.02	5.44	3.84	1.69	148.00	4852.00	7616.00	0.00	ACUITIAS
485203.00	6762004.00	199.46	979230.19	24.39	6.01	4.34	2.08	148.00	4852.00	7620.00	0.00	ACUITIAS
485200.00	6762408.00	191.58	979232.93	24.98	7.32	5.72	3.55	148.00	4852.00	7624.00	0.00	ACUITIAS
485197.00	6762807.00	185.28	979234.95	25.34	8.26	6.71	4.62	148.00	4852.00	7628.00	0.00	ACUITIAS
485206.00	6763218.00	181.50	979236.37	25.88	9.15	7.63	5.57	148.00	4852.00	7632.00	0.00	ACUITIAS
485192.00	6763613.00	178.97	979238.07	27.07	10.58	9.08	7.05	148.00	4852.00	7636.00	0.00	ACUITIAS
485204.00	6764004.00	178.04	979239.31	28.29	11.88	10.39	8.38	148.00	4852.00	7640.00	0.00	ACUITIAS
485195.00	6764399.00	180.54	979239.94	29.97	13.53	11.82	9.78	148.00	4852.00	7644.00	0.00	ACUITIAS
485203.00	6764808.00	181.02	979239.82	30.28	13.60	12.08	10.03	148.00	4852.00	7648.00	0.00	ACUITIAS
485201.00	6765195.00	181.41	979239.16	30.01	13.29	11.77	9.72	148.00	4852.00	7652.00	0.00	ACUITIAS
485190.00	6765600.00	181.60	979240.53	31.73	14.99	13.47	11.41	148.00	4852.00	7656.00	0.00	ACUITIAS
485203.00	6765999.00	182.21	979243.52	35.18	18.38	16.85	14.79	245.00	4852.00	7660.00	0.00	ACUITIAS
485196.00	6766404.00	184.62	979245.03	37.71	20.70	19.15	17.06	245.00	4852.00	7664.00	0.00	ACUITIAS
485203.00	6766805.00	187.13	979243.86	37.60	20.35	18.79	16.67	144.00	4852.00	7668.00	0.00	ACUITIAS
485191.00	6767205.00	190.04	979243.03	37.35	20.43	18.84	16.69	144.00	4852.00	7672.00	0.00	ACUITIAS
485200.00	6767620.00	194.69	979241.85	38.48	20.54	18.91	16.70	144.00	4852.00	7676.00	0.00	ACUITIAS
485189.00	6768007.00	197.90	979240.80	38.70	20.46	18.80	16.56	144.00	4852.00	7680.00	0.00	ACUITIAS
485194.00	6768407.00	196.24	979240.50	38.16	20.07	18.43	16.21	144.00	4852.00	7684.00	0.00	ACUITIAS
485194.00	6768800.00	198.58	979240.18	38.83	20.53	18.87	16.62	144.00	4852.00	7688.00	0.00	ACUITIAS
485193.00	6769198.00	199.90	979239.44	38.78	20.36	18.68	16.42	144.00	4852.00	7692.00	0.00	ACUITIAS
485199.00	6769607.00	195.00	979238.71	36.82	18.85	17.22	15.01	144.00	4852.00	7696.00	0.00	ACUITIAS
485192.00	6769992.00	192.57	979238.77	35.52	17.74	16.12	13.94	144.00	4852.00	7700.00	0.00	ACUITIAS
485192.00	6770408.00	191.88	979237.44	35.14	17.45	15.85	13.68	144.00	4852.00	7704.00	0.00	ACUITIAS
485200.00	6770799.00	188.54	979238.78	35.72	18.35	16.77	14.63	144.00	4852.00	7708.00	0.00	ACUITIAS
485201.00	6771196.00	184.88	979239.19	35.28	18.24	16.69	14.60	144.00	4852.00	7712.00	0.00	ACUITIAS
485194.00	6771608.00	188.35	979239.24	36.69	19.32	17.75	15.62	144.00	4852.00	7716.00	0.00	ACUITIAS
485197.00	6772005.00	188.61	979240.00	37.80	20.42	18.84	16.70	144.00	4852.00	7720.00	0.00	ACUITIAS
485193.00	6772409.00	185.61	979240.53	37.69	20.58	19.02	16.92	144.00	4852.00	7724.00	0.00	ACUITIAS
485198.00	6772801.00	188.32	979239.82	38.08	20.72	19.15	17.02	144.00	4852.00	7728.00	0.00	ACUITIAS
485190.00	6773203.00	189.16	979239.44	38.25	20.81	19.23	17.09	144.00	4852.00	7732.00	0.00	ACUITIAS
485195.00	6773607.00	190.24	979238.51	37.93	20.39	18.80	16.65	144.00	4852.00	7736.00	0.00	ACUITIAS
485188.00	6774005.00	192.32	979237.37	37.70	19.98	18.36	16.19	144.00	4852.00	7740.00	0.00	ACUITIAS
485195.00	6774403.00	194.72	979236.69	38.05	20.10	18.47	16.26	144.00	4852.00	7744.00	0.00	ACUITIAS
485196.00	6774799.00	197.37	979235.57	38.01	19.82	18.17	15.94	144.00	4852.00	7748.00	0.00	ACUITIAS
485188.00	6775208.00	195.44	979235.54	37.82	19.80	18.16	15.95	145.00	4852.00	7754.00	0.00	ACUITIAS
485201.00	6775789.00	199.45	979234.59	38.36	19.98	18.31	16.05	145.00	4852.00	7758.00	0.00	ACUITIAS
485196.00	6776191.00	202.32	979234.36	39.30	20.65	18.95	16.66	145.00	4852.00	7762.00	0.00	ACUITIAS
485200.00	6776612.00	204.13	979233.26	39.05	20.24	18.53	16.22	145.00	4852.00	7766.00	0.00	ACUITIAS
485203.00	6777005.00	210.22	979231.27	39.21	19.83	18.07	15.69	145.00	4852.00	7770.00	0.00	ACUITIAS
485195.00	6777403.00	215.58	979229.67	39.54	19.67	17.86	15.43	145.00	4852.00	7774.00	0.00	ACUITIAS
485195.00	6777804.00	213.90	979229.77	39.40	19.68	17.89	15.47	145.00	4852.00	7778.00	0.00	ACUITIAS
485196.00	6778198.00	212.17	979229.08	38.45	18.89	17.11	14.71	145.00	4852.00	7782.00	0.00	ACUITIAS
485193.00	6778610.00	220.76	979225.18	37.49	17.14	15.29	12.79	145.00	4852.00	7786.00	0.00	ACUITIAS
485194.00	6779017.00	218.02	979225.03	36.77	16.68	14.85	12.39	145.00	4852.00	7790.00	0.00	ACUITIAS
485193.00	6779398.00	215.31	979224.30	35.47	15.62	13.82	11.38	145.00	4852.00	7794.00	0.00	ACUITIAS
485210.00	6779823.00	210.80	979224.17	34.25	14.82	13.05	10.67	245.00	4852.00	7798.00	0.00	ACUITIAS
485184.00	6780203.00	204.85	979224.52	33.02	14.14	12.43	10.11	145.00	4852.00	7802.00	0.00	ACUITIAS
485197.00	6780599.00	206.04	979227.09	32.24	13.47	11.77	9.13	145.00	4852.00	7806.00	0.00	ACUITIAS
485198.00	6781005.00	203.48	979222.64	31.27	12.51	10.81	8.51	145.00	4852.00	7810.00	0.00	ACUITIAS
485190.00	6781395.00	201.53	979221.83	30.13	11.56	9.87	7.59	145.00	4852.00	7814.00	0.00	ACUITIAS
485198.00	6781796.00	197.48	979222.00	29.33	11.13	9.47	7.24	145.00	4852.00	7818.00	0.00	ACUITIAS
485196.00	6782195.00	200.62	979220.23	28.81	10.32	8.63	6.36	145.00	4852.00	7822.00	0.00	ACUITIAS
485199.00	6782584.00	200.18	979219.35	28.06	9.61	7.93	5.66	145.00	4852.00	7826.00	0.00	ACUITIAS
485186.00	6782997.00	202.35	979218.57	28.24	9.59	7.89	5.60	145.00	4852.00	7830.00	0.00	ACUITIAS
485195.00	6783400.00	205.63	979216.35	27.27	8.33	6.61	4.28	145.00	4852.00	7834.00	0.00	ACUITIAS
485188.00	6783812.00	210.99	979214.19	27.08	7.64	5.87	3.48	154.00	4852.00	7838.00	0.00	ACUITIAS
485203.00	6784203.00	213.52	979211.92	25.87	6.19	4.40	1.98	154.00	4852.00	7842.00	0.00	ACUITIAS
485187.00	6784589.00	200.32

485989.00	6776603.00	207.67	979232.33	39.20	20.06	18.32	15.97	159.00	4860.00	7766.00	0.00	ACUITIAS
485994.00	6777200.00	220.50	979228.72	39.96	19.64	17.79	15.30	159.00	4860.00	7772.00	0.00	ACUITIAS
485996.00	6777820.00	220.97	979227.63	39.46	19.09	17.24	14.74	159.00	4860.00	7778.00	0.00	ACUITIAS
485986.00	6778210.00	226.37	979225.55	39.31	18.44	16.55	13.98	159.00	4860.00	7782.00	0.00	ACUITIAS
486796.00	6759210.00	178.56	979229.59	15.41	-1.05	-2.55	-4.57	135.00	4868.00	7592.00	0.00	ACUITIAS
486799.00	6759593.00	179.93	979229.79	16.29	-0.29	-1.80	-3.83	135.00	4868.00	7596.00	0.00	ACUITIAS
486805.00	6759999.00	181.85	979230.20	17.58	0.82	-0.71	-2.76	135.00	4868.00	7600.00	0.00	ACUITIAS
486804.00	6760407.00	184.90	979230.42	19.02	1.98	0.43	-1.66	147.00	4868.00	7604.00	0.00	ACUITIAS
486800.00	6760806.00	189.24	979228.70	18.92	1.47	-0.11	-2.25	147.00	4868.00	7608.00	0.00	ACUITIAS
486797.00	6761208.00	195.52	979227.92	20.35	2.33	0.69	-1.52	147.00	4868.00	7612.00	0.00	ACUITIAS
486796.00	6764825.00	179.37	979235.16	25.12	8.59	7.09	5.06	159.00	4868.00	7648.00	0.00	ACUITIAS
486771.00	6765663.00	184.05	979237.72	29.71	12.75	11.20	9.12	159.00	4868.00	7656.00	0.00	ACUITIAS
486743.00	6766390.00	185.44	979235.39	29.26	12.17	10.61	8.51	159.00	4868.00	7662.00	0.00	ACUITIAS
486749.00	6766738.00	188.20	979236.78	30.80	13.45	11.88	9.75	159.00	4868.00	7668.00	0.00	ACUITIAS
486738.00	6767377.00	193.93	979237.13	33.37	15.49	13.87	11.67	159.00	4868.00	7674.00	0.00	ACUITIAS
486738.00	6767981.00	198.85	979237.07	35.24	16.91	15.24	12.99	159.00	4868.00	7680.00	0.00	ACUITIAS
486721.00	6768501.00	196.82	979237.75	35.66	17.51	15.87	13.64	159.00	4868.00	7684.00	0.00	ACUITIAS
486722.00	6769057.00	195.05	979238.30	36.04	18.06	16.43	14.22	159.00	4868.00	7690.00	0.00	ACUITIAS
486693.00	6771009.00	190.71	979236.45	34.21	16.63	15.04	12.88	159.00	4868.00	7710.00	0.00	ACUITIAS
486788.00	6771410.00	191.16	979237.16	35.34	17.72	16.12	13.96	247.00	4868.00	7714.00	0.00	ACUITIAS
486801.00	6771813.00	192.40	979237.01	35.85	18.12	16.51	14.33	247.00	4868.00	7718.00	0.00	ACUITIAS
486794.00	6772209.00	192.18	979236.60	35.64	17.93	16.32	14.15	247.00	4868.00	7722.00	0.00	ACUITIAS
486797.00	6772616.00	189.14	979237.50	35.89	18.45	16.87	14.73	247.00	4868.00	7726.00	0.00	ACUITIAS
486797.00	6773018.00	190.37	979237.64	36.69	19.14	17.55	15.39	247.00	4868.00	7730.00	0.00	ACUITIAS
486794.00	6773406.00	190.77	979237.45	36.89	19.31	17.71	15.55	247.00	4868.00	7734.00	0.00	ACUITIAS
486791.00	6773812.00	193.07	979237.00	37.71	19.83	18.20	16.01	247.00	4868.00	7738.00	0.00	ACUITIAS
486789.00	6774210.00	196.27	979235.68	37.38	19.29	17.64	15.42	247.00	4868.00	7742.00	0.00	ACUITIAS
486793.00	6774611.00	199.62	979234.31	37.32	18.92	17.25	14.99	247.00	4868.00	7746.00	0.00	ACUITIAS
486803.00	6775018.00	200.96	979233.60	37.31	18.79	17.10	14.83	247.00	4868.00	7750.00	0.00	ACUITIAS
486788.00	6775412.00	203.39	979232.86	37.58	18.84	17.13	14.83	247.00	4868.00	7754.00	0.00	ACUITIAS
486796.00	6775815.00	206.95	979232.58	38.69	19.61	17.88	15.54	247.00	4868.00	7758.00	0.00	ACUITIAS
486795.00	6776207.00	203.77	979233.80	39.19	20.41	18.70	16.40	247.00	4868.00	7762.00	0.00	ACUITIAS
486798.00	6776624.00	212.12	979232.37	39.63	20.08	18.30	15.90	247.00	4868.00	7766.00	0.00	ACUITIAS
486802.00	6777006.00	211.48	979230.64	38.97	19.48	17.71	15.31	247.00	4868.00	7770.00	0.00	ACUITIAS
486790.00	6777404.00	215.47	979228.56	38.39	18.53	16.73	14.29	247.00	4868.00	7774.00	0.00	ACUITIAS
486786.00	6777814.00	229.43	979223.95	38.38	17.23	15.31	12.71	247.00	4868.00	7778.00	0.00	ACUITIAS
486792.00	6778208.00	230.48	979222.97	38.00	16.75	14.82	12.21	247.00	4868.00	7782.00	0.00	ACUITIAS
486780.00	6778612.00	226.19	979223.15	37.14	16.29	14.39	11.83	247.00	4868.00	7786.00	0.00	ACUITIAS
486792.00	6779212.00	222.26	979222.46	35.57	15.11	13.25	10.74	247.00	4868.00	7792.00	0.00	ACUITIAS
486810.00	6779610.00	219.20	979221.87	34.39	14.18	12.35	9.87	245.00	4868.00	7796.00	0.00	ACUITIAS
486792.00	6779999.00	210.21	979222.83	32.84	13.46	11.70	9.32	247.00	4868.00	7800.00	0.00	ACUITIAS
486795.00	6780401.00	205.47	979222.91	31.74	12.80	11.08	8.75	247.00	4868.00	7804.00	0.00	ACUITIAS
486787.00	6780801.00	204.80	979222.24	31.14	12.26	10.55	8.23	247.00	4868.00	7808.00	0.00	ACUITIAS
486787.00	6781196.00	201.75	979222.16	30.39	11.80	10.11	7.82	247.00	4868.00	7812.00	0.00	ACUITIAS
486788.00	6781603.00	200.89	979221.19	29.43	10.91	9.23	6.96	247.00	4868.00	7816.00	0.00	ACUITIAS
486791.00	6782006.00	204.26	979219.38	28.94	10.12	8.41	6.09	247.00	4868.00	7820.00	0.00	ACUITIAS
486776.00	6782378.00	206.10	979218.04	28.43	9.43	7.71	5.38	247.00	4868.00	7824.00	0.00	ACUITIAS
486802.00	6783209.00	204.28	979217.15	27.56	8.73	7.02	4.71	147.00	4868.00	7832.00	0.00	ACUITIAS
486813.00	6783604.00	203.23	979215.72	26.07	7.34	5.64	3.34	147.00	4868.00	7836.00	0.00	ACUITIAS
486806.00	6783995.00	198.58	979215.62	24.81	6.51	4.84	2.60	147.00	4868.00	7840.00	0.00	ACUITIAS
486794.00	6784396.00	197.04	979214.77	23.76	5.60	3.95	1.72	147.00	4868.00	7844.00	0.00	ACUITIAS
486802.00	6784798.00	190.13	979214.94	22.08	4.55	2.96	0.81	147.00	4868.00	7848.00	0.00	ACUITIAS
487609.00	6761606.00	191.66	979228.99	20.51	2.85	1.24	-0.93	148.00	4876.00	7616.00	0.00	ACUITIAS
487600.00	6762015.00	188.16	979230.52	21.25	3.90	2.33	0.20	148.00	4876.00	7620.00	0.00	ACUITIAS
487605.00	6762413.00	188.53	979230.66	21.78	4.40	2.82	0.69	148.00	4876.00	7624.00	0.00	ACUITIAS
487604.00	6762816.00	190.58	979229.01	21.04	3.48	1.88	-0.28	148.00	4876.00	7628.00	0.00	ACUITIAS
487607.00	6763213.00	197.45	979226.77	21.20	3.00	1.34	-0.89	148.00	4876.00	7632.00	0.00	ACUITIAS
487609.00	6763617.00	192.93	979227.99	21.30	3.52	1.90	-0.28	148.00	4876.00	7636.00	0.00	ACUITIAS
487608.00	6764011.00	187.39	979230.83	22.04	5.52	3.95	1.83	148.00	4876.00	7640.00	0.00	ACUITIAS
487611.00	6764413.00	183.93	979233.29	24.38	7.43	5.89	3.81	148.00	4876.00	7644.00	0.00	ACUITIAS
487605.00	6764810.00	181.50	979235.27	25.88	9.15	7.63	5.58	148.00	4876.00	7648.00	0.00	ACUITIAS
487602.00	6765209.00	183.86	979235.83	27.44	10.50	8.96	6.88	148.00	4876.00	7652.00	0.00	ACUITIAS
487603.00	6765412.00	185.14	979235.67	27.83	10.76	9.21	7.12	148.00	4876.00	7654.00	0.00	ACUITIAS
487613.00	6765805.00	185.38	979235.23	27.73	10.64	9.09	6.99	148.00	4876.00	7658.00	0.00	ACUITIAS
487607.00	6766216.00	186.03	979235.99	28.98	11.83	10.27	8.17	148.00	4876.00	7662.00	0.00	ACUITIAS
487610.00	6766609.00	188.09	979236.01	29.90	12.56	10.99	8.86	148.00	4876.00	7666.00	0.00	ACUITIAS
487609.00	6767003.00	191.92	979235.39	30.74	13.05	11.44	9.27	148.00	4876.00	7670.00	0.00	ACUITIAS
487608.00	6767409.00	198.40	979234.65	32.29	14.00	12.34	10.09	247.00	4876.00	7674.00	0.00	ACUITIAS
487604.00	6767793.00	200.51	979235.28	33.83	15.35	13.67	11.40	247.00	4876.00	7678.00	0.00	ACUITIAS
487606.00	6768205.00	200.53	979236.00	34.84	16.36	14.68	12.41	247.00	4876.00	7682.00	0.00	ACUITIAS
487607.00	6768602.00	200.82	979235.79	34.99	16.48	14.80	12.53	247.00	4876.00	7686.00	0.00	ACUITIAS
487599.00	6769004.00	199.95	979235.83	35.05	16.62	14.94	12.68	247.00	4876.00	7690.00	0.00	ACUITIAS
487604.00	6769406.00	197.48	979236.15	35.91	16.77	15.11	12.87	245.00	4876.00	7694.00	0.00	ACUITIAS
488404.00	6759005.00	183.00	979225.90	12.94	-3.93	-5.46	-7.53	336.00	4884.00	7590.00	0.00	ACUITIAS
488407.00	6759407.00	184.01	979225.97	13.60	-3.36	-4.90	-6.99	336.00	4884.00	7594.00	0.00	ACUITIAS
488407.00	6759805.00	185.37	979225.67	13.99	-3.09	-4.65	-6.74	336.00	4884.00	7598.00	0.00	ACUITIAS
488393.00	6760204.00	187.87	979225.63	15.00	-2.31	-3.89	-6.01	336.00	4884.00	7602.00	0.00	ACUITIAS
488407.00	6760604.00	192.15	979225.50	16.48	-1.24	-2.85	-5.02	147.00	4884.00	7606.00	0.00	ACUITIAS
488404.00	6761013.00	192.06	979225.71	18.11	0.36	-1.26	-3.44	147.00	4884.00	7610.00	0.00	ACUITIAS
488405.00	6761411.00	190.72	979228.12	19.22	1.64	0.04	-2.12	148.00	4884.00	7614.00	0.00	ACUITIAS
488402.00	6761789.00	190.55	979228.52	19.82	2.26	0.66	-1.49	148.00	4884.00	7618.00	0.00	ACUITIAS
488399.00	6769412.00	200.60	979234.48	34.18	15.69	14.01	11.74	247.00	4884.00	7694.00	0.00	ACUITIAS
488395.00	6769805.00	198.10	979235.33	34.54	16.28	14.62	12.38	247.00	4884.00	7698.00	0.00	ACUITIAS
488400.00	6770217.00	194.85	979235.89	34.37	16.42	14.78	12.58	247.00	4884.00	7702.00	0.00	ACUITIAS
488406.00	6770615.00	192.66	979235.96	34.05	16.29	14.68	12.50	247.00	4884.00	7706.00	0.00	ACUITIAS
488404.00	6771003.00	198.13	979235.23	33.27	15.01	13.35	11.11	247.00	4884.00	7710.00	0.00	ACUITIAS
488410.00	6771408.00	197.86	979233.27	33.51	15.28	13.62	11.38	247.00	4884.00	7714.00	0.00	ACUITIAS
488406.00	6771814.00	197.13	979234.27	34.57	16.40	14.75	12.52	247.00	4884.00	7718.00	0.00	ACUITIAS
488396.00	6772212.00	196.32	979234.65	34.97	16.88	15.23	13.01	247.00	4884.00	7722.00	0.00	ACUITIAS
488406.00	6772599.00	193.29	979235.23	34.89	17.07	15.45	13.27	247.00	4884.00	7726.00	0.00	ACUITIAS
488408.00	6773015.00	191.59	979235.52	34.95	17.29	15.68	13.51	247.00	4884.00	7730.00	0.00	ACUITIAS
488409.00	6773414.00	192.91	979235.32	35.42	17.64	16.03	13.84	247.00	4884.00	7734.00	0.00	ACUITIAS
488396.00	6773802.00	196.16	979234.56	35.94	17.86	16.21	13.99	247.00	4884.00	7738.00	0.00	ACUITIAS
488399.00	6774209.00	199.40	979233.39	36.05	17.67	16.00	13.75	247.00	4884.00	7742.00	0.00	ACUITIAS
488402.00	6774607.00	203.03	979231.54	35.60	16.89	15.19	12.89	247.00	4884.00	7746.00	0.00	ACUITIAS
488405.00	6775005.00	205.79	979230.71	35.89	16.92	15.20	12.87	247.00	4884.00	7750.00	0.00	ACUITIAS
488402.00	6775409.00	204.06	979231.11	36.04	17.23	15.52	13.21	247.00	4884.00	7754.00	0.00	ACUITIAS
488403.00	6775814.00	206.20	979230.57	36.44	17.43	15.71	13.37	247.00	4884.00	7758.00	0.00	ACUITIAS
488404.00	6776212.00	209.56	979229.49	36.68	17.36	15.61	13.23	247.00	4884.00	7762.00	0.00	ACUITIAS
488408.00	6776601.00	214.05	979228.15	36.99	17.26	15.47	13.05	247.00	4884.00	7766.00	0.00	ACUITIAS
488404.00	6776994.00	222.27	979225.81	37.46	16.98	15.11	12.60	247.00	4884.00	7770.00	0.00	ACUITIAS
488408.00	6777412.00	225.53	979224.11	37.05	16.26	14.37	11.82	247.00	4884.00	7774.00	0.00	ACUITIAS
488422.00	6777804.00	231.06	979221.87	36.79	15.49	13.56	10.94	245.00	4884.00	7778.00	0.00	ACUITIAS
488395.00	6778204.00	227.14	979222.17	36.16	15.22	13.32	10.75	247.00	4884.00	7782.00	0.00	ACUITIAS
488400.00	6778598.00	221.57	979222.61	35.15	14.73	12.87	10.37	247.00	4884.00	7786.00	0.00	ACUITIAS
488404.00	6779007.00	217.22	979222.71	34.19	14.17	12.35	9.89	247.00	4884.00	7790.00	0.00	ACUITIAS
488399.00	6779409.00	212.81	979222.85	33.25	13.64	11.85	9.44	247.00	4884.00	7794.00	0.00	ACUITIAS
488410.00	6779812.00	210.26	979222.35	32.24	12.86	11.10	8.72	247.00	4884.00	7798.00	0.00	ACUITIAS
488407.00	6780217.00	207.67	979222.18	31.55	12.41	10.67	8.32	247.00	4884.00	7802.00	0.00	ACUITIAS
488401.00	6780601.00	208.15	979220.83	30.63	11.44	9.70	7.34	247.00	4884.00	7806.00	0.00	ACUITIAS
488404.00	6781003.00	206.51	979220.57	30.14	11.10	9.37	7.04	247.00	4884.00	7810.00	0.00	ACUITIAS
488399.00	6781415.00	208.38	979219.61	30.03	10.83	9.08	6.72	154.00	4884.00	7814.00	0.00	ACUITIAS
488399.00	6781807.00	208.07	979218.47	29.07	9.89	8.15	5.79	154.00	4884.00	7818.00	0.00	ACUITIAS
488398.00	6782210.00	207.06	979217.73	28.30	9.22	7.48	5.14	248.00	4884.00	7822.00	0.00	ACUITIAS
488394.00	6782607.00	208.80	979216.53	27.91	8.67	6.92	4.56	154.00	4884.00	7826.00	0.00	ACUITIAS
488392.00	6783011.00	210.45	979215.36	27.53	8.13	6.37	3.99	154.00	4884.00	7830.00	0.00	ACUITIAS
488392.00	6783415.00	205.58	979216.01	26.96	8.01	6.29	3.96	154.00	4884.00	7834.00	0.00	ACUITIAS
488387.00	6783806.00	197.31	979216.66	25.32	7.14	5.48	3.25	154.00	4884.00	7838.00	0.00	ACUITIAS
488392.00	6784206.00	192.77	979216.36	23.90	6.13	4.52	2.34	154.00	4884.00	7842.00	0.00	ACUITIAS
488383.00	6784613.00	188.89	979215.81	22.43	5.02	3.44	1.30	154.00	4884.00	7846.00	0.00	ACUITIAS
488387.00	6784994.00	188.44	979214.71	21.46	4.09	2.51	0.38	154.00	4884.00	7850.00	0.00	ACUITIAS
489199.00	6762615.00	205.59	979223.08	19.60	0.65	-1.07	-3.40	148.00	4892.00	7626.00	0.00	ACUITIAS
489204.00	6762999.00	206.01	979224.07	20.98	1.99	0.27	-2.06	148.00	4892.00	7630.00	0.00	ACUITIAS
489199.00	6763401.00	201.30	979226.24	21.98	3.42	1.74	-0.54	148.00	4892.00	7634.00	0.00	ACUITIAS
489199.00	6763799.00	196.11	979228.08	22.49	4.42	2.77	0.55	148.00	4892.00	7638.00	0.00	ACUITIAS
489201.00	6764202.00	190.08	979230.01	23.10	5.51	3.91	1.75	148.00	4892.00	7642.00	0.00	ACUITIAS
489200.00	6764620.00	187.10	979231.49	23.70	6.45	4.88	2.77	148.00	4892.00	7646.00	0.00	ACUITIAS
489186.00	6765020.00	184.52	979232.56	24.25	7.24	5.69	3.60	148.00	4892.00	7650.00	0.00	ACUITIAS
489193.00	6765406.00	184.69	979232.51	24.52	7.50	5.95	3.86	148.00	4892.00	7654.00	0.00	ACUITIAS
489200.00	6765804.00	184.92	979232.61	24.97	7.93	6.38	4.28	148.00	4892.00	7658.00	0.00	ACUITIAS
489192.00	6766214.00	188.14	979232.11	25.74	8.40	6.82	4.70	148.00	4892.00	7662.00	0.00	ACUITIAS
489198.00	6766599.00	192.58	979231.60	26.89	9.13	7.52	5.34	148.00	4892.00	7666.00	0.00	ACUITIAS
489197.00	6767000.00	193.49	979231.98	27.81	9.98	8.36	6.17	148.00	4892.00	7670.00	0.00	ACUITIAS
489196.00	6767402.00	195.56	979232.62	29.37	11.34	9.70	7.49	148.00	4892.00	7674.00	0.00	ACUITIAS
489204.00	6767802.00	197.71	979232.83	30.52	12.30	10.64	8.41	148.00	4892.00	7678.00	0.00	ACUITIAS
489202.00	6768192.00	201.75	979232.54	31.75	13.16	11.47	9.19	148.00	4892.00	7682.00	0.00	ACUITIAS
489192.00	6768598.00	202.29	979232.94	32.87	14.23	12.53	10.25	148.00	4892.00	7690.00	0.00	ACUITIAS
489203.00	6769410.00	199.94	979233.69	33.19	14.76	13.08	10.82	245.00	4892.00	7694.00	0.00	ACUITIAS
489202.00	6759205.00	189.79	979222.99	11.26	-6.23	-7.82	-9.97	135.00	4900.00	7592.00	0.00	ACUITIAS
490000.00	6759603.00	189.97	979222.46	12.07	-5.44	-7.04	-9.18	135.00	4900.00	7596.00	0.00	ACUITIAS
489997.00	6760007.00	193.41	979222.05	13.00	-4.83	-6.45	-8.64	135.00	4900.00	7600.00	0.00	ACUITIAS
489997.00	6760413.00	193.78	979222.80	14.15	-3.71	-5.34	-7.53	147.00	4900.00	7604.00	0.00	ACUITIAS
489996.00	6760805.00	194.62	979223.60	15.48	-2.46	-4.09	-6.29	147.00	4900.00	7608.00	0.00	ACUITIAS
490005.00	6761216.00	196.14	979224.45	17.08	-1.00	-2.64	-4.86	147.00	4900.00	7612.00	0.00	ACUITIAS
490004.00	6761602.00	198.44	979224.28	17.89	-0.41	-2.07	-4.31	148.00	4900.00	7616.00	0.00	ACUITIAS
489998.00	6767196.00	192.04	979232.74	29.34	11.61	10.00	7.82	159.00	4900.00	7672.00	0.00	ACUITIAS
489989.00	6767766.00	196.68	979233.52	30.87	12.74	11.09	8.87	159.00	4900.00	7678.00	0.00	ACUITIAS
489998.00	6768208.00	201.20	979233.04	32.09	13.55	11.86	9.59	246.00	4900.00	7682.00	0.00	ACUITIAS
490004.00	6768612.00	206.76	979232.32	33.36	14.31	12.57	10.23	246.00	4900.00	7686.00	0.00	ACUITIAS
489989.00	6769010.00	204.30	979233.13	33.69	14.86	13.15	10.84	246.00	4900.00	7690.00	0.00	ACUITIAS
490009.00	6769404.00	202.82	979233.33	33.71	15.01	13.31	11.02	246.00	4900.00	7694.00	0.00	ACUITIAS
490006.00	6769800.00	201.63	979233.15	34.43	15.85	14.16	11.88	246.00	4900.00	7698.00	0.00	ACUITIAS
490006.00	6770196.00	202.14	979233.09	33.81	15.18	13.49	11.20	246.00	4900.00	7702.00	0.00	ACUITIAS
489999.00	6770601.00	200.19	979232.35	32.75	14.30	12.62	10.36	246.00	4900.00	7706.00	0.00	ACUITIAS
490004.00	6771003.00	198.97	979232.44	32.74	14.40	12.73	10.48	246.00	4900.00	7710.00	0.00	ACUITIAS
490004.00	6771401.00	199.26	979232.14	32.81	14.44	12.77	10.52	246.00	4900.00	7714.00	0.00	ACUITIAS
490001.00	6771798.00	203.20	979230.89	33.05	14.32	12.62	10.32	246.00	4900.00	7718.00	0.00	ACUITIAS
490007.00	6772197.00	203.12	979231.32	33.73	15.01	13.31	11.01	246.00	4900.00	7722.00	0.00	ACUITIAS
490007.00	6772608.00	199.39	979231.07	34.68	16.29	14.61	12.36	246.00	4900.00	7726.00	0.00	ACUITIAS
490007.00	6773000.00	198.29	979233.19	34.67	16.39	14.73	12.49	246.00	4900.00	7730.00	0.00	ACUITIAS
490005.00	6773411.00	198.16	979232.78	34.51	16.24	14.58	12.34	246.00	4900.00	7734.00	0.00	ACUITIAS
489999.00	6773806.00	196.11	979233.35	34.72	16.64	15.00	12.78	246.00	4900.00	7738.00	0.00	ACUITIAS
490010.00	6774202.00	199.74	979232.47	35.22	16.81	15.14	12.88	246.00	4900.00	7742.00	0.00	ACUITIAS
490004.00	6774605.00	201.42	979231.72	35.27	16.71	15.02	12.74	246.00	4900.00	7746.00	0.00	ACUITIAS
490017.00	6775002.00	204.00	979230.50	35.12	16.32	14.61	12.30	246.00	4900.00	7750.00	0.00	ACUITIAS
490005.00	6775403.00	207.22	979229.09	34.99	15.89	14.16	11.81	246.00	4900.00	7754.00	0.00	ACUITIAS
489997.00	6775806.00	209.93	979228.05	35.07	15.72	13.96	11.59	246.00	4900.00	7758.00	0.00	ACUITIAS
489996.00	6776200.00	213.23	979227.09	35.40	15.75	13.96	11.55	246.00	4900.00	7762.00	0.00	ACUITIAS
490005.00	6776599.00	218.52	979225.18	35.40	15.26	13.43	10.96	246.00	4900.00	7766.00	0.00	ACUITIAS
490009.00	6777008.00	221.53	979223.66	35.09	14.67	12.82	10.31	246.00	4900.00	7770.00	0.00	ACUITIAS
490006.00	6777404.00	219.04	979224.04	34.97	14.79	12.95	10.47	246.00	4900.00	7774.00	0.00	ACUITIAS
490011.00	6777801.00	217.48	979224.85	34.58	14.54	12.72	10.26	246.00	4900.00	7778.00	0.00	ACUITIAS
490005.00	6778198.00	219.74	979222.72	34.42	14.16	12.32	9.84	246.00	4900.00	7782.00	0.00	ACUITIAS
490005.00	6778617.00	219.96	979221.92	33.98	13.71	11.86	9.38	246.00	4900.00	7786.00	0.00	ACUITIAS
490011.00	6779013.00	217.41	979221.92	33.47	13.43	11.61	9.15	246.00	4900.00	7790.00	0.00	ACUITIAS
490009.00	6779408.00	215.54	979221.77	33.01	13.14	11.34	8.90	246.00	4900.00	7794.00	0.00	ACUITIAS
490000.00	6779810.00	214.43	979221.73	32.91	13.15	11.35	8.93	246.00	4900.00	7798.00	0.00	ACUITIAS
490010.00	6780203.00	213.88	979221.04	32.32	12.61	10.82	8.40	246.00	4900.00	7802.00	0.00	ACUITIAS
490008.00	6780612.00	214.00	979220.14	31.74	12.02	10.22	7.80	246.00	4900.00	7806.00	0.00	ACUITIAS
490000.00	6781010.00	210.44	979220.00	30.78	11.39	9.62	7.24	246.00	4900.00	7810.00	0.00	ACUITIAS
490010.00	6781409.00	210.39	979219.12	30.16	10.77	9.01	6.63	246.00	4900.00	7814.00	0.00	ACUITIAS
490010.00	6781804.00	211.25

490809.00	6770335.00	205.25	979231.61	33.38	14.47	12.75	10.42	159.00	4908.00	7704.00	0.00	ACUITIAS
491591.00	6766679.00	194.06	979231.10	26.89	9.00	7.38	5.18	159.00	4915.00	7666.00	0.00	ACUITIAS
491508.00	6767248.00	195.37	979231.55	28.13	10.12	8.49	6.28	159.00	4915.00	7672.00	0.00	ACUITIAS
491596.00	6758996.00	199.12	979218.86	10.87	-7.48	-9.15	-11.41	336.00	4916.00	7590.00	0.00	ACUITIAS
491596.00	6759400.00	198.44	979218.81	10.89	-7.40	-9.06	-11.31	336.00	4916.00	7594.00	0.00	ACUITIAS
491596.00	6759802.00	198.38	979219.16	11.50	-6.78	-8.45	-10.69	336.00	4916.00	7598.00	0.00	ACUITIAS
491592.00	6760197.00	199.93	979219.32	12.41	-6.02	-7.69	-9.95	336.00	4916.00	7602.00	0.00	ACUITIAS
491593.00	6767611.00	197.93	979231.96	29.58	11.34	9.68	7.44	245.00	4916.00	7676.00	0.00	ACUITIAS
491605.00	6768019.00	203.35	979230.73	30.31	11.57	9.86	7.56	245.00	4916.00	7680.00	0.00	ACUITIAS
491598.00	6768414.00	205.63	979231.22	31.78	12.82	11.10	8.77	245.00	4916.00	7684.00	0.00	ACUITIAS
491593.00	6768811.00	207.21	979231.35	32.67	13.57	11.83	9.49	245.00	4916.00	7688.00	0.00	ACUITIAS
491593.00	6769192.00	210.39	979230.58	33.15	13.76	12.00	9.62	245.00	4916.00	7692.00	0.00	ACUITIAS
491608.00	6769592.00	210.44	979230.34	33.21	13.81	12.05	9.66	245.00	4916.00	7696.00	0.00	ACUITIAS
491609.00	6770019.00	209.31	979230.70	33.51	14.22	12.46	10.10	245.00	4916.00	7700.00	0.00	ACUITIAS
491615.00	6770406.00	206.81	979230.43	32.73	13.67	11.94	9.60	159.00	4916.00	7704.00	0.00	ACUITIAS
491614.00	6770780.00	204.71	979230.34	32.26	13.39	11.67	9.36	245.00	4916.00	7708.00	0.00	ACUITIAS
491609.00	6771211.00	207.04	979229.71	32.64	13.56	11.83	9.48	245.00	4916.00	7712.00	0.00	ACUITIAS
491610.00	6771610.00	208.61	979229.38	33.07	13.84	12.10	9.74	245.00	4916.00	7716.00	0.00	ACUITIAS
491602.00	6772021.00	212.42	979229.89	34.05	14.47	12.69	10.28	245.00	4916.00	7720.00	0.00	ACUITIAS
491609.00	6772428.00	212.41	979229.25	34.69	15.11	13.33	10.93	245.00	4916.00	7724.00	0.00	ACUITIAS
491609.00	6772817.00	210.54	979229.44	34.57	15.17	13.40	11.02	245.00	4916.00	7728.00	0.00	ACUITIAS
491586.00	6773185.00	206.76	979230.67	34.89	15.83	14.10	11.76	245.00	4916.00	7732.00	0.00	ACUITIAS
491600.00	6773627.00	203.89	979231.57	35.21	16.41	14.71	12.40	245.00	4916.00	7736.00	0.00	ACUITIAS
491608.00	6774009.00	207.18	979230.65	35.57	16.48	14.74	12.40	245.00	4916.00	7740.00	0.00	ACUITIAS
491631.00	6774412.00	204.09	979230.85	35.10	16.29	14.58	12.27	245.00	4916.00	7744.00	0.00	ACUITIAS
491602.00	6774805.00	203.17	979229.15	33.86	15.11	13.41	11.11	246.00	4916.00	7754.00	0.00	ACUITIAS
491597.00	6775802.00	203.24	979228.57	33.51	14.78	13.08	10.78	246.00	4916.00	7758.00	0.00	ACUITIAS
491585.00	6776213.00	205.46	979227.22	33.14	14.20	12.48	10.15	246.00	4916.00	7762.00	0.00	ACUITIAS
491588.00	6776608.00	208.10	979226.00	33.01	13.83	12.08	9.73	246.00	4916.00	7766.00	0.00	ACUITIAS
491594.00	6777014.00	211.15	979224.56	32.79	13.33	11.56	9.17	246.00	4916.00	7770.00	0.00	ACUITIAS
491590.00	6777409.00	210.88	979224.35	32.77	13.34	11.57	9.18	246.00	4916.00	7774.00	0.00	ACUITIAS
491606.00	6777812.00	210.60	979224.50	33.11	13.70	11.94	9.55	246.00	4916.00	7778.00	0.00	ACUITIAS
491585.00	6778206.00	216.68	979222.81	33.55	13.99	11.78	9.33	246.00	4916.00	7782.00	0.00	ACUITIAS
491582.00	6778617.00	234.44	979218.03	34.55	12.94	10.98	8.33	246.00	4916.00	7786.00	0.00	ACUITIAS
491597.00	6779007.00	228.91	979218.75	33.84	12.74	10.82	8.23	153.00	4916.00	7790.00	0.00	ACUITIAS
491601.00	6779395.00	225.03	979219.12	33.28	12.54	10.65	8.11	153.00	4916.00	7794.00	0.00	ACUITIAS
491598.00	6779809.00	214.17	979221.77	32.86	13.12	11.33	8.91	160.00	4916.00	7798.00	0.00	ACUITIAS
491595.00	6780197.00	215.23	979220.54	32.23	12.39	10.59	8.15	153.00	4916.00	7802.00	0.00	ACUITIAS
491605.00	6781015.00	216.68	979218.35	31.05	11.08	9.27	6.82	246.00	4916.00	7810.00	0.00	ACUITIAS
491596.00	6781402.00	206.44	979219.65	29.47	10.44	8.71	6.38	246.00	4916.00	7814.00	0.00	ACUITIAS
491593.00	6781802.00	196.65	979220.73	27.81	9.68	8.03	5.81	246.00	4916.00	7818.00	0.00	ACUITIAS
491600.00	6782205.00	193.09	979220.34	26.59	8.79	7.17	4.99	246.00	4916.00	7822.00	0.00	ACUITIAS
491601.00	6782606.00	192.75	979219.06	25.48	7.72	6.10	3.92	246.00	4916.00	7826.00	0.00	ACUITIAS
491603.00	6783014.00	191.76	979218.45	24.85	7.18	5.57	3.40	246.00	4916.00	7830.00	0.00	ACUITIAS
491598.00	6783410.00	194.76	979216.58	24.18	6.23	4.60	2.39	246.00	4916.00	7834.00	0.00	ACUITIAS
491603.00	6783809.00	189.36	979217.00	23.39	5.88	4.29	2.14	246.00	4916.00	7838.00	0.00	ACUITIAS
491600.00	6784205.00	187.48	979216.73	22.64	5.36	3.79	1.67	246.00	4916.00	7842.00	0.00	ACUITIAS
491592.00	6784603.00	183.38	979216.63	21.55	4.64	3.11	1.03	246.00	4916.00	7846.00	0.00	ACUITIAS
491596.00	6785010.00	178.10	979217.14	20.71	4.29	2.80	0.79	246.00	4916.00	7850.00	0.00	ACUITIAS
492405.00	6760215.00	205.40	979217.54	12.32	-6.61	-8.33	-10.65	147.00	4924.00	7602.00	0.00	ACUITIAS
492403.00	6760601.00	206.85	979217.28	12.78	-6.28	-8.01	-10.35	147.00	4924.00	7606.00	0.00	ACUITIAS
492403.00	6760995.00	205.73	979217.73	13.17	-5.79	-7.52	-9.84	147.00	4924.00	7610.00	0.00	ACUITIAS
492407.00	6761413.00	203.62	979218.09	13.26	-5.54	-7.25	-9.55	148.00	4924.00	7614.00	0.00	ACUITIAS
492404.00	6761799.00	202.69	979218.48	13.54	-5.14	-6.84	-9.13	148.00	4924.00	7618.00	0.00	ACUITIAS
492385.00	6762200.00	199.69	979221.00	15.41	-3.00	-4.67	-6.93	148.00	4924.00	7622.00	0.00	ACUITIAS
492411.00	6762619.00	197.56	979222.84	16.88	-1.33	-2.98	-5.22	148.00	4924.00	7626.00	0.00	ACUITIAS
492392.00	6763001.00	194.65	979223.50	16.91	-1.03	-2.66	-4.86	148.00	4924.00	7630.00	0.00	ACUITIAS
492401.00	6763403.00	198.00	979222.25	16.97	-1.28	-2.94	-5.18	148.00	4924.00	7634.00	0.00	ACUITIAS
492392.00	6763810.00	199.01	979221.41	16.77	-1.52	-3.30	-5.56	148.00	4924.00	7636.00	0.00	ACUITIAS
492388.00	6764007.00	199.78	979221.20	16.89	-1.52	-3.20	-5.46	148.00	4924.00	7640.00	0.00	ACUITIAS
492391.00	6764402.00	202.39	979221.87	18.64	-0.01	-1.71	-4.00	148.00	4924.00	7644.00	0.00	ACUITIAS
492395.00	6764812.00	198.04	979224.17	19.88	1.63	-0.03	-2.27	148.00	4924.00	7648.00	0.00	ACUITIAS
492396.00	6765205.00	195.35	979225.40	20.56	2.56	0.92	-1.29	148.00	4924.00	7652.00	0.00	ACUITIAS
492392.00	6765611.00	193.43	979227.20	22.05	4.22	2.60	0.41	148.00	4924.00	7656.00	0.00	ACUITIAS
492400.00	6765997.00	190.67	979229.73	23.99	6.42	4.82	2.66	148.00	4924.00	7660.00	0.00	ACUITIAS
492392.00	6766395.00	189.99	979230.64	24.97	7.46	5.87	3.72	148.00	4924.00	7664.00	0.00	ACUITIAS
492390.00	6766829.00	192.49	979230.39	25.79	8.05	6.44	4.26	148.00	4924.00	7668.00	0.00	ACUITIAS
492400.00	6767421.00	199.03	979229.53	27.36	9.01	7.35	5.09	148.00	4924.00	7674.00	0.00	ACUITIAS
492396.00	6767811.00	200.87	979229.86	28.53	10.01	8.33	6.06	148.00	4924.00	7678.00	0.00	ACUITIAS
492381.00	6768257.00	203.10	979230.48	30.15	11.43	9.73	7.43	159.00	4924.00	7682.00	0.00	ACUITIAS
492390.00	6768769.00	207.33	979230.33	31.66	12.55	10.81	8.46	159.00	4924.00	7688.00	0.00	ACUITIAS
492431.00	6769475.00	213.49	979229.66	33.38	13.71	11.92	9.50	159.00	4924.00	7694.00	0.00	ACUITIAS
492423.00	6770046.00	214.73	979228.81	33.31	13.51	11.71	9.29	159.00	4924.00	7700.00	0.00	ACUITIAS
493256.00	6766227.00	195.40	979227.38	23.26	5.25	3.62	1.40	160.00	4931.00	7662.00	0.00	ACUITIAS
493265.00	6766787.00	193.08	979229.33	24.89	7.09	5.47	3.29	160.00	4931.00	7668.00	0.00	ACUITIAS
493247.00	6767534.00	195.88	979229.74	26.68	8.62	6.98	4.77	160.00	4931.00	7675.00	0.00	ACUITIAS
493266.00	6768017.00	202.19	979229.21	28.43	9.80	8.10	5.82	160.00	4931.00	7680.00	0.00	ACUITIAS
493245.00	6768544.00	205.01	979229.85	30.31	11.41	9.69	7.37	160.00	4931.00	7686.00	0.00	ACUITIAS
493296.00	6769067.00	209.04	979229.79	32.04	12.72	10.96	8.59	160.00	4931.00	7690.00	0.00	ACUITIAS
493108.00	6769488.00	215.23	979228.99	33.25	13.42	11.61	9.18	160.00	4931.00	7694.00	0.00	ACUITIAS
493204.00	6759017.00	209.82	979214.75	10.07	-9.27	-11.02	-13.40	237.00	4932.00	7590.00	0.00	ACUITIAS
494006.00	6759004.00	207.04	979214.91	9.36	-9.72	-11.45	-13.80	147.00	4940.00	7590.00	0.00	ACUITIAS
494006.00	6759398.00	210.60	979214.73	10.56	-8.85	-10.62	-13.00	147.00	4940.00	7594.00	0.00	ACUITIAS
494003.00	6759810.00	209.15	979215.18	10.85	-8.43	-10.18	-12.55	147.00	4940.00	7598.00	0.00	ACUITIAS
494000.00	6760207.00	207.60	979216.03	11.49	-7.64	-9.38	-11.73	147.00	4940.00	7602.00	0.00	ACUITIAS
494006.00	6760606.00	205.92	979216.37	11.53	-7.43	-9.16	-11.48	147.00	4940.00	7606.00	0.00	ACUITIAS
494004.00	6760995.00	204.20	979217.29	12.25	-6.57	-8.28	-10.59	147.00	4940.00	7610.00	0.00	ACUITIAS
493971.00	6761416.00	204.30	979218.37	13.65	-5.18	-6.89	-9.20	148.00	4940.00	7614.00	0.00	ACUITIAS
494013.00	6761810.00	204.76	979218.41	14.11	-4.76	-6.48	-8.79	148.00	4940.00	7618.00	0.00	ACUITIAS
494003.00	6762210.00	202.56	979219.62	14.92	-3.75	-5.44	-7.73	148.00	4940.00	7622.00	0.00	ACUITIAS
494005.00	6762603.00	201.14	979221.32	16.46	-2.08	-3.77	-6.04	148.00	4940.00	7626.00	0.00	ACUITIAS
494019.00	6763003.00	203.99	979220.99	17.28	-1.52	-3.23	-5.53	148.00	4940.00	7630.00	0.00	ACUITIAS
494000.00	6763394.00	206.43	979221.76	17.98	-1.85	-3.68	-6.02	148.00	4940.00	7634.00	0.00	ACUITIAS
494002.00	6763817.00	209.57	979218.46	17.04	-2.28	-4.03	-6.41	148.00	4940.00	7638.00	0.00	ACUITIAS
494009.00	6764212.00	213.68	979217.81	17.93	-1.77	-3.56	-5.97	148.00	4940.00	7642.00	0.00	ACUITIAS
493989.00	6764609.00	207.14	979219.81	18.19	-0.90	-2.63	-4.98	148.00	4940.00	7646.00	0.00	ACUITIAS
494005.00	6765001.00	203.83	979221.41	19.04	0.25	-1.46	-3.76	148.00	4940.00	7650.00	0.00	ACUITIAS
493994.00	6765412.00	204.94	979221.99	20.25	1.36	-0.36	-2.67	148.00	4940.00	7654.00	0.00	ACUITIAS
494001.00	6765803.00	204.73	979222.87	21.34	2.47	0.75	-1.56	148.00	4940.00	7658.00	0.00	ACUITIAS
494000.00	6766207.00	200.31	979224.59	21.97	3.51	1.83	-0.43	148.00	4940.00	7662.00	0.00	ACUITIAS
494002.00	6766807.00	198.71	979226.08	23.39	5.08	3.41	1.16	148.00	4940.00	7668.00	0.00	ACUITIAS
494011.00	6767216.00	196.34	979227.86	24.72	6.62	4.98	2.76	148.00	4940.00	7672.00	0.00	ACUITIAS
494012.00	6767622.00	195.17	979228.88	25.66	7.68	6.04	3.83	148.00	4940.00	7676.00	0.00	ACUITIAS
494010.00	6768000.00	197.82	979228.93	26.79	8.56	6.90	4.67	148.00	4940.00	7680.00	0.00	ACUITIAS
493998.00	6768399.00	201.09	979229.81	28.96	10.43	8.74	6.47	153.00	4940.00	7684.00	0.00	ACUITIAS
493998.00	6768817.00	204.57	979230.25	30.88	11.99	10.27	7.95	153.00	4940.00	7688.00	0.00	ACUITIAS
494014.00	6769222.00	208.00	979230.00	31.85	12.67	10.93	8.58	153.00	4940.00	7692.00	0.00	ACUITIAS
494002.00	6769598.00	219.45	979227.15	32.79	12.57	10.73	8.24	153.00	4940.00	7696.00	0.00	ACUITIAS
494002.00	6770007.00	222.45	979225.50	32.36	11.85	9.99	7.47	153.00	4940.00	7700.00	0.00	ACUITIAS
494001.00	6770418.00	223.89	979225.00	32.59	11.95	10.07	7.54	153.00	4940.00	7704.00	0.00	ACUITIAS
494002.00	6770820.00	223.26	979225.07	32.74	12.16	10.29	7.77	153.00	4940.00	7708.00	0.00	ACUITIAS
493998.00	6771210.00	222.50	979225.28	32.99	12.48	10.62	8.10	153.00	4940.00	7712.00	0.00	ACUITIAS
494000.00	6771613.00	219.66	979225.78	32.99	12.71	10.87	8.38	153.00	4940.00	7716.00	0.00	ACUITIAS
494000.00	6772001.00	218.22	979225.95	32.88	12.77	10.94	8.47	153.00	4940.00	7720.00	0.00	ACUITIAS
494016.00	6772422.00	221.53	979225.20	33.45	13.03	11.17	8.67	153.00	4940.00	7724.00	0.00	ACUITIAS
493999.00	6772813.00	222.56	979225.03	33.87	13.36	11.49	8.97	153.00	4940.00	7728.00	0.00	ACUITIAS
493994.00	6773215.00	219.85	979225.61	33.89	13.62	11.78	9.29	153.00	4940.00	7732.00	0.00	ACUITIAS
494010.00	6773614.00	225.95	979223.97	34.41	13.59	11.69	9.14	154.00	4940.00	7736.00	0.00	ACUITIAS
493995.00	6774007.00	224.53	979224.09	34.37	13.67	11.79	9.25	154.00	4940.00	7740.00	0.00	ACUITIAS
493998.00	6774416.00	216.53	979226.23	34.32	14.36	12.55	10.10	154.00	4940.00	7744.00	0.00	ACUITIAS
494003.00	6774817.00	215.35	979226.85	34.85	15.01	13.20	10.76	154.00	4940.00	7748.00	0.00	ACUITIAS
493996.00	6775211.00	216.17	979227.02	35.55	15.63	13.82	11.37	154.00	4940.00	7752.00	0.00	ACUITIAS
494004.00	6775599.00	212.72	979227.71	35.44	15.83	14.05	11.64	154.00	4940.00	7756.00	0.00	ACUITIAS
493998.00	6776011.00	211.23	979228.36	35.92	16.45	14.68	12.29	154.00	4940.00	7760.00	0.00	ACUITIAS
494004.00	6776416.00	198.26	979230.96	34.79	16.52	14.86	12.61	154.00	4940.00	7764.00	0.00	ACUITIAS
494000.00	6776798.00	192.63	979231.47	33.92	16.14	14.52	12.34	154.00	4940.00	7768.00	0.00	ACUITIAS
493999.00	6777210.00	193.99	979230.19	33.26	15.38	13.76	11.56	154.00	4940.00	7772.00	0.00	ACUITIAS
494003.00	6777599.00	199.90	979227.59	32.75	14.32	12.65	10.39	154.00	4940.00	7776.00	0.00	ACUITIAS
493992.00	6778005.00	191.26	979228.38	31.16	13.53	11.93	9.76	154.00	4940.00	7780.00	0.00	ACUITIAS
493993.00	6778406.00	190.04	979227.81	30.49	12.97	11.38	9.23	154.00	4940.00	7784.00	0.00	ACUITIAS
493992.00	6778807.00	194.41	979226.15	30.46	12.54	10.91	8.71	154.00	4940.00	7788.00	0.00	ACUITIAS
494001.00	6779204.00	198.17	979224.38	30.12	11.85	10.19	7.95	154.00	4940.00	7792.00	0.00	ACUITIAS
494007.00	6779600.00	197.70	979223.50	29.37	11.14	9.49	7.25	154.00	4940.00	7796.00	0.00	ACUITIAS
493993.00	6780399.00	201.19	979220.76	28.26	9.71	8.03	5.75	153.00	4940.00	7804.00	0.00	ACUITIAS
494000.00	6780803.00	199.31	979218.97	26.17	7.80	6.13	3.88	154.00	4940.00	7808.00	0.00	ACUITIAS
494002.00	6781207.00	193.41	979218.55	24.21	6.38	4.76	2.58	154.00	4940.00	7812.00	0.00	ACUITIAS
494007.00	6781590.00	188.61	979218.25	22.69	5.31	3.73	1.60	154.00	4940.00	7816.00	0.00	ACUITIAS
494000.00	6781995.00	185.06	979217.81	21.44	4.38	2.83	0.74	154.00	4940.00	7820.00	0.00	ACUITIAS
494000.00	6782400.00	190.04	979215.92	20.63	3.06	1.47	-0.69	154.00	4940.00	7824.00	0.00	ACUITIAS
493998.00	6782804.00	207.76	979210.00	21.19	2.04	0.30	-2.05	154.00	4940.00	7828.00	0.00	ACUITIAS
493997.00	6783202.00	189.91	979213.59	19.55	2.04	0.45	-1.70	154.00	4940.00	7832.00	0.00	ACUITIAS
494000.00	6783599.00	181.69	979213.90	17.60	0.85	-0.67	-2.73	154.00	4940.00	7836.00	0.00	ACUITIAS
494005.00	6783999.00	176.37	979213.16	15.50	-0.76	-2.24	-4.23	154.00	4940.00	7840.00	0.00	ACUITIAS
493999.00	6784397.00	174.75	979211.93	14.04	-2.07	-3.53	-5.51	154.00	4940.00	7844.00	0.00	ACUITIAS
493995.00	6784812.00	171.22	979211.61	12.92	-2.86	-4.30	-6.24	154.00	4940.00	7848.00	0.00	ACUITIAS
494001.00	6785207.00	172.48	979210.38	12.35	-3.55	-5.00	-6.95	154.00	4940.00	7852.00	0.00	ACUITIAS
495595.00	6759003.00	204.55	979215.67	9.35	-9.50	-11.22	-13.53	147.00	4956.00	7590.00	0.00	ACUITIAS
495600.00	6759406.00	211.76	979214.94	11.13	-8.39	-10.17	-12.56	147.00	4956.00	7594.00	0.00	ACUITIAS
495595.00	6759806.00	213.22	979214.95	11.87	-7.78	-9.57	-11.98	147.00	4956.00	7598.00	0.00	ACUITIAS
495584.00	6760183.00	212.12	979215.08	11.92	-7.63	-9.41	-11.80	147.00	4956.00	7602.00	0.00	ACUITIAS
495591.00	6760581.00	211.53	979215.56	12.49	-7.01	-8.78	-11.17	147.00	4956.00	7606.00	0.00	ACUITIAS
495594.00	6760984.00	211.52	979215.86	13.02	-6.46	-8.23	-10.62	147.00	4956.00	7610.00	0.00	ACUITIAS
495599.00	6761403.00	210.68	979215.98	13.22	-6.20	-7.96	-10.34	153.00	4956.00	7614.00	0.00	ACUITIAS
495603.00	6761807.00	209.15	979216.55	13.60	-5.68	-7.43	-9.79	153.00	4956.00	7618.00	0.00	ACUITIAS
495601.00	6762204.00	207.49	979217.41	14.23	-4.90	-6.64	-8.98	153.00	4956.00	7622.00	0.00	ACUITIAS
495602.00	6762607.00	208.09	979218.09	15.37	-3.81	-5.55	-7.90	153.00	4956.00	7626.00	0.00	ACUITIAS
495609.00	6763022.00	209.55	979217.92	15.94	-3.37	-5.13	-7.50	153.00	4956.00	7630.00	0.00	ACUITIAS
495603.00	6763410.00	210.64	979217.74	16.37	-3.05	-4.81	-7.20	153.00	4956.00	7634.00	0.00	ACUITIAS
495601.00	6763810.00	211.12	979217.54	16.65	-2.83	-4.60	-6.99	153.00	4956.00	7638.00	0.00	ACUITIAS
495612.00	6764209.00	210.76	979218.57	17.79	-1.64	-3.40	-5.79	153.00	4956.00	7642.00	0.00	ACUITIAS
495606.00	6764615.00	214.20	979218.32	18.88	-0.86	-2.66	-5.08	153.00	4956.00	7646.00	0.00	ACUITIAS
495598.00	6765007.00	219.45	979217.10	19.56	-0.67	-2.51	-4.99	153.00	4956.00	7650.00	0.00	ACUITIAS
495598.00	6765806.00	216.55	979218.83	20.94	0.98	-0.83	-3.28	153.00	4956.00	7658.00	0.00	ACUITIAS
495605.00	6766215.00	212.08	979220.41	21.43	1.88	0.11	-2.29	153.00	4956.00	7662.00	0.00	ACUITIAS
495609.00	6766611.00	210.50	979221.21	22.02	2.62	0.85	-1.53	153.00	4956.00	7666.00	0.00	ACUITIAS
495613.00	6767010.00	208.15	979222.52	22.88	3.70	1.95	-0.40	153.00	4956.00	7670.00	0.00	ACUITIAS
495602.00	6767400.00	203.38	979224.37	23.53	4.78	3.08	0.78	153.00	4956.00	7674.00	0.00	ACUITIAS
495601.00	6767810.00	201.66	979225.85	24.76	6.18	4.49	2.21	153.00	4956.00	7678.00	0.00	ACUITIAS
495603.00	6768212.00	201.71	979226.78	25.99	7.40	5.71	3.43	153.00	4956.00	7682.00	0.00	ACUITIAS
495602.00	6768602.00	204.38	979226.86	27.16	8.33	6.61	4.30	153.00	4956.00	7686.00	0.00	ACUITIAS
495603.00	6769006.00	206.09	979227.34	28.45	9.46	7.73	5.40	153.00	4956.00	7690.00	0.00	ACUITIAS
495604.00	6769396.00	205.77	979227.70	28.99	10.03	8.30	5.97	153.00	4956.00	7694.00	0.00	ACUITIAS
495597.00	6769807.00	207.13	979227.85	29.84	10.75	9.01	6.67	153.00	4956.00	7698.00	0.00	ACUITIAS
495596.00	6770211.00	209.03	979227.56	30.42	11.15	9.40	7.03	153.00	4956.00	7702.00	0.00	ACUITIAS
495606.00	6770602.00	210.02	979227.31	30.74	11.39	9.63	7.25	153.00	4956.00	7706.00	0.00	ACUITIAS
495597.00	6771010.00	206.54	979228.63	31.27	12.23	10.50	8.16	154.00	4956.00	7710.00	0.00	ACUITIAS
495604.00	6771422.00	214.12	979226.56	31.83	12.09	10.30	7.87	154.00	4956.00	7714.00	0.00	ACUITIAS
495590.00	6771818.00	208.62	979228.12	31.96	12.74	10.99	8.63	154.00	4956.00	7718.00	0.00	ACUITIAS
495598.00	6772205.00	206.12	979228.63	31.99	12.99	11.26	8.93	154.00	4956.00	7722.00	0.00	ACUITIAS
495605.00	6772613.00	216.46	979225.72	32.54	12.58	10.77	8.32	153.00	4956.00	7726.00	0.00	ACUITIAS
495600.00	6773008.00	233.11	979221.25	33.48	11.99	10.04	7.40	154.00	4956.00	7730.00	0.00	ACUITIAS
495603.00	6773409.00

496401.00	6759005.00	201.84	979215.50	8.34	-10.26	-11.95	-14.23	147.00	4964.00	7590.00	0.00	ACUITIAS
497211.00	6759209.00	200.20	979215.54	8.02	-10.43	-12.11	-14.37	147.00	4972.00	7592.00	0.00	ACUITIAS
497198.00	6759614.00	202.88	979215.31	8.90	-9.80	-11.50	-13.79	147.00	4972.00	7596.00	0.00	ACUITIAS
497193.00	6760011.00	203.57	979215.95	10.03	-8.73	-10.44	-12.74	147.00	4972.00	7600.00	0.00	ACUITIAS
497195.00	6760410.00	208.85	979214.83	10.82	-8.43	-10.18	-12.55	147.00	4972.00	7604.00	0.00	ACUITIAS
497198.00	6760797.00	214.51	979213.84	11.84	-7.93	-9.73	-12.16	147.00	4972.00	7608.00	0.00	ACUITIAS
497209.00	6761208.00	214.86	979214.26	12.66	-7.14	-8.94	-11.37	152.00	4972.00	7612.00	0.00	ACUITIAS
497212.00	6761611.00	215.91	979214.48	13.49	-6.42	-8.22	-10.67	147.00	4972.00	7616.00	0.00	ACUITIAS
497206.00	6761997.00	216.35	979214.64	14.05	-5.89	-7.70	-10.15	147.00	4972.00	7620.00	0.00	ACUITIAS
497209.00	6762418.00	215.99	979214.08	13.66	-6.24	-8.05	-10.50	147.00	4972.00	7624.00	0.00	ACUITIAS
497211.00	6762810.00	215.85	979213.79	13.61	-6.28	-8.09	-10.53	147.00	4972.00	7628.00	0.00	ACUITIAS
497168.00	6763266.00	210.55	979215.33	13.83	-5.58	-7.34	-9.73	147.00	4972.00	7632.00	0.00	ACUITIAS
497145.00	6764014.00	212.15	979215.61	16.11	-3.44	-5.22	-7.62	147.00	4972.00	7640.00	0.00	ACUITIAS
497207.00	6764403.00	212.84	979217.71	17.71	-1.91	-3.69	-6.10	147.00	4972.00	7644.00	0.00	ACUITIAS
497194.00	6765019.00	197.31	979222.43	18.06	-0.13	-1.78	-4.01	153.00	4972.00	7650.00	0.00	ACUITIAS
497207.00	6765423.00	202.89	979221.29	18.92	0.22	-1.48	-3.78	153.00	4972.00	7654.00	0.00	ACUITIAS
497187.00	6765816.00	213.24	979219.02	20.12	0.47	-1.32	-3.73	153.00	4972.00	7658.00	0.00	ACUITIAS
497197.00	6766199.00	199.81	979222.81	20.03	1.62	-0.06	-2.32	153.00	4972.00	7662.00	0.00	ACUITIAS
497201.00	6766612.00	203.00	979221.40	20.92	2.20	0.50	-1.79	153.00	4972.00	7666.00	0.00	ACUITIAS
497185.00	6766993.00	204.27	979222.14	21.29	2.46	0.75	-1.56	153.00	4972.00	7670.00	0.00	ACUITIAS
497222.00	6767402.00	198.87	979223.63	21.40	3.06	1.40	-0.85	153.00	4972.00	7674.00	0.00	ACUITIAS
497196.00	6767795.00	199.23	979224.29	22.44	4.08	2.41	0.16	153.00	4972.00	7678.00	0.00	ACUITIAS
497208.00	6768222.00	210.78	979222.57	24.58	5.15	3.39	1.00	153.00	4972.00	7682.00	0.00	ACUITIAS
497196.00	6768600.00	202.44	979225.56	25.26	6.60	4.90	2.61	153.00	4972.00	7686.00	0.00	ACUITIAS
497195.00	6768996.00	194.54	979228.37	25.91	7.98	6.35	4.15	153.00	4972.00	7690.00	0.00	ACUITIAS
497191.00	6769419.00	188.43	979230.54	26.49	9.12	7.54	5.41	153.00	4972.00	7694.00	0.00	ACUITIAS
497198.00	6769795.00	190.75	979229.98	26.91	9.32	7.72	5.57	153.00	4972.00	7698.00	0.00	ACUITIAS
497206.00	6770212.00	199.62	979227.86	27.81	9.41	7.74	5.48	153.00	4972.00	7702.00	0.00	ACUITIAS
497182.00	6770627.00	204.30	979226.20	27.89	9.06	7.34	5.03	153.00	4972.00	7706.00	0.00	ACUITIAS
497206.00	6771001.00	192.81	979228.73	27.13	9.36	7.74	5.56	153.00	4972.00	7710.00	0.00	ACUITIAS
497196.00	6771397.00	191.54	979229.63	27.91	10.25	8.65	6.48	153.00	4972.00	7714.00	0.00	ACUITIAS
497188.00	6771809.00	196.03	979229.72	29.67	11.60	9.96	7.74	153.00	4972.00	7718.00	0.00	ACUITIAS
497206.00	6772205.00	198.43	979229.36	30.32	12.03	10.37	8.13	153.00	4972.00	7722.00	0.00	ACUITIAS
497199.00	6772609.00	193.94	979230.00	29.86	11.98	10.36	8.16	153.00	4972.00	7726.00	0.00	ACUITIAS
497198.00	6773005.00	197.87	979228.99	30.34	12.11	10.45	8.21	255.00	4972.00	7730.00	0.00	ACUITIAS
497216.00	6773394.00	202.54	979227.72	30.78	12.11	10.41	8.12	255.00	4972.00	7734.00	0.00	ACUITIAS
497213.00	6773815.00	199.11	979228.77	31.06	12.71	11.04	8.79	255.00	4972.00	7738.00	0.00	ACUITIAS
497202.00	6774203.00	203.84	979227.23	31.25	12.46	10.75	8.45	255.00	4972.00	7742.00	0.00	ACUITIAS
497198.00	6774601.00	200.34	979227.56	30.71	12.27	10.59	8.33	255.00	4972.00	7746.00	0.00	ACUITIAS
497199.00	6775000.00	191.78	979228.41	29.26	11.59	9.98	7.81	255.00	4972.00	7750.00	0.00	ACUITIAS
497192.00	6775400.00	185.07	979229.25	28.31	11.25	9.70	7.60	255.00	4972.00	7754.00	0.00	ACUITIAS
497213.00	6775817.00	182.62	979229.28	27.87	11.04	9.51	7.44	255.00	4972.00	7758.00	0.00	ACUITIAS
497207.00	6776216.00	179.81	979230.48	28.48	11.91	10.40	8.37	255.00	4972.00	7762.00	0.00	ACUITIAS
497199.00	6776614.00	184.44	979228.63	28.34	11.34	9.79	7.71	255.00	4972.00	7766.00	0.00	ACUITIAS
497203.00	6777010.00	177.42	979229.57	27.38	11.03	9.54	7.54	255.00	4972.00	7770.00	0.00	ACUITIAS
497213.00	6777401.00	177.39	979229.24	27.32	10.97	9.49	7.48	255.00	4972.00	7774.00	0.00	ACUITIAS
497210.00	6777791.00	173.81	979229.49	26.73	10.71	9.26	7.29	255.00	4972.00	7778.00	0.00	ACUITIAS
497206.00	6778193.00	172.75	979227.60	24.80	8.88	7.43	5.47	255.00	4972.00	7782.00	0.00	ACUITIAS
497206.00	6778600.00	176.54	979224.73	23.38	7.11	5.63	3.63	255.00	4972.00	7786.00	0.00	ACUITIAS
497205.00	6779409.00	167.08	979222.81	19.09	3.69	2.29	0.40	254.00	4972.00	7794.00	0.00	ACUITIAS
497210.00	6779800.00	168.54	979220.52	17.53	1.99	0.58	-1.32	254.00	4972.00	7798.00	0.00	ACUITIAS
497198.00	6780197.00	173.23	979218.40	17.13	1.17	-0.29	-2.25	153.00	4972.00	7802.00	0.00	ACUITIAS
497215.00	6780600.00	165.29	979218.54	15.30	0.01	-1.38	-3.26	254.00	4972.00	7806.00	0.00	ACUITIAS
497207.00	6780992.00	164.33	979217.99	14.53	-0.62	-2.00	-3.86	254.00	4972.00	7810.00	0.00	ACUITIAS
497206.00	6781403.00	164.42	979217.40	14.25	-0.91	-2.28	-4.14	254.00	4972.00	7814.00	0.00	ACUITIAS
497220.00	6781805.00	168.79	979215.88	14.35	-1.20	-2.62	-4.53	254.00	4972.00	7818.00	0.00	ACUITIAS
497205.00	6782211.00	165.11	979216.41	14.03	-1.19	-2.57	-4.44	254.00	4972.00	7822.00	0.00	ACUITIAS
497215.00	6782598.00	165.27	979216.09	14.03	-1.20	-2.59	-4.46	254.00	4972.00	7826.00	0.00	ACUITIAS
497215.00	6783007.00	162.68	979216.20	13.71	-1.52	-2.88	-4.52	254.00	4972.00	7830.00	0.00	ACUITIAS
497207.00	6783412.00	163.87	979215.66	13.73	-1.38	-2.75	-4.60	254.00	4972.00	7834.00	0.00	ACUITIAS
497212.00	6783798.00	162.79	979215.71	13.71	-1.29	-2.66	-4.50	254.00	4972.00	7838.00	0.00	ACUITIAS
497208.00	6784189.00	159.62	979215.91	13.21	-1.50	-2.84	-4.65	254.00	4972.00	7842.00	0.00	ACUITIAS
497190.00	6784598.00	159.91	979215.36	13.02	-1.72	-3.06	-4.86	254.00	4972.00	7846.00	0.00	ACUITIAS
497198.00	6785006.00	158.38	979215.50	12.98	-1.62	-2.95	-4.74	254.00	4972.00	7850.00	0.00	ACUITIAS
498013.00	6765797.00	189.03	979222.90	16.52	-0.90	-2.49	-4.63	255.00	4980.00	7658.00	0.00	ACUITIAS
498026.00	6766199.00	191.41	979222.56	17.19	-0.45	-2.05	-4.22	255.00	4980.00	7662.00	0.00	ACUITIAS
498008.00	6766616.00	189.19	979223.38	17.62	0.18	-1.41	-3.55	255.00	4980.00	7666.00	0.00	ACUITIAS
498002.00	6767003.00	191.92	979223.05	18.39	0.70	-0.90	-3.07	255.00	4980.00	7670.00	0.00	ACUITIAS
498007.00	6767392.00	194.17	979223.28	19.59	1.70	0.07	-2.13	255.00	4980.00	7674.00	0.00	ACUITIAS
498007.00	6767806.00	198.72	979223.24	21.24	2.93	1.26	-0.98	255.00	4980.00	7678.00	0.00	ACUITIAS
497991.00	6768213.00	210.63	979221.54	23.50	4.08	2.32	-0.06	255.00	4980.00	7682.00	0.00	ACUITIAS
498020.00	6768602.00	198.65	979225.41	23.94	5.63	3.97	1.72	255.00	4980.00	7686.00	0.00	ACUITIAS
498004.00	6769004.00	187.16	979228.76	24.03	6.78	5.21	3.09	255.00	4980.00	7690.00	0.00	ACUITIAS
498007.00	6769405.00	188.72	979228.82	24.84	7.45	5.87	3.73	255.00	4980.00	7694.00	0.00	ACUITIAS
497999.00	6769800.00	181.59	979230.67	24.77	8.03	6.51	4.45	255.00	4980.00	7698.00	0.00	ACUITIAS
497995.00	6770193.00	188.12	979228.62	25.01	7.67	6.09	3.96	255.00	4980.00	7702.00	0.00	ACUITIAS
498008.00	6770585.00	186.96	979228.85	25.16	7.92	6.36	4.24	255.00	4980.00	7706.00	0.00	ACUITIAS
497998.00	6771007.00	191.83	979227.99	26.09	8.41	6.80	4.63	255.00	4980.00	7710.00	0.00	ACUITIAS
498009.00	6771410.00	187.30	979229.24	26.43	9.10	7.53	5.40	255.00	4980.00	7714.00	0.00	ACUITIAS
498006.00	6771811.00	189.56	979229.58	27.54	10.06	8.48	6.33	255.00	4980.00	7718.00	0.00	ACUITIAS
498009.00	6772202.00	201.68	979227.31	29.28	10.69	9.00	6.72	255.00	4980.00	7722.00	0.00	ACUITIAS
497997.00	6772619.00	186.78	979230.94	28.60	11.38	9.81	7.70	255.00	4980.00	7726.00	0.00	ACUITIAS
498796.00	6759199.00	198.16	979215.97	7.81	-10.45	-12.11	-14.35	155.00	4988.00	7592.00	0.00	ACUITIAS
498814.00	6759607.00	193.95	979216.70	7.53	-10.35	-11.97	-14.16	155.00	4988.00	7596.00	0.00	ACUITIAS
498796.00	6759994.00	189.85	979217.77	7.61	-9.89	-11.48	-13.63	155.00	4988.00	7600.00	0.00	ACUITIAS
498804.00	6760416.00	189.32	979217.78	7.70	-9.74	-11.32	-13.46	155.00	4988.00	7604.00	0.00	ACUITIAS
498812.00	6760804.00	193.99	979216.24	7.92	-9.96	-11.59	-13.78	155.00	4988.00	7608.00	0.00	ACUITIAS
498801.00	6761217.00	224.91	979207.90	9.41	-11.32	-13.21	-15.75	155.00	4988.00	7612.00	0.00	ACUITIAS
498824.00	6762020.00	210.03	979211.22	8.70	-10.66	-12.42	-14.80	155.00	4988.00	7620.00	0.00	ACUITIAS
498793.00	6762406.00	225.44	979207.88	10.37	-10.41	-12.30	-14.85	155.00	4988.00	7624.00	0.00	ACUITIAS
498786.00	6762782.00	199.41	979214.98	9.70	-8.68	-10.35	-12.60	155.00	4988.00	7628.00	0.00	ACUITIAS
498798.00	6763203.00	225.72	979209.74	12.88	-7.92	-9.82	-12.37	155.00	4988.00	7632.00	0.00	ACUITIAS
498788.00	6763605.00	196.10	979215.29	12.56	-5.51	-7.15	-9.37	155.00	4988.00	7636.00	0.00	ACUITIAS
498818.00	6764012.00	198.49	979218.06	13.35	-4.94	-6.60	-8.85	155.00	4988.00	7640.00	0.00	ACUITIAS
498802.00	6764406.00	193.25	979219.62	13.58	-4.24	-5.86	-8.04	155.00	4988.00	7644.00	0.00	ACUITIAS
498809.00	6764796.00	185.00	979221.94	13.62	-3.43	-4.98	-7.08	155.00	4988.00	7648.00	0.00	ACUITIAS
498807.00	6765214.00	184.56	979222.25	14.08	-2.93	-4.47	-6.56	155.00	4988.00	7652.00	0.00	ACUITIAS
498804.00	6765608.00	182.56	979223.07	14.56	-2.26	-3.79	-5.86	155.00	4988.00	7656.00	0.00	ACUITIAS
498809.00	6766012.00	181.59	979223.10	15.51	-1.21	-2.73	-4.78	155.00	4988.00	7660.00	0.00	ACUITIAS
498796.00	6772805.00	181.66	979229.08	25.29	8.55	7.02	4.97	248.00	4988.00	7728.00	0.00	ACUITIAS
498795.00	6773214.00	187.25	979226.77	24.98	7.73	6.16	4.04	248.00	4988.00	7732.00	0.00	ACUITIAS
498796.00	6773621.00	185.56	979226.44	24.41	7.31	5.75	3.66	248.00	4988.00	7736.00	0.00	ACUITIAS
498788.00	6774001.00	180.44	979227.16	23.82	7.19	5.68	3.64	248.00	4988.00	7740.00	0.00	ACUITIAS
498797.00	6774418.00	178.21	979227.20	23.46	7.04	5.54	3.53	248.00	4988.00	7744.00	0.00	ACUITIAS
498799.00	6774811.00	172.69	979228.21	23.04	7.12	5.67	3.72	248.00	4988.00	7748.00	0.00	ACUITIAS
498800.00	6775200.00	178.62	979226.46	23.39	6.93	5.43	3.41	248.00	4988.00	7752.00	0.00	ACUITIAS
498804.00	6775602.00	176.71	979226.32	22.94	6.65	5.17	3.17	255.00	4988.00	7756.00	0.00	ACUITIAS
498806.00	6776008.00	174.00	979226.23	22.30	6.26	4.80	2.83	255.00	4988.00	7760.00	0.00	ACUITIAS
498806.00	6776405.00	169.48	979226.63	21.57	5.95	4.53	2.61	255.00	4988.00	7764.00	0.00	ACUITIAS
498815.00	6776793.00	166.77	979226.90	21.28	5.91	4.51	2.62	255.00	4988.00	7768.00	0.00	ACUITIAS
498812.00	6777196.00	171.15	979225.67	21.68	5.91	4.47	2.54	255.00	4988.00	7772.00	0.00	ACUITIAS
498805.00	6777603.00	165.07	979226.78	21.29	5.98	4.60	2.73	255.00	4988.00	7776.00	0.00	ACUITIAS
498812.00	6777998.00	169.57	979224.77	20.85	5.22	3.80	1.88	255.00	4988.00	7780.00	0.00	ACUITIAS
498812.00	6778384.00	164.63	979224.71	19.53	4.36	2.98	1.12	255.00	4988.00	7784.00	0.00	ACUITIAS
498803.00	6778788.00	163.77	979223.78	18.61	3.52	2.14	0.29	255.00	4988.00	7788.00	0.00	ACUITIAS
498802.00	6779197.00	168.73	979221.69	18.33	2.78	1.37	-0.54	255.00	4988.00	7792.00	0.00	ACUITIAS
498809.00	6779610.00	166.30	979221.33	17.52	2.19	0.79	-1.09	255.00	4988.00	7796.00	0.00	ACUITIAS
498797.00	6779994.00	165.17	979220.32	16.43	1.20	-0.18	-2.05	255.00	4988.00	7800.00	0.00	ACUITIAS
498813.00	6780394.00	158.78	979220.77	15.18	0.54	-0.79	-2.58	255.00	4988.00	7804.00	0.00	ACUITIAS
498803.00	6780801.00	159.03	979219.88	14.65	-0.01	-1.35	-3.14	255.00	4988.00	7808.00	0.00	ACUITIAS
498806.00	6781191.00	158.36	979219.35	14.18	-0.42	-1.74	-3.53	255.00	4988.00	7812.00	0.00	ACUITIAS
498805.00	6781616.00	156.94	979219.17	13.85	-0.61	-1.93	-3.70	255.00	4988.00	7816.00	0.00	ACUITIAS
498799.00	6782011.00	158.49	979218.78	14.22	-0.39	-1.72	-3.51	153.00	4988.00	7820.00	0.00	ACUITIAS
500382.00	6759402.00	191.00	979214.29	4.07	-13.54	-15.14	-17.30	152.00	5004.00	7594.00	0.00	ACUITIAS
500399.00	6759808.00	180.11	979215.95	2.65	-13.95	-15.46	-17.50	152.00	5004.00	7598.00	0.00	ACUITIAS
500395.00	6760211.00	174.82	979215.64	1.99	-14.12	-15.59	-17.56	152.00	5004.00	7602.00	0.00	ACUITIAS
500406.00	6760611.00	172.69	979217.04	2.01	-13.91	-15.35	-17.31	152.00	5004.00	7606.00	0.00	ACUITIAS
500399.00	6761016.00	178.65	979215.80	2.89	-13.57	-15.07	-17.09	152.00	5004.00	7610.00	0.00	ACUITIAS
500386.00	6761400.00	174.58	979217.13	3.23	-12.86	-14.32	-16.30	152.00	5004.00	7614.00	0.00	ACUITIAS
500403.00	6761805.00	172.44	979218.19	3.92	-11.98	-13.42	-15.37	152.00	5004.00	7618.00	0.00	ACUITIAS
500391.00	6762200.00	168.66	979219.22	4.05	-11.50	-12.91	-14.82	152.00	5004.00	7622.00	0.00	ACUITIAS
500408.00	6762609.00	173.40	979216.47	5.05	-10.94	-12.39	-14.35	152.00	5004.00	7626.00	0.00	ACUITIAS
500402.00	6762991.00	173.50	979219.07	5.95	-10.04	-11.50	-13.46	152.00	5004.00	7630.00	0.00	ACUITIAS
500378.00	6763403.00	172.81	979219.97	6.92	-9.01	-10.46	-12.41	152.00	5004.00	7634.00	0.00	ACUITIAS
500382.00	6763812.00	177.06	979219.92	8.46	-7.86	-9.34	-11.35	152.00	5004.00	7638.00	0.00	ACUITIAS
500396.00	6764207.00	176.39	979220.84	9.45	-6.81	-8.29	-10.28	152.00	5004.00	7642.00	0.00	ACUITIAS
500383.00	6764608.00	175.82	979221.65	10.36	-5.84	-7.32	-9.31	152.00	5004.00	7646.00	0.00	ACUITIAS
500390.00	6764996.00	174.28	979222.54	11.05	-5.02	-6.48	-8.45	152.00	5004.00	7650.00	0.00	ACUITIAS
500408.00	6765413.00	169.51	979223.17	11.59	-4.62	-5.99	-7.91	155.00	5004.00	7654.00	0.00	ACUITIAS
500405.00	6765801.00	171.15	979224.57	12.67	-3.10	-4.54	-6.47	155.00	5004.00	7658.00	0.00	ACUITIAS
500399.00	6766216.00	171.99	979224.93	13.58	-2.27	-3.71	-5.66	155.00	5004.00	7662.00	0.00	ACUITIAS
500401.00	6766600.00	174.43	979224.76	14.43	-1.65	-3.11	-5.08	155.00	5004.00	7666.00	0.00	ACUITIAS
500404.00	6767005.00	169.62	979226.05	14.52	-1.11	-2.53	-4.45	155.00	5004.00	7670.00	0.00	ACUITIAS
500411.00	6767400.00	168.59	979226.30	14.72	-0.82	-2.23	-4.14	155.00	5004.00	7674.00	0.00	ACUITIAS
500407.00	6767814.00	173.18	979225.31	15.44	-0.52	-1.97	-3.93	155.00	5004.00	7678.00	0.00	ACUITIAS
500395.00	6768201.00	169.06	979226.39	15.60	-0.01	-1.43	-3.34	155.00	5004.00	7682.00	0.00	ACUITIAS
500404.00	6768612.00	167.12	979227.23	16.04	0.63	-0.77	-2.66	155.00	5004.00	7686.00	0.00	ACUITIAS
500401.00	6769012.00	168.05	979227.13	16.50	1.01	-0.40	-2.30	155.00	5004.00	7690.00	0.00	ACUITIAS
500403.00	6769410.00	166.83	979227.16	16.43	1.06	-0.34	-2.23	155.00	5004.00	7694.00	0.00	ACUITIAS
500399.00	6769794.00	166.34	979227.05	16.44	1.11	-0.29	-2.17	155.00	5004.00	7698.00	0.00	ACUITIAS
500404.00	6770200.00	170.95	979225.88	16.98	1.22	-0.21	-2.15	155.00	5004.00	7702.00	0.00	ACUITIAS
500401.00	6770600.00	170.92	979226.84	17.20	1.45	0.02	-1.91	155.00	5004.00	7706.00	0.00	ACUITIAS
500388.00	6771004.00	168.74	979226.33	17.31	1.75	0.34	-1.57	155.00	5004.00	7710.00	0.00	ACUITIAS
500409.00	6771407.00	169.07	979226.32	17.68	2.09	0.68	-1.24	155.00	5004.00	7714.00	0.00	ACUITIAS
500405.00	6771809.00	169.50	979226.18	17.95	2.32	0.90	-1.01	155.00	5004.00	7718.00	0.00	ACUITIAS
500404.00	6772201.00	168.33	979226.63	18.31	2.79	1.38	-0.52	155.00	5004.00	7722.00	0.00	ACUITIAS
500407.00	6772612.00	174.98	979225.18	19.19	3.06	1.60	-0.38	155.00	5004.00	7726.00	0.00	ACUITIAS
500394.00	6772991.00	170.09	979226.28	19.05	3.37	1.94	0.02	155.00	5004.00	7730.00	0.00	ACUITIAS
500391.00	6773404.00	168.49	979226.56	19.11	3.58	2.17	0.26	155.00	5004.00	7734.00	0.00	ACUITIAS
500397.00	6773800.00	172.09	979225.58	19.52	3.66	2.22	0.27	155.00	5004.00	7738.00	0.00	ACUITIAS
500406.00	6774196.00	166.21	979226.71	19.11	3.79	2.40	0.52	155.00	5004.00	7742.00	0.00	ACUITIAS
500396.00	6774597.00	167.54	979226.26	19.35	3.91	2.51	0.61	155.00	5004.00	7746.00	0.00	ACUITIAS
500384.00	6774985.00	163.40	979226.99	19.07	4.01	2.64	0.80	155.00	5004.00	7750.00	0.00	ACUITIAS
500407.00	6775431.00	164.59	979226.52	19.29	4.11	2.74	0.87	155.00	5004.00	7754.00	0.00	ACUITIAS
500396.00	6775790.00	163.65	979226.57	19.29	4.21	2.84	0.99	155.00	5004.00	7758.00	0.00	ACUITIAS
500408.00	6776202.00	161.17	979226.86	19.28	4.37	3.02	1.19	155.00	5004.00	7762.00	0.00	ACUITIAS
500395.00	6776592.00	159.37	979227.06	19.02	4.33	2.99	1.19	155.00	5004.00	7766.00	0.00	ACUITIAS
500399.00	6776999.00	162.93	979225.77	19.11	4.09	2.72	0.88	155.00	5004.00	7770.00	0.00	ACUITIAS
500402.00	6777392.00	158.29	979226.42	18.60	4.01	2.68	0.89	155.00	5004.00	7774.00	0.00	ACUITIAS
500390.00	6777799.00	157.58	979226.35	18.59	4.06	2.74	0.96	155.00	5004.00	7778.00	0.00	ACUITIAS
500392.00	6778205.00	158.96	979225.87	18.81	4.16	2.83	1.03	155.00	5004.00	7782.00	0.00	ACUITIAS
500408.00	6778599.00	159.03	979225.45	18.70	4.04	2.71	0.91	155.00	5004.00	7786.00	0.00	ACUITIAS
501193.00	6763190.00	165.54	979222.48	7.04	-8.22	-9.61	-11.48	152.00	5012.00	7632.00	0.00	ACUITIAS
501199.00	6763610.00	168.28	979222.57	8.27	-7.24	-8.65	-10.56	152.00	5012.00	7636.00	0.00	ACUITIAS
501201.00	6764000.00	172.55	979222.12	9.41	-6.50	-7.94	-9.90	152.00	5012.00	7640.00	0.00	ACUITIAS
501203.00	6764402.00	169.15	979223.59	10.10	-5.49	-6.91	-8.82	152.00	5012.00	7644.00	0.00	ACUITIAS
501183.00	6764795.00	170.53	979223.88	11.10	-4.62	-6.05	-7.98	152.00	5012.00	7648.00	0.00	ACUITIAS
501205.00	6765208.00	168.34	979224.96	11.78	-3.73	-5.15	-7.05	152.00	5012.00	7652.00	0.00	ACUITIAS
501191.00	6765606.00	163.32	979225.34	11.16	-13.54	-15.31	-17.17	152.00	5020.00	7600.00	0.00	ACUITIAS
501996.00	6760421.00	164.23	979218.79	1.02	-14.12	-15.49	-17.35	152.00	5020.00	7604.00	0.00	ACUITIAS
502000.00	6760811.00	165.29	979218.72	1.55	-13.69	-15.07	-16.94	152.00	5020.00	7608.00	0.00	ACUITIAS
501993.00	6761213.00	162.64

501998.00	6778009.00	154.19	979231.03	22.37	8.16	6.86	5.12	355.00	5020.00	7780.00	0.00	ACUITIAS
501998.00	6778401.00	156.57	979232.52	24.86	10.43	9.12	7.35	355.00	5020.00	7784.00	0.00	ACUITIAS
502800.00	6759010.00	160.72	979223.54	3.70	-11.11	-12.46	-14.28	140.00	5028.00	7590.00	0.00	ACUITIAS
502797.00	6762004.00	157.47	979225.86	7.10	-7.41	-8.73	-10.51	152.00	5028.00	7620.00	0.00	ACUITIAS
502812.00	6762415.00	158.78	979226.59	8.52	-6.11	-7.44	-9.24	355.00	5028.00	7624.00	0.00	ACUITIAS
502804.00	6762806.00	161.46	979226.12	9.15	-5.73	-7.08	-8.91	355.00	5028.00	7628.00	0.00	ACUITIAS
502798.00	6763202.00	164.65	979226.75	11.04	-4.14	-5.52	-7.38	355.00	5028.00	7632.00	0.00	ACUITIAS
502799.00	6763599.00	160.86	979228.45	11.85	-2.98	-4.33	-6.15	355.00	5028.00	7636.00	0.00	ACUITIAS
502800.00	6764004.00	161.63	979228.35	12.26	-2.63	-3.99	-5.82	355.00	5028.00	7640.00	0.00	ACUITIAS
502797.00	6764411.00	162.11	979229.27	13.61	-1.33	-2.69	-4.52	355.00	5028.00	7644.00	0.00	ACUITIAS
502799.00	6764812.00	161.26	979230.39	14.75	-0.11	-1.46	-3.29	355.00	5028.00	7648.00	0.00	ACUITIAS
502798.00	6765203.00	160.91	979230.05	14.57	-0.26	-1.61	-3.43	355.00	5028.00	7652.00	0.00	ACUITIAS
502799.00	6765606.00	159.55	979231.45	15.83	1.13	-0.21	-2.02	355.00	5028.00	7656.00	0.00	ACUITIAS
502803.00	6766005.00	160.34	979232.43	17.34	2.56	1.22	-0.59	355.00	5028.00	7660.00	0.00	ACUITIAS
502799.00	6766411.00	157.77	979233.22	17.62	3.08	1.76	-0.03	355.00	5028.00	7664.00	0.00	ACUITIAS
502797.00	6766816.00	157.57	979233.47	18.09	3.57	2.25	0.46	355.00	5028.00	7668.00	0.00	ACUITIAS
502797.00	6767205.00	155.88	979234.28	18.65	4.28	2.97	1.21	355.00	5028.00	7672.00	0.00	ACUITIAS
502799.00	6767605.00	160.31	979233.80	19.81	5.04	3.69	1.88	355.00	5028.00	7676.00	0.00	ACUITIAS
502794.00	6768007.00	165.67	979232.84	20.78	5.51	4.13	2.25	355.00	5028.00	7680.00	0.00	ACUITIAS
502803.00	6768410.00	178.34	979229.98	22.11	5.67	4.18	2.16	355.00	5028.00	7684.00	0.00	ACUITIAS
502803.00	6768805.00	163.87	979233.59	21.53	6.43	5.05	3.20	355.00	5028.00	7688.00	0.00	ACUITIAS
502793.00	6769212.00	163.11	979233.68	21.67	6.63	5.26	3.42	355.00	5028.00	7692.00	0.00	ACUITIAS
502798.00	6769604.00	158.56	979233.91	20.77	6.16	4.83	3.04	355.00	5028.00	7696.00	0.00	ACUITIAS
502796.00	6769999.00	156.35	979233.59	20.04	5.63	4.32	2.55	355.00	5028.00	7700.00	0.00	ACUITIAS
502796.00	6770397.00	155.74	979232.38	18.92	4.57	3.26	1.50	355.00	5028.00	7704.00	0.00	ACUITIAS
502801.00	6770807.00	156.06	979232.43	19.35	4.97	3.66	1.89	355.00	5028.00	7708.00	0.00	ACUITIAS
502805.00	6771204.00	157.22	979234.31	21.87	7.38	6.06	4.28	454.00	5028.00	7712.00	0.00	ACUITIAS
502804.00	6771604.00	158.15	979234.94	23.06	8.48	7.15	5.36	454.00	5028.00	7716.00	0.00	ACUITIAS
502798.00	6772013.00	159.24	979235.14	23.88	9.21	7.87	6.07	454.00	5028.00	7720.00	0.00	ACUITIAS
502805.00	6772414.00	162.55	979234.56	24.60	9.62	8.26	6.42	454.00	5028.00	7724.00	0.00	ACUITIAS
502805.00	6772810.00	157.79	979236.55	25.40	10.86	9.53	7.75	454.00	5028.00	7728.00	0.00	ACUITIAS
502803.00	6773210.00	156.00	979235.83	24.40	10.02	8.71	6.95	454.00	5028.00	7732.00	0.00	ACUITIAS
502816.00	6773601.00	154.94	979237.30	25.82	11.53	10.24	8.48	454.00	5028.00	7736.00	0.00	ACUITIAS
502800.00	6774002.00	158.66	979237.01	26.95	12.33	11.00	9.20	454.00	5028.00	7740.00	0.00	ACUITIAS
502812.00	6774406.00	159.01	979237.72	28.05	13.39	12.06	10.26	454.00	5028.00	7744.00	0.00	ACUITIAS
502805.00	6774812.00	155.75	979238.49	28.10	13.74	12.44	10.68	454.00	5028.00	7748.00	0.00	ACUITIAS
502784.00	6775197.00	153.93	979238.78	28.09	13.91	12.62	10.88	454.00	5028.00	7752.00	0.00	ACUITIAS
503603.00	6759608.00	157.15	979222.10	1.58	-12.91	-14.23	-16.00	152.00	5036.00	7596.00	0.00	ACUITIAS
503605.00	6759916.00	159.34	979221.03	1.36	-13.30	-14.63	-16.43	152.00	5036.00	7600.00	0.00	ACUITIAS
503595.00	6760405.00	156.08	979221.60	1.30	-13.08	-14.39	-16.16	152.00	5036.00	7604.00	0.00	ACUITIAS
503595.00	6760801.00	155.16	979222.43	2.12	-12.18	-13.48	-15.24	152.00	5036.00	7608.00	0.00	ACUITIAS
503593.00	6761207.00	159.20	979222.80	4.02	-10.65	-11.99	-13.79	152.00	5036.00	7612.00	0.00	ACUITIAS
503600.00	6769212.00	158.60	979235.01	21.61	6.99	5.66	3.87	253.00	5036.00	7692.00	0.00	ACUITIAS
503608.00	6769623.00	157.46	979234.82	21.35	6.83	5.52	3.73	253.00	5036.00	7696.00	0.00	ACUITIAS
503606.00	6770011.00	159.87	979233.49	21.04	6.30	4.96	3.15	253.00	5036.00	7700.00	0.00	ACUITIAS
503601.00	6770412.00	156.78	979233.47	20.34	5.89	4.58	2.80	253.00	5036.00	7704.00	0.00	ACUITIAS
503615.00	6770813.00	153.66	979234.34	20.52	6.36	5.07	3.33	253.00	5036.00	7708.00	0.00	ACUITIAS
503596.00	6771206.00	154.26	979235.27	21.91	7.69	6.40	4.66	253.00	5036.00	7712.00	0.00	ACUITIAS
503592.00	6771613.00	155.69	979237.29	24.65	10.30	9.00	7.24	253.00	5036.00	7716.00	0.00	ACUITIAS
503594.00	6772006.00	157.53	979238.73	26.93	12.41	11.09	9.31	253.00	5036.00	7720.00	0.00	ACUITIAS
503586.00	6772409.00	155.57	979240.06	27.95	13.61	12.30	10.54	253.00	5036.00	7724.00	0.00	ACUITIAS
503605.00	6772819.00	160.44	979237.78	27.45	12.66	11.31	9.50	253.00	5036.00	7728.00	0.00	ACUITIAS
503597.00	6773196.00	158.61	979238.67	28.04	13.42	12.09	10.29	253.00	5036.00	7732.00	0.00	ACUITIAS
503578.00	6773596.00	153.16	979240.14	28.10	13.98	12.70	10.97	253.00	5036.00	7736.00	0.00	ACUITIAS
503584.00	6773991.00	151.76	979241.21	29.02	15.03	13.76	12.04	253.00	5036.00	7740.00	0.00	ACUITIAS
503594.00	6774425.00	152.05	979241.90	30.09	16.08	14.80	13.08	253.00	5036.00	7744.00	0.00	ACUITIAS
503586.00	6774809.00	155.08	979241.01	30.40	16.11	14.81	13.05	253.00	5036.00	7748.00	0.00	ACUITIAS
503596.00	6775230.00	157.48	979240.21	30.63	16.12	14.80	13.02	253.00	5036.00	7752.00	0.00	ACUITIAS
503600.00	6775605.00	152.02	979240.88	29.88	15.07	13.75	12.07	253.00	5036.00	7756.00	0.00	ACUITIAS
503599.00	6776019.00	155.10	979239.17	29.41	15.12	13.82	12.06	253.00	5036.00	7760.00	0.00	ACUITIAS
503597.00	6776419.00	152.80	979238.03	27.84	13.75	12.47	10.74	253.00	5036.00	7764.00	0.00	ACUITIAS
503593.00	6776816.00	152.03	979236.50	26.34	12.33	11.05	9.33	253.00	5036.00	7768.00	0.00	ACUITIAS
503594.00	6777210.00	149.99	979236.76	26.25	12.43	11.17	9.48	253.00	5036.00	7772.00	0.00	ACUITIAS
503585.00	6777604.00	149.40	979234.34	23.92	10.15	8.90	7.21	253.00	5036.00	7776.00	0.00	ACUITIAS
504397.00	6761396.00	154.09	979225.41	5.19	-9.02	-10.31	-12.05	355.00	5044.00	7614.00	0.00	ACUITIAS
504408.00	6761807.00	153.31	979227.45	7.27	-6.86	-8.14	-9.88	355.00	5044.00	7618.00	0.00	ACUITIAS
504413.00	6762203.00	155.24	979227.63	8.32	-5.99	-7.29	-9.04	355.00	5044.00	7622.00	0.00	ACUITIAS
504403.00	6762604.00	157.51	979227.88	9.55	-4.97	-6.29	-8.07	355.00	5044.00	7626.00	0.00	ACUITIAS
504408.00	6763006.00	157.64	979228.14	10.13	-4.40	-5.72	-7.50	355.00	5044.00	7630.00	0.00	ACUITIAS
504402.00	6763405.00	156.12	979228.78	10.58	-3.81	-5.12	-6.88	355.00	5044.00	7634.00	0.00	ACUITIAS
504411.00	6763797.00	153.15	979229.84	11.00	-3.12	-4.40	-6.14	355.00	5044.00	7638.00	0.00	ACUITIAS
504409.00	6764208.00	160.68	979228.81	12.57	-2.24	-3.58	-5.40	355.00	5044.00	7642.00	0.00	ACUITIAS
504407.00	6764598.00	159.09	979229.93	13.47	-1.19	-2.52	-4.32	355.00	5044.00	7646.00	0.00	ACUITIAS
504405.00	6765000.00	154.40	979231.60	13.98	-0.26	-1.55	-3.30	355.00	5044.00	7650.00	0.00	ACUITIAS
504398.00	6765395.00	154.59	979232.24	14.95	0.70	-0.60	-2.34	355.00	5044.00	7654.00	0.00	ACUITIAS
504393.00	6769410.00	156.18	979235.15	21.14	6.74	5.43	3.66	354.00	5044.00	7694.00	0.00	ACUITIAS
504397.00	6769810.00	154.51	979236.04	21.79	7.55	6.25	4.50	354.00	5044.00	7698.00	0.00	ACUITIAS
504400.00	6770212.00	156.21	979234.70	21.26	6.86	5.55	3.79	354.00	5044.00	7702.00	0.00	ACUITIAS
504396.00	6770602.00	154.37	979235.40	21.66	7.43	6.14	4.39	354.00	5044.00	7706.00	0.00	ACUITIAS
504397.00	6771003.00	152.26	979237.32	23.21	9.18	7.90	6.18	354.00	5044.00	7710.00	0.00	ACUITIAS
504398.00	6771404.00	152.15	979239.77	25.90	11.88	10.60	8.88	354.00	5044.00	7714.00	0.00	ACUITIAS
504389.00	6771810.00	154.25	979241.28	28.34	14.13	12.83	11.09	354.00	5044.00	7718.00	0.00	ACUITIAS
504397.00	6772194.00	154.62	979242.49	29.93	15.68	14.39	12.64	354.00	5044.00	7722.00	0.00	ACUITIAS
504399.00	6772602.00	152.89	979244.40	31.59	17.50	16.22	14.49	354.00	5044.00	7726.00	0.00	ACUITIAS
504394.00	6773004.00	153.87	979244.20	31.98	17.79	16.50	14.76	354.00	5044.00	7730.00	0.00	ACUITIAS
504393.00	6773402.00	154.32	979244.12	32.30	18.08	16.78	15.04	354.00	5044.00	7734.00	0.00	ACUITIAS
504399.00	6773800.00	150.31	979246.75	33.97	20.12	18.86	17.16	354.00	5044.00	7738.00	0.00	ACUITIAS
504398.00	6774197.00	148.53	979247.89	34.84	21.15	19.90	18.22	354.00	5044.00	7742.00	0.00	ACUITIAS
504401.00	6774601.00	149.79	979247.30	34.92	21.11	19.85	18.16	354.00	5044.00	7746.00	0.00	ACUITIAS
504398.00	6775002.00	153.05	979245.98	34.88	20.77	19.49	17.76	354.00	5044.00	7750.00	0.00	ACUITIAS
504404.00	6775404.00	154.16	979244.86	34.38	20.17	18.88	17.14	354.00	5044.00	7754.00	0.00	ACUITIAS
504402.00	6775804.00	150.51	979243.84	32.52	18.64	17.38	15.68	354.00	5044.00	7758.00	0.00	ACUITIAS
504400.00	6776200.00	152.94	979240.70	30.40	16.30	15.02	13.29	354.00	5044.00	7762.00	0.00	ACUITIAS
504401.00	6776604.00	151.27	979238.56	28.03	14.08	12.82	11.10	354.00	5044.00	7766.00	0.00	ACUITIAS
504397.00	6777002.00	147.89	979237.24	25.94	12.31	11.07	9.40	354.00	5044.00	7770.00	0.00	ACUITIAS
504401.00	6777404.00	147.78	979236.27	25.22	11.60	10.36	8.69	354.00	5044.00	7774.00	0.00	ACUITIAS
505190.00	6759408.00	151.31	979224.09	1.62	-12.32	-13.59	-15.30	152.00	5052.00	7594.00	0.00	ACUITIAS
505197.00	6759813.00	152.66	979223.75	1.98	-12.09	-13.37	-15.10	152.00	5052.00	7598.00	0.00	ACUITIAS
505194.00	6760210.00	150.88	979224.32	2.28	-11.63	-12.89	-14.60	152.00	5052.00	7602.00	0.00	ACUITIAS
505196.00	6760604.00	152.00	979224.50	3.08	-10.93	-12.21	-13.93	152.00	5052.00	7606.00	0.00	ACUITIAS
504398.00	6765396.00	154.62	979232.13	14.85	0.60	-0.70	-2.45	354.00	5052.00	7654.00	0.00	ACUITIAS
504397.00	6765790.00	154.82	979233.13	16.18	1.91	0.61	-1.14	354.00	5052.00	7658.00	0.00	ACUITIAS
504394.00	6766206.00	153.22	979234.95	17.81	3.68	2.40	0.67	354.00	5052.00	7662.00	0.00	ACUITIAS
504397.00	6766594.00	156.56	979234.27	18.42	3.99	2.68	0.91	354.00	5052.00	7666.00	0.00	ACUITIAS
504402.00	6767008.00	163.46	979233.15	19.72	4.65	3.28	1.43	354.00	5052.00	7670.00	0.00	ACUITIAS
504397.00	6767401.00	171.94	979231.55	21.01	5.16	3.72	1.77	354.00	5052.00	7674.00	0.00	ACUITIAS
504404.00	6767801.00	164.82	979234.09	21.63	6.44	5.05	3.19	354.00	5052.00	7678.00	0.00	ACUITIAS
504398.00	6768202.00	165.74	979233.36	21.46	6.18	4.79	2.92	354.00	5052.00	7682.00	0.00	ACUITIAS
504400.00	6768609.00	158.13	979235.06	21.09	6.52	5.19	3.40	354.00	5052.00	7686.00	0.00	ACUITIAS
504400.00	6768998.00	157.84	979235.07	21.28	6.73	5.41	3.63	354.00	5052.00	7690.00	0.00	ACUITIAS
505213.00	6769405.00	154.94	979234.23	19.83	5.55	4.25	2.50	354.00	5052.00	7694.00	0.00	ACUITIAS
505205.00	6769800.00	153.63	979235.12	20.59	6.43	5.14	3.40	253.00	5052.00	7698.00	0.00	ACUITIAS
505202.00	6770204.00	150.44	979237.03	21.80	7.93	6.67	4.97	253.00	5052.00	7702.00	0.00	ACUITIAS
505196.00	6770585.00	150.81	979239.14	24.29	10.39	9.13	7.42	253.00	5052.00	7706.00	0.00	ACUITIAS
505190.00	6770999.00	150.96	979240.85	26.33	12.42	11.15	9.44	454.00	5052.00	7710.00	0.00	ACUITIAS
505213.00	6771416.00	150.69	979242.74	28.43	14.54	13.28	11.57	253.00	5052.00	7714.00	0.00	ACUITIAS
505200.00	6771810.00	151.31	979244.63	30.78	16.83	15.56	13.85	253.00	5052.00	7718.00	0.00	ACUITIAS
505210.00	6772208.00	152.16	979247.00	33.69	19.67	18.39	16.67	253.00	5052.00	7722.00	0.00	ACUITIAS
505202.00	6772599.00	149.90	979248.43	34.69	20.88	19.62	17.92	253.00	5052.00	7726.00	0.00	ACUITIAS
505201.00	6773027.00	149.18	979248.37	34.71	20.96	19.71	18.02	253.00	5052.00	7730.00	0.00	ACUITIAS
505193.00	6773403.00	149.43	979248.29	34.96	21.19	19.94	18.25	253.00	5052.00	7734.00	0.00	ACUITIAS
505208.00	6773816.00	150.79	979248.46	35.84	21.94	20.68	18.97	454.00	5052.00	7738.00	0.00	ACUITIAS
505195.00	6774196.00	152.86	979247.81	36.10	22.01	20.73	19.00	355.00	5052.00	7742.00	0.00	ACUITIAS
505207.00	6774617.00	147.70	979248.92	35.90	22.29	21.05	19.38	355.00	5052.00	7746.00	0.00	ACUITIAS
505206.00	6774993.00	148.49	979248.73	36.22	22.53	21.29	19.61	355.00	5052.00	7750.00	0.00	ACUITIAS
505201.00	6775412.00	150.47	979247.73	36.12	22.25	20.99	19.29	355.00	5052.00	7754.00	0.00	ACUITIAS
505209.00	6775796.00	148.78	979245.88	34.01	20.30	19.05	17.37	355.00	5052.00	7758.00	0.00	ACUITIAS
505213.00	6776205.00	150.65	979242.39	31.39	17.50	16.24	14.53	355.00	5052.00	7762.00	0.00	ACUITIAS
505201.00	6776600.00	148.97	979240.58	29.33	15.60	14.35	12.67	355.00	5052.00	7766.00	0.00	ACUITIAS
505199.00	6776999.00	146.41	979239.83	28.07	14.57	13.35	11.69	355.00	5052.00	7770.00	0.00	ACUITIAS
505222.00	6777399.00	145.83	979238.81	27.15	13.70	12.48	10.83	355.00	5052.00	7774.00	0.00	ACUITIAS
505198.00	6777806.00	155.29	979225.18	5.06	-9.25	-10.55	-12.31	152.00	5060.00	7616.00	0.00	ACUITIAS
505991.00	6761404.00	153.19	979226.66	6.17	-7.95	-9.24	-10.97	252.00	5060.00	7614.00	0.00	ACUITIAS
505998.00	6761800.00	151.46	979227.97	7.22	-6.74	-8.01	-9.72	252.00	5060.00	7618.00	0.00	ACUITIAS
506000.00	6762196.00	150.62	979228.98	8.25	-5.64	-6.90	-8.60	252.00	5060.00	7622.00	0.00	ACUITIAS
505993.00	6762601.00	148.92	979229.30	8.31	-5.41	-6.66	-8.34	252.00	5060.00	7626.00	0.00	ACUITIAS
505996.00	6763005.00	150.41	979229.18	8.94	-4.93	-6.19	-7.89	252.00	5060.00	7630.00	0.00	ACUITIAS
506000.00	6763402.00	149.89	979229.73	9.60	-4.21	-5.47	-7.16	252.00	5060.00	7634.00	0.00	ACUITIAS
505998.00	6763815.00	150.10	979229.66	9.89	-3.95	-5.21	-6.90	252.00	5060.00	7638.00	0.00	ACUITIAS
506003.00	6764206.00	148.95	979230.36	10.50	-3.22	-4.47	-6.16	252.00	5060.00	7642.00	0.00	ACUITIAS
505990.00	6764597.00	148.85	979230.80	11.19	-2.53	-3.78	-5.46	252.00	5060.00	7646.00	0.00	ACUITIAS
506007.00	6765006.00	149.24	979231.58	12.37	-1.38	-2.63	-4.32	252.00	5060.00	7650.00	0.00	ACUITIAS
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505988.00	6766216.00	150.44	979234.78	16.78	2.91	1.65	-0.05	252.00	5060.00	7662.00	0.00	ACUITIAS
506000.00	6766601.00	150.27	979234.61	17.83	3.98	2.72	1.02	252.00	5060.00	7666.00	0.00	ACUITIAS
505990.00	6767010.00	153.83	979234.93	18.53	4.35	3.06	1.32	252.00	5060.00	7670.00	0.00	ACUITIAS
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506000.00	6767815.00	153.71	979235.36	19.48	5.32	4.03	2.29	252.00	5060.00	7678.00	0.00	ACUITIAS
505991.00	6768197.00	152.50	979234.71	18.72	4.66	3.38	1.66	252.00	5060.00	7682.00	0.00	ACUITIAS
505999.00	6768604.00	151.56	979234.12	18.12	4.15	2.88	1.17	252.00	5060.00	7686.00	0.00	ACUITIAS
505991.00	6769015.00	153.37	979234.38	18.41	4.22	2.93	1.19	252.00	5060.00	7690.00	0.00	ACUITIAS
505989.00	6769414.00	152.57	979234.17	19.05	4.99	3.71	1.99	252.00	5060.00	7694.00	0.00	ACUITIAS
505990.00	6769802.00	150.96	979235.05	19.70	5.78	4.52	2.81	252.00	5060.00	7698.00	0.00	ACUITIAS
505989.00	6770215.00	149.30	979237.63	22.05	8.29	7.04	5.35	252.00	5060.00	7702.00	0.00	ACUITIAS
505987.00	6770608.00	149.30	979240.91	25.61	11.85	10.60	8.91	252.00	5060.00	7706.00	0.00	ACUITIAS
505997.00	6771015.00	148.85	979244.18	29.02	15.30	14.05	12.37	253.00	5060.00	7710.00	0.00	ACUITIAS
506003.00	6771407.00	148.72	979245.29	30.37	16.66	15.41	13.73	252.00	5060.00	7714.00	0.00	ACUITIAS
505992.00	6771802.00	150.12	979244.92	32.70	18.65	17.60	15.90	252.00	5060.00	7718.00	0.00	ACUITIAS
505996.00	6772227.00	150.59	979248.86	35.08	21.20	19.94	18.23	252.00	5060.00	7722.00	0.00	ACUITIAS
505990.00	6772613.00	149.73	979249.50	35.72	21.92	20.67	18.97	252.00	5060.00	7726.00	0.00	ACUITIAS
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505987.00	6773406.00	147.81	979250.08	36.26	22.64	21.40	19.73	252.00	5060.00	7734.00	0.00	ACUITIAS
505985.00	6773804.00	150.51	979249.50	36.78	22.91	21.65	19.95	252.00	5060.00	7738.00	0.00	ACUITIAS
505995.00	6774211.00	151.85	979248.17	36.15	22.16	20.88	19.17	252.00	5060.00	7742.00	0.00	ACUITIAS
505988.00	6774607.00	147.59	979248.54	35.49	21.88	20.64	18.98	252.00	5060.00	7746.00	0.00	ACUITIAS
505988.00	6775002.00	148.66	979247.76	35.31	21.61	20.36	18.68	252.00	5060.00	7750.00	0.00	ACUITIAS
505992.00	6775403.00	150.66	979246.45	34.89	21.00	19.74	18.04	252.00	5060.00	7754.00	0.00	ACUITIAS
505995.00	6775817.00	149.03	979245.04	33.27	19.53	18.28	16.60	252.00	5060.00	7758.00	0.00	ACUITIAS
506002.00	6776208.00	147.44	979242.71	30.72	17.13	15.90	14.23	252.00	5060.00	7762.00	0.00	ACUITIAS
505986.00	6776601.00	148.02	979240.45	28.91	15.27	14.03	12.36	252.00	5060.00	7766.00	0.00	ACUITIAS
505996.00	6777018.00	146.89	979239.65	28.05	14.51	13.28	11.61	252.00	5060.00	7770.00	0.00	ACUITIAS

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SMARTem V TEM data file - created Sun Sep 01 08:18:12 2002 ** GAINS MERGED**
LINE:471200   DATATYPE:TEM  INSTRUMENT:SMARTem  UNITS:(uV/A)  CONFIG:COINCIDENT  INITDELAY:0.240  TRANSMITTER:GGT-10  LSIDE:200
STN LOOP RDNG ADC C NADC TIME OPERATOR FREQ CURR SAMP_RATE GAIN NSTACKS DIR FLAGS SFTHRES RAMP DELAY NOISE NCH CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 COMMENT
/TIMESMART(ms)=0.99,0.11,0.13,0.17,0.21,0.26,0.32,0.40,0.49,0.61,0.76,0.94,1.17,1.46,1.81,2.24,2.79,3.46,4.29,5.33,6.62,8.22,10.20,12.66,15.72,19.52,24.23,30.08,37.35
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6769700 1 359 1 Z 1 20901O8.21 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200110100 20.0 0.24 0.01 3.260607e-01 29 2.4751e+04 2.3058e+04 2.1492e+04 2.0043e+04 1.8884e+04 1.5772e+04 1.3790e+04 1.1370e+04 9.4041e+03 7.1770e+03 5.4170e+03 3.7412e+03 2.5426e+03 1.6483e+03 1.0069e+03 5.8396e+02 3.2739e+02 1.7818e+02 9.4100e+01 4.8170e+01 2.4548e+01 1.2660e+01 6.9479e+00 3.9858e+00 2.6833e+00 1.7390e+00 1.2315e+00 9.8636e-01 5.0820e-01 MERGED
6769900 1 361 1 Z 1 20901O8.47 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200110100 20.0 0.24 0.01 1.935770e-01 29 7.9193e+04 7.3664e+04 6.4388e+04 5.5188e+04 5.0248e+04 4.2162e+04 3.4232e+04 2.7966e+04 2.1288e+04 1.5280e+04 1.0486e+04 7.2085e+03 4.4705e+03 2.8021e+03 1.5973e+03 8.8786e+02 4.6650e+02 2.3501e+02 1.1431e+02 5.4001e+01 2.4951e+01 1.1775e+01 5.5052e+00 2.6569e+00 1.5345e+00 8.9857e-01 6.5777e-01 3.4227e-01 1.1876e-01 MERGED
6770100 1 363 1 Z 1 20901O9.08 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200110100 20.0 0.24 0.01 3.125373e-01 29 6.7766e+04 6.4412e+04 5.8734e+04 5.2636e+04 4.9032e+04 4.2438e+04 3.5162e+04 2.8987e+04 2.2095e+04 1.5714e+04 1.0582e+04 7.1007e+03 4.2515e+03 2.5733e+03 1.4113e+03 7.5983e+02 3.9101e+02 1.9557e+02 9.6070e+01 4.6729e+01 2.2533e+01 1.0491e+01 4.5948e+00 1.6394e+00 2.6975e-01 -2.5729e-01 -2.5559e-01 -1.9498e-01 -4.5823e-01 MERGED
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6770700 1 371 1 Z 1 20901O9.11 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200110100 20.0 0.24 0.01 2.908459e-01 29 5.8802e+04 5.6216e+04 5.1973e+04 4.7998e+04 4.5874e+04 4.2136e+04 3.7683e+04 3.3378e+04 2.7854e+04 2.1884e+04 1.6301e+04 1.1967e+04 7.9418e+03 5.2553e+03 3.1756e+03 1.8701e+03 1.0423e+03 5.5317e+02 2.7693e+02 1.3065e+02 5.7992e+01 2.4289e+01 9.7463e+00 3.7682e+00 1.5130e+00 3.5285e-01 6.3510e-02 1.4878e-01 3.2925e-01 MERGED
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6771100 1 393 1 Z 1 20901O12.37 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200110100 20.0 0.24 0.01 3.284635e-01 29 6.2119e+04 5.7474e+04 5.0079e+04 4.3870e+04 4.0819e+04 3.5922e+04 3.0717e+04 2.6156e+04 2.0803e+04 1.5538e+04 1.1016e+04 7.7276e+03 4.8605e+03 3.0695e+03 1.7524e+03 9.7298e+02 5.1043e+02 2.5647e+02 1.2448e+02 5.8596e+01 2.7131e+01 1.3114e+01 6.3307e+00 3.2715e+00 1.9083e+00 1.0202e+00 2.6149e-01 -2.5746e-01 -1.1283e-02 MERGED
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6772101 1 406 1 Z 1 20901O14.18 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200110100 20.0 0.24 0.01 3.163896e-01 29 5.3158e+04 4.8600e+04 4.1638e+04 3.4258e+04 3.0366e+04 2.4483e+04 1.9612e+04 1.5998e+04 1.2704e+04 1.0035e+04 7.8124e+03 6.0553e+03 4.5196e+03 3.2702e+03 2.2706e+03 1.5081e+03 9.8002e+02 5.8154e+02 3.3157e+02 1.8429e+02 9.5499e+01 4.5836e+01 2.1194e+01 9.1194e+00 3.6983e+00 1.6938e+00 5.3239e-01 1.1194e-01 -4.3239e-02 MERGED
6772300 1 408 1 Z 1 20901O14.38 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200110100 20.0 0.24 0.01 3.118977e-01 29 6.9382e+04 6.3737e+04 5.4259e+04 4.5270e+04 4.0802e+04 3.4134e+04 2.8006e+04 2.3180e+04 1.7920e+04 1.3058e+04 9.0822e+03 6.3047e+03 3.9579e+03 2.5208e+03 1.4798e+03 8.6146e+02 4.8636e+02 2.6998e+02 1.4807e+02 7.9726e+01 4.2491e+01 2.2420e+01 1.1671e+01 6.0048e+00 3.0708e+00 1.6262e+00 8.3495e-01 4.9425e-01 4.1083e-01 MERGED
6772500 1 410 1 Z 1 20901O14.51 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200110100 20.0 0.24 0.01 3.628817e-01 29 7.3436e+04 6.6745e+04 5.5631e+04 4.5326e+04 4.0220e+04 3.2626e+04 2.5888e+04 2.0884e+04 1.5766e+04 1.1310e+04 7.8158e+03 5.4225e+03 3.4091e+03 2.1666e+03 1.2576e+03 7.1548e+02 3.8918e+02 2.0671e+02 1.0835e+02 5.6731e+01 2.9760e+01 1.5781e+01 8.2138e+00 4.1118e+00 2.0904e+00 9.2648e-01 3.6409e-01 1.5073e-01 3.0302e-02 MERGED
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SMARTem V YEM data file - created Mon Sep 09 09:00:54 2002 ** GAINS MERGED**
LINE:474100  DATATYPE:TEM  INSTRUMENT:SMARTem  UNITS:(uV/A)  CONFIGURATION:CONCIDENT  INITDELAY:0.240  TRANSMITTER:GGT-10  LSIDE:200
STN LOOP RDNG ADC C NADC TIME OPERATOR FREQ CURR SAMP_RATE GAIN NSTACKS DIR FLAGS SFTHRES RAMP DELAY NOISE NCH CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 COMMENT
/TIMESTART(ms)=0.09,0.11,0.13,0.17,0.21,0.26,0.32,0.40,0.49,0.61,0.76,0.94,1.17,1.46,1.81,2.24,2.79,3.46,4.29,5.33,6.62,8.22,10.20,12.66,15.72,19.52,24.23,30.08,37.35
/TIMESEND(ms)=0.11,0.14,0.17,0.22,0.27,0.33,0.41,0.51,0.63,0.79,0.98,1.21,1.51,1.87,2.32,2.89,3.58,4.45,5.52,6.85,8.51,10.56,13.12,16.28,20.21,25.08,31.10,38.68,48.02
6768600 1 733 1 Z 20090909.00 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.836378e-01 29 7.7372e+04 6.5930e+04 5.6517e+04 4.8764e+04 3.9832e+04 3.0944e+04 2.6160e+04 1.9101e+04 1.3846e+04 9.5588e+03 6.6220e+03 4.2982e+03 2.6361e+03 1.6087e+03 9.5540e+02 5.4404e+02 3.1409e+02 1.7390e+02 9.3985e+01 4.9054e+01 2.4455e+01 1.1434e+01 5.1232e+00 2.2060e+00 9.0878e-01 3.7736e-01 1.8133e-01 1.0164e-01 8.0509e-02 MERGED
6768800 1 735 1 Z 20090909.12 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.852336e-01 29 7.6965e+04 6.9713e+04 6.2868e+04 5.6376e+04 4.7636e+04 3.7758e+04 3.1892e+04 2.2835e+04 1.5976e+04 1.0536e+04 7.0070e+03 4.3648e+03 2.5803e+03 1.5293e+03 8.8551e+02 4.9139e+02 2.7623e+02 1.4896e+02 7.8664e+01 4.0386e+01 1.9956e+01 9.2591e+00 4.0859e+00 1.6913e+00 6.4525e-01 2.4051e-01 1.1363e-01 6.5632e-02 3.6903e-02 MERGED
6769000 1 737 1 Z 20090909.24 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 3.003610e-01 29 6.9791e+04 7.0445e+04 6.9726e+04 5.5290e+04 4.9808e+04 4.1526e+04 3.6586e+04 2.8234e+04 2.1046e+04 1.4664e+04 1.0105e+04 6.4336e+03 3.7941e+03 2.1814e+03 1.1881e+03 6.3028e+02 3.2884e+02 1.6344e+02 7.8741e+01 3.6225e+01 1.7348e-01 7.1218e-02 2.6235e-02 1.4361e-02 1.2534e-03 MERGED
6769200 1 739 1 Z 20090909.41 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.816048e-01 29 8.3283e+04 7.5704e+04 6.8556e+04 6.1752e+04 5.2492e+04 4.1870e+04 3.5456e+04 2.5424e+04 1.7714e+04 1.1560e+04 7.5724e+03 4.6091e+03 2.6369e+03 1.5009e+03 8.1390e+02 4.3054e+02 2.2598e+02 1.1265e+02 5.4729e+01 2.5936e+01 1.1926e+01 5.2285e+00 2.1560e+00 8.0946e-01 2.6235e-01 4.8461e-02 1.4918e-02 3.3633e-02 3.5841e-02 MERGED
6769400 1 741 1 Z 20090909.58 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.837898e-01 29 8.2378e+04 7.4713e+04 6.7374e+04 6.0406e+04 5.1016e+04 4.0367e+04 3.4011e+04 2.4155e+04 1.6667e+04 1.0752e+04 6.9591e+03 4.1705e+03 2.3420e+03 1.3078e+03 7.0595e+02 3.8286e+02 1.8577e+02 8.5136e+01 3.8656e+01 1.7422e+01 6.2121e-01 1.8306e-01 1.1952e-02 2.4668e-02 4.4778e-02 3.4435e-02 MERGED
6769600 1 743 1 Z 20090910.05 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.964678e-01 29 8.3868e+04 7.6476e+04 6.9126e+04 6.2042e+04 5.2449e+04 4.1558e+04 3.5050e+04 2.4936e+04 1.7213e+04 1.1080e+04 7.1371e+03 4.2409e+03 2.3531e+03 1.2957e+03 6.7956e+02 3.4776e+02 1.7552e+02 8.6099e+01 4.0814e+01 1.8655e+01 8.0016e+00 3.0963e+00 1.0903e+00 3.2276e-01 -3.7994e-02 -9.2202e-02 -5.2650e-02 2.4625e-02 5.3654e-02 MERGED
6769800 1 746 1 Z 20090910.17 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.891946e-01 29 9.1474e+04 8.0272e+04 6.9700e+04 6.0100e+04 4.8112e+04 3.5630e+04 2.8847e+04 1.9115e+04 1.2460e+04 7.6593e+03 4.8160e+03 2.8452e+03 1.6128e+03 9.2787e+02 5.1723e+02 2.8124e+02 1.4945e+02 7.5782e+01 3.6412e+01 1.6658e+01 7.1518e+00 2.8208e+00 9.9778e-01 2.8963e-01 5.6993e-02 6.8900e-03 1.3891e-02 4.1364e-02 5.9550e-02 MERGED
6770000 1 748 1 Z 20090910.29 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.813542e-01 29 8.2727e+04 7.8656e+04 7.4093e+04 6.9038e+04 6.0998e+04 5.0556e+04 4.3568e+04 3.1882e+04 2.2259e+04 1.4288e+04 9.0687e+03 5.2375e+03 2.7794e+03 1.4479e+03 7.0847e+02 3.3505e+02 1.5604e+02 7.1052e+01 3.1792e+01 1.4082e+01 6.0886e+00 2.4288e+00 8.7399e-01 2.5598e-01 5.6940e-02 2.8412e-02 3.8348e-02 4.1127e-02 6.6404e-02 MERGED
6770200 1 751 1 Z 20090910.42 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.832696e-01 29 8.2154e+04 7.8446e+04 7.3878e+04 6.8624e+04 6.0170e+04 4.9252e+04 4.2054e+04 3.0226e+04 2.0740e+04 1.3080e+04 8.1780e+03 4.6439e+03 2.4148e+03 1.2290e+03 5.8611e+02 2.7115e+02 1.2551e+02 5.8042e+01 2.6841e+01 1.2417e+01 5.5814e+00 2.2998e+00 8.1991e-01 2.4577e-01 6.4653e-03 -2.9727e-02 -1.8238e-02 -1.2305e-02 2.4823e-02 MERGED
6770400 1 754 1 Z 20090910.54 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.914641e-01 29 8.5559e+04 7.7706e+04 6.9786e+04 6.2267e+04 5.2025e+04 4.3092e+04 3.5232e+04 2.3826e+04 1.5662e+04 9.2942e+03 5.2742e+03 2.8479e+03 1.5113e+03 5.6632e+02 2.7667e+02 1.3234e+02 6.1736e+01 2.8489e+01 1.2998e+01 5.5129e+00 2.1314e+00 7.8437e-01 2.1130e-01 5.3294e-02 2.0900e-03 -4.3294e-02 MERGED
6770800 1 758 1 Z 20090911.50 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.847198e-01 29 9.0203e+04 8.4101e+04 7.7535e+04 7.0649e+04 6.0501e+04 4.8278e+04 4.0680e+04 2.8670e+04 1.9434e+04 1.2169e+04 7.6012e+03 4.3407e+03 2.2985e+03 1.2097e+03 6.0795e+02 2.9990e+02 1.4695e+02 6.9995e+01 3.2249e+01 1.4312e+01 6.0324e+00 2.2778e+00 7.0708e-01 9.7540e-02 -9.5403e-02 -9.4032e-02 -6.2833e-02 -1.8614e-02 9.7541e-03 MERGED
6771000 1 760 1 Z 20090912.02 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.971299e-01 29 8.9455e+04 7.8705e+04 6.8682e+04 5.9635e+04 4.8338e+04 3.6503e+04 2.9990e+04 2.0490e+04 1.3788e+04 8.7627e+03 5.6500e+03 3.3962e+03 1.9258e+03 1.0888e+03 5.8589e+02 3.0549e+02 1.5552e+02 7.6278e+01 3.6007e+01 1.6507e+01 7.3274e+00 3.0572e+00 1.2318e+00 4.5112e-01 1.8207e-01 1.0497e-01 1.1151e-01 1.0673e-01 1.0395e-01 MERGED
6771200 1 762 1 Z 20090912.19 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 3.026014e-01 29 9.1416e+04 8.0344e+04 6.9966e+04 6.0744e+04 4.9253e+04 3.7178e+04 3.0533e+04 2.0870e+04 1.4053e+04 8.9262e+03 5.7543e+03 3.4580e+03 1.9618e+03 1.1088e+03 5.9658e+02 3.1109e+02 1.5836e+02 7.7722e+01 3.6680e+01 1.6815e+01 7.4645e+00 3.1151e+00 1.2544e+00 4.5941e-01 2.1060e-01 1.2152e-01 1.1836e-01 1.1352e-01 1.0922e-01 MERGED
6771400 1 764 1 Z 20090912.26 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.830366e-01 29 6.9091e+04 6.4430e+04 6.0382e+04 5.6520e+04 5.0868e+04 4.3666e+04 3.8753e+04 3.0216e+04 2.2654e+04 1.5830e+04 1.0903e+04 6.9154e+03 4.0448e+03 2.2991e+03 1.2347e+03 6.1388e+02 3.0427e+02 1.4296e+02 6.6343e+01 3.0594e+01 1.3830e+01 5.9298e+00 2.4120e+00 8.8789e-01 2.9081e-01 8.1145e-02 2.1890e-02 2.2151e-02 3.1390e-02 MERGED
6771600 1 766 1 Z 20090912.36 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.626126e-01 29 6.6538e+04 6.1856e+04 5.7820e+04 5.4058e+04 4.8698e+04 4.1982e+04 3.7432e+04 2.9512e+04 2.2436e+04 1.5972e+04 1.1236e+04 7.3381e+03 4.4642e+03 2.6599e+03 1.5127e+03 8.0264e+02 4.2492e+02 2.1339e+02 1.0220e+02 4.7840e+01 2.1510e+01 9.0176e+00 3.5816e+00 1.2852e+00 4.2331e-01 1.3058e-01 4.2678e-02 2.0731e-02 8.2231e-02 MERGED
6771800 1 768 1 Z 20090912.43 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.705127e-01 29 6.7645e+04 6.3284e+04 5.9284e+04 5.5450e+04 4.9966e+04 4.3102e+04 3.8417e+04 3.0977e+04 2.3241e+04 1.6539e+04 1.1636e+04 7.6000e+03 4.6254e+03 2.7556e+03 1.5662e+03 8.3106e+02 4.4000e+02 2.2096e+02 1.0582e+02 4.9538e+01 2.2268e+01 9.3351e+00 3.7076e+00 1.3306e+00 4.3831e-01 1.3520e-01 4.4195e-02 2.1466e-02 8.5153e-02 MERGED
6772000 1 770 1 Z 20090912.57 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.723235e-01 29 5.9074e+04 5.6713e+04 5.4719e+04 5.2850e+04 4.9962e+04 4.5796e+04 4.2462e+04 3.5788e+04 2.8732e+04 2.1414e+04 1.5518e+04 1.0344e+04 6.3497e+03 3.7811e+03 2.1354e+03 1.1346e+03 5.8390e+02 2.8719e+02 1.3396e+02 6.1139e+01 2.7134e+01 1.1559e+01 4.8175e+00 1.8913e+00 6.3697e-01 1.7729e-01 4.7210e-02 3.2423e-02 2.0356e-02 MERGED
6772200 1 772 1 Z 20090913.05 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.841264e-01 29 6.4458e+04 6.1855e+04 5.9644e+04 5.7743e+04 5.4724e+04 5.0164e+04 4.6448e+04 3.9254e+04 3.1535e+04 2.4044e+04 1.7387e+04 1.1682e+04 7.0857e+03 4.2591e+03 2.4129e+03 1.2867e+03 6.6019e+02 3.2973e+02 1.5647e+02 7.2025e+01 3.1988e+01 1.4000e+01 5.8305e+00 2.3459e+00 8.7835e-01 2.7241e-01 7.3965e-02 2.1362e-02 1.3862e-02 1.3810e-02 MERGED
6772400 1 774 1 Z 20090913.22 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.773854e-01 29 8.0746e+04 7.5824e+04 7.0952e+04 6.6040e+04 5.8716e+04 4.9407e+04 4.3147e+04 3.2491e+04 2.3408e+04 1.5600e+04 1.0282e+04 6.2244e+03 3.4984e+03 1.9465e+03 1.0491e+03 5.3912e+02 2.8260e+02 1.4263e+02 7.1294e+01 3.5176e+01 1.6965e+01 7.8450e+00 3.5063e+00 1.4800e+00 5.7247e-01 2.0786e-01 6.7752e-02 4.4457e-02 2.4005e-02 MERGED
6772600 1 776 1 Z 20090913.35 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.549522e-01 29 7.8093e+04 6.9986e+04 6.3267e+04 5.7374e+04 4.9764e+04 4.1158e+04 3.5877e+04 2.7304e+04 2.0295e+04 1.4034e+04 9.6655e+03 6.1581e+03 3.6428e+03 2.1083e+03 1.1639e+03 5.9950e+02 3.0932e+02 1.5111e+02 7.1979e+01 3.3284e+01 1.4833e+01 6.3103e+00 2.6589e+00 1.1104e+00 4.5177e-01 1.7453e-01 8.3602e-02 4.3316e-02 3.4518e-02 MERGED
6772800 1 778 1 Z 20090913.48 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.923134e-01 29 8.1519e+04 7.7006e+04 7.2442e+04 6.7744e+04 6.0866e+04 5.1995e+04 4.5957e+04 3.5995e+04 2.7284e+04 1.9824e+04 1.3926e+04 9.1446e+03 5.7911e+03 3.5857e+03 2.1601e+03 1.2657e+03 7.1911e+02 3.9988e+02 2.2271e+02 1.2268e+02 6.6307e+01 3.5065e+01 1.8298e+01 9.4486e+00 4.8247e+00 2.4264e+00 1.1862e+00 5.6977e-01 2.6964e-01 1.2636e-01 5.8231e-02 2.6610e-02 1.1362e-02 4.3695e-03 1.3826e-03 3.1390e-04 -1.1362e-04 MERGED
6773000 1 780 1 Z 20090913.58 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.818988e-01 29 8.1775e+04 7.0242e+04 6.0806e+04 5.2935e+04 4.3581e+04 3.3940e+04 2.8580e+04 2.0540e+04 1.4526e+04 9.7132e+03 6.5278e+03 4.0866e+03 2.4020e+03 1.3958e+03 7.6918e+02 4.1090e+02 2.1741e+02 1.0957e+02 5.3908e+01 2.5739e+01 1.1851e+01 5.1270e+00 2.1023e+00 7.9723e-01 3.0044e-01 9.3680e-02 4.7652e-02 6.1910e-02 8.6230e-02 MERGED
6773200 1 782 1 Z 20090914.08 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.765522e-01 29 7.6626e+04 6.7891e+04 6.0480e+04 5.3915e+04 4.5448e+04 3.6030e+04 3.0439e+04 2.1745e+04 1.5084e+04 9.7860e+03 6.3749e+03 3.8598e+03 2.2079e+03 1.2681e+03 7.0405e+02 3.8598e+02 2.1232e+02 1.1227e+02 5.8224e+01 2.9344e+01 1.4253e+01 6.5605e+00 2.9692e+00 1.3449e+00 6.3908e-01 3.6174e-01 2.3576e-01 1.8739e-01 1.7573e-01 MERGED
6773400 1 784 1 Z 20090914.25 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.895e-01 29 8.2995e+04 7.5263e+04 6.8556e+04 6.2095e+04 5.3195e+04 4.3963e+04 3.8161e+04 2.8584e+04 2.0511e+04 1.4000e+04 9.4545e+03 6.1511e+03 3.9255e+03 2.4564e+03 1.5013e+03 8.9847e+02 5.3228e+02 3.1284e+02 1.8107e+02 1.0264e+02 5.7531e+01 3.2064e+01 1.7959e+01 1.0001e+01 5.5731e+00 3.1005e+00 1.7259e+00 9.6060e-01 5.3466e-01 2.9764e-01 1.6566e-01 9.2206e-02 5.1330e-02 2.8570e-02 1.5907e-02 8.8554e-03 4.9310e-03 2.7460e-03 1.5290e-03 8.5160e-04 4.7420e-04 2.6410e-04 1.4710e-04 8.1900e-05 4.5610e-05 2.5400e-05 1.4140e-05 7.8700e-06 4.3800e-06 2.4400e-06 1.3600e-06 7.5700e-07 4.2100e-07 2.3500e-07 1.3100e-07 7.2900e-08 4.0600e-08 2.2600e-08 1.2600e-08 7.0100e-09 3.9000e-09 2.1700e-09 1.2100e-09 6.7300e-10 3.7500e-10 2.0900e-10 1.1600e-10 6.4600e-11 3.6000e-11 2.0000e-11 1.1100e-11 6.2000e-12 3.4500e-12 1.9200e-12 1.0700e-12 5.9500e-13 3.3100e-13 1.8400e-13 1.0200e-13 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SMARTem V TEM data file - created Sun Sep 15 09:04:53 2002 ** GAINS MERGED**
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STN LOOP RDNG ADC C NADC TIME OPERATOR FREQ CURR SAMP_RATE GAIN NSTACKS DIR FLAGS SFTHRES RAMP DELAY NOISE NCH CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 CH30 CH31 CH32 CH33 COMMENT
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/TIMESEND(ms)=0.11,0.14,0.17,0.22,0.27,0.33,0.41,0.51,0.63,0.79,0.98,1.21,1.51,1.87,2.32,2.89,3.58,4.45,5.52,6.85,8.51,10.56,13.12,16.28,20.21,25.10,31,16,38.68,48.02
6762900 1 959 1 Z 2 2091509.26 Rb 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 3.208449e-01 33 4.4393e+04 4.0935e+04 3.8078e+04 3.5689e+04 3.2797e+04 2.9664e+04 2.7743e+04 2.4470e+04 2.1378e+04 1.8126e+04 1.5217e+04 1.2232e+04 9.3584e+03 6.9792e+03 4.9835e+03 3.3741e+03 2.2178e+03 1.3797e+03 0.8809e+02 4.5819e+02 2.4729e+02 1.2474e+02 0.6679e+01 2.7984e+01 1.2334e+01 5.2970e+00 2.2060e+00 9.3981e-01 4.1278e-01 2.7377e-01 1.6733e-01 8.6646e-02 -3.5768e-03 MERGED
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6763300 1 966 1 Z 2 2091510.00 Rb 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.849582e-01 33 4.5505e+04 4.3293e+04 4.1564e+04 4.0097e+04 3.8147e+04 3.5678e+04 3.3842e+04 3.0177e+04 2.6854e+04 2.1276e+04 1.6870e+04 1.2452e+04 8.4907e+03 5.5534e+03 3.4170e+03 1.9678e+03 1.1066e+03 5.9100e+02 3.1211e+02 1.6297e+02 8.5248e+01 4.3662e+01 2.2380e+01 1.1420e+01 5.8491e+00 3.0559e+00 1.5626e+00 7.4927e-01 3.6479e-01 2.8884e-01 1.1566e-01 9.9438e-03 2.5739e-02 MERGED
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6763700 1 972 1 Z 2 2091510.25 Rb 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.920332e-01 33 5.8390e+04 5.1978e+04 4.6570e+04 4.1928e+04 3.6174e+04 2.9926e+04 2.6219e+04 2.0307e+04 1.5453e+04 1.1190e+04 8.0886e+03 5.4981e+03 3.5355e+03 2.2506e+03 1.3879e+03 8.1359e+02 4.8052e+02 2.7427e+02 1.5208e+02 8.3676e+01 4.5345e+01 2.4065e+01 1.2803e+01 6.8324e+00 3.7390e+00 2.1593e+00 1.3187e+00 7.9411e-01 4.5829e-01 1.9492e-01 7.2997e-02 1.7356e-01 5.2339e-02 MERGED
6763900 1 975 1 Z 2 2091510.39 Rb 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 3.122074e-01 33 7.3962e+04 6.6438e+04 5.9027e+04 5.3992e+04 4.6590e+04 3.8421e+04 3.3517e+04 2.5658e+04 1.9201e+04 1.3580e+04 9.5635e+03 6.2878e+03 3.8813e+03 2.3669e+03 1.3947e+03 7.8141e+02 4.4446e+02 2.4678e+02 1.3536e+02 7.4840e+01 4.1330e+01 2.2481e+01 1.2209e+01 6.7002e+00 3.7120e+00 2.0818e+00 1.2003e+00 7.6348e-01 5.6997e-01 3.8048e-01 2.3559e-01 1.9408e-01 1.0747e-01 MERGED
6764100 1 979 1 Z 2 2091510.53 Rb 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.942020e-01 33 7.2591e+04 6.6140e+04 6.0302e+04 5.4998e+04 4.8050e+04 4.0170e+04 3.5328e+04 2.7428e+04 2.0794e+04 1.4904e+04 1.0619e+04 7.0692e+03 4.4164e+03 2.7192e+03 1.6114e+03 9.1319e+02 5.0949e+02 2.7925e+02 1.5056e+02 8.2094e+01 4.4965e+01 2.4328e+01 1.3128e+01 7.0065e+00 3.8048e+00 2.1708e+00 1.2464e+00 7.2429e-01 3.4295e-01 2.8749e-01 2.1301e-01 1.4290e-01 4.9849e-02 MERGED
6764300 1 982 1 Z 2 2091511.08 Rb 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.877167e-01 33 6.7628e+04 6.0840e+04 5.5046e+04 5.0088e+04 4.3671e+04 3.6684e+04 3.2464e+04 2.5614e+04 1.9828e+04 1.4600e+04 1.0688e+04 7.3392e+03 4.7382e+03 3.0085e+03 1.8405e+03 1.0796e+03 6.2636e+02 3.5723e+02 1.9874e+02 1.0990e+02 5.9659e+01 3.1333e+01 1.6353e+01 8.4267e+00 4.3926e+00 2.2705e+00 1.1521e+00 6.4419e-01 3.4154e-01 1.9569e-01 1.5495e-01 9.0258e-02 3.9521e-02 MERGED
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SMARTem V TEM data file - created Tue Sep 03 07:45:44 2002 **MERGED**
LINE:478400   DATATYPE:TEM  INSTRUMENT:SMARTem  UNITS:(uV/A)  CONFIG:COINCIDENT  INITDELAY:0.240  TRANSMITTER:GGT-10  LSIDE:200
STN LOOP SEQ# TIME  DAY  TIMEOFDAY  FREQ CURR SAMP_RATE GAIN STACKS DIR FLAGS SFTHRES RAMP DELAY NOISE NCH CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 COMMENT
6760900 1 459 1 Z 1 2090307.45 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 2.943832e-01 29 6.2494e+04 6.1484e+04 6.0362e+04 5.8964e+04 5.6266e+04 5.1983e+04 4.8458e+04 4.1402e+04 3.3934e+04 2.6076e+04 1.9552e+04 1.3594e+04 8.7294e+03 5.4067e+03 3.1516e+03 1.6415e+03 8.7407e+02 4.2830e+02 1.9871e+02 8.8914e+01 3.8525e+01 1.5907e+01 6.3898e+00 2.4047e+00 8.5843e-01 2.6992e-01 7.3068e-02 2.8955e-03 -6.1567e-03 MERGED
6761100 1 461 1 Z 1 2090308.02 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.453582e-01 29 3.3898e+04 3.3181e+04 3.2569e+04 3.1933e+04 3.0793e+04 2.8940e+04 2.7317e+04 2.3867e+04 1.9948e+04 1.5607e+04 1.1869e+04 8.3678e+03 5.4477e+03 3.4184e+03 1.8876e+03 1.1066e+03 5.9218e+02 2.9285e+02 1.3677e+02 6.1306e+01 2.6503e+01 1.0965e+01 4.4920e+00 1.7615e+00 6.7250e-01 2.7332e-01 1.2122e-01 7.9982e-02 1.0165e-01 MERGED
6761300 1 463 1 Z 1 2090308.13 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.658695e-01 29 3.1128e+04 3.0756e+04 3.0457e+04 3.0108e+04 2.9380e+04 2.7802e+04 2.6377e+04 2.3199e+04 1.9425e+04 1.5130e+04 1.1382e+04 8.1477e+03 5.3867e+03 3.4063e+03 2.0282e+03 1.0664e+03 5.4978e+02 2.5979e+02 1.2988e+02 5.8054e+01 2.4505e+01 1.0941e+01 4.3742e+00 1.6196e+00 6.4126e-01 2.3423e-01 6.6895e-02 6.8264e-03 -1.6802e-02 MERGED
6761500 1 465 1 Z 1 2090308.28 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.476271e-01 29 4.4976e+04 4.3736e+04 4.1845e+04 3.9498e+04 3.5554e+04 3.0277e+04 2.6645e+04 2.0397e+04 1.4987e+04 1.0237e+04 6.9068e+03 4.2865e+03 2.1852e+03 1.3443e+03 7.2590e+02 3.7738e+02 1.9752e+02 1.0136e+02 5.1755e+01 2.6436e+01 1.3263e+01 6.4056e+00 2.9928e+00 1.2768e+00 5.0357e-01 1.4943e-01 6.1638e-03 -3.8724e-02 -1.5475e-02 MERGED
6761700 1 467 1 Z 1 2090308.45 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.592240e-01 29 4.1155e+04 4.0871e+04 4.0346e+04 3.9438e+04 3.7327e+04 3.3750e+04 2.9774e+04 2.4946e+04 1.9133e+04 1.3667e+04 9.7961e+03 6.3140e+03 4.1237e+03 2.3680e+02 4.7527e+02 2.4151e+02 1.2016e+02 5.9607e+01 2.9639e+01 1.4507e+01 6.7574e+00 3.0241e+00 1.2436e+00 4.7596e-01 1.3333e-01 5.5634e-02 1.0679e-03 -5.0973e-03 MERGED
6761900 1 469 1 Z 1 2090309.00 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.414800e-01 29 3.4719e+04 3.4271e+04 3.3900e+04 3.3403e+04 3.2233e+04 3.0088e+04 2.8145e+04 2.4856e+04 1.9580e+04 1.4852e+04 1.0985e+04 7.5316e+03 4.7923e+03 2.9653e+03 1.6771e+03 9.4944e+02 5.1149e+02 2.5867e+02 1.2474e+02 5.8105e+01 2.6111e+01 1.1071e+01 4.4432e+00 1.5960e+00 4.7555e-01 8.0747e-02 -2.8134e-02 -4.9041e-02 -2.7175e-02 MERGED
6762100 1 471 1 Z 1 2090309.19 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.443813e-01 29 3.5430e+04 3.3796e+04 3.2436e+04 3.1140e+04 2.9177e+04 2.6518e+04 2.4546e+04 2.0814e+04 1.7053e+04 1.3191e+04 1.0022e+04 7.1378e+03 4.7692e+03 3.1184e+03 1.8533e+03 1.1600e+03 6.8282e+02 3.7955e+02 2.0060e+02 1.0067e+02 4.7420e+01 2.0393e+01 8.1593e+00 2.9603e+00 9.3297e-01 2.5025e-01 4.8605e-02 -7.1193e-03 -1.4572e-02 MERGED
6762300 1 473 1 Z 1 2090309.37 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.470124e-01 29 3.8704e+04 3.7730e+04 3.7057e+04 3.6543e+04 3.5892e+04 3.5003e+04 3.4224e+04 3.2389e+04 3.0909e+04 3.1666e+04 3.1344e+04 3.0083e+04 2.9861e+04 3.0385e+04 3.1419e+04 3.2836e+04 3.4889e+04 3.9147e+04 4.1852e+04 3.2000e+04 2.1319e+04 1.4382e+04 1.0489e+04 2.9147e+01 -8.0135e-02 -1.1079e-01 -3.5988e-02 MERGED
6762500 1 475 1 Z 1 2090309.50 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.517010e-01 29 1.5660e+04 1.4909e+04 1.4360e+04 1.3928e+04 1.3403e+04 1.2768e+04 1.2293e+04 1.1291e+04 1.0061e+04 8.5180e+03 6.9997e+03 5.3929e+03 3.8675e+03 2.6686e+03 1.7608e+03 1.1646e+03 7.4031e+02 4.1720e+02 2.2453e+02 1.1633e+02 5.7471e+01 2.6347e+01 1.1254e+01 4.3332e+00 1.4690e+00 4.2287e-01 7.1854e-02 -2.0554e-02 -3.8963e-02 MERGED
6762700 1 477 1 Z 1 2090310.04 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.578162e-01 29 1.9738e+04 1.9002e+04 1.8508e+04 1.8137e+04 1.7665e+04 1.7019e+04 1.6458e+04 1.5168e+04 1.3472e+04 1.1304e+04 9.1754e+03 6.9526e+03 4.8897e+03 3.3130e+03 1.8286e+03 1.2039e+03 7.2955e+02 4.1972e+02 2.2895e+02 1.2067e+02 6.1067e+01 2.8960e+01 1.3066e+01 5.4896e+00 2.1346e+00 7.9321e-01 2.7581e-01 7.5458e-02 1.8395e-02 MERGED
6762900 1 479 1 Z 1 2090310.22 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.615190e-01 29 2.1139e+04 2.0344e+04 1.9810e+04 1.9413e+04 1.8908e+04 1.8217e+04 1.7617e+04 1.6236e+04 1.4424e+04 1.2102e+04 9.8230e+03 7.4463e+03 5.2350e+03 3.5501e+03 1.9588e+03 1.2895e+03 7.8150e+02 4.4972e+02 2.4525e+02 1.2929e+02 6.5429e+01 3.1019e+01 1.3999e+01 5.8814e+00 2.2866e+00 8.4952e-01 2.9544e-01 8.0834e-02 1.9707e-02 MERGED
6763100 1 481 1 Z 1 2090310.30 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.657335e-01 29 2.2133e+04 2.1018e+04 2.0210e+04 1.9538e+04 1.8618e+04 1.7390e+04 1.6441e+04 1.4521e+04 1.2379e+04 9.9623e+03 7.8134e+03 5.7290e+03 3.9168e+03 2.2769e+03 1.6767e+03 1.1193e+03 6.6596e+02 3.7262e+02 2.0177e+02 1.0700e+02 5.5432e+01 2.7533e+01 1.3245e+01 6.0078e+00 2.5711e+00 1.0543e+00 4.4196e-01 2.5910e-01 2.1407e-01 MERGED
6763300 1 484 1 Z 1 2090311.33 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.576359e-01 29 2.7511e+04 2.6163e+04 2.5190e+04 2.4425e+04 2.3450e+04 2.2177e+04 2.1164e+04 1.9010e+04 1.6441e+04 1.3395e+04 1.0582e+04 7.7848e+03 5.3107e+03 2.7779e+03 1.8378e+03 1.1821e+03 6.8464e+02 3.7651e+02 1.9721e+02 1.0028e+02 4.9659e+01 2.3736e+01 1.1202e+01 5.0709e+00 2.1614e+00 8.5391e-01 2.9694e-01 8.2984e-02 5.9263e-03 MERGED
6763600 1 487 1 Z 1 2090312.48 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.615190e-01 29 3.1787e+04 3.0734e+04 3.0063e+04 2.9034e+04 2.5171e+04 2.1138e+04 1.6779e+04 1.2993e+04 9.3698e+03 6.2640e+03 4.0467e+03 2.0374e+03 1.3319e+03 8.3356e+02 4.2642e+02 2.1557e+02 1.1565e+02 5.7364e+01 2.6290e+01 8.4528e+00 2.1502e+00 4.6059e-01 2.6810e-01 1.3228e-01 4.8659e-02 MERGED
6763700 1 489 1 Z 1 2090312.01 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.537759e-01 29 5.2691e+04 4.9477e+04 4.6523e+04 4.3616e+04 3.9340e+04 3.3952e+04 3.0331e+04 2.4101e+04 1.8621e+04 1.3645e+04 9.9779e+03 6.8997e+03 4.5408e+03 2.3134e+03 1.6806e+03 1.1141e+03 6.9180e+02 4.0278e+02 2.2523e+02 1.2199e+02 6.3868e+01 3.1840e+01 1.5439e+01 7.1927e+00 3.1814e+00 1.3273e+00 5.2996e-01 2.2447e-01 8.8413e-02 MERGED
6763900 1 491 1 Z 1 2090312.14 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.695472e-01 29 3.8790e+04 3.6817e+04 3.5545e+04 3.4593e+04 3.3377e+04 3.1757e+04 3.0444e+04 2.7615e+04 2.4178e+04 2.0000e+04 1.6026e+04 1.1961e+04 8.2611e+03 5.4887e+03 3.4517e+03 1.7811e+03 1.1376e+03 6.4787e+02 3.5050e+02 1.8405e+02 9.3541e+01 4.5161e+01 2.1212e+01 9.5641e+00 4.1141e+00 1.7266e+00 6.6447e-01 2.7288e-01 9.0384e-02 MERGED
6764100 1 493 1 Z 1 2090312.24 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.588869e-01 29 4.1562e+04 3.7945e+04 3.5424e+04 3.3585e+04 3.1645e+04 2.9734e+04 2.8591e+04 2.6508e+04 2.4159e+04 2.1161e+04 1.8019e+04 1.4447e+04 1.0784e+04 7.6993e+03 5.1654e+03 3.2296e+03 1.7379e+03 1.0708e+03 5.8323e+02 3.0374e+02 1.5241e+02 7.2675e+01 3.3687e+01 1.4978e+01 6.4116e+00 2.6470e+00 1.0398e+00 3.7944e-01 1.3342e-01 MERGED
6764300 1 495 1 Z 1 2090312.37 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.567105e-01 29 4.0390e+04 3.7185e+04 3.5090e+04 3.3656e+04 3.2259e+04 3.0962e+04 3.0173e+04 2.8566e+04 2.6413e+04 2.3316e+04 1.9849e+04 1.5796e+04 1.1614e+04 8.1327e+03 5.3442e+03 3.2825e+03 1.7432e+03 1.0750e+03 5.9601e+02 3.2228e+02 1.7011e+02 8.6112e+01 4.2304e+01 1.9729e+01 8.6663e+00 3.5853e+00 1.3563e+00 4.8401e-01 1.7318e-01 MERGED
6764500 1 497 1 Z 1 2090312.48 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.682188e-01 29 4.3927e+04 3.9869e+04 3.7617e+04 3.4905e+04 3.2653e+04 3.0460e+04 2.9192e+04 2.6968e+04 2.4562e+04 2.1568e+04 1.8468e+04 1.4930e+04 1.1290e+04 8.1886e+03 5.6016e+03 3.5850e+03 1.9238e+03 1.2342e+03 7.0095e+02 3.7613e+02 1.9471e+02 9.6683e+01 4.7110e+01 2.2228e+01 1.0024e+01 4.2569e+00 1.6603e+00 6.1397e-01 2.1367e-01 MERGED
6764700 1 499 1 Z 1 2090313.01 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.567105e-01 29 4.2116e+04 3.8744e+04 3.6353e+04 3.4269e+04 3.2456e+04 3.0711e+04 2.9682e+04 2.7767e+04 2.5488e+04 2.2442e+04 1.9158e+04 1.5414e+04 1.1654e+04 8.4703e+03 5.7909e+03 3.7163e+03 2.0016e+03 1.2842e+03 7.2955e+02 3.9150e+02 2.0161e+02 1.0062e+02 4.9008e+01 2.3144e+01 1.0436e+01 4.4299e+00 1.7283e+00 6.3882e-01 2.2237e-01 8.0616e-02 MERGED
6765100 1 501 1 Z 1 2090313.11 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.566705e-01 29 5.2286e+04 4.8068e+04 4.5210e+04 4.2982e+04 4.0183e+04 3.6804e+04 3.4435e+04 3.0002e+04 2.5469e+04 2.0633e+04 1.6432e+04 1.2350e+04 8.7293e+03 6.0064e+03 3.9497e+03 2.0905e+03 1.4134e+03 8.4896e+02 4.7839e+02 2.5989e+02 1.3630e+02 6.8114e+01 3.3181e+01 1.5646e+01 7.1943e+00 3.2183e+00 1.3903e+00 5.8919e-01 2.5500e-01 MERGED
6765300 1 503 1 Z 1 2090313.23 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.615190e-01 29 5.9434e+04 5.4822e+04 5.0285e+04 4.7114e+04 4.3039e+04 3.8242e+04 3.5076e+04 2.9563e+04 2.4238e+04 1.9053e+04 1.4611e+04 1.0614e+04 7.4047e+03 5.3575e+03 3.6154e+03 2.0198e+03 1.1940e+03 7.0695e+02 3.9702e+02 2.1822e+02 1.1873e+02 6.3676e+01 3.3145e+01 1.6987e+01 8.5038e+00 4.1083e+00 1.8995e+00 8.6916e-01 3.5502e-01 1.2780e-01 MERGED
6765500 1 507 1 Z 1 2090313.43 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COMBO1\1100110027220220100 20.0 0.24 0.01 1.619881e-01 29 6.6215e+04 6.0171e+04 5.5382e+04 5.1364e+04 4.6273e+04 4.0
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SMARTem V TEM data file - created Sun Sep 15 12:38:20 2002 ** GAINS MERGED**
LINE:478800  DATATYPE:TEM  INSTRUMENT:SMARTem  UNITS:(uV/A)  CONFIG:COINCIDENT  INITDELAY:0.240  TRANSMITTER:GGT-10  LSIDE:200
STN LOOP RDNG ADC C NADC TIME OPERATOR FREQ CURR SAMP_RATE GAIN NSTACKS DIR FLAGS SFTHRES RAMP DELAY NOISE NCH CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 CH30 CH31 CH32 CH33 COMMENT
/TIMESSTART(ms)=0.09,0.11,0.13,0.17,0.21,0.26,0.32,0.40,0.49,0.61,0.76,0.94,1.17,1.46,1.81,2.24,2.79,3.46,4.29,5.33,6.62,8.22,10.20,12.66,15.72,19.52,24.23,30.08,37.35,46.37,57.56,71.46,88.72
/TIMESEND(ms)=0.11,0.14,0.17,0.22,0.27,0.33,0.41,0.51,0.63,0.79,0.98,1.21,1.51,1.87,2.32,2.89,3.58,4.45,5.52,6.85,8.51,10.56,13.12,16.28,20.21,25.10,31.16,38.68,48.02,59.61,74.01,91.88,114.07
6764100 1 984 1 Z 2 2091512.37 Rb 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 2.357417e-01 33 5.5184e+04 5.2912e+04 5.0928e+04 4.9184e+04 4.6430e+04 4.3053e+04 4.0488e+04 3.3230e+04 2.8213e+04 2.2705e+04 1.7874e+04 1.3205e+04 9.1373e+03 5.9692e+03 3.8467e+03 2.3508e+03 1.4043e+03 7.9521e+02 4.3003e+02 2.2174e+02 1.0923e+02 5.0394e+01 2.2378e+01 9.4632e+00 3.8194e+00 1.5013e+00 5.5314e-01 2.2413e-01 7.1108e-02 1.5381e-02 1.8344e-02 1.6961e-02 1.5820e-03 MERGED
6764300 1 987 1 Z 2 20915112.55 Rb 2.083333 18.000 31250.000 2.0 128 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.218476e-01 33 4.3424e+04 4.1490e+04 3.9830e+04 3.8342e+04 3.6316e+04 3.3790e+04 3.2006e+04 2.8642e+04 2.5130e+04 2.1228e+04 1.7630e+04 1.3878e+04 1.0249e+04 7.2820e+03 4.8790e+03 3.0522e+03 1.8389e+03 1.0382e+03 5.5087e+02 2.8173e+02 1.3689e+02 6.3368e+01 2.8592e+01 1.2429e+01 5.1694e+00 2.0406e+00 7.5194e-01 2.6182e-01 4.7106e-02 -3.7149e-02 -6.0328e-02 -1.1647e-02 -1.0695e-02 MERGED
6764500 1 989 1 Z 2 20915113.08 Rb 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.702328e-01 33 5.0816e+04 4.7833e+04 4.5303e+04 4.3048e+04 3.9991e+04 3.6240e+04 3.2814e+04 2.8317e+04 2.4003e+04 1.9675e+04 1.6081e+04 1.2626e+04 9.4618e+03 6.5901e+03 4.5810e+03 2.9868e+03 1.8752e+03 1.1039e+03 6.2423e+02 3.3077e+02 1.6739e+02 7.9193e+01 3.6147e+01 1.5756e+01 6.5775e+00 2.6134e+00 9.5744e-01 3.2889e-01 9.2445e-02 2.8075e-02 1.8077e-02 9.0353e-03 3.5849e-02 MERGED
6764700 1 992 1 Z 2 20915113.22 Rb 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120100 20.0 0.24 0.01 1.989982e-01 33 5.4629e+04 5.1141e+04 4.7931e+04 4.4913e+04 4.0724e+04 3.5661e+04 3.2607e+04 2.6960e+04 2.2030e+04 1.7500e+04 1.4007e+04 1.0815e+04 8.0570e+03 5.8464e+03 4.0597e+03 2.6649e+03 1.6978e+03 1.0233e+03 5.8133e+02 3.2056e+02 1.6829e+02 8.3532e+01 3.9751e+01 1.7896e+01 7.6477e+00 3.1194e+00 1.1941e+00 4.5891e-01 1.7686e-01 8.9807e-02 4.1353e-02 1.1740e-02 2.0557e-03 MERGED
6764900 1 995 1 Z 2 20915113.37 Rb 2.083333 18.000 31250.000 2.0 128 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.975573e-01 33 7.2756e+04 6.4080e+04 5.6584e+04 5.0140e+04 4.2332e+04 3.4201e+04 2.9678e+04 2.2935e+04 1.7924e+04 1.3830e+04 1.0907e+04 8.3309e+03 6.1125e+03 4.3995e+03 3.0393e+03 1.9734e+03 1.2482e+03 7.4483e+02 4.2938e+02 2.3986e+02 1.2870e+02 6.5810e+01 3.2906e+01 1.5906e+01 6.6142e+00 2.7877e+00 1.1492e+00 5.1569e-01 2.4573e-01 1.4209e-01 6.6880e-02 5.6400e-02 5.8267e-02 MERGED
6765100 1 996 1 Z 2 20915113.45 Rb 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.858617e-01 33 8.4576e+04 7.4024e+04 6.4747e+04 5.6780e+04 4.7271e+04 3.7627e+04 3.2426e+04 2.4843e+04 1.9301e+04 1.4747e+04 1.1443e+04 8.5110e+03 6.0241e+03 4.1743e+03 2.7675e+03 1.7384e+03 1.0664e+03 6.2042e+02 3.5128e+02 1.9271e+02 1.0354e+02 5.3202e+01 2.6580e+01 1.2652e+01 5.7562e+00 2.5290e+00 1.0527e+00 4.8719e-01 2.3740e-01 1.7663e-01 1.1282e-01 7.3712e-02 4.7465e-02 MERGED
6765300 1 999 1 Z 2 20915114.14 Rb 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.115894e-01 33 4.5301e+04 3.5478e+04 3.1143e+04 2.7609e+04 2.3491e+04 1.9292e+04 1.6952e+04 1.3359e+04 1.0487e+04 7.9424e+03 5.7038e+03 4.1132e+03 2.8252e+03 1.9217e+03 1.2699e+03 8.0354e+02 5.2344e+02 3.2205e+02 1.9415e+02 1.1294e+02 6.3491e+01 3.3810e+01 1.7264e+01 8.3489e+00 3.8515e+00 1.7470e+00 8.2197e-01 3.7767e-01 1.2174e-01 -3.3127e-02 -1.3867e-04 7.3973e-02 1.6778e-02 MERGED
6765500 1 1002 1 Z 2 20915114.24 Rb 2.083333 18.000 31250.000 1.0 128 C:\DATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.854440e-01 33 5.0293e+04 4.6084e+04 4.2403e+04 3.9117e+04 3.4835e+04 2.9945e+04 2.9235e+04 2.3704e+04 1.8931e+04 1.4509e+04 1.1075e+04 8.2562e+03 5.5882e+03 3.6862e+03 2.3179e+03 1.3791e+03 7.8680e+02 4.4294e+02 2.4209e+02 1.2834e+02 6.7139e+01 3.3578e+01 1.6369e+01 7.7145e+00 3.5234e+00 1.5292e+00 5.9691e-01 2.9080e-01 2.0655e-01 1.0287e-01 -1.1923e-01 1.2687e-02 1.9208e-01 MERGED
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SMARTem V TEM data file - created Thu Sep 05 07:53:37 2002 ** GAINS MERGED**
LINE:481000 NAVIGATION:NONE INSTRUMENT:SMARTem UNITS:VOLTAGE CONFIGURATION_INITDELAY:0.240  TRANSMITTER:GGT-10  LSIDE:200
STN LOOP RDNG ADC C NADC TIME OPERATOR FREQ CURR SAMP_RATE GAIN NSTACKS DIR FLAGS SFTHRES RAMP DELAY NOISE NCH CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 COMMENT
/TIMESSTART(ms)=0.00,0.11,0.13,0.17,0.21,0.26,0.32,0.40,0.49,0.61,0.76,0.94,1.17,1.46,1.81,2.24,2.79,3.46,4.29,5.33,6.62,8.22,10.20,12.66,15.72,19.52,24.23,30.08,37.35
/TIMESEND(ms)=0.11,0.13,0.17,0.21,0.26,0.32,0.40,0.49,0.61,0.76,0.94,1.17,1.46,1.81,2.24,2.79,3.46,4.29,5.33,6.62,8.22,10.20,12.66,15.72,19.52,24.23,30.08,37.35,46.35
6763700 1 571 1 Z 2 20905O8.14 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 2.729117e-01 29 9.8257e+04 8.5964e+04 7.4982e+04 6.5186e+04 5.2902e+04 3.9900e+04 3.2666e+04 2.2050e+04 1.4547e+04 8.9765e+03 5.5998e+03 3.2273e+03 1.7439e+03 9.3832e+02 4.7993e+02 2.3760e+02 1.1543e+02 5.4486e+01 2.5201e+01 1.1615e+01 5.2901e+00 2.3572e+00 1.0170e+00 4.5314e-01 2.1088e-01 1.5326e-01 1.4799e-01 1.5290e-01 1.6234e-01 MERGED
6763900 1 573 1 Z 2 20905O8.27 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 2.975090e-01 29 9.8184e+04 8.6364e+04 7.5796e+04 6.6270e+04 5.4144e+04 4.1146e+04 3.3838e+04 2.3048e+04 1.5362e+04 9.6068e+03 6.0749e+03 3.5572e+03 1.9524e+03 1.0631e+03 5.4796e+02 2.7213e+02 1.3170e+02 6.1279e+01 2.7451e+01 1.1979e+01 4.9943e+00 1.8816e+00 6.0791e-01 7.8119e-02 -6.1917e-02 -8.1314e-02 -5.9098e-02 -1.3818e-02 3.1553e-02 MERGED
6764100 1 575 1 Z 2 20905O8.39 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 2.872372e-01 29 9.9594e+04 8.3170e+04 7.0034e+04 5.9030e+04 5.9125e+04 4.7391e+04 4.0122e+04 2.8586e+04 1.9624e+04 1.2487e+04 7.9312e+03 4.6277e+03 2.5110e+03 1.3592e+03 6.8800e+02 3.5908e+02 1.6420e+02 7.6174e+01 3.3688e+01 1.4224e+01 5.6565e+00 2.0313e+00 6.2744e-01 3.7713e-02 -5.4844e-02 -8.5979e-02 -5.2416e-02 -1.4504e-02 1.4498e-02 MERGED
6764300 1 577 1 Z 2 20905O8.51 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 3.057912e-01 29 8.6372e+04 7.8613e+04 7.1514e+04 6.4834e+04 5.5712e+04 4.5104e+04 3.8572e+04 2.8154e+04 1.9920e+04 1.3184e+04 8.7283e+03 5.3591e+03 3.0790e+03 1.7479e+03 9.4921e+02 4.7972e+02 2.3904e+02 1.0992e+02 4.7748e+01 1.9511e+01 7.4114e+00 2.4805e+00 6.9143e-01 9.7850e-02 -5.1056e-02 -6.8650e-02 -5.0810e-02 -1.2668e-02 2.3341e-02 MERGED
6764500 1 579 1 Z 2 20905O9.03 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 2.925175e-01 29 8.9242e+04 8.1876e+04 7.4838e+04 6.8058e+04 5.8662e+04 4.7666e+04 4.0868e+04 2.9998e+04 2.1357e+04 1.4228e+04 9.4570e+03 5.8098e+03 3.3166e+03 1.8575e+03 9.8949e+02 4.8969e+02 2.4129e+02 1.1127e+02 4.9607e+01 2.1239e+01 8.5323e+00 3.0979e+00 9.6134e-01 2.0987e-01 1.4617e-02 -3.7121e-02 -3.8658e-02 1.7175e-02 3.5333e-02 MERGED
6764700 1 581 1 Z 2 20905O9.15 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 2.878744e-01 29 9.3279e+04 8.6602e+04 7.9596e+04 7.2423e+04 6.2857e+04 4.9913e+04 4.2861e+04 3.1234e+04 2.2973e+04 1.5457e+04 1.0866e+04 6.8553e+03 3.9997e+03 2.1886e+03 1.1695e+03 5.9805e+02 2.9735e+02 1.4107e+02 6.2053e+01 2.6523e+01 1.0526e+01 3.9225e+00 1.2617e+00 2.8205e-01 3.3464e-02 MERGED
6764900 1 583 1 Z 2 20905O9.28 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 3.031604e-01 29 8.5444e+04 7.8870e+04 7.2524e+04 6.6276e+04 5.7357e+04 4.6672e+04 3.9967e+04 2.9196e+04 2.0658e+04 1.3686e+04 9.0799e+03 5.5966e+03 3.2294e+03 1.8383e+03 9.9871e+02 5.0460e+02 2.5312e+02 1.1877e+02 5.3960e+01 2.3663e+01 9.9016e+00 3.8995e+00 1.4781e+00 5.0241e-01 1.6058e-01 1.3430e-02 -1.6150e-02 -1.0590e-02 2.1060e-02 MERGED
6765100 1 585 1 Z 2 20905O9.40 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 2.900988e-01 29 8.6082e+04 8.0196e+04 7.4298e+04 6.7276e+04 5.8429e+04 4.7453e+04 4.1438e+04 3.1863e+04 2.3478e+04 1.6032e+04 1.1253e+04 7.2454e+03 4.3184e+03 2.5462e+03 1.4248e+03 7.7006e+02 3.9729e+02 1.9039e+02 8.5252e+01 3.6203e+01 1.4447e+01 5.0899e+00 1.4488e+00 1.8771e-02 1.2719e-01 1.5190e-02 2.7737e-02 MERGED
6765300 1 587 1 Z 2 20905O9.52 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 2.877144e-01 29 8.4792e+04 8.0744e+04 7.4924e+04 6.5826e+04 5.8444e+04 4.9254e+04 3.9340e+04 3.3608e+04 2.4752e+04 1.7006e+04 1.2252e+04 8.3784e+03 5.3175e+03 3.1426e+03 1.8217e+03 1.0085e+03 5.2175e+02 2.6917e+02 1.3029e+02 6.1159e+01 2.8075e+01 1.2761e+01 5.7682e+00 2.6916e+00 1.2077e+00 5.2607e-01 2.9215e-01 5.2047e-02 6.7696e-03 3.2333e-02 MERGED
6765500 1 589 1 Z 2 20905l0.08 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 3.041756e-01 29 7.3070e+04 6.5188e+04 5.8656e+04 5.3009e+04 4.5875e+04 3.8022e+04 3.3358e+04 2.6009e+04 2.0102e+04 1.4948e+04 1.1110e+04 7.7448e+03 5.0141e+03 3.1202e+03 1.8126e+03 9.6879e+02 4.9009e+02 2.3243e+02 1.0290e+02 4.4533e+01 1.8923e+01 7.9682e+00 3.4693e+00 1.5215e+00 6.3614e-01 2.5874e-01 1.0989e-01 4.2458e-02 1.7813e-02 MERGED
6765700 1 591 1 Z 2 20905l0.21 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 3.060120e-01 29 7.3115e+04 6.5815e+04 5.9422e+04 5.3844e+04 4.7019e+04 3.9946e+04 3.4744e+04 2.7148e+04 2.1078e+04 1.5708e+04 1.1706e+04 8.1344e+03 5.2158e+03 3.2154e+03 1.8494e+03 9.8931e+02 5.0196e+02 2.4154e+02 1.0744e+02 4.6494e+01 1.9744e+01 8.3151e+00 3.4394e+00 1.4161e+00 5.5706e-01 2.1587e-01 8.1561e-02 3.0299e-02 3.7545e-02 MERGED
6765900 1 593 1 Z 2 20905l1.09 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 3.275763e-01 29 7.5591e+04 6.7062e+04 5.9683e+04 5.3174e+04 4.4955e+04 3.6108e+04 3.1080e+04 2.3556e+04 1.8020e+04 1.3594e+04 1.0512e+04 7.8622e+03 5.6423e+03 3.9711e+03 2.6695e+03 1.6908e+03 1.0378e+03 5.9579e+02 3.2848e+02 1.7267e+02 8.7682e+01 4.2113e+01 1.9685e+01 8.9096e+00 3.9608e+00 1.7397e+00 7.7232e-01 3.1896e-01 1.5075e-01 MERGED
6766100 1 595 1 Z 2 20905l1.42 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 3.058516e-01 29 6.9485e+04 6.2443e+04 5.6399e+04 5.0992e+04 4.3950e+04 3.6072e+04 3.1384e+04 2.4068e+04 1.8366e+04 1.3611e+04 1.0252e+04 7.4268e+03 5.1793e+03 3.5907e+03 2.4190e+03 1.5683e+03 1.0041e+03 6.1378e+02 3.6596e+02 2.1248e+02 1.1949e+02 6.5191e+01 3.4951e+01 1.8120e+01 9.0049e+00 4.2692e+00 1.9209e+00 8.1564e-01 3.3164e-01 MERGED
6766300 1 597 1 Z 2 20905l1.75 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 3.029605e-01 29 6.9815e+04 6.2443e+04 5.6442e+04 4.9710e+04 4.2964e+04 3.5244e+04 3.0946e+04 2.3744e+04 1.8104e+04 1.3472e+04 1.0148e+04 7.3588e+03 5.1308e+03 3.5603e+03 2.4004e+03 1.5564e+03 1.0000e+03 6.1154e+02 3.6499e+02 2.1154e+02 1.1894e+02 6.4994e+01 3.4844e+01 1.8081e+01 8.9866e+00 4.2624e+00 1.9188e+00 8.1561e-01 3.3184e-01 3.7545e-02 MERGED
6766500 1 599 1 Z 2 20905l2.09 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 2.968500e-01 29 6.2086e+04 5.6101e+04 5.1010e+04 4.6622e+04 4.1134e+04 3.5052e+04 3.1316e+04 2.5138e+04 1.9829e+04 1.5040e+04 1.1521e+04 8.5562e+03 6.2378e+03 4.6073e+03 3.3656e+03 2.3942e+03 1.6824e+03 1.1369e+03 7.3631e+02 4.6564e+02 2.8543e+02 1.6767e+02 9.7078e+01 5.4685e+01 2.9917e+01 1.5825e+01 7.9508e+00 3.7822e+00 1.7292e+00 MERGED
6766700 1 601 1 Z 2 20905l2.22 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 2.822258e-01 29 5.8229e+04 5.2458e+04 4.7642e+04 4.3569e+04 3.8604e+04 3.3227e+04 2.9972e+04 2.4572e+04 1.9812e+04 1.5336e+04 1.1889e+04 8.8712e+03 6.4415e+03 4.7175e+03 3.4188e+03 2.4262e+03 1.7142e+03 1.1783e+03 7.8769e+02 5.2201e+02 3.4122e+02 2.1774e+02 1.3729e+02 8.4637e+01 5.0584e+01 2.9187e+01 1.6115e+01 8.4638e+00 4.2117e+00 MERGED
6766900 1 603 1 Z 2 20905l2.33 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 3.079237e-01 29 5.5189e+04 4.9744e+04 4.5206e+04 4.1350e+04 3.6650e+04 3.1552e+04 2.8474e+04 2.3356e+04 1.8838e+04 1.4579e+04 1.1307e+04 8.4413e+03 6.1307e+03 4.4911e+03 3.2554e+03 2.3090e+03 1.6317e+03 1.1220e+03 7.5017e+02 4.9734e+02 3.2489e+02 2.0744e+02 1.3073e+02 8.0623e+01 4.8184e+01 2.7823e+01 1.5354e+01 8.0638e+00 4.0117e+00 1.6466e+00 MERGED
6767100 1 605 1 Z 2 20905l2.44 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 2.919761e-01 29 4.9638e+04 4.5309e+04 4.1692e+04 3.8616e+04 3.4854e+04 3.0804e+04 2.8379e+04 2.4360e+04 2.0702e+04 1.6998e+04 1.3842e+04 1.0788e+04 8.0702e+03 5.9934e+03 4.3615e+03 3.0941e+03 2.1838e+03 1.4988e+03 1.0029e+03 6.5350e+02 4.1915e+02 2.6078e+02 1.5974e+02 9.6579e+01 5.7678e+01 3.4078e+01 1.9865e+01 1.1372e+01 6.3265e+00 MERGED
6767300 1 607 1 Z 2 20905l2.56 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 3.046680e-01 29 5.2244e+04 4.6741e+04 4.2256e+04 3.8556e+04 3.4217e+04 2.9742e+04 2.7176e+04 2.3056e+04 1.9440e+04 1.5878e+04 1.2901e+04 1.0056e+04 7.5470e+03 5.6375e+03 4.1355e+03 2.9605e+03 2.1081e+03 1.4581e+03 9.8204e+02 6.4298e+02 4.1360e+02 2.5759e+02 1.5768e+02 9.5132e+01 5.5669e+01 3.2260e+01 1.9264e+01 1.0997e+01 6.1277e+00 MERGED
6767500 1 609 1 Z 2 20905l2.67 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 3.013077e-01 29 4.9426e+04 4.5206e+04 4.1692e+04 3.8616e+04 3.4854e+04 3.0804e+04 2.8379e+04 2.4360e+04 2.0702e+04 1.6998e+04 1.3842e+04 1.0788e+04 8.0702e+03 5.9934e+03 4.3615e+03 3.0941e+03 2.1838e+03 1.4988e+03 1.0029e+03 6.5350e+02 4.1915e+02 2.6078e+02 1.5974e+02 9.6579e+01 5.7678e+01 3.4078e+01 1.9865e+01 1.1372e+01 6.3265e+00 MERGED
6767700 1 611 1 Z 2 20905l2.78 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 2.853327e-01 29 6.2902e+04 5.6059e+04 5.0407e+04 4.5660e+04 3.9955e+04 3.3932e+04 3.0420e+04 2.4792e+04 2.0023e+04 1.5619e+04 1.2228e+04 9.2329e+03 6.7910e+03 5.0395e+03 3.7112e+03 2.6870e+03 1.9402e+03 1.3628e+03 9.3168e+02 6.1896e+02 4.0329e+02 2.5364e+02 1.5651e+02 9.4771e+01 5.6400e+01 3.1737e+01 1.9221e+01 1.0965e+01 6.1164e+00 MERGED
6767900 1 928 1 Z 2 20905l09.32 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 2.827617e-01 29 5.4384e+04 4.7558e+04 4.2302e+04 3.8144e+04 3.3418e+04 2.8617e+04 2.5879e+04 2.1504e+04 1.7745e+04 1.4182e+04 1.1340e+04 8.7402e+03 6.5416e+03 4.9141e+03 3.6508e+03 2.6604e+03 1.9318e+03 1.3644e+03 9.3768e+02 6.2606e+02 4.0955e+02 2.5870e+02 1.5992e+02 9.6911e+01 5.7694e+01 3.3899e+01 1.9581e+01 1.1128e+01 6.1937e+00 MERGED
6768100 1 930 1 Z 2 20905l09.45 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 3.032862e-01 29 5.3014e+04 4.6359e+04 4.1242e+04 3.7216e+04 3.2660e+04 2.7972e+04 2.5293e+04 2.1028e+04 1.8438e+04 1.3878e+04 1.1131e+04 8.5485e+03 6.4023e+03 4.8105e+03 3.5727e+03 2.6053e+03 1.8911e+03 1.3357e+03 9.1872e+02 6.1354e+02 4.0128e+02 2.5344e+02 1.5686e+02 9.5028e+01 5.6591e+01 3.3258e+01 1.9221e+01 1.0965e+01 6.1164e+00 MERGED
6768300 1 932 1 Z 2 20905l09.58 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 2.727336e-01 29 5.6421e+04 5.1642e+04 4.7445e+04 4.3729e+04 3.9010e+04 3.3813e+04 3.0690e+04 2.5606e+04 2.1192e+04 1.6964e+04 1.3544e+04 1.0368e+04 7.6513e+03 5.6420e+03 4.1028e+03 2.9241e+03 2.0803e+03 1.4412e+03 9.7354e+02 6.4015e+02 4.1349e+02 2.5826e+02 1.5823e+02 9.5187e+01 5.6326e+01 3.2956e+01 1.9003e+01 1.0806e+01 5.9936e+00 MERGED
6768500 1 934 1 Z 2 20905l10.09 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 3.141793e-01 29 5.1753e+04 4.5246e+04 4.0276e+04 3.6487e+04 3.1987e+04 2.7437e+04 2.5860e+04 2.1324e+04 1.6986e+04 1.3492e+04 1.0276e+04 7.5515e+03 5.5567e+03 4.0376e+03 2.8790e+03 2.0494e+03 1.4222e+03 9.6315e+02 6.3574e+02 4.1276e+02 2.5950e+02 1.6004e+02 9.6983e+01 5.7750e+01 3.3958e+01 1.9581e+01 1.1128e+01 6.1937e+00 MERGED
6768700 1 936 1 Z 2 20905l10.21 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 3.032638e-01 29 4.9891e+04 4.3680e+04 3.8664e+04 3.4910e+04 3.0733e+04 2.9977e+04 2.8256e+04 2.5246e+04 2.2331e+04 1.9180e+04 1.6250e+04 1.3141e+04 1.0088e+04 7.5706e+03 5.5003e+03 3.9547e+03 2.8254e+03 2.0053e+03 1.4006e+03 9.4488e+02 6.2274e+02 4.0502e+02 2.5344e+02 1.5686e+02 9.5028e+01 5.6591e+01 3.3258e+01 1.9221e+01 1.0965e+01 6.1164e+00 MERGED
6768900 1 938 1 Z 2 20905l10.34 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 2.901727e-01 29 4.2289e+04 3.9418e+04 3.7005e+04 3.4927e+04 3.2335e+04 2.9478e+04 2.7720e+04 2.4728e+04 2.1854e+04 1.8717e+04 1.5786e+04 1.2693e+04 9.6979e+03 7.2610e+03 5.2743e+03 3.7124e+03 2.5988e+03 1.7746e+03 1.1866e+03 7.7574e+02 4.9998e+02 3.1103e+02 1.8867e+02 1.1132e+02 6.3766e+01 3.5589e+01 1.9260e+01 1.0129e+01 5.1416e+00 MERGED
6769100 1 940 1 Z 2 20905l11.42 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 3.146766e-01 29 4.4759e+04 4.1804e+04 4.3322e+04 4.1166e+04 3.8374e+04 3.5865e+04 3.2816e+04 2.8645e+04 2.4359e+04 2.0115e+04 1.6084e+04 1.2183e+04 9.7833e+03 6.2862e+03 4.4666e+03 3.1154e+03 2.1818e+03 1.4966e+03 1.0054e+03 6.5798e+02 4.2228e+02 2.6107e+02 1.5713e+02 9.1937e+01 5.2109e+01 2.8654e+01 1.5156e+01 7.7028e+00 3.7416e+00 MERGED
6769300 1 942 1 Z 2 20905l11.56 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 3.207573e-01 29 4.9884e+04 4.6250e+04 4.3409e+04 4.1082e+04 3.8262e+04 3.5110e+04 3.3851e+04 2.9268e+04 2.5305e+04 2.0871e+04 1.6853e+04 1.2854e+04 9.2741e+03 6.5940e+03 4.5820e+03 3.1174e+03 2.1341e+03 1.4334e+03 9.4307e+02 6.0261e+02 3.7599e+02 2.2474e+02 1.2967e+02 7.2242e+01 3.8685e+01 1.9960e+01 9.8582e+00 4.6740e+00 2.1510e+00 MERGED
6769500 1 944 1 Z 2 20905l12.09 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 2.955408e-01 29 4.9792e+04 4.6150e+04 4.3232e+04 4.0818e+04 3.7885e+04 3.4621e+04 3.2500e+04 2.8612e+04 2.4568e+04 2.0100e+04 1.6130e+04 1.2264e+04 8.8856e+03 6.3952e+03 4.5242e+03 3.1319e+03 2.1619e+03 1.4449e+03 9.3292e+02 5.7860e+02 3.4673e+02 2.1565e+02 1.0645e+02 5.4867e+01 2.6868e+01 1.2555e+01 5.6333e+00 2.4911e+00 1.1209e+00 MERGED
6769700 1 946 1 Z 2 20905l12.23 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 3.075901e-01 29 7.2258e+04 6.6425e+04 6.1242e+04 5.6612e+04 5.0494e+04 4.3296e+04 3.8640e+04 3.0772e+04 2.3975e+04 1.7888e+04 1.3412e+04 9.5796e+03 6.5197e+03 4.3786e+03 2.8375e+03 1.7608e+03 1.0808e+03 6.3522e+02 3.6724e+02 2.0827e+02 1.1511e+02 6.1650e+01 3.2355e+01 1.6532e+01 8.2958e+00 4.1449e+00 2.0812e+00 1.0879e+00 5.7228e-01 MERGED
6769900 1 948 1 Z 2 20905l12.36 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 3.017363e-01 29 8.1568e+04 7.3912e+04 6.7068e+04 6.0808e+04 5.2452e+04 4.2886e+04 3.7092e+04 2.8010e+04 2.0988e+04 1.5259e+04 1.1329e+04 8.0876e+03 5.5369e+03 3.7456e+03 2.4394e+03 1.5143e+03 9.2461e+02 5.3831e+02 3.0683e+02 1.7035e+02 9.3118e+01 4.9197e+01 2.5752e+01 1.3302e+01 6.8769e+00 3.6005e+00 1.9571e+00 1.0000e+00 6.1940e-01 MERGED
6770300 1 951 1 Z 2 20905l13.04 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 2.941438e-01 29 9.1317e+04 8.2744e+04 7.5107e+04 6.8102e+04 5.8722e+04 4.8021e+04 4.1540e+04 3.1360e+04 2.3501e+04 1.7080e+04 1.2685e+04 9.0540e+03 6.1983e+03 4.1939e+03 2.7309e+03 1.6957e+03 1.0348e+03 6.1116e+02 3.4236e+02 1.9067e+02 1.0431e+02 5.5417e+01 2.8824e+01 1.4884e+01 7.5107e+00 3.8660e+00 1.9571e+00 1.0000e+00 6.1940e-01 MERGED
6770500 1 955 1 Z 2 20905l13.22 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200102100 20.0 0.24 0.01 2.972332e-01 29 8.4308e+04 7.4749e+04 6.6662e+04 5.9652e+04 5.0788e+04 4.1041e+04 3.5311e+04 2.6492e+04 1.9824e+04 1.4484e+04 1.0874e+04 7.9085e+03 5.5551e+03 3.8644e+03 2.5884e+03 1.6461e+03 1.0200e+03 5.9468e+02 3.3475e+02 1.8138e+02 9.6214e+01 4.9312e+01 2.5028e+01 1.2434e+01 6.0732e+00 2.9830e+00 1.4847e+00 7.7132e-01 4.1238e-01 MERGED
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SMARTem V TEM data file - created Sat Sep 07 12:30:14 2002 ** GAINS MERGED**
LINE:482100 INSTRUMENT:SMARTem UNITS(U/V/I/R):U/V/I/R/ CONTENT  INITDELAY:0.240  TRANSMITTER:GGT-10  LSIDE:200
STN LOOP RDNG ADC C NADC TIME OPERATOR FREQ CURR SAMP_RATE GAIN NSTACKS DIR FLAGS SFTHRES RAMP DELAY NOISE NCH CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 COMMENT
/TIMESSTART(ms)=0.00,0.11,0.13,0.17,0.21,0.26,0.32,0.40,0.49,0.61,0.76,0.94,1.17,1.46,1.81,2.24,2.79,3.46,4.29,5.33,6.62,8.22,10.20,12.66,15.72,19.52,24.23,30.08,37.35,46.37,57.56,71.46,88.72
/TIMESEND(ms)=0.11,0.13,0.17,0.21,0.26,0.32,0.40,0.49,0.61,0.76,0.94,1.17,1.46,1.81,2.24,2.79,3.46,4.29,5.33,6.62,8.22,10.20,12.66,15.72,19.52,24.23,30.08,37.35,46.37,57.56,71.46,88.72
6773400 1 660 1/2 0 2009712.39 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 3.194056e-01 29 6.0863e+04 5.1191e+04 4.3630e+04 3.7622e+04 3.0810e+04 2.4041e+04 2.0409e+04 1.5139e+04 1.1398e+04 8.5134e+03 6.5816e+03 4.9782e+03 3.6624e+03 2.6645e+03 1.8653e+03 1.2397e+03 7.9143e+02 4.8692e+02 2.8439e+02 1.5780e+02 8.4013e+01 4.1954e+01 2.0041e+01 9.0714e+00 3.9138e+00 1.6142e+00 6.2197e-01 2.2017e-01 8.2256e-02 MERGED
6773600 1 662 1/2 0 2009712.56 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 3.071047e-01 29 6.4323e+04 5.5169e+04 4.7894e+04 4.1996e+04 3.5130e+04 2.8135e+04 2.4282e+04 1.8555e+04 1.4282e+04 1.0750e+04 8.1890e+03 5.9452e+03 4.0852e+03 2.7394e+03 1.7516e+03 1.0620e+03 6.2626e+02 3.5815e+02 1.9727e+02 1.0721e+02 5.6897e+01 2.9098e+01 1.4663e+01 7.1667e+00 3.3937e+00 1.5479e+00 6.6523e-01 2.7321e-01 1.1484e-01 MERGED
6773800 1 664 1/2 0 2009713.09 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120100 20.0 0.24 0.01 2.971186e-01 29 6.7456e+04 5.9618e+04 5.3224e+04 4.7846e+04 4.1218e+04 3.3964e+04 2.9614e+04 2.2650e+04 1.6984e+04 1.2424e+04 8.6921e+03 5.8998e+03 3.8208e+03 2.4644e+03 1.5451e+03 9.3183e+02 5.4817e+02 3.1432e+02 1.7559e+02 9.1531e+01 4.7573e+01 2.3981e+01 1.2058e+01 5.9397e+00 2.8319e+00 1.3199e+00 5.9717e-01 2.6083e-01 1.1566e-01 MERGED
6774000 1 668 1/2 0 2009713.26 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.919255e-01 29 5.7586e+04 5.2654e+04 4.8520e+04 4.4919e+04 4.0280e+04 3.4944e+04 3.1534e+04 2.5704e+04 2.0438e+04 1.5418e+04 1.1504e+04 8.0544e+03 5.2950e+03 3.4063e+03 2.0970e+03 1.2248e+03 6.9551e+02 3.8215e+02 2.0123e+02 1.0441e+02 5.3042e+01 2.6050e+01 1.2722e+01 6.0682e+00 2.8070e+00 1.2610e+00 5.2701e-01 2.1429e-01 9.1472e-02 MERGED
6774200 1 670 1/2 0 2009713.38 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.919436e-01 29 5.3308e+04 4.9316e+04 4.5972e+04 4.3075e+04 3.9380e+04 3.5163e+04 3.2460e+04 2.7726e+04 2.3173e+04 1.8446e+04 1.4397e+04 1.0516e+04 7.1510e+03 4.7060e+03 2.9427e+03 1.7406e+03 1.0106e+03 5.5753e+02 2.9971e+02 1.5540e+02 7.8065e+01 3.6959e+01 1.6829e+01 7.2718e+00 3.0260e+00 1.2048e+00 4.5700e-01 1.7057e-01 6.6817e-02 MERGED
6774400 1 672 1/2 0 2009714.02 Rb 4.166667 18.000 31250.000 2.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 1.749262e-01 29 4.9886e+04 4.6146e+04 4.2982e+04 4.0232e+04 3.6754e+04 3.2871e+04 3.0467e+04 2.6394e+04 2.2609e+04 1.8693e+04 1.5244e+04 1.1764e+04 8.5134e+03 5.9412e+03 3.9184e+03 2.4193e+03 1.4449e+03 8.0855e+02 4.3112e+02 2.0733e+02 9.9100e+01 4.1459e+01 1.6479e+01 6.4613e+00 2.3843e+00 8.7401e-01 3.1644e-01 1.3444e-02 MERGED
6774600 1 674 1/2 0 2009714.02 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 1.740817e-01 29 2.7400e+04 2.5347e+04 2.3598e+04 2.1852e+04 1.9714e+04 1.7322e+04 1.5860e+04 1.3449e+04 1.1325e+04 9.2557e+03 7.5310e+03 5.8572e+03 4.3261e+03 3.1121e+03 2.1362e+03 1.3835e+03 8.4000e+02 5.1143e+02 2.8911e+02 1.5630e+02 8.1725e+01 4.0432e+01 1.9204e+01 8.5248e+00 3.5097e+00 1.3082e+00 4.3069e-01 1.1608e-01 4.2586e-02 MERGED
6774800 1 676 1/2 0 2009714.14 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 1.932225e-01 29 6.3001e+04 5.7673e+04 5.2728e+04 4.8211e+04 4.2379e+04 3.4248e+04 3.0614e+04 2.4782e+04 1.9908e+04 1.5455e+04 1.1992e+04 8.8372e+03 5.9597e+03 4.0606e+03 2.6400e+03 1.6251e+03 9.8010e+02 5.6167e+02 3.1327e+02 1.6963e+02 8.9762e+01 4.5159e+01 2.1715e+01 9.7238e+00 3.9930e+00 1.4617e+00 4.8375e-01 1.2670e-01 5.5070e-02 MERGED
6775000 1 678 1/2 0 2009714.26 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.019758e-01 29 6.6660e+04 6.1374e+04 5.7454e+04 5.2484e+04 4.7780e+04 4.4032e+04 4.1057e+04 3.5777e+04 3.0743e+04 2.5884e+04 2.1481e+04 1.7270e+04 1.3987e+04 1.1022e+04 8.5451e+03 6.5167e+03 4.8966e+03 3.5811e+03 2.5664e+03 1.8111e+03 1.2561e+03 8.5536e+02 5.8139e+02 3.8955e+02 2.5811e+02 1.6964e+02 1.0941e+02 6.9211e+01 4.2972e+01 2.6144e+01 1.5536e+01 9.1258e+00 5.2107e+00 2.9137e+00 1.5830e+00 8.3109e-01 4.2486e-01 2.1128e-01 1.0253e-01 4.8375e-02 1.2670e-02 5.5070e-03 MERGED
6775200 1 680 1/2 0 2009714.37 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 3.036003e-01 29 5.5412e+04 5.2115e+04 4.8748e+04 4.5438e+04 4.0843e+04 3.5472e+04 3.2125e+04 2.6624e+04 2.1885e+04 1.7438e+04 1.3894e+04 1.0588e+04 7.6786e+03 5.4406e+03 3.6811e+03 2.3515e+03 1.4589e+03 8.4336e+02 4.7626e+02 2.5661e+02 1.3117e+02 6.3013e+01 2.8576e+01 1.2007e+01 4.6695e+00 1.7054e+00 5.7669e-01 1.6944e-01 4.5319e-02 MERGED
6775400 1 682 1/2 0 2009714.51 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.848967e-01 29 5.9989e+04 5.5182e+04 5.0580e+04 4.6328e+04 4.0848e+04 3.4862e+04 3.1353e+04 2.5796e+04 2.1158e+04 1.6822e+04 1.3320e+04 1.0099e+04 7.0845e+03 4.8695e+03 3.1815e+03 2.1586e+03 1.3722e+03 6.5876e+02 3.5717e+02 1.8552e+02 9.3271e+01 4.4364e+01 2.0382e+01 8.8587e+00 3.6184e+00 1.4025e+00 5.2479e-01 1.6855e-01 4.2786e-02 MERGED
6775600 1 684 1/2 0 2009808.00 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.977186e-01 29 6.7404e+04 6.2004e+04 5.7124e+04 5.2284e+04 4.7846e+04 4.3966e+04 4.0844e+04 3.5599e+04 3.0599e+04 2.5884e+04 2.1481e+04 1.7270e+04 1.3987e+04 1.1022e+04 8.5451e+03 6.5167e+03 4.8966e+03 3.5811e+03 2.5664e+03 1.8111e+03 1.2561e+03 8.5536e+02 5.8139e+02 3.8955e+02 2.5811e+02 1.6964e+02 1.0941e+02 6.9211e+01 4.2972e+01 2.6144e+01 1.5536e+01 9.1258e+00 5.2107e+00 2.9137e+00 1.5830e+00 8.3109e-01 4.2486e-01 2.1128e-01 1.0253e-01 4.8375e-02 1.2670e-02 5.5070e-03 MERGED
6775800 1 686 1/2 0 2009808.04 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 3.304412e-01 29 6.2953e+04 5.7846e+04 5.3370e+04 4.9406e+04 4.4343e+04 3.8708e+04 3.5285e+04 2.9674e+04 2.4764e+04 1.9977e+04 1.5974e+04 1.2097e+04 8.6000e+03 5.9105e+03 3.8426e+03 2.3384e+03 1.3751e+03 7.5208e+02 3.9349e+02 1.9523e+02 9.2752e+01 4.1196e+01 1.7576e+01 7.1385e+00 2.7783e+00 1.0185e+00 3.5590e-01 1.1479e-01 3.3262e-02 MERGED
6776000 1 688 1/2 0 2009808.17 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.977186e-01 29 6.8514e+04 6.3190e+04 5.8852e+04 5.4452e+04 4.8854e+04 4.5177e+04 4.0612e+04 3.5580e+04 3.2492e+04 2.7326e+04 2.2656e+04 1.8806e+04 1.4110e+04 1.0402e+04 7.6400e+03 5.7190e+03 4.3033e+03 3.2214e+03 2.3898e+03 1.7407e+03 1.2496e+03 8.8800e+02 6.2556e+02 4.3736e+02 3.0212e+02 2.0696e+02 1.4026e+02 9.4342e+01 6.2814e+01 4.1298e+01 2.6800e+01 1.7202e+01 1.0961e+01 6.5579e+00 3.8111e+00 2.1702e+00 1.2109e+00 6.6223e-01 3.5800e-01 1.8939e-01 9.8372e-02 MERGED
6776200 1 690 1/2 0 2009808.44 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120100 20.0 0.24 0.01 2.771857e-01 29 6.8601e+04 6.0779e+04 5.4598e+04 4.9506e+04 4.3364e+04 3.6698e+04 3.2635e+04 2.5888e+04 1.9997e+04 1.4553e+04 1.0460e+04 7.0056e+03 4.3888e+03 2.7017e+03 1.5999e+03 9.0670e+02 5.0695e+02 2.7725e+02 1.4752e+02 7.7884e+01 4.0310e+01 2.0110e+01 9.8520e+00 4.6459e+00 2.1178e+00 9.2483e-01 4.2386e-01 2.2005e-01 1.4445e-01 MERGED
6776400 1 692 1/2 0 2009808.53 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.734053e-01 29 6.3488e+04 5.7639e+04 5.3123e+04 4.9482e+04 4.5049e+04 3.9982e+04 3.6623e+04 3.0572e+04 2.4693e+04 1.8764e+04 1.3976e+04 9.6875e+03 6.2470e+03 3.9199e+03 2.3420e+03 1.3221e+03 7.2535e+02 3.8441e+02 1.9555e+02 9.8146e+01 4.8239e+01 2.2955e+01 1.0849e+01 5.0682e+00 2.3262e+00 1.0715e+00 4.9131e-01 2.4084e-01 1.2632e-01 MERGED
6776600 1 694 1/2 0 2009809.13 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.809973e-01 29 6.7844e+04 6.2891e+04 5.8552e+04 5.4638e+04 4.9370e+04 4.3046e+04 3.8840e+04 3.1472e+04 2.4695e+04 1.8244e+04 1.3297e+04 9.0462e+03 5.7634e+03 3.6042e+03 2.1641e+03 1.2393e+03 6.9506e+02 3.7919e+02 2.0009e+02 1.0461e+02 5.3580e+01 2.6465e+01 1.2851e+01 6.0765e+00 2.8217e+00 1.3178e+00 6.3232e-01 3.1499e-01 1.6858e-01 MERGED
6776800 1 696 1/2 0 2009809.30 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.809973e-01 29 6.6935e+04 6.1975e+04 5.7854e+04 5.3744e+04 5.0075e+04 4.4061e+04 3.8567e+04 3.5266e+04 2.9808e+04 2.4859e+04 1.9840e+04 1.5556e+04 1.1430e+04 7.8245e+03 5.1791e+03 3.2464e+03 1.9122e+03 1.0960e+03 5.8983e+02 3.0765e+02 1.5488e+02 7.6377e+01 3.6230e+01 1.6964e+01 7.7592e+00 3.4762e+00 1.5627e+00 6.7700e-01 3.0042e-01 1.4032e-01 MERGED
6777000 1 698 1/2 0 2009809.52 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 3.074962e-01 29 6.2163e+04 5.7396e+04 5.3018e+04 4.9075e+04 4.4061e+04 3.8567e+04 3.5266e+04 2.9808e+04 2.4859e+04 1.9840e+04 1.5556e+04 1.1430e+04 7.8245e+03 5.1791e+03 3.2464e+03 1.9122e+03 1.0960e+03 5.8983e+02 3.0765e+02 1.5488e+02 7.6377e+01 3.6230e+01 1.6964e+01 7.7592e+00 3.4762e+00 1.5627e+00 6.7700e-01 3.0042e-01 1.4032e-01 MERGED
6777200 1 700 1/2 0 2009810.05 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.892013e-01 29 5.4616e+04 5.1640e+04 4.8687e+04 4.5823e+04 4.1872e+04 3.7259e+04 3.4364e+04 2.9508e+04 2.5078e+04 2.0528e+04 1.6527e+04 1.2522e+04 8.8549e+03 6.0422e+03 3.9046e+03 2.3711e+03 1.3988e+03 7.7283e+02 4.1249e+02 2.1153e+02 1.0404e+02 4.8973e+01 2.2602e+01 1.0189e+01 4.5373e+00 2.0324e+00 8.9652e-01 4.0376e-01 1.9973e-01 MERGED
6777400 1 702 1/2 0 2009810.19 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.767213e-01 29 5.3183e+04 5.0842e+04 4.8353e+04 4.5776e+04 4.1948e+04 3.7190e+04 3.4067e+04 2.8769e+04 2.4048e+04 1.9460e+04 1.5640e+04 1.1930e+04 8.5657e+03 5.9641e+03 3.9493e+03 2.4669e+03 1.5021e+03 8.6989e+02 4.8236e+02 2.6245e+02 1.3865e+02 7.0856e+01 3.5594e+01 1.7347e+01 8.2509e+00 3.8451e+00 1.7297e+00 7.6202e-01 3.2425e-01 MERGED
6777600 1 704 1/2 0 2009811.46 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 3.155905e-01 29 6.3334e+04 5.8004e+04 5.4520e+04 5.0312e+04 4.4630e+04 3.8184e+04 3.4298e+04 2.8096e+04 2.2938e+04 1.8191e+04 1.4431e+04 1.0932e+04 7.8749e+03 5.5570e+03 3.7646e+03 2.4273e+03 1.5331e+03 9.2485e+02 5.3434e+02 3.0165e+02 1.6397e+02 8.5575e+01 4.3483e+01 2.1337e+01 1.0187e+01 4.7689e+00 2.1772e+00 9.9274e-01 4.3317e-01 MERGED
6777800 1 706 1/2 0 2009811.57 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.913559e-01 29 6.0404e+04 5.6921e+04 5.4529e+04 4.9549e+04 4.3184e+04 3.6948e+04 3.3110e+04 2.6931e+04 2.1806e+04 1.7176e+04 1.3610e+04 1.0316e+04 7.4138e+03 5.2333e+03 3.5139e+03 2.2733e+03 1.4255e+03 8.5664e+02 4.9731e+02 2.8873e+02 1.5949e+02 8.2873e+01 4.2045e+01 2.0824e+01 1.0167e+01 4.8686e+00 2.2772e+00 1.0462e+00 4.7306e-01 2.1067e-01 9.2252e-02 MERGED
6778000 1 708 1/2 0 2009812.09 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 3.110147e-01 29 6.3478e+04 5.7698e+04 5.2376e+04 4.7549e+04 4.1376e+04 3.4666e+04 3.0766e+04 2.4693e+04 1.9812e+04 1.5488e+04 1.2213e+04 9.2929e+03 6.8312e+03 4.9810e+03 3.5169e+03 2.3709e+03 1.5591e+03 9.7463e+02 5.7957e+02 3.3461e+02 1.8538e+02 9.8171e+01 5.0424e+01 2.4851e+01 1.1775e+01 5.4227e+00 2.4275e+00 1.0763e+00 4.5784e-01 MERGED
6778200 1 710 1/2 0 2009812.21 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.941915e-01 29 5.4966e+04 4.7864e+04 4.2624e+04 3.8522e+04 3.3841e+04 2.9037e+04 2.6264e+04 2.1800e+04 1.7945e+04 1.4291e+04 1.1369e+04 8.6663e+03 6.3238e+03 4.5437e+03 3.1456e+03 2.0761e+03 1.3398e+03 8.1761e+02 4.8440e+02 2.7746e+02 1.5309e+02 8.1163e+01 4.1917e+01 2.0828e+01 9.9746e+00 4.6332e+00 2.1187e+00 9.3434e-01 4.0495e-01 MERGED
6778400 1 712 1/2 0 2009812.33 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.873083e-01 29 6.0249e+04 5.2651e+04 4.6715e+04 4.2029e+04 3.6760e+04 3.1481e+04 2.8518e+04 2.3834e+04 1.9829e+04 1.5980e+04 1.2806e+04 9.7661e+03 7.0444e+03 4.9423e+03 3.3008e+03 2.0785e+03 1.2719e+03 7.3183e+02 4.0730e+02 2.1955e+02 1.1476e+02 5.8311e+01 2.9544e+01 1.4834e+01 7.4392e+00 3.7073e+00 1.8276e+00 8.9164e-01 4.2897e-01 MERGED
6778600 1 714 1/2 0 2009812.45 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.841071e-01 29 5.7262e+04 5.1106e+04 4.6032e+04 4.1870e+04 3.7044e+04 3.2122e+04 2.9328e+04 2.4863e+04 2.0956e+04 1.7085e+04 1.3802e+04 1.0591e+04 7.6737e+03 5.4046e+03 3.6272e+03 2.2998e+03 1.4216e+03 8.2722e+02 4.7019e+02 2.5914e+02 1.3833e+02 7.1480e+01 3.6443e+01 1.8222e+01 8.9611e+00 4.3661e+00 2.0757e+00 9.7220e-01 4.5216e-01 MERGED
6778800 1 716 1/2 0 2009812.57 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.861762e-01 29 5.9054e+04 4.8350e+04 4.3577e+04 3.8812e+04 3.4341e+04 2.9844e+04 2.7138e+04 2.3006e+04 1.9231e+04 1.5497e+04 1.2496e+04 9.6256e+03 7.0026e+03 5.0139e+03 3.5435e+03 2.3667e+03 1.5247e+03 9.4449e+02 5.6911e+02 3.3206e+02 1.8900e+02 1.0567e+02 5.7866e+01 3.1267e+01 1.6694e+01 8.8260e+00 4.6009e+00 2.3606e+00 1.1967e+00 6.0000e-01 2.9956e-01 MERGED
6778900 1 718 1/2 0 2009813.01 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.861762e-01 29 5.9054e+04 5.4626e+04 5.0552e+04 4.6777e+04 4.2629e+04 3.8812e+04 3.4341e+04 2.9844e+04 2.7138e+04 2.3006e+04 1.9231e+04 1.5497e+04 1.2496e+04 9.6256e+03 7.0026e+03 5.0139e+03 3.5435e+03 2.3667e+03 1.5247e+03 9.4449e+02 5.6911e+02 3.3206e+02 1.8900e+02 1.0567e+02 5.7866e+01 3.1267e+01 1.6694e+01 8.8260e+00 4.6009e+00 2.3606e+00 1.1967e+00 6.0000e-01 2.9956e-01 MERGED
6779000 1 720 1/2 0 2009813.13 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\COOBER 01100110022720120120000 20.0 0.24 0.01 2.873096e-01 29 6.1752e+04 5.3782e+04 4.7530e+04 4.2573e+04 3.6970e+04 3.1348e+04 2.8204e+04 2.3276e+04 1.9131e+04 1.5245e+04 1.2124e+04 9.2545e+03 6.7878e+03 4.9270e+03 3.4663e+03 2.3368e+03 1.5445e+03 9.7557e+02 5.8901e+02 3.4654e+02 1.9577e+02 1.0589e+02 5.5408e+01 2.7721e+01 1.3266e+01 6.1047e+00 2.6974e+00 1.1623e+00 4.9956e-01 MERGED
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SMARTem V TEM data file - created Wed Sep 04 07:43:38 2002 ** GAINS MERGED**
LINE:484000 DATATYPE:TEM INSTRUMENT:SMARTEM_V_TEM_SYSTEM_CONTENT INITIDELAY:0.240 TRANSMITTER:GGT-10 LSIDE:200
STN LOOP RDNG ADC C NADC TIME OPERATOR FREQ CURR SAMP_RATE GAIN NSTACKS DIR FLAGS SFTHRES RAMP DELAY NOISE NCH CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 COMMENT
/TIMESSTART(ms)=0.09,0.11,0.13,0.17,0.21,0.26,0.32,0.40,0.49,0.61,0.76,0.94,1.17,1.46,1.81,2.24,2.79,3.46,4.29,5.33,6.62,8.22,10.20,12.66,15.72,19.52,24.23,30.08,37.35
/TIMESEND(ms)=0.11,0.14,0.17,0.22,0.27,0.33,0.41,0.51,0.63,0.79,0.98,1.21,1.51,1.87,2.32,2.89,3.58,4.45,5.52,6.85,8.51,10.56,13.12,16.28,20.22,25.10,31.16,38.68,48.02
6764300 1 511 1 2 2090407.43 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200120000 20.0 0.24 0.01 2.757690e-01 29 7.2253e+04 6.6652e+04 6.1541e+04 5.6574e+04 4.9429e+04 4.0725e+04 3.5142e+04 2.5986e+04 1.8512e+04 1.2250e+04 8.0457e+03 4.8586e+03 2.7206e+03 1.4997e+03 7.7759e+02 3.9188e+02 1.9301e+02 9.2069e+01 4.2513e+01 1.9135e+01 8.2709e+00 3.2957e+00 1.1951e+00 3.4869e-01 3.9526e-02 -2.7204e-02 -8.9190e-03 -2.3881e-02 -1.7457e-02 MERGED
6764500 1 513 1 2 2090407.56 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200120100 20.0 0.24 0.01 2.942845e-01 29 8.9630e+04 7.9082e+04 6.9196e+04 6.0136e+04 4.8618e+04 3.6386e+04 2.9595e+04 1.9681e+04 1.2757e+04 7.6904e+03 4.6792e+03 2.6169e+03 1.3712e+03 7.0736e+02 3.6385e+02 1.8020e+02 9.2710e+01 4.1746e+01 2.1417e+01 1.2500e+01 6.2407e+00 2.9110e+00 1.2947e+00 5.7327e-01 2.4523e-01 1.0706e-01 9.4158e-02 1.0653e-01 1.0274e-01 MERGED
6764700 1 516 1 2 2090408.10 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200120100 20.0 0.24 0.01 2.864511e-01 29 8.6302e+04 7.2764e+04 6.3684e+04 5.6367e+04 4.8394e+04 3.6768e+04 2.9886e+04 1.9908e+04 1.2869e+04 7.8064e+03 4.7491e+03 2.6365e+03 1.4403e+03 7.3869e+02 4.0025e+02 1.7582e+02 1.1352e+02 6.1710e+01 3.2943e+01 1.7187e+01 8.6966e+00 4.0756e+00 1.6575e+00 9.0386e-01 4.6996e-02 6.9978e-02 -8.1793e-02 -2.2737e-02 3.5397e-02 6.8815e-02 MERGED
6764900 1 518 1 2 2090408.26 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200120000 20.0 0.24 0.01 2.889609e-01 29 8.6170e+04 7.6048e+04 6.6372e+04 5.7419e+04 4.6014e+04 3.3956e+04 2.7324e+04 1.7758e+04 1.1210e+04 6.5333e+03 3.8376e+03 2.0548e+03 1.0276e+03 5.1266e+02 2.6043e+02 1.3097e+02 6.9764e+01 3.7235e+01 1.9771e+01 1.0334e+01 5.1263e+00 2.3121e+00 9.7381e-01 3.3711e-01 1.1200e-01 4.0873e-02 3.6500e-02 5.6828e-02 7.8599e-02 MERGED
6765100 1 520 1 2 2090408.37 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200120000 20.0 0.24 0.01 2.902141e-01 29 7.3146e+04 6.7354e+04 6.1956e+04 5.6647e+04 4.8996e+04 3.9730e+04 3.3864e+04 2.4394e+04 1.6869e+04 1.0760e+04 6.8020e+03 3.9125e+03 2.0671e+03 1.0737e+03 5.2721e+02 2.5382e+02 1.2315e+02 5.9819e+01 2.8939e+01 1.3816e+01 6.3870e+00 2.7549e+00 1.1096e+00 4.0812e-01 1.4292e-01 6.0860e-02 1.6135e-02 2.8572e-02 3.3530e-02 MERGED
6765300 1 523 1 2 2090408.93 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200120000 20.0 0.24 0.01 2.885760e-01 29 7.5219e+04 6.9288e+04 6.3439e+04 5.7219e+04 5.0280e+04 4.7433e+04 4.3439e+04 3.7511e+04 2.9208e+04 1.4886e+04 1.0290e+04 6.4965e+03 3.7433e+03 2.0779e+03 1.0811e+03 5.1476e+02 2.4197e+02 1.0568e+02 4.4549e+01 1.8566e+01 7.2960e+00 2.7743e+00 1.0024e+00 3.1901e-01 1.4536e-02 -2.6839e-02 -5.1738e-02 -2.5282e-02 3.5332e-02 MERGED
6765500 1 525 1 2 2090409.00 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200120000 20.0 0.24 0.01 2.812439e-01 29 6.1923e+04 5.6572e+04 5.2106e+04 4.8070e+04 4.2514e+04 3.5777e+04 3.1369e+04 2.3941e+04 1.7616e+04 1.2094e+04 8.2219e+03 5.1646e+03 3.0119e+03 1.7191e+03 9.3185e+02 4.6764e+02 2.3088e+02 1.0614e+02 4.7246e+01 2.0694e+01 9.0539e+00 3.9458e+00 1.7673e+00 8.0028e-01 3.7590e-01 1.6594e-01 7.7853e-02 4.6930e-03 -3.2012e-02 MERGED
6765700 1 527 1 2 2090409.06 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200120000 20.0 0.24 0.01 2.734019e-01 29 6.2590e+04 5.7240e+04 5.2690e+04 4.8606e+04 4.2960e+04 3.6136e+04 3.0743e+04 2.2214e+04 1.5556e+04 1.0168e+04 6.6379e+03 4.0018e+03 2.2504e+03 1.2532e+03 6.6307e+02 3.4228e+02 1.7485e+02 8.7270e+01 4.2565e+01 2.0452e+01 9.9079e+00 4.6266e+00 2.1042e+00 1.0608e+00 5.1557e-01 2.6054e-01 1.6708e-01 1.5354e-01 1.4211e-01 MERGED
6765900 1 529 1 2 2090409.26 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200120000 20.0 0.24 0.01 2.967427e-01 29 5.1567e+04 4.7344e+04 4.3894e+04 4.0790e+04 3.6441e+04 3.1022e+04 2.7373e+04 2.1088e+04 1.5594e+04 1.0716e+04 7.2598e+03 4.5204e+03 2.5981e+03 1.4580e+03 7.6249e+02 3.8515e+02 1.8885e+02 8.9787e+01 4.1852e+01 1.9619e+01 9.2967e+00 4.4344e+00 2.1393e+00 1.0293e+00 4.9730e-01 2.2425e-01 9.4386e-02 5.1969e-02 4.9746e-02 MERGED
6766100 1 532 1 2 2090409.41 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200120100 20.0 0.24 0.01 2.893992e-01 29 6.6816e+04 5.9822e+04 5.4525e+04 5.0192e+04 4.4727e+04 3.8360e+04 3.4199e+04 2.7065e+04 2.0542e+04 1.4567e+04 1.0146e+04 6.5011e+03 3.8400e+03 2.2040e+03 1.1971e+03 6.0182e+02 3.0107e+02 1.4199e+02 6.6324e+01 3.1316e+01 1.5155e+01 7.4688e+00 3.7991e+00 1.9389e+00 1.0166e+00 5.4987e-01 3.1606e-01 1.9028e-01 1.5529e-01 MERGED
6766300 1 534 1 2 2090410.03 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200120100 20.0 0.24 0.01 2.966124e-01 29 7.1497e+04 6.4015e+04 5.8354e+04 5.3744e+04 4.7923e+04 4.1145e+04 3.6777e+04 2.9145e+04 2.2170e+04 1.5745e+04 1.1007e+04 7.0707e+03 4.1858e+03 2.4007e+03 1.3055e+03 6.5707e+02 3.2870e+02 1.5514e+02 7.2445e+01 3.4208e+01 1.6577e+01 8.1539e+00 4.0338e+00 2.0738e+00 1.1078e+00 5.9911e-01 3.4444e-01 2.0738e-01 1.6928e-01 MERGED
6766500 1 545 1 2 2090410.22 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200120100 20.0 0.24 0.01 2.986957e-01 29 7.4092e+04 6.5364e+04 5.8594e+04 5.3044e+04 4.6254e+04 3.8774e+04 3.4203e+04 2.6680e+04 2.0234e+04 1.4408e+04 1.0122e+04 6.5768e+03 3.9720e+03 2.3558e+03 1.3464e+03 7.3167e+02 4.0703e+02 2.2155e+02 1.1883e+02 6.3965e+01 3.4028e+01 1.7584e+01 8.9972e+00 4.5128e+00 2.2281e+00 1.1032e+00 5.7867e-01 3.2125e-01 1.9709e-01 MERGED
6766700 1 547 1 2 2090410.36 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200120100 20.0 0.24 0.01 2.758487e-01 29 6.4460e+04 5.5777e+04 4.9398e+04 4.4388e+04 3.8533e+04 3.2336e+04 2.8690e+04 2.2871e+04 1.8048e+04 1.3718e+04 1.0430e+04 7.5260e+03 5.1466e+03 3.4538e+03 2.2236e+03 1.3608e+03 8.0869e+02 4.6318e+02 2.5475e+02 1.3518e+02 6.9968e+01 3.4706e+01 1.6973e+01 8.1488e+00 3.8856e+00 1.9032e+00 9.8568e-01 5.4190e-01 3.2190e-01 MERGED
6766900 1 549 1 2 2090411.03 Rb 4.166667 18.000 31250.000 1.0 256 C:\DATA\C00BER 01100110027200120000 20.0 0.24 0.01 2.897539e-01 29 6.7975e+04 6.0744e+04 5.4726e+04 4.9736e+04 4.3227e+04 3.6254e+04 3.2172e+04 2.5654e+04 2.0252e+04 1.5499e+04 1.1499e+04 8.3045e+03 5.9477e+03 4.2002e+03 2.9139e+03 1.9499e+03 1.3004e+03 8.4977e+02 5.4997e+02 3.5201e+02 2.2225e+02 1.3761e+02 8.3288e+01 4.9255e+01 2.8552e+01 1.6701e+01 9.6477e+00 5.5107e+00 3.1406e+00 1.7911e+00 1.0211e+00 5.8211e-01 3.3196e-01 1.8931e-01 1.0794e-01 6.1552e-02 3.5092e-02 2.0010e-02 1.1408e-02 6.5035e-03 3.7072e-03 2.1132e-03 1.2045e-03 6.8657e-04 3.9140e-04 2.2309e-04 1.2717e-04 7.2493e-05 4.1320e-05 2.3556e-05 1.3427e-05 7.6553e-06 4.3639e-06 2.4882e-06 1.4185e-06 8.0870e-07 4.6110e-07 2.6287e-07 1.4990e-07 8.5477e-08 4.8732e-08 2.7784e-08 1.5841e-08 9.0317e-09 5.1490e-09 2.9357e-09 1.6736e-09 9.5402e-10 5.4385e-10 3.1000e-10 1.7673e-10 1.0076e-10 5.7443e-11 3.2744e-11 1.8667e-11 1.0642e-11 6.0668e-12 3.4584e-12 1.9715e-12 1.1240e-12 6.4076e-13 3.6527e-13 2.0822e-13 1.1870e-13 6.7665e-14 3.8576e-14 2.1990e-14 1.2536e-14 7.1466e-15 4.0742e-15 2.3226e-15 1.3242e-15 7.5495e-16 4.3044e-16 2.4541e-16 1.3991e-16 7.9777e-17 4.5486e-17 2.5931e-17 1.4784e-17 8.4280e-18 4.8052e-18 2.7396e-18 1.5617e-18 8.9031e-19 5.0757e-19 2.8935e-19 1.6495e-19 9.4016e-20 5.3595e-20 3.0548e-20 1.7414e-20 9.9259e-21 5.6577e-21 3.2247e-21 1.8380e-21 1.0476e-21 5.9710e-22 3.4031e-22 1.9394e-22 1.1054e-22 6.2999e-23 3.5910e-23 2.0467e-23 1.1665e-23 6.6490e-24 3.7890e-24 2.1593e-24 1.2307e-24 7.0138e-25 3.9969e-25 2.2778e-25 1.2980e-25 7.3966e-26 4.2150e-26 2.4021e-26 1.3688e-26 7.8000e-27 4.4448e-27 2.5329e-27 1.4435e-27 8.2246e-28 4.6866e-28 2.6705e-28 1.5218e-28 8.6717e-29 4.9410e-29 2.8154e-29 1.6043e-29 9.1420e-30 5.2097e-30 2.9683e-30 1.6913e-30 9.6370e-31 5.4913e-31 3.1285e-31 1.7825e-31 1.0156e-31 5.7862e-32 3.2963e-32 1.8780e-32 1.0699e-32 6.0948e-33 3.4721e-33 1.9780e-33 1.1268e-33 6.4189e-34 3.6568e-34 2.0831e-34 1.1868e-34 6.7611e-35 3.8516e-35 2.1939e-35 1.2498e-35 7.1202e-36 4.0556e-36 2.3102e-36 1.3159e-36 7.4958e-37 4.2698e-37 2.4319e-37 1.3853e-37 7.8916e-38 4.4947e-38 2.5602e-38 1.4581e-38 8.3057e-39 4.7307e-39 2.6945e-39 1.5346e-39 8.7402e-40 4.9784e-40 2.8356e-40 1.6150e-40 9.1978e-41 5.2387e-41 2.9838e-41 1.6994e-41 9.6779e-42 5.5120e-42 3.1396e-42 1.7882e-42 1.0184e-42 5.8000e-43 3.3034e-43 1.8815e-43 1.0715e-43 6.1025e-44 3.4757e-44 1.9795e-44 1.1273e-44 6.4198e-45 3.6562e-45 2.0820e-45 1.1857e-45 6.7520e-46 3.8451e-46 2.1897e-46 1.2469e-46 7.1010e-47 4.0437e-47 2.3029e-47 1.3113e-47 7.4677e-48 4.2531e-48 2.4219e-48 1.3791e-48 7.8540e-49 4.4728e-49 2.5470e-49 1.4503e-49 8.2589e-50 4.7032e-50 2.6786e-50 1.5253e-50 8.6858e-51 4.9464e-51 2.8167e-51 1.6037e-51 9.1324e-52 5.2008e-52 2.9614e-52 1.6863e-52 9.6027e-53 5.4677e-53 3.1136e-53 1.7732e-53 1.0096e-53 5.7493e-54 3.2736e-54 1.8639e-54 1.0613e-54 6.0436e-55 3.4415e-55 1.9597e-55 1.1158e-55 6.3529e-56 3.6173e-56 2.0597e-56 1.1728e-56 6.6777e-57 3.8021e-57 2.1650e-57 1.2328e-57 7.0189e-58 3.9966e-58 2.2759e-58 1.2958e-58 7.3781e-59 4.2013e-59 2.3920e-59 1.3620e-59 7.7547e-60 4.4151e-60 2.5140e-60 1.4314e-60 8.1501e-61 4.6402e-61 2.6420e-61 1.5041e-61 8.5638e-62 4.8750e-62 2.7756e-62 1.5803e-62 8.9966e-63 5.1220e-63 2.9161e-63 1.6602e-63 9.4509e-64 5.3801e-64 3.0631e-64 1.7438e-64 9.9272e-65 5.6509e-65 3.2173e-65 1.8318e-65 1.0427e-65 5.9360e-66 3.3794e-66 1.9240e-66 1.0953e-66 6.2353e-67 3.5500e-67 2.0211e-67 1.1505e-67 6.5495e-68 3.7285e-68 2.1226e-68 1.2084e-68 6.8789e-69 3.9162e-69 2.2296e-69 1.2693e-69 7.2262e-70 4.1145e-70 2.3426e-70 1.3336e-70 7.5929e-71 4.3228e-71 2.4611e-71 1.4010e-71 7.9760e-72 4.5410e-72 2.5852e-72 1.4719e-72 8.3801e-73 4.7713e-73 2.7161e-73 1.5464e-73 8.8042e-74 5.0123e-74 2.8537e-74 1.6246e-74 9.2486e-75 5.2655e-75 2.9977e-75 1.7065e-75 9.7161e-76 5.5317e-76 3.1496e-76 1.7931e-76 1.0209e-76 5.8128e-77 3.3094e-77 1.8841e-77 1.0726e-77 6.1062e-78 3.4764e-78 1.9791e-78 1.1267e-78 6.4147e-79 3.6522e-79 2.0794e-79 1.1839e-79 6.7404e-80 3.8378e-80 2.1849e-80 1.2439e-80 7.0824e-81 4.0325e-81 2.2958e-81 1.3072e-81 7.4432e-82 4.2372e-82 2.4126e-82 1.3737e-82 7.8208e-83 4.4527e-83 2.5351e-83 1.4433e-83 8.2170e-84 4.6786e-84 2.6637e-84 1.5166e-84 8.6346e-85 4.9157e-85 2.7990e-85 1.5936e-85 9.0737e-86 5.1659e-86 2.9410e-86 1.6746e-86 9.5337e-87 5.4281e-87 3.0907e-87 1.7597e-87 1.0019e-87 5.7048e-88 3.2477e-88 1.8490e-88 1.0526e-88 5.9931e-89 3.4123e-89 1.9428e-89 1.1061e-89 6.2972e-90 3.5852e-90 2.0413e-90 1.1622e-90 6.6170e-91 3.7673e-91 2.1448e-91 1.2211e-91 6.9521e-92 3.9581e-92 2.2536e-92 1.2830e-92 7.3048e-93 4.1591e-93 2.3680e-93 1.3482e-93 7.6760e-94 4.3701e-94 2.4882e-94 1.4167e-94 8.0658e-95 4.5929e-95 2.6151e-95 1.4890e-95 8.4781e-96 4.8272e-96 2.7484e-96 1.5648e-96 8.9094e-97 5.0730e-97 2.8885e-97 1.6447e-97 9.3648e-98 5.3319e-98 3.0361e-98 1.7287e-98 9.8434e-99 5.6048e-99 3.1913e-99 1.8170e-99 1.0346e-99 5.8907e-100 3.3539e-100 1.9097e-100 1.0873e-100 6.1907e-101 3.5249e-101 2.0069e-101 1.1426e-101 6.5054e-102 3.7036e-102 2.1089e-102 1.2007e-102 6.8362e-103 3.8924e-103 2.2162e-103 1.2617e-103 7.1841e-104 4.0907e-104 2.3290e-104 1.3259e-104 7.5493e-105 4.2984e-105 2.4476e-105 1.3935e-105 7.9345e-106 4.5178e-106 2.5724e-106 1.4648e-106 8.3409e-107 4.7496e-107 2.7044e-107 1.5397e-107 8.7664e-108 4.9918e-108 2.8424e-108 1.6182e-108 9.2137e-109 5.2464e-109 2.9873e-109 1.7010e-109 9.6841e-110 5.5145e-110 3.1400e-110 1.7878e-110 1.0180e-110 5.7961e-111 3.3000e-111 1.8790e-111 1.0699e-111 6.0918e-112 3.4685e-112 1.9749e-112 1.1246e-112 6.4033e-113 3.6460e-113 2.0759e-113 1.1820e-113 6.7301e-114 3.8319e-114 2.1819e-114 1.2424e-114 7.0739e-115 4.0276e-115 2.2934e-115 1.3059e-115 7.4353e-116 4.2336e-116 2.4107e-116 1.3726e-116 7.8151e-117 4.4501e-117 2.5337e-117 1.4428e-117 8.2147e-118 4.6777e-118 2.6636e-118 1.5167e-118 8.6356e-119 4.9170e-119 2.8000e-119 1.5943e-119 9.0781e-120 5.1690e-120 2.9434e-120 1.6759e-120 9.5424e-121 5.4334e-121 3.0938e-121 1.7617e-121 1.0031e-121 5.7120e-122 3.2523e-122 1.8520e-122 1.0545e-122 6.0041e-123 3.4189e-123 1.9469e-123 1.1085e-123 6.3123e-124 3.5942e-124 2.0467e-124 1.1654e-124 6.6362e-125 3.7788e-125 2.1518e-125 1.2253e-125 6.9777e-126 3.9737e-126 2.2631e-126 1.2887e-126 7.3398e-127 4.1804e-127 2.3807e-127 1.3555e-127 7.7196e-128 4.3963e-128 2.5036e-128 1.4255e-128 8.1183e-129 4.6240e-129 2.6331e-129 1.4994e-129 8.5403e-130 4.8637e-130 2.7696e-130 1.5772e-130 8.9824e-131 5.1150e-131 2.9131e-131 1.6588e-131 9.4461e-132 5.3790e-132 3.0631e-132 1.7442e-132 9.9328e-133 5.6569e-133 3.2211e-133 1.8343e-133 1.0446e-133 5.9486e-134 3.3873e-134 1.9287e-134 1.0983e-134 6.2540e-135 3.5614e-135 2.0280e-135 1.1548e-135 6.5756e-136 3.7445e-136 2.1320e-136 1.2142e-136 6.9138e-137 3.9365e-137 2.2413e-137 1.2762e-137 7.2662e-138 4.1376e-138 2.3561e-138 1.3416e-138 7.6392e-139 4.3500e-139 2.4768e-139 1.4104e-139 8.0309e-140 4.5729e-140 2.6037e-140 1.4827e-140 8.4423e-141 4.8076e-141 2.7376e-141 1.5588e-141 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6.8131e-284 3.8795e-284 2.2089e-284 1.2577e-284 7.1611e-285 4.0775e-285 2.3216e-285 1.3217e-285 7.5253e-286 4.2846e-286 2.4397e-286 1.3890e-286 7.9081e-287 4.5027e-287 2.5638e-287 1.4597e-287 8.3107e-288 4.7324e-288 2.6945e-288 1.5341e-288 8.7339e-289 4.9730e-289 2.8312e-289 1.6119e-289 9.1787e-290 5.2260e-290 2.9756e-290 1.6941e-290 9.6457e-291 5.4926e-291 3.1272e-291 1.7805e-291 1.0137e-291 5.7720e-292 3.2864e-292 1.8711e-292 1.0653e-292 6.0655e-293 3.4539e-293 1.9663e-293 1.1195e-293 6.3746e-294 3.6296e-294 2.0664e-294 1.1765e-294 6.6988e-295 3.8144e-295 2.1717e-295 1.2365e-295 7.0407e-296 4.0083e-296 2.2820e-296 1.2992e-296 7.3966e-297 4.2112e-297 2.3976e-297 1.3652e-297 7.7729e-298 4.4255e-298 2.5196e-298 1.4345e-298 8.1676e-299 4.6501e-299 2.6480e-299 1.5078e-299 8.5857e-300 4.8882e-300 2.7829e-300 1.5846e-300 9.0232e-301 5.1378e-301 2.9253e-301 1.6656e-301 9.4841e-302 5.4006e-302 3.0750e-302 1.7509e-302 9.9702e-303 5.6770e-303 3.2324e-303 1.8402e-303 1.0479e-303 5.9663e-304 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SMARTem V TEM data file - created Wed Sep 11 09:09:27 2002 ** GAINS MERGED**
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SUN LOOP RDNG ADC C NADC TIME OPERATOR FREQ CURR SAMP_RATE GAIN NSTACKS DIR FLAGS SFTHRES RAMP DELAY NOISE NCH CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 CH17 CH18 CH19 CH20 CH21 CH22 CH23 CH24 CH25 CH26 CH27 CH28 CH29 CH30 CH31 CH32 CH33 COMMENT
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6774000 1 894 1 Z 2 20912212.44 Rb 2.083333 18.000 31250.000 1.0 128 C:\ATA\COOBER 01100110027200120000 20.0 0.24 0.01 2.900243e-01 33 8.4368e+04 7.2981e+04 6.3747e+04 5.6146e+04 4.7270e+04 3.8294e+04 3.3413e+04 2.6208e+04 2.0854e+04 1.6378e+04 1.3056e+04 1.0058e+04 7.4624e+03 5.4780e+03 3.9179e+03 2.7161e+03 1.8682e+03 1.2438e+03 7.9714e+02 4.9991e+02 3.0360e+02 1.7562e+02 9.9372e+01 5.4329e+01 2.8851e+01 1.5012e+01 7.6520e+00 3.8770e+00 1.9050e+00 9.8513e-01 5.3903e-01 3.0089e-01 1.8198e-01 MERGED
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Line 474100
distance, depth, conduct(mS/m), time(ms), east, north, count, midpointE, midpointN
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6776000.00 -48.8281403 611.308899 0.4545300Я1 4741OO.OOO 6776000.00 26 4741OO.OOO 6776000.00
6776000.00 -48.1305237 273.522400 0.3661200Я1 4741OO.OOO 6776000.00 26 4741OO.OOO 6776000.00
6776000.00 -47.7773438 347.058472 0.2949100Я4 4741OO.OOO 6776000.00 26 4741OO.OOO 6776000.00
6776000.00 -10.6760616 326.765259 0.2375400Я7 4741OO.OOO 6776000.00 26 4741OO.OOO 6776000.00
6776000.00 -10.5075464 715.882813 0.1913399Я9 4741OO.OOO 6776000.00 26 4741OO.OOO 6776000.00
6776000.00 -10.0778399 638.141663 0.1541199Я8 4741OO.OOO 6776000.00 26 4741OO.OOO 6776000.00
6776000.00 -9.5221386О 444.942566 0.1241500Я1 4741OO.OOO 6776000.00 26 4741OO.OOO 6776000.00
6776400.00 -9.8773727Я 626.282288 0.1541199Я8 4741OO.OOO 6776400.00 26 4741OO.OOO 6776400.00
6776400.00 -9.2761888Я 467.959808 0.1241500Я1 4741OO.OOO 6776400.00 26 4741OO.OOO 6776400.00
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6776200.00 -397.5720З3 -3.0262513З 22.3069897 4741OO.OOO 6776200.00 26 4741OO.OOO 6776200.00
6776200.00 -316.7950Я4 7.4666231З 17.9681396 4741OO.OOO 6776200.00 26 4741OO.OOO 6776200.00
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6776200.00 -178.4354Я10 51.9169960 9.3905096З 4741OO.OOO 6776200.00 26 4741OO.OOO 6776200.00
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6776200.00 -130.1517Я94 94.5046768 6.0927500З 4741OO.OOO 6776200.00 26 4741OO.OOO 6776200.00
6776200.00 -112.4932З25 121.631226 4.9076700З 4741OO.OOO 6776200.00 26 4741OO.OOO 6776200.00
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6776200.00 -47.3005333 315.153625 0.4545300Я1 4741OO.OOO 6776200.00 26 4741OO.OOO 6776200.00
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6776200.00 -10.5132818 1058.75549 0.2375400Я7 4741OO.OOO 6776200.00 26 4741OO.OOO 6776200.00
6776200.00 -10.2375546 803.507751 0.1913399Я9 4741OO.OOO 6776200.00 26 4741OO.OOO 6776200.00
6776200.00 -9.7812423З 644.546326 0.1541199Я8 4741OO.OOO 6776200.00 26 4741OO.OOO 6776200.00
6776000.00 -9.2105054Я 474.510376 0.1241500Я1 4741OO.OOO 6776000.00 26 4741OO.OOO 6776000.00
6776000.00 -487.153229 -14.2834129 27.6935692 4741OO.OOO 6776000.00 26 4741OO.OOO 6776000.00
6776000.00 -390.663300 0.7084861Я0 22.3069897 4741OO.OOO 6776000.00 26 4741OO.OOO 6776000.00
6776000.00 -317.3674Я93 12.9713030 17.9681396 4741OO.OOO 6776000.00 26 4741OO.OOO 6776000.00
6776000.00 -261.0606З8 23.6578274 14.4732199 4741OO.OOO 6776000.00 26 4741OO.OOO 6776000.00
6776000.00 -217.7349

6777200.00 -225.935608 46.1632729 14.473219 11.658096 474100.000 6777200.00 26 474100.000 6777200.00
6777200.00 -269.628204 31.861251 17.968139 474100.000 6777200.00 26 474100.000 6777200.00
6777200.00 -325.182831 16.561086 22.306989 474100.000 6777200.00 26 474100.000 6777200.00
6777200.00 -393.824493 0.1804939 27.693569 474100.000 6777200.00 26 474100.000 6777200.00
6777200.00 -9.461166 450.43283 0.1241500 474100.000 6777400.00 26 474100.000 6777400.00
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6777800.00 -51.599250 606.52948 1.0797200 474100.000 6777800.00 26 474100.000 6777800.00
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6777800.00 -57.581050 479.80600 1.6641299 474100.000 6777800.00 26 474100.000 6777800.00
6777800.00 -62.420543 436.06243 2.0659699 474100.000 6777800.00 26 474100.000 6777800.00
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6777600.00 -70.379776 379.90734 3.1842000 474100.000 6777600.00 26 474100.000 6777600.00
6777600.00 -78.480056 335.17434 3.9530999 474100.000 6777600.00 26 474100.000 6777600.00
6777600.00 -87.684829 288.25314 4.9076700 474100.000 6777600.00 26 474100.000 6777600.00
6777600.00 -98.687103 239.48394 6.0927500 474100.000 6777600.00 26 474100.000 6777600.00
6777600.00 -113.29343 194.38256 7.5640001 474100.000 6777600.00 26 474100.000 6777600.00
6777600.00 -130.31416 152.37825 9.3905096 474100.000 6777600.00 26 474100.000 6777600.00

Line 477100
distance, depth, conduct(mS/m), time(ms), east, north, count, midpointE, midpointN
676290.00 -8.286019333 587.09790 0.12415000 1 477100.000 676290.00 29 477100.000 676290.00
676290.00 -8.937523384 698.06689 0.15411999 8 477100.000 676290.00 29 477100.000 676290.00
676290.00 -9.548511151 812.71838 4 0.19133999 477100.000 676290.00 29 477100.000 676290.00
676290.00 -10.09946444 952.63855 0 2.37540007 477100.000 676290.00 29 477100.000 676290.00
676290.00 -11.01910317 1210.06873 0 2.29491001 4 477100.000 676290.00 29 477100.000 676290.00
676290.00 -11.66070754 1748.15039 0 3.36612001 1 477100.000 676290.00 29 477100.000 676290.00
676290.00 -12.18923284 1753.98828 0 4.54530001 1 477100.000 676290.00 29 477100.000 676290.00
676290.00 -12.50169098 868.99328 6 0.56427997 4 477100.000 676290.00 29 477100.000 676290.00
676290.00 -41.26025394 461.09890 7 0.70054000 6 477100.000 676290.00 29 477100.000 676290.00
676290.00 -41.68396764 350.28875 7 0 0.86971002 8 477100.000 676290.00 29 477100.000 676290.00
676290.00 -43.16823962 900.62713 6 1.07972002 477100.000 676290.00 29 477100.000 676290.00
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676290.00 -49.05573654 483.95263 7 1.66412997 477100.000 676290.00 29 477100.000 676290.00
676290.00 -54.39219674 397.39270 0 2.06596994 477100.000 676290.00 29 477100.000 676290.00
676290.00 -60.67883304 332.23556 5 2.56485009 477100.000 676290.00 29 477100.000 676290.00
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676290.00 -107.3847661 119.33013 9 6.09275007 477100.000 676290.00 29 477100.000 676290.00
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676290.00 -186.2556004 30.480747 2 11.65808961 477100.000 676290.00 29 477100.000 676290.00
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676310.00 -133.0517124 124.29775 2 6.09275007 477100.000 676310.00 28 477100.000 676310.00
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6764300.00	-91.7848740	97.8359756	2.06596994	477100.000	6764300.00	30	477100.000	6764300.00
6764300.00	-104.217758	88.1624451	2.56485009	477100.000	6764300.00	30	477100.000	6764300.00
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6764300.00	-324.233612	31.7127762	14.4732199	477100.000	6764300.00	30	477100.000	6764300.00
6764300.00	-376.649414	30.2004871	17.9681396	477100.000	6764300.00	30	477100.000	6764300.00
6764300.00	-440.785828	31.7284241	22.3069897	477100.000	6764300.00	30	477100.000	6764300.00
6764300.00	-498.414429	34.8864403	27.6935692	477100.000	6764300.00	30	477100.000	6764300.00
6764300.00	-573.011230	74.2475510	34.3808594	477100.000	6764300.00	30	477100.000	6764300.00
6764300.00	-642.271057	115.214157	42.6829681	477100.000	6764300.00	30	477100.000	6764300.00
6764300.00	-645.840393	124.023026	52.9898300	477100.000	6764300.00	30	477100.000	6764300.00
6764300.00	-718.994324	63.3011971	65.7855377	477100.000	6764300.00	30	477100.000	6764300.00

Line 478400

distance, depth, conduct(mS/m), time(ms), east, north, count, midpointE, midpointN

676090.00 -10.567060S 369.252960 0.12415000l 478400.000 676090.00 20 478400.000 676090.00
676090.00 -11.854423S 408.085876 0.15411999B 478400.000 676090.00 20 478400.000 676090.00
676090.00 -12.892252S 419.961334 0.19133999B 478400.000 676090.00 20 478400.000 676090.00
676090.00 -13.359237Z 291.752136 0.23754000Y 478400.000 676090.00 20 478400.000 676090.00
676090.00 -38.711673Z 192.939728 0.86971002B 478400.000 676090.00 20 478400.000 676090.00
676090.00 -45.302505S 107.279190 1.07972002 478400.000 676090.00 20 478400.000 676090.00
676090.00 -53.164722A 141.182098 1.34044003 478400.000 676090.00 20 478400.000 676090.00
676090.00 -63.356056Z 108.024757 1.66412997 478400.000 676090.00 20 478400.000 676090.00
676090.00 -78.201492Z 79.515640S 2.06596994 478400.000 676090.00 20 478400.000 676090.00
676090.00 -91.544715Q 55.331821Q 2.56485009 478400.000 676090.00 20 478400.000 676090.00
676090.00 -110.854759 37.905304O 3.18420005 478400.000 676090.00 20 478400.000 676090.00
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Line 47800
distance, depth, conduct(mS/m), time(ms), east, north, count, midpointE, midpointN
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676410.00 -10.634318 4 489.996490 0.15411999 8 47800.000 676410.00 27 47800.000 676410.00
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676410.00 -433.54803 5 -3.9774105 5 17.968139 6 47800.000 676410.00 27 47800.000 676410.00
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Line 481000
distance, depth, conduct(mS/m), time(ms), east, north, count, midpointE, midpointN
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Line 482100
distance, depth, conduct(mS/m), time(ms), east, north, count, midpointE, midpointN
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Line 484000
distance, depth, conduct(mS/m), time(ms), east, north, count, midpointE, midpointN
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Line 495000
distance, depth, conduct(mS/m), time(ms), east, north, count, midpointE, midpointN
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Memo to: A. Brewer

Copy to: T. Kennedy.

Date: 15.5.2003

From: G. Teale

Subject: Brief petrology on samples collected by A. Brewer (various RC drillholes).

Adrian, below are the brief descriptions and comments on "low temperature" alteration for samples from CR91022 and CR93002. The sections are from composites with various different rock-types subdivided and presented as sections marked A, B, C, etc. (as discussed).

Samples CR91022B and CR91022C contain cummingtonite replacing orthopyroxene whereas CR91022D contains an unusual calcic scapolite-bearing rock-type. Weathering has created clays in many chips but no low temperature "alteration".

Sample CR93002C contains hercynite as inclusions in cordierite and also abundant graphite. The cordierite is largely replaced by clay minerals and the hercynite is most likely zinc-poor (see earlier reports).

Drillhole CR91022

CR91022A: Leucocratic. This sample is dominated by leucocratic, two-feldspar, quartz-biotite gneiss. They may be local anatectic melts and contain large (up to 0.3mm) hydrothermal zircons.

CR91022B: Five different rock-types in the section.

- Interbanded garnet-quartz ± biotite and quartz-K-feldspar-plagioclase ± biotite gneiss.

- Garnet-plagioclase-hedenbergite-ilmenite gneiss (or granulite).

- Quartz-K-feldspar-garnet-biotite gneiss.

- Retrogressed, two-pyroxene, plagioclase-biotite granulite. Orthopyroxene replaced by cummingtonite.

- Two-pyroxene, plagioclase-hornblende (-ilmenite-biotite-pyrrhotite-chalcopyrite) granulite. Trace chalcopyrite.

CR91022C: Generally retrogressed rock-types (4 chips).

- Quartz-K-feldspar-garnet-biotite-plagioclase-pyrrhotite; garnet and biotite are being replaced by chlorite and plagioclase by clay weathering products. Pyrrhotite is converting to pyrite.

- Retrogressed orthopyroxene-plagioclase-hornblende-biotite granulite. Orthopyroxene being replaced by a lower T, sub-aluminous amphibole.

- Possible silicate iron formation; quartz-orthopyroxene-garnet-magnetite rock; strong fabric.

- Retrogressed two-pyroxene, plagioclase-ilmenite-biotite-hornblende granulite. All orthopyroxene has been retrogressed to cummingtonite.

CR91022D: Four chips in the polished thin section and all are different.

- Retrogressed two-pyroxene, plagioclase-biotite-ilmenite granulite; all orthopyroxene replaced by clays.

- Quartz-rich, plagioclase-orthopyroxene-garnet-biotite-ilmenite granulite. Abundant retrograde amphiboles, including cummingtonite.

- Highly sulphidic (pyrite/pyrrhotite), weathered, retrogressed, plagioclase- quartz-biotite (-?garnet) gneiss. Abundant clays.

- Layered mafic gneiss; interbanded orthopyroxene-clinopyroxene-plagioclase-biotite granulite and hornblende-plagioclase-calcic scapolite-clinopyroxene-biotite rock.

This drillhole (CR91022) contains a wide variety of rock-types. The interbanding of two-pyroxene granulites with meta-sediments (including silicate/oxide iron formation and possible scapolitic calc-silicate), suggests that these were originally mafic volcanics or tuffs.

Drillhole CR93002

CR93002A: Leucocratic rock-types. Most of these are probably locally derived anatectic melts. Some are garnet-bearing and all have the assemblage quartz-K-feldspar-plagioclase (-garnet). Biotite is rare and no zircon or monazite were observed. Low temperature chlorite and white mica development in plagioclase is not considered significant.

CR93002B: Four rock chips.
All chips are hornblende-plagioclase-clinopyroxene-ilmenite "amphibolite". Retrograde amphiboles can replace clinopyroxene and the hornblende (along grain margins) breaks down to fine grained ilmenite-biotite ± clinopyroxene.

CR93002C: Four chips separated as being biotite-rich.

K-feldspar-biotite-quartz-garnet-cordierite (-ilmenite-graphite-hercynite) gneiss. Hercynite occurs as inclusions in cordierite (most cordierite replaced by clay minerals). Abundant graphite and no plagioclase.

Memo to: A. Brewer

Copy to: M. Webb, T. Kennedy.

Date: 24.3.2003

From: G. Teale

Subject: Diamond drillhole, DD87LR2, Coober Pedy Ridge area; comments on magnetite content and rock-types.

Adrian and Mike,

With regard to the large magnetic anomaly previously drilled by CRAE (DD87LR2) on the Coober Pedy Ridge, the following points and thin section descriptions may be of interest.

-The drillhole is similar to drillhole CD93009, also drilled on the Coober Pedy Ridge.

-The polished thin sections available have the following mineralogy:

111.1m:	Quartz-K-feldspar-cordierite-sillimanite-magnetite-titanhematite-ferrianilmenite-hercynite-corundum-hogbomite (10%-15% magnetite).
123.6m:	As above but more magnetite and cordierite-rich (10%-15% magnetite).
136.5m:	Quartz-plagioclase-magnetite-garnet-cordierite-hercynite-biotite (~10% magnetite) (crosscutting carbonate veins are present).
163.0m:	Quartz-magnetite-orthopyroxene-K-feldspar-apatite-biotite-hercynite-cordierite gneiss (~20% magnetite).
167.6m:	Quartz-plagioclase-magnetite-orthopyroxene-biotite (-garnet) gneiss (~25% magnetite).
176.3m:	Plagioclase-orthopyroxene-hornblende-quartz-titanhematite (no magnetite).
184.1m:	Quartz-garnet-magnetite (-K-feldspar) gneiss (10%-15% magnetite).

- Cordierite in the drillhole was previously misidentified as plagioclase.

- Only minor pyrrhotite was observed in one section. The metamorphics are extremely high grade, oxidised and sulphur-poor.

- Bands of magnetite-quartz-feldspar (high magnetite component) exhibit unusual textures that can also be observed in the Christie Fe-formation west of Tarcoola.

- In some areas bands of magnetite-quartz-apatite are probably original, thin banded iron formation.

G. Teale

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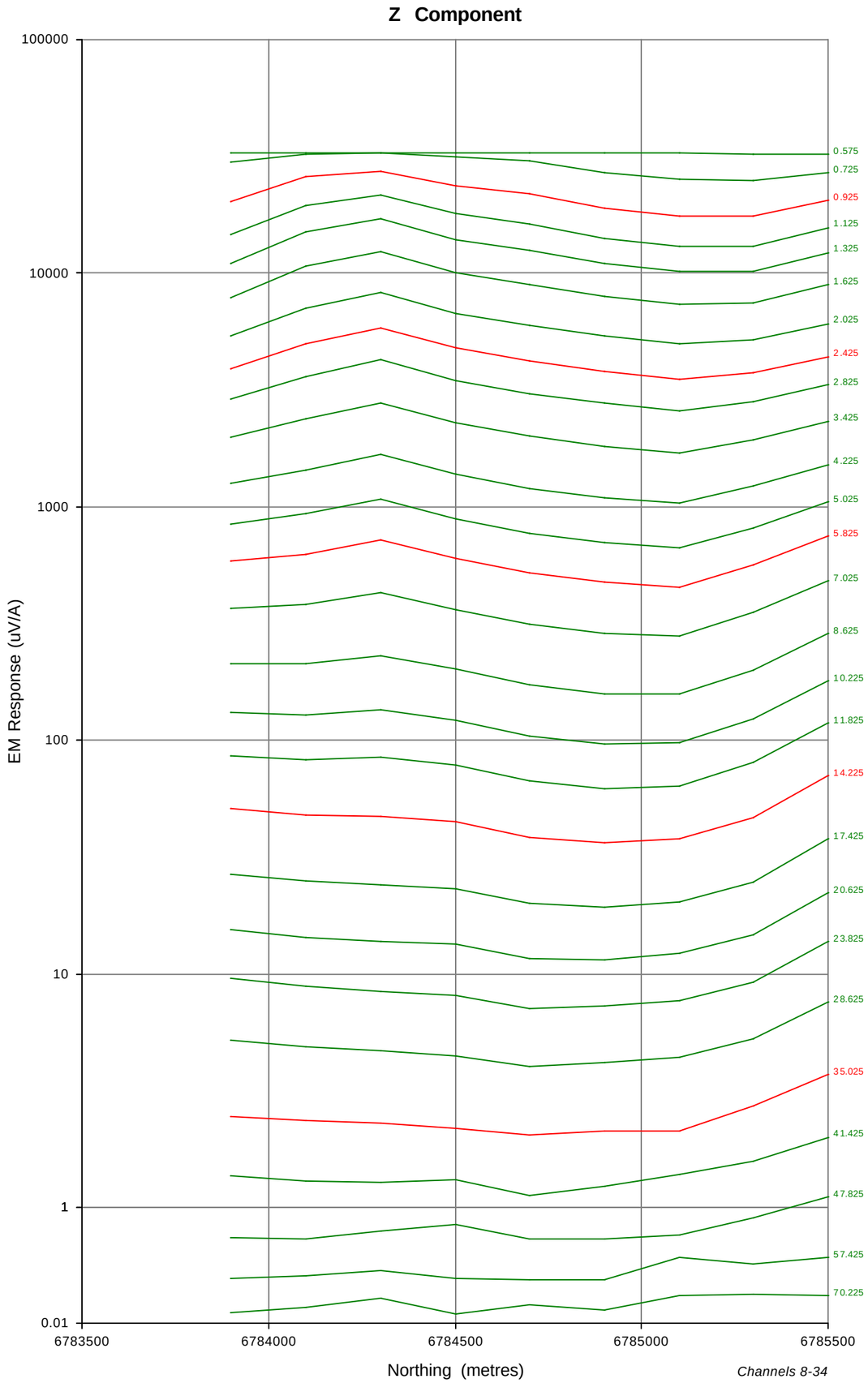


WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 200 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 Component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 40000 turn-m
Tx Current	: 1 A
Turn Off	: 0.25 ms

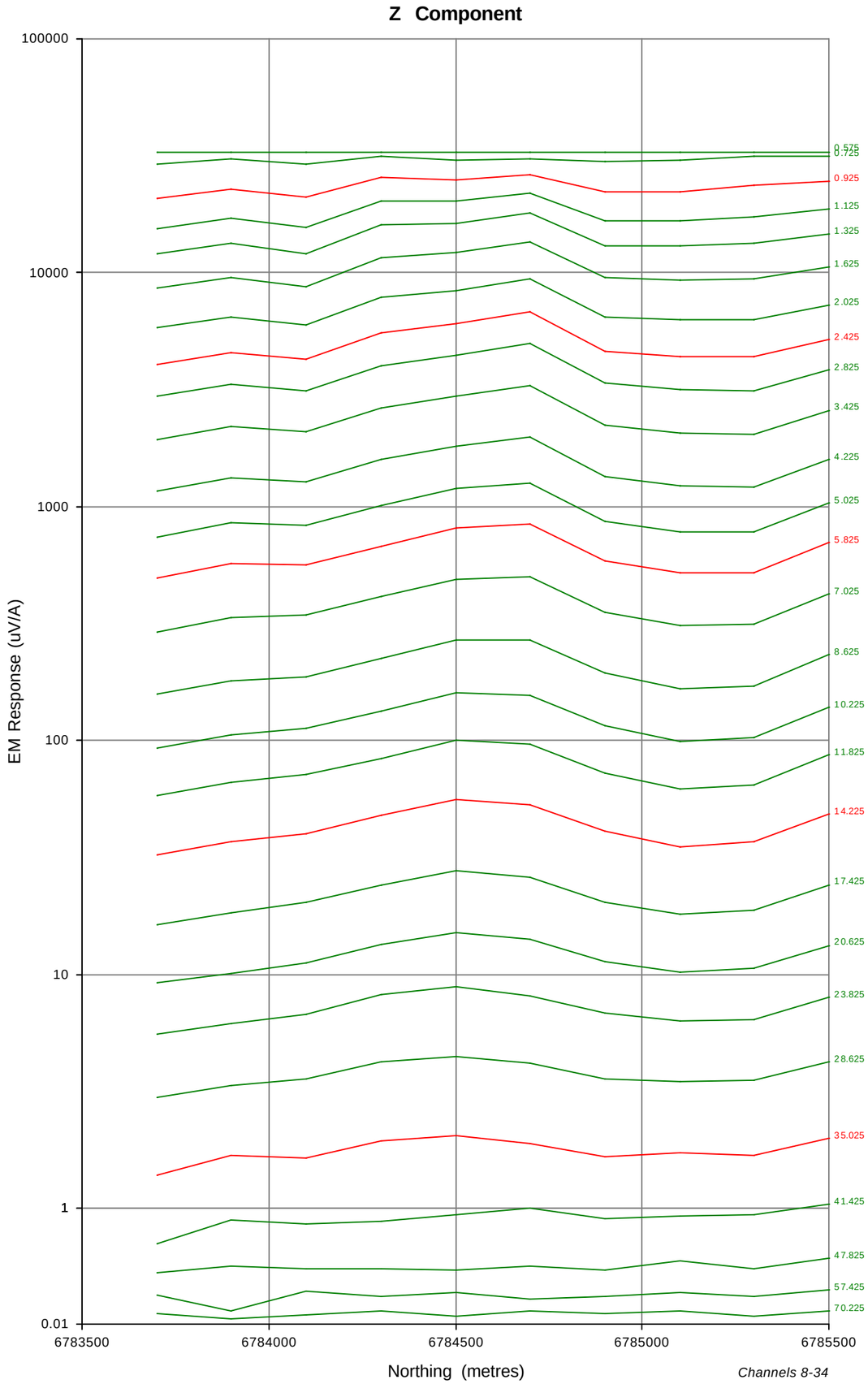
Electromagnetic Imaging Technology

Coober Pedy CP2 Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 498200

Drawn :	
Job No. :	



WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 200 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 Component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 40000 turn-m
Tx Current	: 1 A
Turn Off	: 0.25 ms

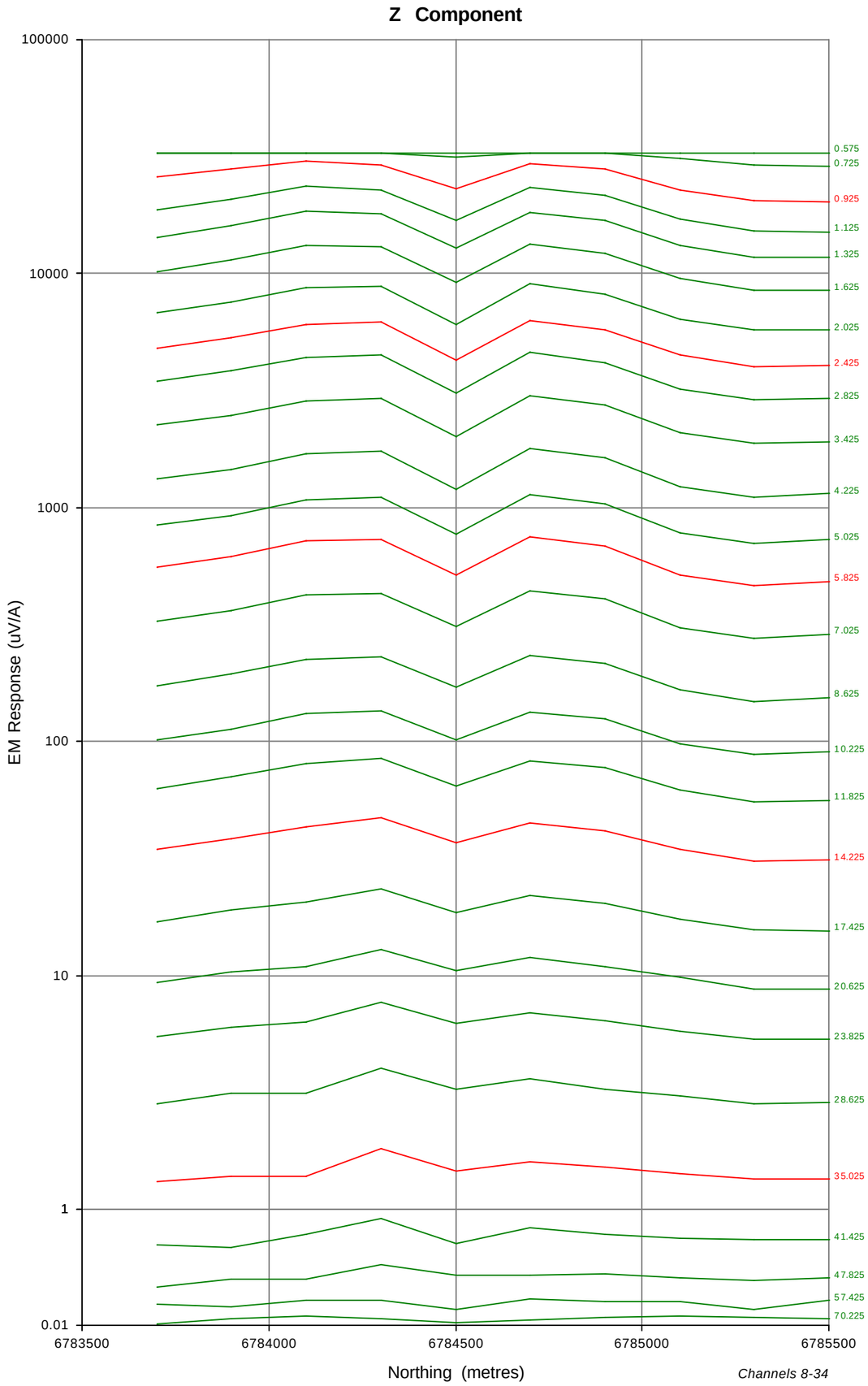
Electromagnetic Imaging Technology

Coober Pedy CP2 Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 498800

Drawn :	
Job No. :	



WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 200 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 Component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 40000 turn-m
Tx Current	: 1 A
Turn Off	: 0.25 ms

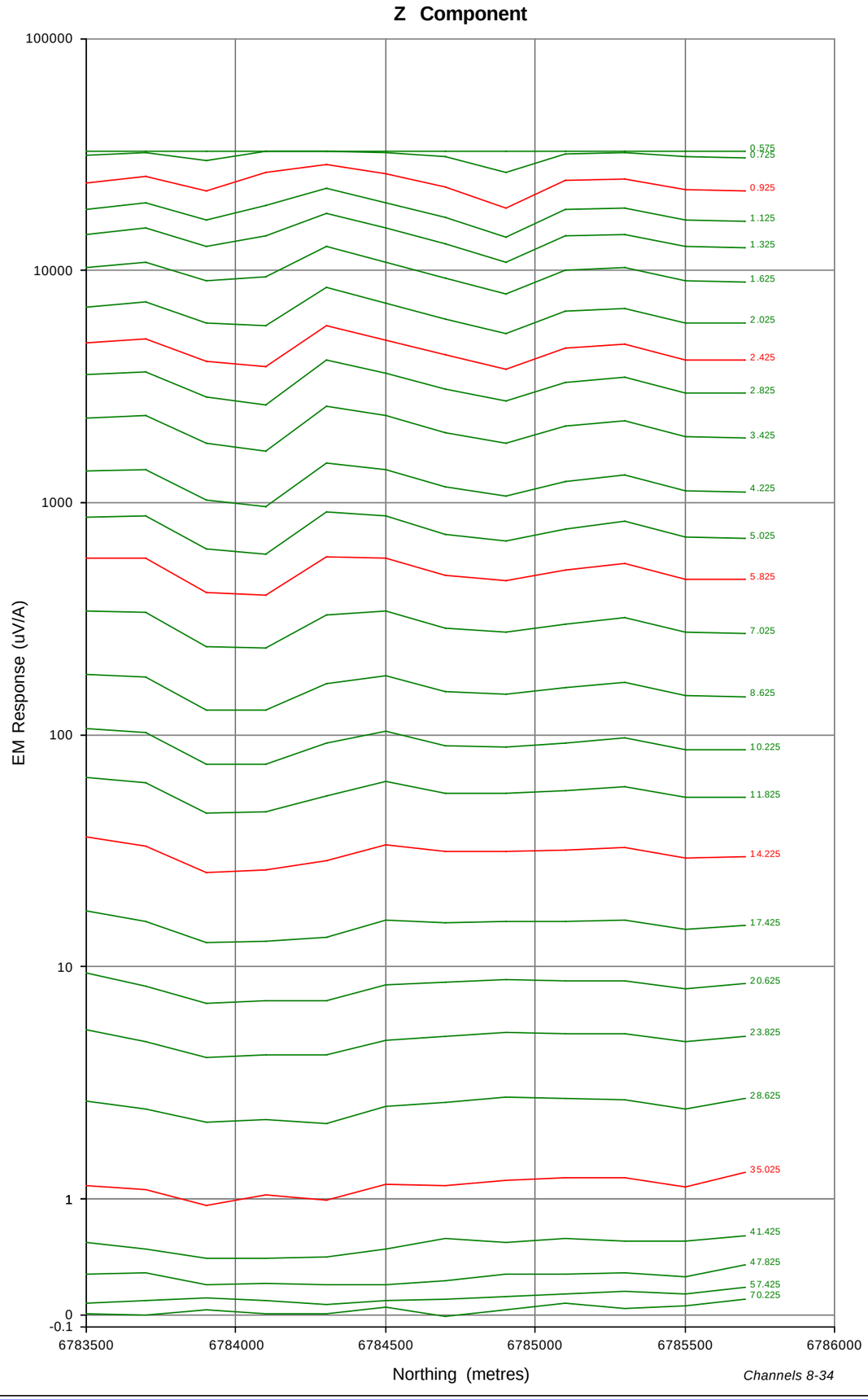
Electromagnetic Imaging Technology

Coober Pedy CP2 Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 499400

Drawn :	
Job No. :	



WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 200 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 Component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 40000 turn-m
Tx Current	: 1 A
Turn Off	: 0.25 ms

Electromagnetic Imaging Technology

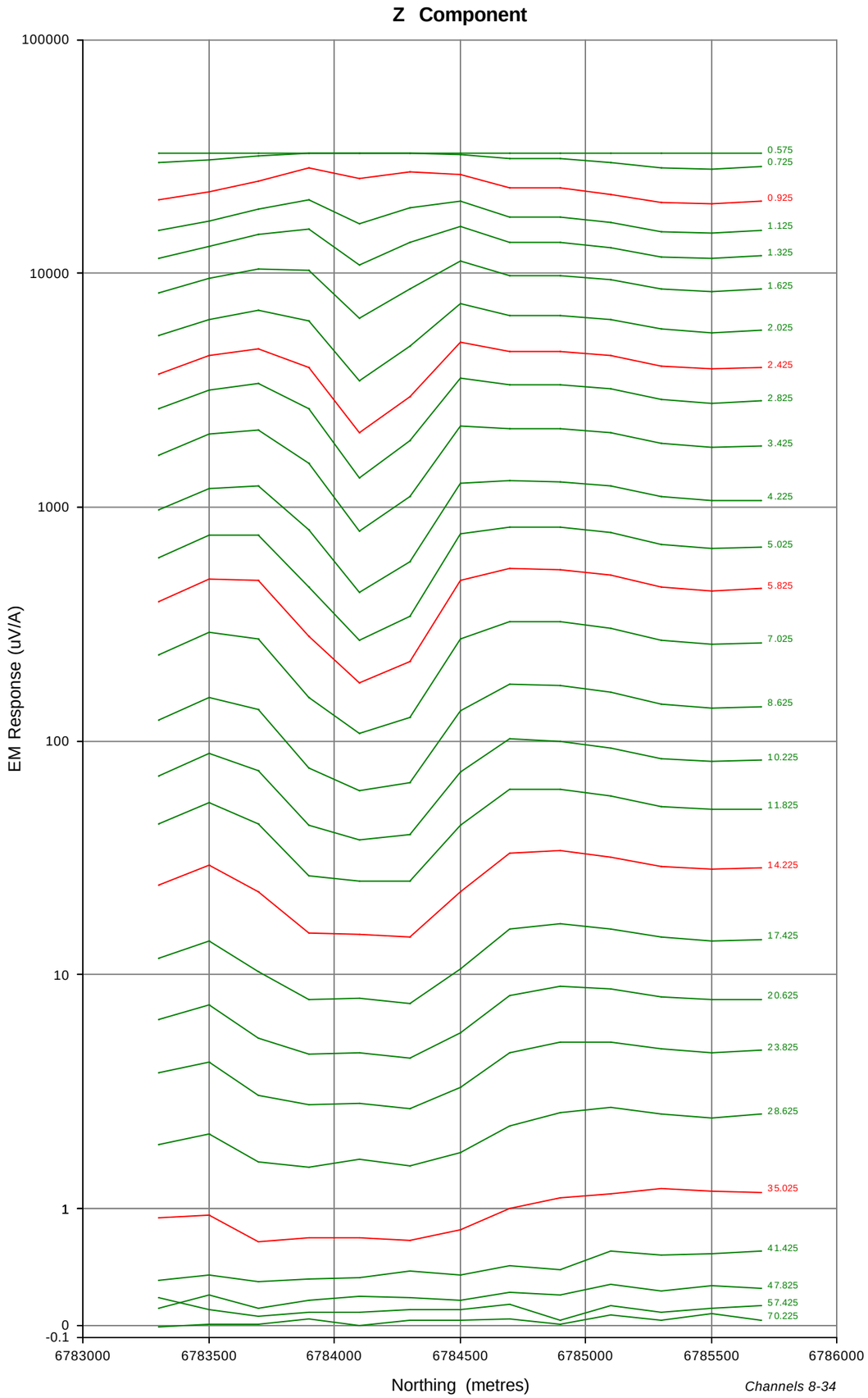
Coober Pedy CP2 Prospect

In-Loop EM Survey

PROFILES OF EM RESPONSE

Line 500000

Drawn :	
Job No. :	



WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 200 m

RECEIVER

Receiver : Sirotem MkIII
Frequency : 3.12
Component : Z
Rx Coil : RVR 3 Component
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Solo Custom
Loop : None
Tx Moment : 40000 turn-m
Tx Current : 1 A
Turn Off : 0.25 ms

Electromagnetic Imaging Technology

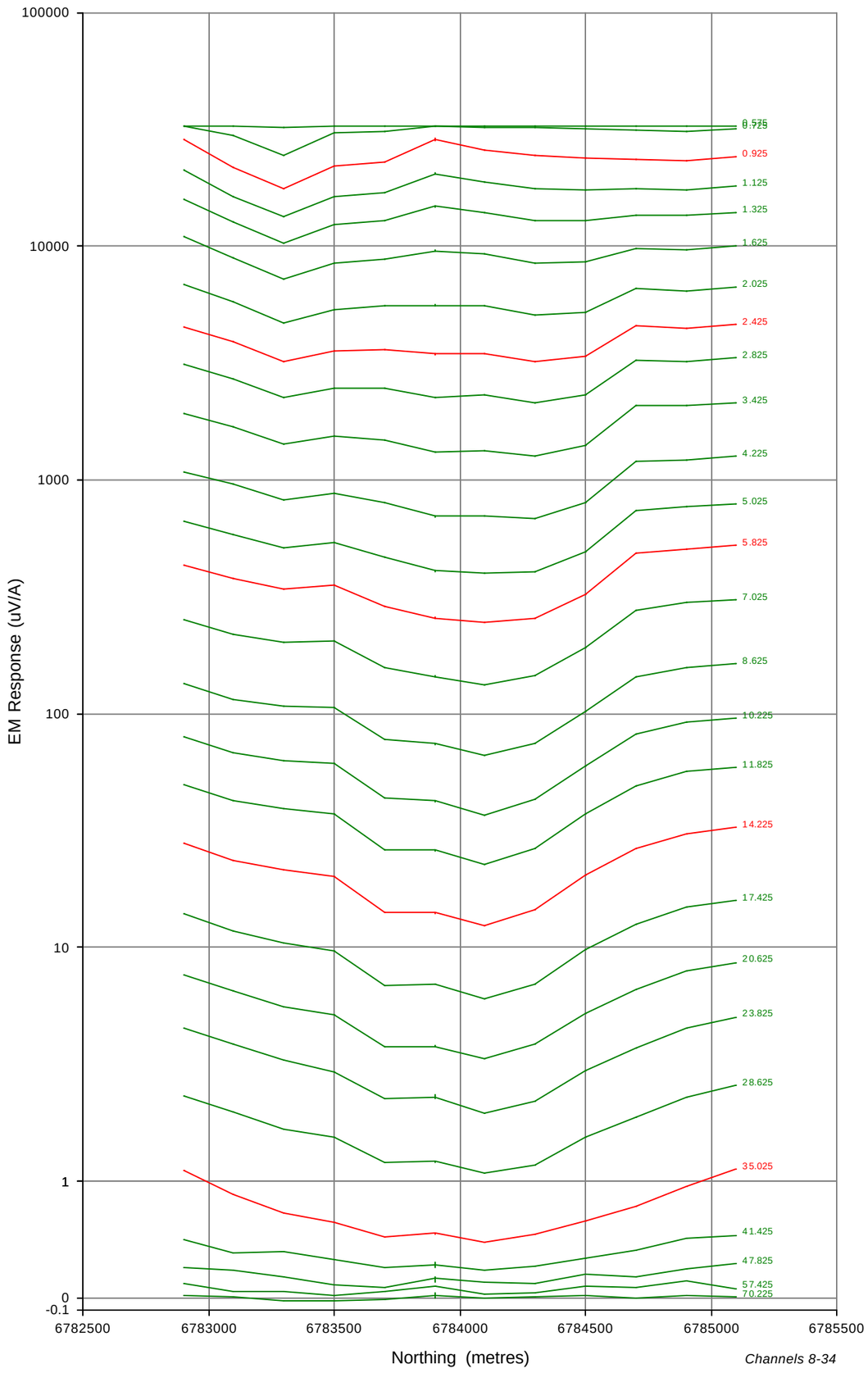
Coober Pedy CP2 Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 500600

Drawn :	
Job No. :	

Z Component



Channels 8-34

WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 200 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 Component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 40000 turn-m
Tx Current	: 1 A
Turn Off	: 0.25 ms

Electromagnetic Imaging Technology

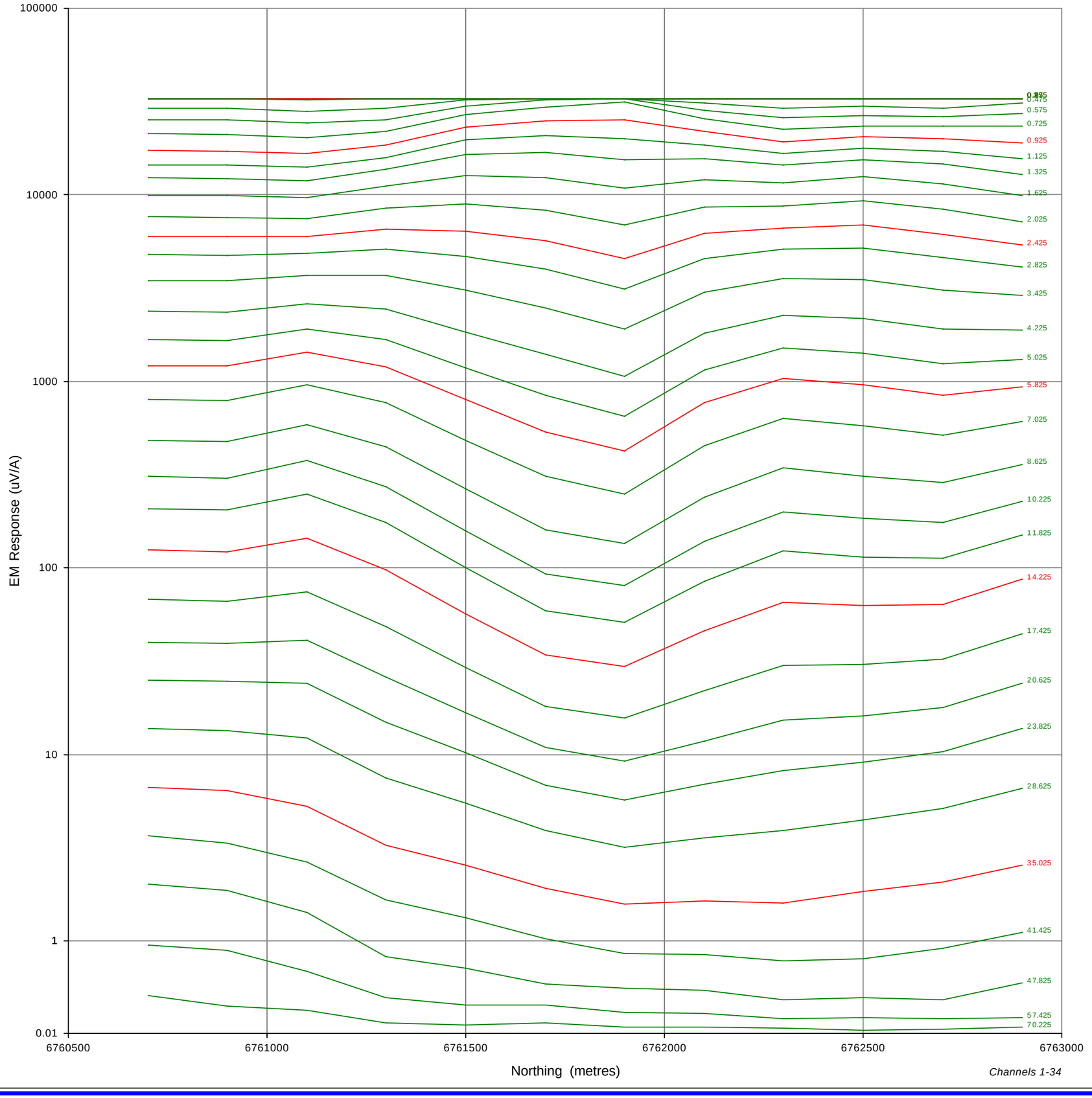
Coober Pedy CP2 Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 501200

Drawn :	
Job No. :	

Z Component



Channels 1-34

WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 200 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 40000 turn-m
Tx Current	: 1 A
Turn Off	: 0.25 ms

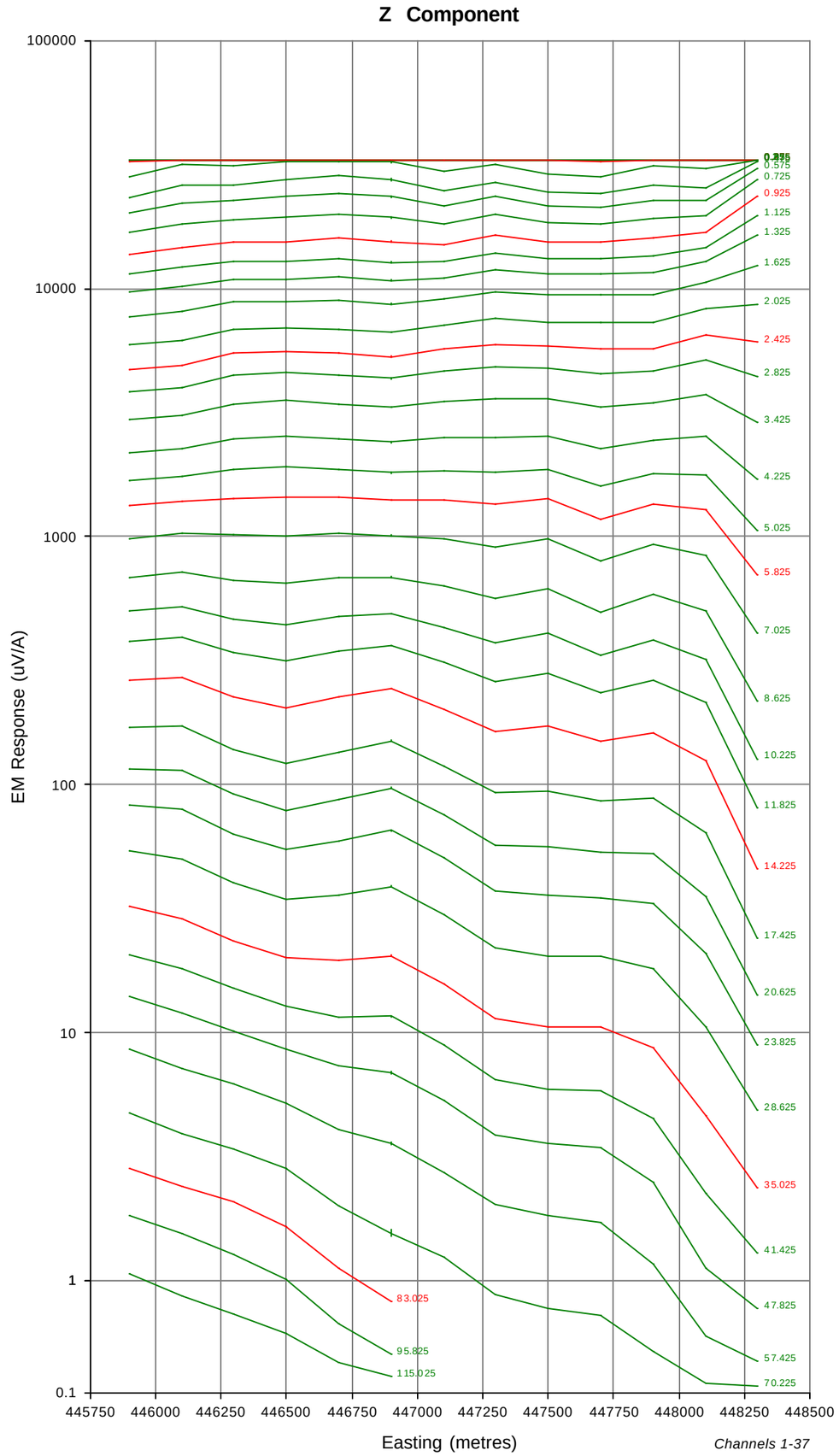
Electromagnetic Imaging Technology

Coober Pedy CP1 Prospect

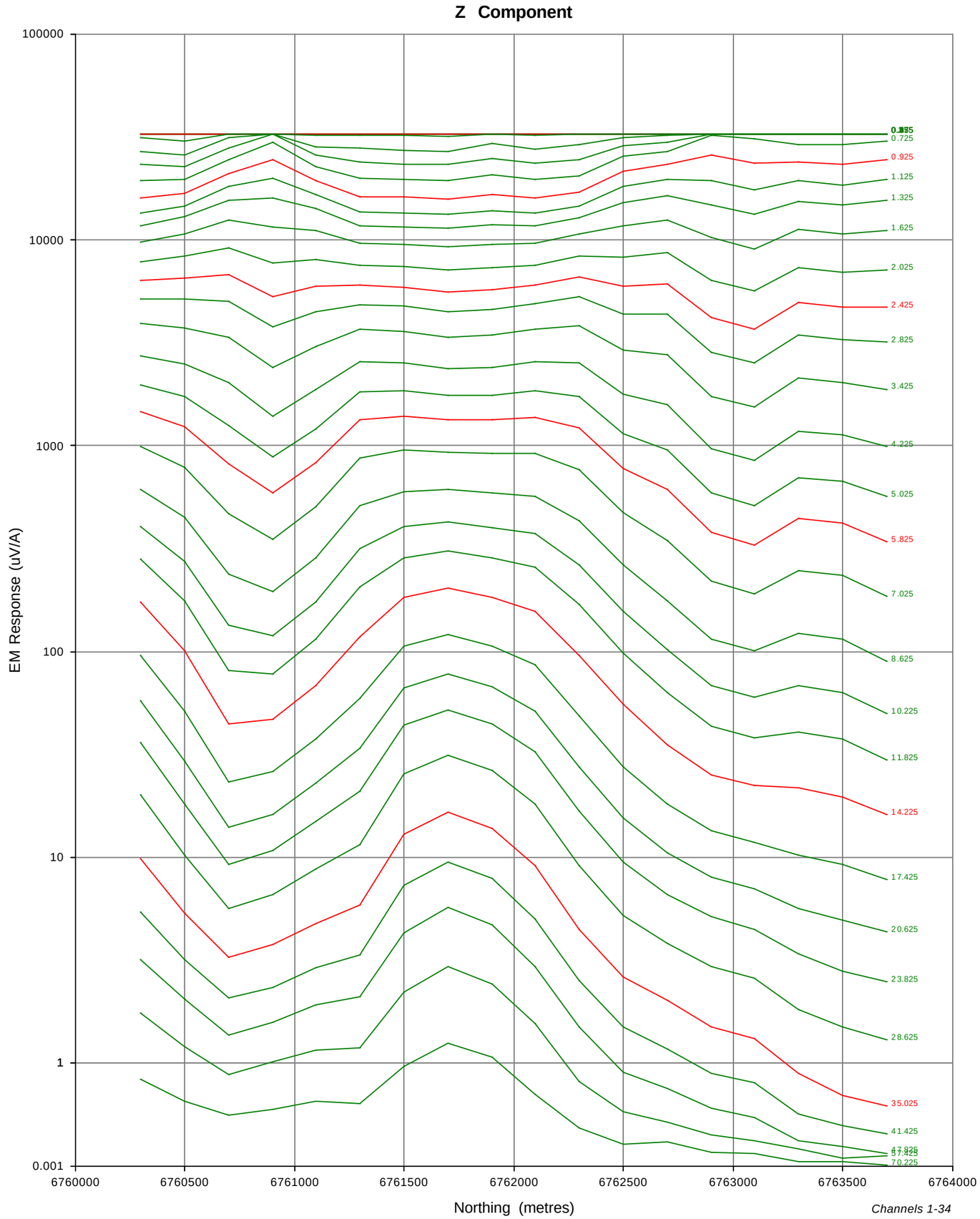
In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 448300

Drawn :	
Job No. :	



Electromagnetic Imaging Technology	
Coober Pedy CP1 Prospect In-Loop EM Survey PROFILES OF EM RESPONSE Line 6761580N	
Drawn :	
Job No. :	



WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 200 m

RECEIVER

Receiver : Sirotem MkIII
Frequency : 3.12
Component : Z
Rx Coil : RVR 3 component
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Solo Custom
Loop : None
Tx Moment : 40000 turn-m
Tx Current : 1 A
Turn Off : 0.25 ms

Electromagnetic Imaging Technology

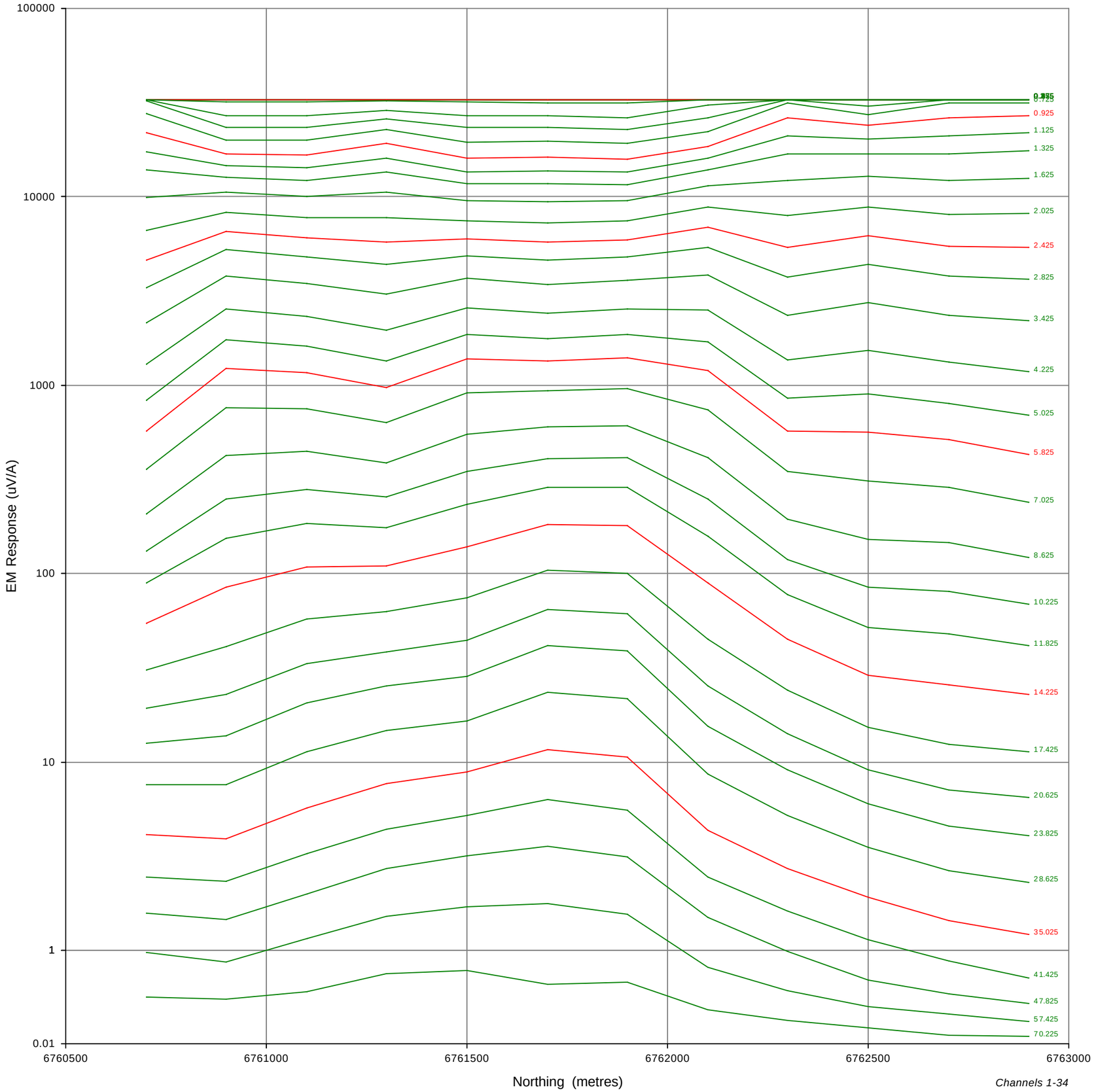
Coober Pedy CP1 Prospect

In-Loop EM Survey

PROFILES OF EM RESPONSE Line 447100

Drawn :	
Job No. :	

Z Component



Channels 1-34

WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 200 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 40000 turn-m
Tx Current	: 1 A
Turn Off	: 0.25 ms

Electromagnetic Imaging Technology

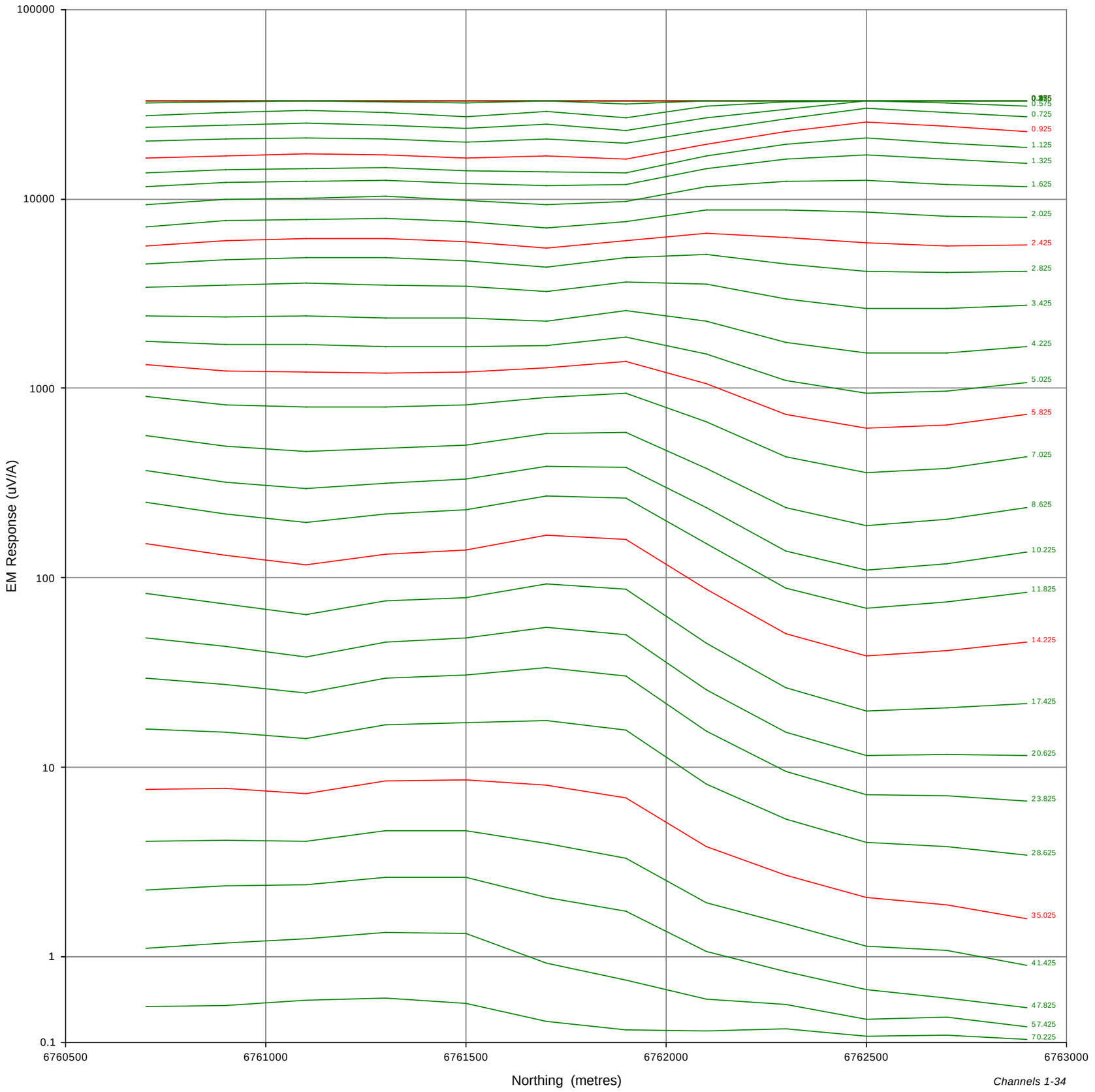
Coober Pedy CP1 Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 447500

Drawn :	
Job No. :	

Z Component



Channels 1-34

WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 200 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 40000 turn-m
Tx Current	: 1 A
Turn Off	: 0.25 ms

Electromagnetic Imaging Technology

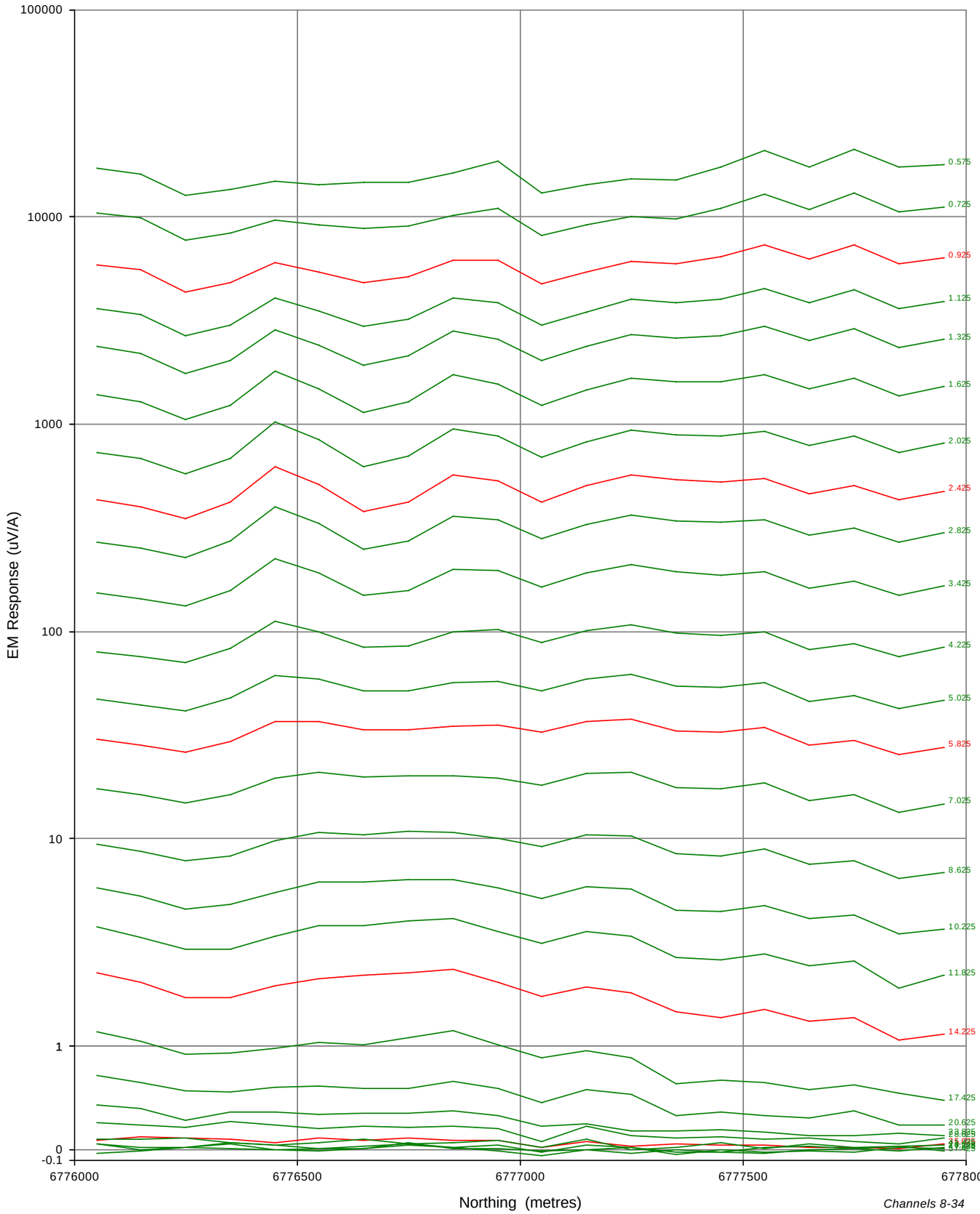
Coober Pedy CP1 Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 447900

Drawn :	
Job No. :	

Z Component



Channels 8-34

WINDOW TIMES (ms)
From the start of the Ramp

1 : 0.0500	18 : 4.225
2 : 0.1000	19 : 5.025
3 : 0.1500	20 : 5.825
4 : 0.2000	21 : 7.025
5 : 0.2750	22 : 8.625
6 : 0.3750	23 : 10.22
7 : 0.4750	24 : 11.82
8 : 0.5750	25 : 14.22
9 : 0.7250	26 : 17.43
10 : 0.9250	27 : 20.62
11 : 1.125	28 : 23.82
12 : 1.325	29 : 28.62
13 : 1.625	30 : 35.02
14 : 2.025	31 : 41.42
15 : 2.425	32 : 47.83
16 : 2.825	33 : 57.42
17 : 3.425	34 : 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 100 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 Component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 10000 turn-m
Tx Current	: 1 A
Turn Off	: 0.2 ms

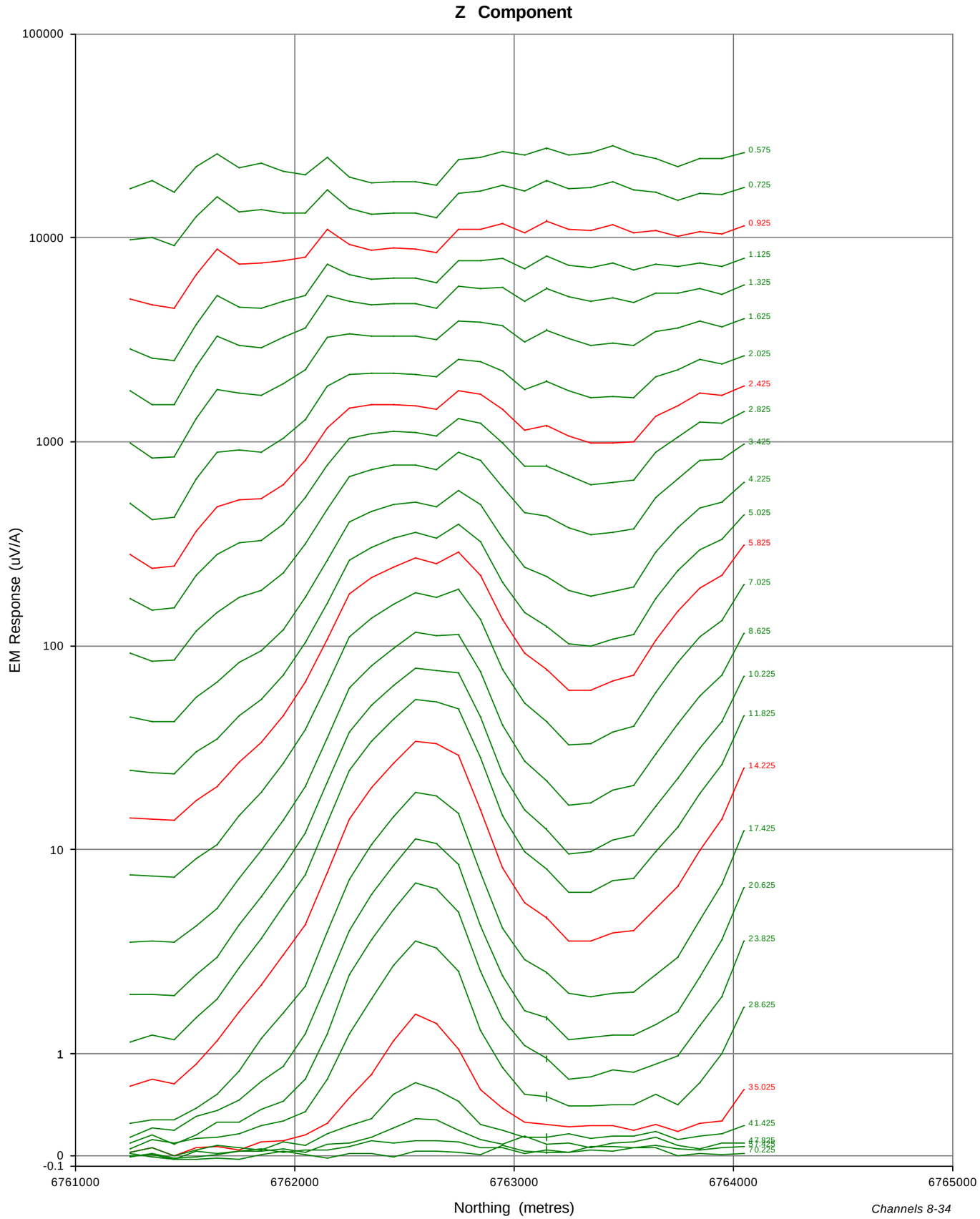
Electromagnetic Imaging Technology

Coober Pedy Ridge Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 418750E

Drawn :	
Job No. :	



WINDOW TIMES (ms)
From the start of the Ramp

1 : 0.0500	18 : 4.225
2 : 0.1000	19 : 5.025
3 : 0.1500	20 : 5.825
4 : 0.2000	21 : 7.025
5 : 0.2750	22 : 8.625
6 : 0.3750	23 : 10.22
7 : 0.4750	24 : 11.82
8 : 0.5750	25 : 14.22
9 : 0.7250	26 : 17.43
10 : 0.9250	27 : 20.62
11 : 1.125	28 : 23.82
12 : 1.325	29 : 28.62
13 : 1.625	30 : 35.02
14 : 2.025	31 : 41.42
15 : 2.425	32 : 47.83
16 : 2.825	33 : 57.42
17 : 3.425	34 : 70.22

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 100 m

RECEIVER

Receiver : Sirotem MkIII
Frequency : 3.12
Component : Z
Rx Coil : RVR 3 Component
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Solo Custom
Loop : None
Tx Moment : 10000 turn-m
Tx Current : 1 A
Turn Off : 0.2 ms

Electromagnetic Imaging Technology

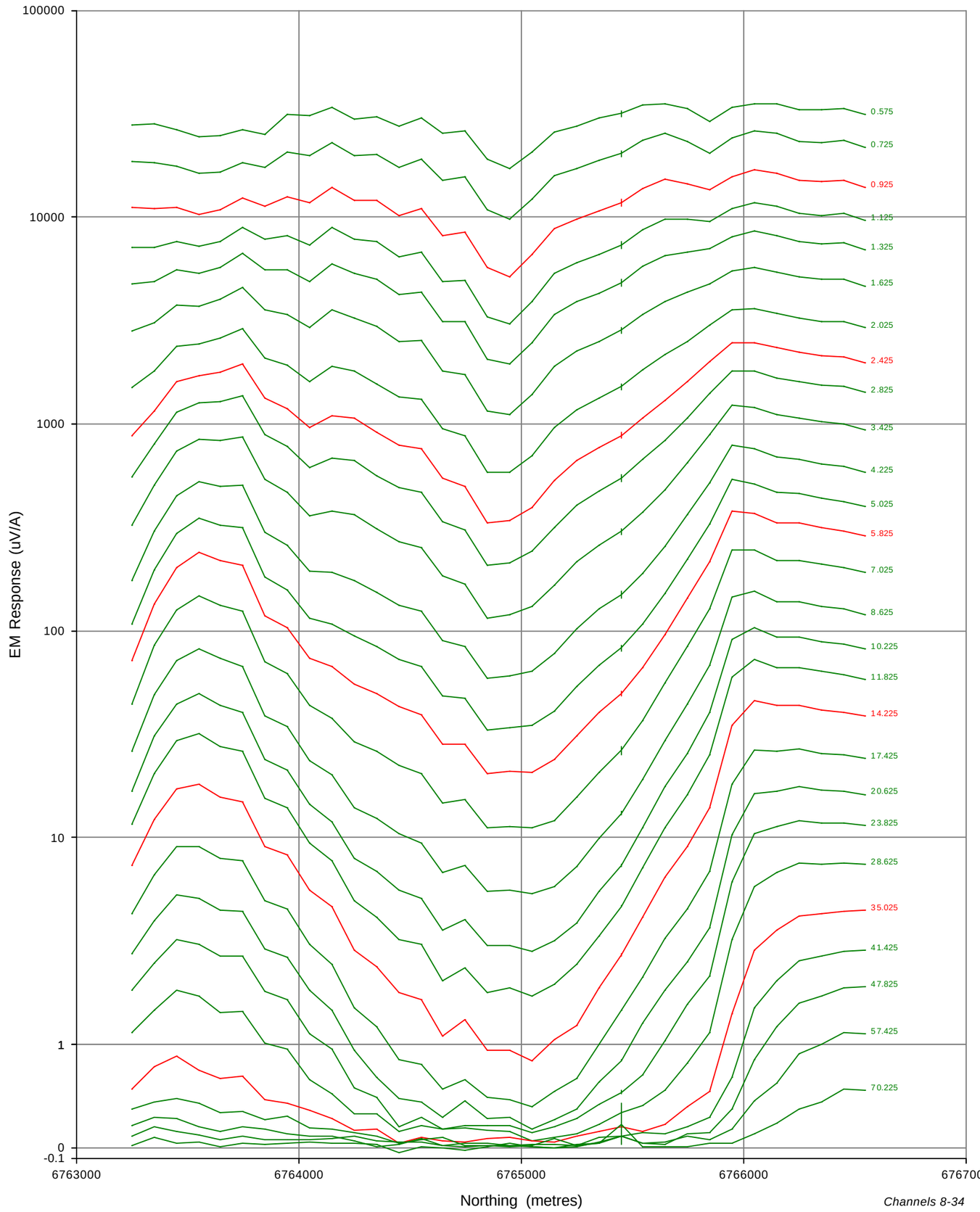
Coober Pedy Ridge Prospect

In-Loop EM Survey

PROFILES OF EM RESPONSE Line 424650E

Drawn :	
Job No. :	

Z Component



Channels 8-34

WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 100 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 Component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 10000 turn-m
Tx Current	: 1 A
Turn Off	: 0.2 ms

Electromagnetic Imaging Technology

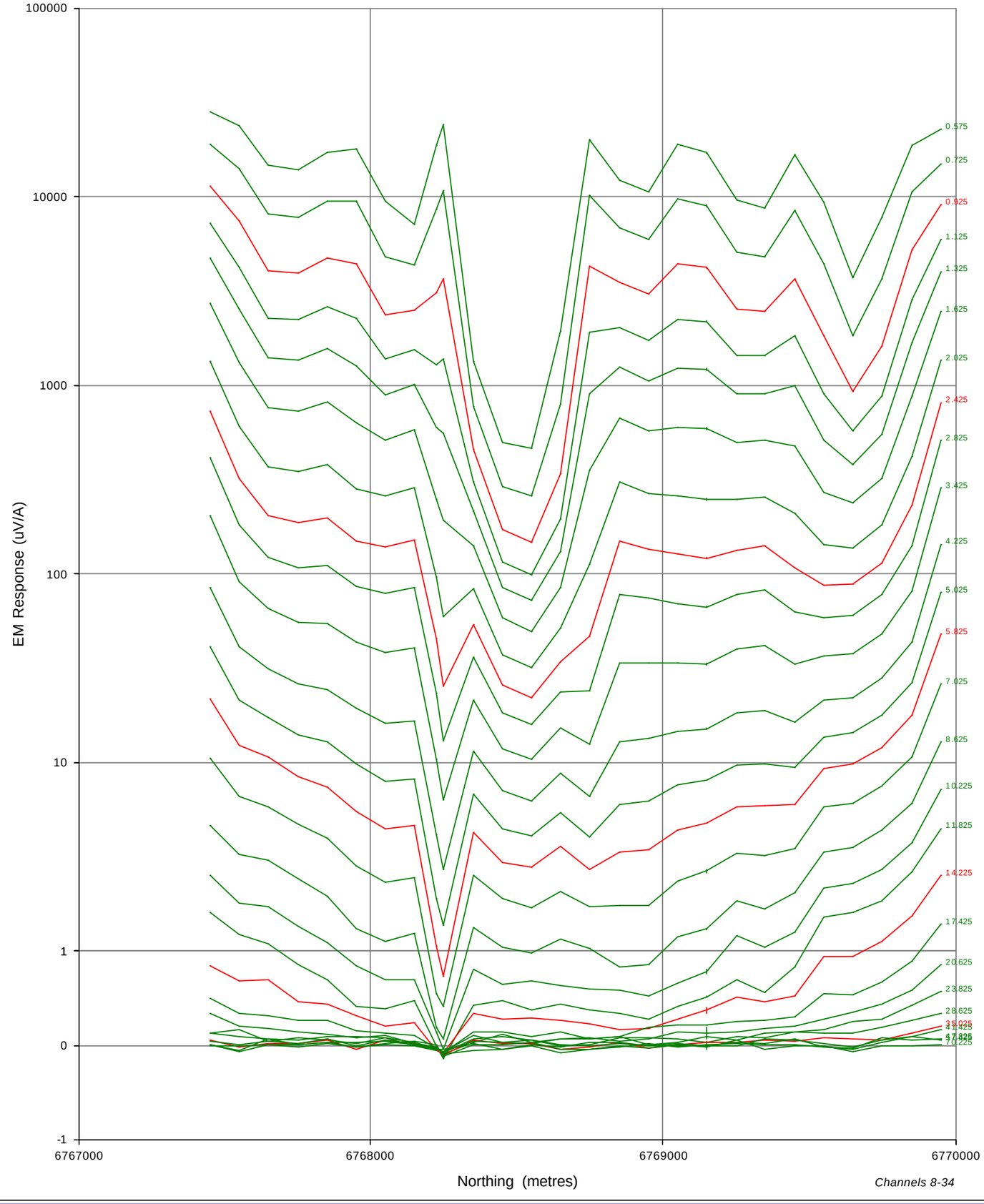
Coober Pedy Ridge Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 425750E

Drawn :	
Job No. :	

Z Component



WINDOW TIMES (ms)
From the start of the Ramp

1 : 0.0500	18 : 4.225
2 : 0.1000	19 : 5.025
3 : 0.1500	20 : 5.825
4 : 0.2000	21 : 7.025
5 : 0.2750	22 : 8.625
6 : 0.3750	23 : 10.22
7 : 0.4750	24 : 11.82
8 : 0.5750	25 : 14.22
9 : 0.7250	26 : 17.43
10 : 0.9250	27 : 20.62
11 : 1.125	28 : 23.82
12 : 1.325	29 : 28.62
13 : 1.625	30 : 35.02
14 : 2.025	31 : 41.42
15 : 2.425	32 : 47.83
16 : 2.825	33 : 57.42
17 : 3.425	34 : 70.22

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 25-100 m

RECEIVER

Receiver : Sirotem MkIII
Frequency : 3.12
Component : Z
Rx Coil : RVR 3 Component
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Solo Custom
Loop : None
Tx Moment : 10000 turn-m
Tx Current : 1 A
Turn Off : 0.2 ms

Electromagnetic Imaging Technology

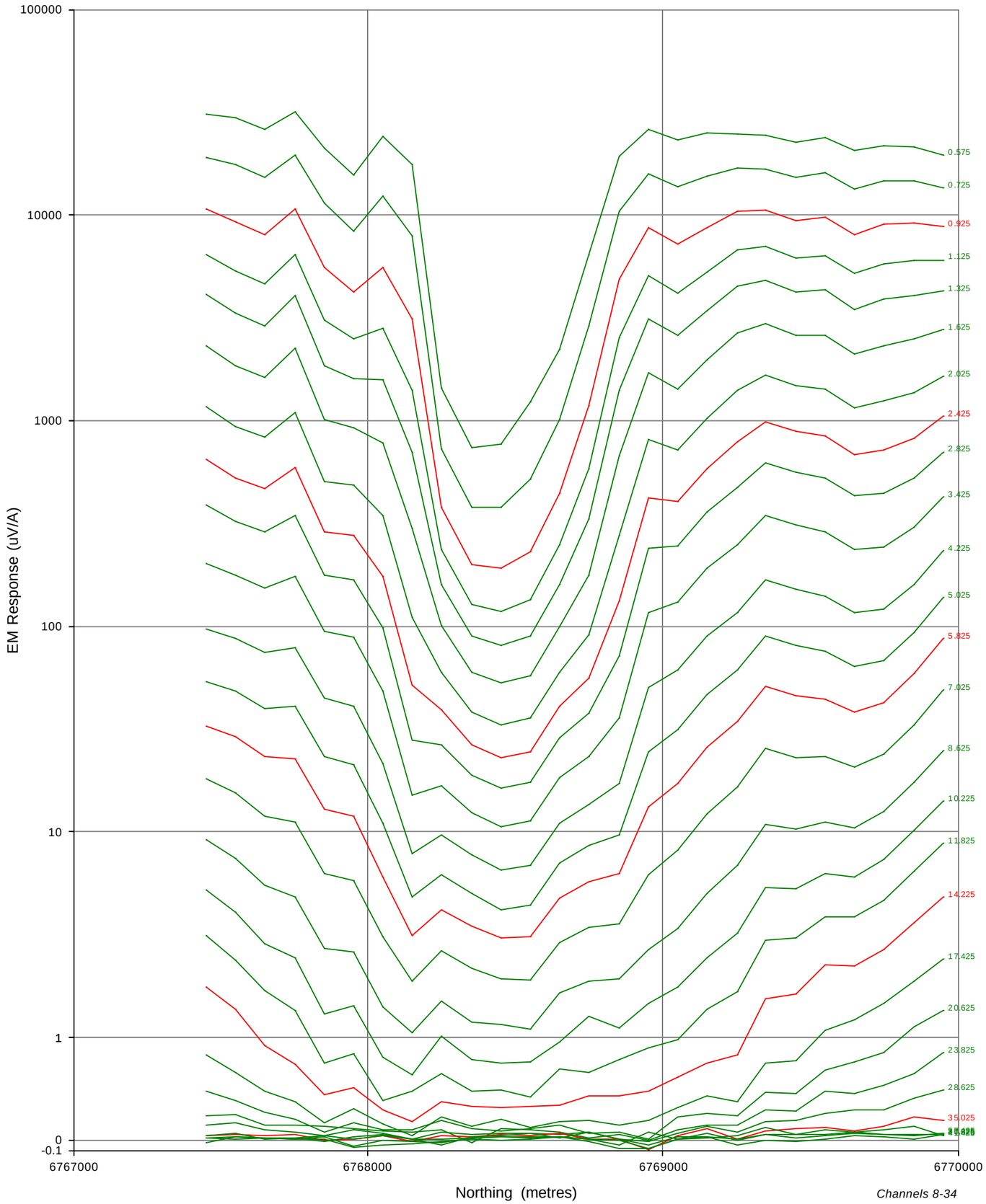
Coober Pedy Ridge Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 427150E

Drawn :	
Job No. :	

Z Component



Channels 8-34

WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration	: In-Loop
Station Spacing	: 100 m

RECEIVER

Receiver	: Sirotem MkIII
Frequency	: 3.12
Component	: Z
Rx Coil	: RVR 3 Component
Rx Area	: 10000 turn-m

TRANSMITTER

Transmitter	: Solo Custom
Loop	: None
Tx Moment	: 10000 turn-m
Tx Current	: 1 A
Turn Off	: 0.2 ms

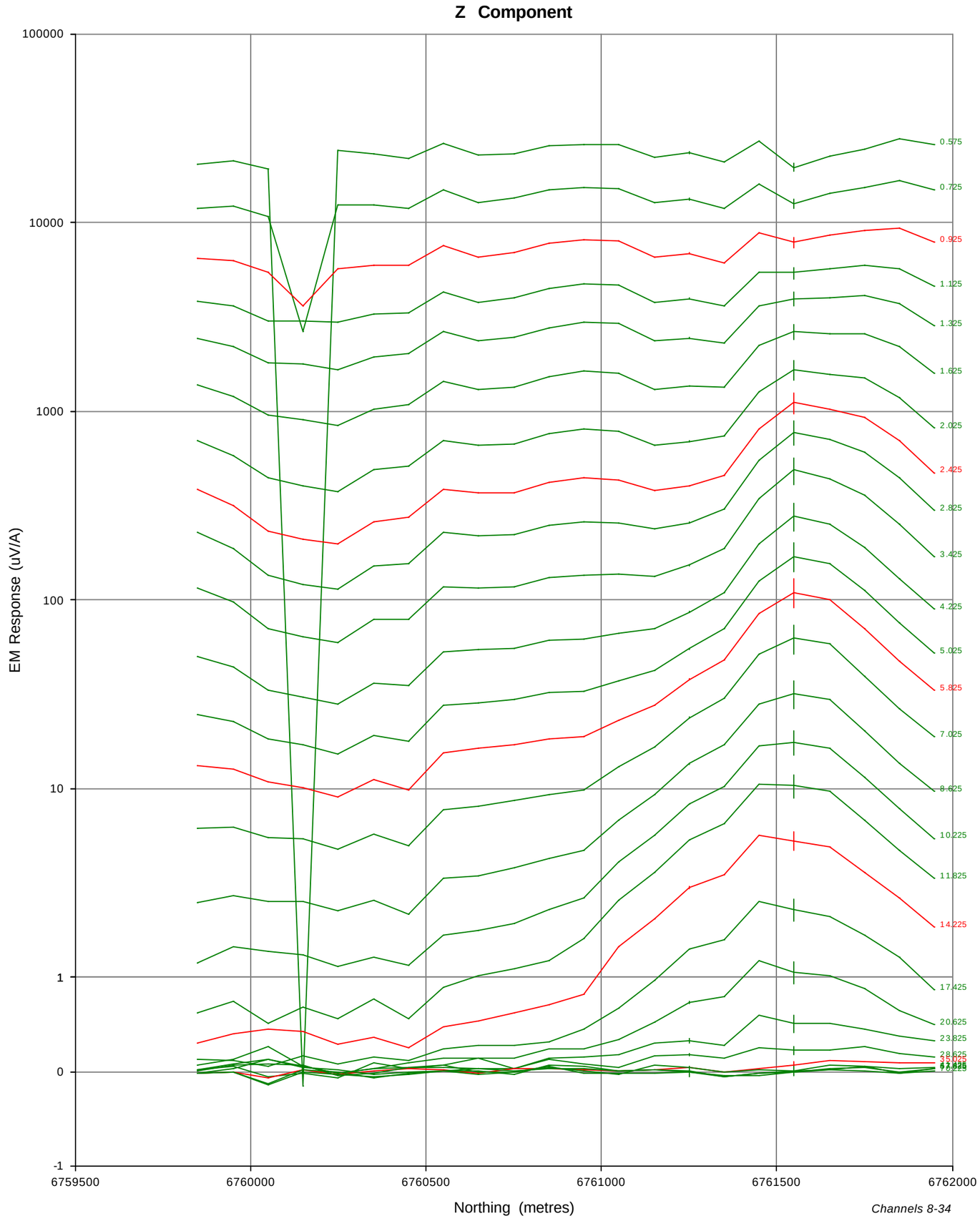
Electromagnetic Imaging Technology

Coober Pedy Ridge Prospect

In-Loop EM Survey

PROFILES OF
EM RESPONSE
Line 427550E

Drawn :	
Job No. :	



WINDOW TIMES (ms)
From the start of the Ramp

1	: 0.0500	18	: 4.225
2	: 0.1000	19	: 5.025
3	: 0.1500	20	: 5.825
4	: 0.2000	21	: 7.025
5	: 0.2750	22	: 8.625
6	: 0.3750	23	: 10.22
7	: 0.4750	24	: 11.82
8	: 0.5750	25	: 14.22
9	: 0.7250	26	: 17.43
10	: 0.9250	27	: 20.62
11	: 1.125	28	: 23.82
12	: 1.325	29	: 28.62
13	: 1.625	30	: 35.02
14	: 2.025	31	: 41.42
15	: 2.425	32	: 47.83
16	: 2.825	33	: 57.42
17	: 3.425	34	: 70.22

SURVEY PARAMETERS

Configuration : In-Loop
Station Spacing : 100 m

RECEIVER

Receiver : Sirotem MkIII
Frequency : 3.12
Component : Z
Rx Coil : RVR 3 Component
Rx Area : 10000 turn-m

TRANSMITTER

Transmitter : Solo Custom
Loop : None
Tx Moment : 10000 turn-m
Tx Current : 1 A
Turn Off : 0.2 ms

Electromagnetic Imaging Technology

Coober Pedy Ridge Prospect

In-Loop EM Survey

PROFILES OF EM RESPONSE Line 427970E

Drawn :	
Job No. :	

```
CP1
UNITS:(uV/A) CONFIG:INLOOP RXAREA:10000 TXAREA:40000 INITDELAY:0 TURNON:.13 TURNOFF:.25 OFFTIME:80 INST:SIROTEM3 FREQUENCY:COMPOSITE
  LINE      EAST   NORTH LSIDE    CUR  RMP G        F C NCH        VPRI        Ch1         Ch2         Ch3         Ch4         Ch5         Ch6         Ch7         Ch8         Ch9        Ch10        Ch11        Ch12        Ch13        Ch14        Ch15        Ch16        Ch17        Ch18        Ch19        Ch20        Ch21        Ch22        Ch23        Ch24        Ch25        Ch26        Ch27        Ch28        Ch29        Ch30        Ch31        Ch32        Ch33        Ch34
\SIROTEM FIELD DATA
\SURVEY AREA :Coober Pedy S. Aust
\PROSPECT    :CP1
\DATE        :26-05-2003
\CURRENT NORMALIZATION ALTERED FROM VALUE USED BY SIROTEM =    .00
\                                  TO  VALUE ACTUALLY TRANSMITTED =    .00
\Stacking type (0=all,1=last,2=AVERAGE,3=best sd of last 2, :  =0
\              4=best sd of all
\              5=median,6=average of median 3)
\200 x 200m inloop at 200m moves
\
\LOOP:  ,  ,  ,  ,
\
\   LOOP     LINE       STN LSIDE    CUR  RMP G        F C NCH        VPRI        Ch1         Ch2         Ch3         Ch4         Ch5         Ch6         Ch7         Ch8         Ch9        Ch10        Ch11        Ch12        Ch13        Ch14        Ch15        Ch16        Ch17        Ch18        Ch19        Ch20        Ch21        Ch22        Ch23        Ch24        Ch25        Ch26        Ch27        Ch28        Ch29        Ch30        Ch31        Ch32        Ch33        Ch34
      10  448300 6762900    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.104e+04   2.737e+04   2.322e+04   1.888e+04   1.551e+04   1.286e+04   9.910e+03   7.163e+03   5.338e+03   4.084e+03   2.872e+03   1.882e+03   1.298e+03   9.309e+02   6.044e+02   3.586e+02   2.262e+02   1.494e+02   8.675e+01   4.434e+01   2.415e+01   1.377e+01   6.560e+00   2.541e+00   1.101e+00   5.436e-01   1.755e-01   7.376e-02
      10  448300 6762700    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.246e+04   2.908e+04   2.620e+04   2.323e+04   1.997e+04   1.710e+04   1.456e+04   1.144e+04   8.296e+03   6.096e+03   4.557e+03   3.075e+03   1.896e+03   1.233e+03   8.410e+02   5.153e+02   2.877e+02   1.743e+02   1.119e+02   6.371e+01   3.227e+01   1.773e+01   1.034e+01   5.147e+00   2.070e+00   9.150e-01   3.707e-01   1.598e-01   4.643e-02
      10  448300 6762500    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.246e+04   2.908e+04   2.637e+04   2.336e+04   2.037e+04   1.778e+04   1.543e+04   1.248e+04   9.201e+03   6.869e+03   5.189e+03   3.527e+03   2.176e+03   1.411e+03   9.529e+02   5.732e+02   3.100e+02   1.824e+02   1.139e+02   6.944e+01   3.616e+01   1.959e+01   1.068e+01   4.422e+00   1.832e+00   8.108e-01   3.887e-01   1.786e-01   4.185e-02
      10  448300 6762300    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.253e+04   2.897e+04   2.563e+04   2.238e+04   1.916e+04   1.654e+04   1.430e+04   1.155e+04   8.694e+03   6.611e+03   5.090e+03   3.551e+03   2.263e+03   1.504e+03   1.034e+03   6.316e+02   3.427e+02   1.997e+02   1.223e+02   6.497e+01   2.983e+01   1.511e+01   8.184e+00   3.904e+00   1.585e+00   7.003e-01   3.623e-01   1.693e-01   6.680e-02
      10  448300 6762100    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.094e+04   2.832e+04   2.535e+04   2.176e+04   1.845e+04   1.553e+04   1.314e+04   9.930e+03   6.170e+03   4.548e+03   3.014e+03   1.813e+03   1.152e+03   7.652e+02   4.513e+02   2.394e+02   1.372e+02   8.151e+01   4.165e+01   2.198e+01   1.179e+01   6.887e+00   2.556e+00   1.626e+00   8.523e-01   4.741e-01   2.211e-01   7.425e-02
      10  448300 6761900    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.126e+04   2.521e+04   1.973e+04   1.538e+04   1.077e+04   6.831e+03   4.508e+03   3.091e+03   1.900e+03   1.065e+03   6.503e+02   4.232e+02   2.489e+02   1.342e+02   7.982e+01   5.116e+01   2.954e+01   1.560e+01   9.158e+00   5.681e+00   3.187e+00   1.578e+00   8.592e-01   4.895e-01   2.302e-01   7.342e-02
      10  448300 6761700    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.220e+04   2.929e+04   2.487e+04   2.054e+04   1.675e+04   1.255e+04   8.247e+03   5.636e+03   3.951e+03   2.465e+03   1.385e+03   8.368e+02   5.361e+02   3.076e+02   1.592e+02   9.293e+01   5.884e+01   3.396e+01   1.807e+01   1.077e+01   6.856e+00   3.873e+00   1.915e+00   1.024e+00   5.378e-01   3.055e-01   1.201e-01
      10  448300 6761500    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.705e+04   2.012e+04   1.460e+04   1.055e+04   7.385e+03   4.914e+03   3.326e+03   2.196e+03   1.536e+03   1.026e+03   6.369e+02   3.633e+02   2.178e+02   1.303e+02   7.933e+01   4.322e+01   2.407e+01   1.371e+01   8.140e+00   4.559e+00   2.511e+00   1.432e+00   7.062e-01   3.164e-01   1.274e-02
      10  448300 6761300    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.895e+04   2.526e+04   2.171e+04   1.836e+04   1.579e+04   1.366e+04   1.108e+04   8.442e+03   6.517e+03   5.105e+03   3.659e+03   2.423e+03   1.673e+03   1.194e+03   7.643e+02   4.421e+02   2.714e+02   1.742e+02   9.784e+01   4.820e+01   2.587e+01   1.488e+01   7.467e+00   3.223e+00   1.653e+00   8.283e-01   3.893e-01   1.147e-01
      10  448300 6761100    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.229e+04   2.931e+04   2.656e+04   2.347e+04   1.995e+04   1.688e+04   1.395e+04   1.188e+04   9.600e+03   7.432e+03   5.825e+03   4.603e+03   3.509e+03   2.599e+03   1.897e+03   1.354e+03   9.552e+02   5.834e+02   3.736e+02   2.482e+02   1.446e+02   7.417e+01   4.095e+01   2.218e+01   1.218e+01   6.780e+00   2.647e+00   1.422e+00   6.780e-01   2.517e-01
      10  448300 6760900    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.255e+04   2.887e+04   2.498e+04   2.092e+04   1.708e+04   1.432e+04   1.220e+04   9.832e+03   7.535e+03   5.904e+03   4.703e+03   3.449e+03   2.345e+03   1.653e+03   1.200e+03   7.876e+02   4.716e+02   3.017e+02   2.028e+02   1.219e+02   6.638e+01   3.914e+01   2.443e+01   1.335e+01   6.385e+00   3.343e+00   1.860e+00   8.998e-01   3.038e-01
      10  448300 6760700    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.232e+04   2.727e+04   2.127e+04   1.733e+04   1.448e+04   1.231e+04   9.985e+03   7.591e+03   5.943e+03   4.737e+03   3.473e+03   2.348e+03   1.664e+03   1.211e+03   7.931e+02   4.751e+02   3.037e+02   2.066e+02   1.243e+02   6.755e+01   3.987e+01   2.494e+01   1.361e+01   6.479e+00   3.641e+00   2.013e+00   9.508e-01   4.063e-01
       9  447900 6760700    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.190e+04   2.745e+04   2.392e+04   2.015e+04   1.647e+04   1.374e+04   1.164e+04   9.324e+03   7.134e+03   5.629e+03   4.545e+03   3.421e+03   2.418e+03   1.769e+03   1.326e+03   9.031e+02   5.627e+02   3.677e+02   2.506e+02   1.518e+02   8.245e+01   4.813e+01   2.962e+01   1.600e+01   7.661e+00   4.061e+00   2.251e+00   1.111e+00   4.759e-01
       9  447900 6760900    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.245e+04   2.840e+04   2.456e+04   2.062e+04   1.691e+04   1.425e+04   1.221e+04   9.914e+03   7.649e+03   6.013e+03   4.796e+03   3.520e+03   2.397e+03   1.696e+03   1.237e+03   8.176e+02   4.957e+02   3.201e+02   2.162e+02   1.314e+02   7.255e+01   4.343e+01   2.749e+01   1.539e+01   7.712e+00   4.138e+00   2.362e+00   1.186e+00   4.886e-01
       9  447900 6761100    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.687e+04   2.107e+04   1.723e+04   1.440e+04   1.223e+04   9.970e+03   7.672e+03   6.134e+03   4.893e+03   3.590e+03   2.428e+03   1.698e+03   1.222e+03   7.922e+02   4.674e+02   2.958e+02   1.963e+02   1.170e+02   6.403e+01   3.841e+01   2.412e+01   1.250e+01   4.063e-01   2.412e+00   1.250e+00   4.857e-01
       9  447900 6761300    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.260e+04   2.870e+04   2.462e+04   2.066e+04   1.709e+04   1.456e+04   1.258e+04   1.027e+04   7.993e+03   6.159e+03   4.862e+03   3.518e+03   2.360e+03   1.654e+03   1.201e+03   7.935e+02   4.842e+02   3.169e+02   2.174e+02   1.338e+02   7.535e+01   4.584e+01   2.943e+01   1.674e+01   8.480e+00   4.632e+00   2.632e+00   1.341e+00   5.670e-01
       9  447900 6761500    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.208e+04   2.726e+04   2.346e+04   1.983e+04   1.644e+04   1.396e+04   1.207e+04   9.848e+03   7.993e+03   5.949e+03   4.725e+03   3.450e+03   2.438e+03   1.698e+03   1.218e+03   8.155e+02   5.842e+02   3.319e+02   2.292e+02   1.488e+02   7.921e+01   4.811e+01   3.079e+01   1.737e+01   8.650e+00   4.661e+00   2.626e+00   1.332e+00   5.122e-01
       9  447900 6761700    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.267e+04   2.901e+04   2.481e+04   2.063e+04   1.673e+04   1.392e+04   1.176e+04   9.344e+03   7.042e+03   5.464e+03   4.346e+03   3.226e+03   2.271e+03   1.676e+03   1.276e+03   8.923e+02   5.760e+02   3.884e+02   2.707e+02   1.684e+02   9.299e+01   5.453e+01   3.346e+01   1.771e+01   8.031e+00   3.953e+00   2.069e+00   9.374e+01   3.163e-01
       9  447900 6761900    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.165e+04   2.665e+04   2.305e+04   1.953e+04   1.623e+04   1.381e+04   1.191e+04   9.731e+03   7.573e+03   6.020e+03   4.867e+03   3.650e+03   2.540e+03   1.858e+03   1.386e+03   9.397e+02   5.848e+02   3.839e+02   2.630e+02   1.595e+02   8.666e+01   5.017e+01   3.049e+01   1.581e+01   6.956e+00   3.326e+00   1.735e+00   7.557e-01   2.334e-01
       9  447900 6762100    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.088e+04   2.547e+04   2.257e+04   2.031e+04   1.656e+04   1.357e+04   1.144e+04   9.157e+03   7.684e+03   6.574e+03   5.656e+03   4.524e+03   3.573e+03   2.258e+03   1.517e+03   1.059e+03   6.645e+02   3.789e+02   2.340e+02   1.512e+02   8.164e+01   4.551e+01   2.553e+01   1.382e+01   6.513e+00   3.934e+00   1.973e+00   6.580e-01   2.274e-02
       9  447900 6762300    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.229e+04   2.966e+04   2.646e+04   2.270e+04   1.935e+04   1.625e+04   1.247e+04   8.752e+03   6.239e+03   4.538e+03   2.959e+03   1.752e+03   1.104e+03   7.316e+02   4.337e+02   2.344e+02   1.388e+02   8.826e+01   5.065e+01   2.645e+01   1.538e+01   9.591e+00   5.368e+00   2.702e+00   1.493e+00   8.395e-01   4.964e-01   2.464e-01
       9  447900 6762500    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.021e+04   2.536e+04   2.087e+04   1.701e+04   1.358e+04   1.101e+04   8.473e+03   6.648e+03   5.128e+03   3.944e+03   2.648e+03   1.852e+03   1.344e+03   9.444e+02   6.163e+02   3.592e+02   1.894e+02   1.102e+02   6.870e+01   3.384e+01   1.994e+01   1.158e+01   4.030e+00   2.063e+00   1.138e+00   6.511e-01   3.404e-01   1.634e-01
       9  447900 6762700    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.217e+04   2.868e+04   2.403e+04   1.978e+04   1.615e+04   1.198e+04   8.120e+03   5.661e+03   4.059e+03   2.618e+03   1.540e+03   9.688e+02   6.415e+02   3.796e+02   2.033e+02   1.190e+02   7.411e+01   4.134e+01   2.059e+01   1.162e+01   7.064e+00   3.844e+00   1.889e+00   1.077e+00   5.629e-01   3.635e-01   1.758e-01
       9  447900 6762900    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.270e+04   3.204e+04   2.775e+04   2.256e+04   1.869e+04   1.609e+04   1.403e+04   1.160e+04   9.103e+03   7.103e+03   5.350e+03   3.753e+03   2.572e+03   1.609e+03   1.010e+03   6.853e+02   4.256e+02   2.626e+02   1.392e+02   8.431e+01   4.422e+01   2.598e+01   1.152e+01   5.598e+00   2.985e+00   1.617e+00   1.286e+00   4.663e-01   2.617e-01
       8  447500 6762900    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.158e+04   2.675e+04   2.177e+04   1.745e+04   1.254e+04   8.088e+03   5.350e+03   3.640e+03   2.188e+03   1.178e+03   6.889e+02   4.301e+02   2.392e+02   1.215e+02   6.830e+01   4.139e+01   2.276e+01   1.134e+01   6.492e+00   4.055e+00   2.304e+00   1.207e+00   7.088e-01   4.281e-01   2.394e-01   7.875e-02
       8  447500 6762700    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.134e+04   2.608e+04   2.108e+04   1.690e+04   1.223e+04   8.031e+03   5.432e+03   3.794e+03   2.352e+03   1.320e+03   7.966e+02   5.084e+02   2.868e+02   1.451e+02   8.007e+01   4.762e+01   2.546e+01   1.234e+01   7.188e+00   4.526e+00   2.650e+00   1.441e+00   8.852e+01   5.329e-01   3.284e-01   9.531e-02
       8  447500 6762500    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   2.727e+04   2.017e+04   1.687e+04   1.280e+04   8.157e+03   5.145e+03   3.394e+03   2.187e+03   1.178e+03   6.889e+02   4.301e+02   2.392e+02   1.215e+02   6.830e+01   4.139e+01   2.276e+01   1.134e+01   6.492e+00   4.055e+00   2.304e+00   1.207e+00   7.088e-01   4.281e-01   2.394e-01   7.875e-02
       8  447500 6762300    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.131e+04   2.598e+04   2.094e+04   1.675e+04   1.209e+04   7.920e+03   5.359e+03   3.748e+03   2.358e+03   1.361e+03   8.538e+02   5.702e+02   3.452e+02   1.936e+02   1.180e+02   7.682e+01   4.507e+01   2.399e+01   1.416e+01   9.011e+00   5.165e+00   2.715e+00   1.620e+00   9.855e-01   5.754e-01   2.581e-01
       8  447500 6762100    200  16.4 .250 1      C3 Z  34           0   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.271e+04   3.040e+04   2.602e+04   1.845e+04   1.590e+04   1.156e+04   8.762e+03   6.812e+03   5.297e+03   4.116e+03   3.200e+03   2.497e+03   1.948e+03   1.518e+03   1.184e+03   9.237e+02   7.207e+02   5.622e+02   4.386e+02   3.421e+02   2.669e+02   2.082e+02   1.624e+02   1.267e+02   9.884e+01   7.711e+01   6.016e+01   4.693e+01   3.661e+01   2.855e+01   2.227e+01   1.737e+01   1.355e+01   1.057e+01   8.245e+00   6.431e+00   5.016e+00   3.912e+00   3.051e+00   2.380e+00   1.856e+00   1.448e+00   1.129e+00   8.807e-01   6.868e-01   5.356e-01   4.178e-01   3.258e-01   2.541e-01   1.982e-01   1.546e-01   1.206e-01   9.407e-02   7.337e-02   5.723e-02   4.463e-02   3.482e-02   2.715e-02   2.118e-02   1.652e-02   1.288e-02   1.005e-02   7.838e-03   6.114e-03   4.769e-03   3.720e-03   2.902e-03   2.264e-03   1.766e-03   1.378e-03   1.075e-03   8.386e-04   6.542e-04   5.103e-04   3.981e-04   3.106e-04   2.422e-04   1.890e-04   1.474e-04   1.150e-04   8.971e-05   6.998e-05   5.459e-05   4.258e-05   3.321e-05   2.591e-05   2.021e-05   1.576e-05   1.230e-05   9.594e-06   7.483e-06   5.837e-06   4.553e-06   3.551e-06   2.770e-06   2.161e-06   1.685e-06   1.314e-06   1.025e-06   7.994e-07   6.235e-07   4.863e-07   3.793e-07   2.958e-07   2.307e-07   1.799e-07   1.403e-07   1.094e-07   8.533e-08   6.655e-08   5.191e-08   4.048e-08   3.157e-08   2.462e-08   1.920e-08   1.497e-08   1.168e-08   9.107e-09   7.103e-09   5.540e-09   4.321e-09   3.370e-09   2.628e-09   2.050e-09   1.599e-09   1.247e-09   9.728e-10   7.587e-10   5.917e-10   4.615e-10   3.599e-10   2.807e-10   2.189e-10   1.707e-10   1.331e-10   1.038e-10   8.097e-11   6.314e-11   4.924e-11   3.840e-11   2.995e-11   2.335e-11   1.821e-11   1.420e-11   1.107e-11   8.634e-12   6.732e-12   5.250e-12   4.094e-12   3.193e-12   2.490e-12   1.942e-12   1.514e-12   1.181e-12   9.211e-13   7.183e-13   5.602e-13   4.369e-13   3.407e-13   2.657e-13   2.072e-13   1.616e-13   1.260e-13   9.827e-14   7.664e-14   5.977e-14   4.662e-14   3.636e-14   2.836e-14   2.212e-14   1.725e-14   1.345e-14   1.049e-14   8.183e-15   6.382e-15   4.978e-15   3.882e-15   3.028e-15   2.361e-15   1.842e-15   1.436e-15   1.120e-15   8.735e-16   6.813e-16   5.314e-16   4.144e-16   3.232e-16   2.521e-16   1.966e-16   1.533e-16   1.196e-16   9.327e-17   7.275e-17   5.675e-17   4.426e-17   3.452e-17   2.693e-17   2.100e-17   1.638e-17   1.278e-17   9.966e-18   7.773e-18   6.063e-18   4.729e-18   3.689e-18   2.877e-18   2.244e-18   1.750e-18   1.365e-18   1.065e-18   8.305e-19   6.478e-19   5.053e-19   3.941e-19   3.074e-19   2.398e-19   1.870e-19   1.459e-19   1.138e-19   8.877e-20   6.924e-20   5.400e-20   4.212e-20   3.285e-20   2.562e-20   1.998e-20   1.559e-20   1.216e-20   9.484e-21   7.398e-21   5.770e-21   4.501e-21   3.511e-21   2.738e-21   2.136e-21   1.666e-21   1.299e-21   1.013e-21   7.902e-22   6.164e-22   4.808e-22   3.750e-22   2.925e-22   2.281e-22   1.779e-22   1.388e-22   1.082e-22   8.441e-23   6.583e-23   5.135e-23   4.005e-23   3.123e-23   2.436e-23   1.900e-23   1.482e-23   1.155e-23   9.012e-24   7.028e-24   5.481e-24   4.275e-24   3.334e-24   2.600e-24   2.028e-24   1.581e-24   1.233e-24   9.616e-25   7.499e-25   5.848e-25   4.561e-25   3.557e-25   2.774e-25   2.163e-25   1.687e-25   1.315e-25   1.026e-25   8.000e-26   6.239e-26   4.865e-26   3.794e-26   2.959e-26   2.307e-26   1.799e-26   1.403e-26   1.094e-26   8.533e-27   6.655e-27   5.191e-27   4.048e-27   3.157e-27   2.462e-27   1.920e-27   1.497e-27   1.168e-27   9.107e-28   7.103e-28   5.540e-28   4.321e-28   3.370e-28   2.628e-28   2.050e-28   1.599e-28   1.247e-28   9.728e-29   7.587e-29   5.917e-29   4.615e-29   3.599e-29   2.807e-29   2.189e-29   1.707e-29   1.331e-29   1.038e-29   8.097e-30   6.314e-30   4.924e-30   3.840e-30   2.995e-30   2.335e-30   1.821e-30   1.420e-30   1.107e-30   8.634e-31   6.732e-31   5.250e-31   4.094e-31   3.193e-31   2.490e-31   1.942e-31   1.514e-31   1.181e-31   9.211e-32   7.183e-32   5.602e-32   4.369e-32   3.407e-32   2.657e-32   2.072e-32   1.616e-32   1.260e-32   9.827e-33   7.664e-33   5.977e-33   4.662e-33   3.636e-33   2.836e-33   2.212e-33   1.725e-33   1.345e-33   1.049e-33   8.183e-34   6.382e-34   4.978e-34   3.882e-34   3.028e-34   2.361e-34   1.842e-34   1.436e-34   1.120e-34   8.735e-35   6.813e-35   5.314e-35   4.144e-35   3.232e-35   2.521e-35   1.966e-35   1.533e-35   1.196e-35   9.327e-36   7.275e-36   5.675e-36   4.426e-36   3.452e-36   2.693e-36   2.100e-36   1.638e-36   1.278e-36   9.966e-37   7.773e-37   6.063e-37   4.729e-37   3.689e-37   2.877e-37   2.244e-37   1.750e-37   1.365e-37   1.065e-37   8.305e-38   6.478e-38   5.053e-38   3.941e-38   3.074e-38   2.398e-38   1.870e-38   1.459e-38   1.138e-38   8.877e-39   6.924e-39   5.400e-39   4.212e-39   3.285e-39   2.562e-39   1.998e-39   1.559e-39   1.216e-39   9.484e-40   7.398e-40   5.770e-40   4.501e-40   3.511e-40   2.738e-40   2.136e-40   1.666e-40   1.299e-40   1.013e-40   7.902e-41   6.164e-41   4.808e-41   3.750e-41   2.925e-41   2.281e-41   1.779e-41   1.388e-41   1.082e-41   8.441e-42   6.583e-42   5.135e-42   4.005e-42   3.123e-42   2.436e-42   1.900e-42   1.482e-42   1.155e-42   9.012e-43   7.028e-43   5.481e-43   4.275e-43   3.334e-43   2.600e-43   2.028e-43   1.581e-43   1.233e-43   9.616e-44   7.499e-44   5.848e-44   4.561e-44   3.557e-44   2.774e-44   2.163e-44   1.687e-44   1.315e-44   1.026e-44   8.000e-45   6.239e-45   4.865e-45   3.794e-45   2.959e-45   2.307e-45   1.799e-45   1.403e-45   1.094e-45   8.533e-46   6.655e-46   5.191e-46   4.048e-46   3.157e-46   2.462e-46   1.920e-46   1.497e-46   1.168e-46   9.107e-47   7.103e-47   5.540e-47   4.321e-47   3.370e-47   2.628e-47   2.050e-47   1.599e-47   1.247e-47   9.728e-48   7.587e-48   5.917e-48   4.615e-48   3.599e-48   2.807e-48   2.189e-48   1.707e-48   1.331e-48   1.038e-48   8.097e-49   6.314e-49   4.924e-49   3.840e-49   2.995e-49   2.335e-49   1.821e-49   1.420e-49   1.107e-49   8.634e-50   6.732e-50   5.250e-50   4.094e-50   3.193e-50   2.490e-50   1.942e-50   1.514e-50   1.181e-50   9.211e-51   7.183e-51   5.602e-51   4.369e-51   3.407e-51   2.657e-51   2.072e-51   1.616e-51   1.260e-51   9.827e-52   7.664e-52   5.977e-52   4.662e-52   3.636e-52   2.836e-52   2.212e-52   1.725e-52   1.345e-52   1.049e-52   8.183e-53   6.382e-53   4.978e-53   3.882e-53   3.028e-53   2.361e-53   1.842e-53   1.436e-53   1.120e-53   8.735e-54   6.813e-54   5.314e-54   4.144e-54   3.232e-54   2.521e-54   1.966e-54   1.533e-54   1.196e-54   9.327e-55   7.275e-55   5.675e-55   4.426e-55   3.452e-55   2.693e-55   2.100e-55   1.638e-55   1.278e-55   9.966e-56   7.773e-56   6.063e-56   4.729e-56   3.689e-56   2.877e-56   2.244e-56   1.750e-56   1.365e-56   1.065e-56   8.305e-57   6.478e-57   5.053e-57   3.941e-57   3.074e-57   2.398e-57   1.870e-57   1.459e-57   1.138e-57   8.877e-58   6.924e-58   5.400e-58   4.212e-58   3.285e-58   2.562e-58   1.998e-58   1.559e-58   1.216e-58   9.484e-59   7.398e-59   5.770e-59   4.501e-59   3.511e-59   2.738e-59   2.136e-59   1.666e-59   1.299e-59   1.013e-59   7.902e-60   6.164e-60   4.808e-60   3.750e-60   2.925e-60   2.281e-60   1.779e-60   1.388e-60   1.082e-60   8.441e-61   6.583e-61   5.135e-61   4.005e-61   3.123e-61   2.436e-61   1.900e-61   1.482e-61   1.155e-61   9.012e-62   7.028e-62   5.481e-62   4.275e-62   3.334e-62   2.600e-62   2.028e-62   1.581e-62   1.233e-62   9.616e-63   7.499e-63   5.848e-63   4.561e-63   3.557e-63   2.774e-63   2.163e-63   1.687e-63   1.315e-63   1.026e-63   8.000e-64   6.239e-64   4.865e-64   3.794e-64   2.959e-64   2.307e-64   1.799e-64   1.403e-64   1.094e-64   8.533e-65   6.655e-65   5.191e-65   4.048e-65   3.157e-65   2.462e-65   1.920e-65   1.497e-65   1.168e-65   9.107e-66   7.103e-66   5.540e-66   4.321e-66   3.370e-66   2.628e-66   2.050e-66   1.599e-66   1.247e-66   9.728e-67   7.587e-67   5.917e-67   4.615e-67   3.599e-67   2.807e-67   2.189e-67   1.707e-67   1.331e-67   1.038e-67   8.097e-68   6.314e-68   4.924e-68   3.840e-68   2.995e-68   2.335e-68   1.821e-68   1.420e-68   1.107e-68   8.634e-69   6.732e-69   5.250e-69   4.094e-69   3.193e-69   2.490e-69   1.942e-69   1.514e-69   1.181e-69   9.211e-70   7.183e-70   5.602e-70   4.369e-70   3.407e-70   2.657e-70   2.072e-70   1.616e-70   1.260e-70   9.827e-71   7.664e-71   5.977e-71   4.662e-71   3.636e-71   2.836e-71   2.212e-71   1.725e-71   1.345e-71   1.049e-71   8.183e-72   6.382e-72   4.978e-72   3.882e-72   3.028e-72   2.361e-72   1.842e-72   1.436e-72   1.120e-72   8.735e-73   6.813e-73   5.314e-73   4.144e-73   3.232e-73   2.521e-73   1.966e-73   1.533e-73   1.196e-73   9.327e-74   7.275e-74   5.675e-74   4.426e-74   3.452e-74   2.693e-74   2.100e-74   1.638e-74   1.278e-74   9.966e-75   7.773e-75   6.063e-75   4.729e-75   3.689e-75   2.877e-75   2.244e-75   1.750e-75   1.365e-75   1.065e-75   8.305e-76   6.478e-76   5.053e-76   3.941e-76   3.074e-76   2.398e-76   1.870e-76   1.459e-76   1.138e-76   8.877e-77   6.924e-77   5.400e-77   4.212e-77   3.285e-77   2.562e-77   1.998e-77   1.559e-77   1.216e-77   9.484e-78   7.398e-78   5.770e-78   4.501e-78   3.511e-78   2.738e-78   2.136e-78   1.666e-78   1.299e-78   1.013e-78   7.902e-79   6.164e-79   4.808e-79   3.750e-79   2.925e-79   2.281e-79   1.779e-79   1.388e-79   1.082e-79   8.441e-80   6.583e-80   5.135e-80   4.005e-80   3.123e-80   2.436e-80   1.900e-80   1.482e-80   1.155e-80   9.012e-81   7.028e-81   5.481e-81   4.275e-81   3.334e-81   2.600e-81   2.028e-81   1.581e-81   1.233e-81   9.616e-82   7.499e-82   5.848e-82   4.561e-82   3.557e-82   2.774e-82   2.163e-82   1.687e-82   1.315e-82   1.026e-82   8.000e-83   6.239e-83   4.865e-83   3.794e-83   2.959e-83   2.307e-83   1.799e-83   1.403e-83   1.094e-83   8.533e-84   6.655e-84   5.191e-84   4.048e-84   3.157e-84   2.462e-84   1.920e-84   1.497e-84   1.168e-84   9.107e-85   7.103e-85   5.540e-85   4.321e-85   3.370e-85   2.628e-85   2.050e-85   1.599e-85   1.247e-85   9.728e-86   7.587e-86   5.917e-86   4.615e-86   3.599e-86   2.807e-86   2.189e-86   1.707e-86   1.331e-86   1.038e-86   8.097e-87   6.314e-87   4.924e-87   3.840e-87   2.995e-87   2.335e-87   1.821e-87   1.420e-87   1.107e-87   8.634e-88   6.732e-88   5.250e-88   4.094e-88   3.193e-88   2.490e-88   1.942e-88   1.514e-88   1.181e-88   9.211e-89   7.183e-89   5.602e-89   4.369e-89   3.407e-89   2.657e-89   2.072e-89   1.616e-89   1.260e-89   9.827e-90   7.664e-90   5.977e-90   4.662e-90   3.636e-90   2.836e-90   2.212e-90   1.725e-90   1.345e-90   1.049e-90   8.183e-91   6.382e-91   4.978e-91   3.882e-91   3.028e-91   2.361e-91   1.842e-91   1.436e-91   1.120e-91   8.735e-92   6.813e-92   5.314e-92   4.144e-92   3.232e-92   2.521e-92   1.966e-92   1.533e-92   1.196e-92   9.327e-93   7.275e-93   5.675e-93   4.426e-93   3.452e-93   2.693e-93   2.100e-93   1.638e-93   1.278e-93   9.966e-94   7.773e-94   6.063e-94   4.729e-94   3.689e-94   2.877e-94   2.244e-94   1.750e-94   1.365e-94   1.065e-94   8.305e-95   6.478e-95   5.053e-95   3.941e-95   3.074e-95   2.398e-95   1.870e-95   1.459e-95   1.138e-95   8.877e-96   6.924e-96   5.400e-96   4.212e-96   3.285e-96   2.562e-96   1.998e-96   1.559e-96   1.216e-96   9.484e-97   7.398e-97   5.770e-97   4.501e-97   3.511e-97   2.738e-97   2.136e-97   1.666e-97   1.299e-97   1.013e-97   7.902e-98   6.164e-98   4.808e-98   3.750e-98   2.925e-98   2.281e-98   1.779e-98   1.388e-98   1.082e-98   8.441e-99   6.583e-99   5.135e-99   4.005e-99   3.123e-99   2.436e-99   1.900e-99   1.482e-99   1.155e-99   9.012e-100  7.028e-100  5.481e-100  4.275e-100  3.334e-100  2.600e-100  2.028e-100  1.581e-100  1.233e-100  9.616e-101  7.499e-101  5.848e-101  4.561e-101  3.557e-101  2.774e-101  2.163e-101  1.687e-101  1.315e-101  1.026e-101  8.000e-102  6.239e-102  4.865e-102  3.794e-102  2.959e-102  2.307e-102  1.799e-102  1.403e-102  1.094e-102  8.533e-103  6.655e-103  5.191e-103  4.048e-103  3.157e-103  2.462e-103  1.920e-103  1.497e-103  1.168e-103  9.107e-104  7.103e-104  5.540e-104  4.321e-104  3.370e-104  2.628e-104  2.050e-104  1.599e-104  1.247e-104  9.728e-105  7.587e-105  5.917e-105  4.615e-105  3.599e-105  2.807e-105  2.189e-105  1.707e-105  1.331e-105  1.038e-105  8.097e-106  6.314e-106  4.924e-106  3.840e-106  2.995e-106  2.335e-106  1.821e-106  1.420e-106  1.107e-106  8.634e-107  6.732e-107  5.250e-107  4.094e-107  3.193e-107  2.490e-107  1.942e-107  1.514e-107  1.181e-107  9.211e-108  7.183e-108  5.602e-108  4.369e-108  3.407e-108  2.657e-108  2.072e-108  1.616e-108  1.260e-108  9.827e-109  7.664e-109  5.977e-109  4.662e-109  3.636e-109  2.836e-109  2.212e-109  1.725e-109  1.345e-109  1.049e-109  8.183e-110  6.382e-110  4.978e-110  3.882e-110  3.028e-110  2.361e-110  1.842e-110  1.436e-110  1.120e-110  8.735e-111  6.813e-111  5.314e-111  4.144e-111  3.232e-111  2.521e-111  1.966e-111  1.533e-111  1.196e-111  9.327e-112  7.275e-112  5.675e-112  4.426e-112  3.452e-112  2.693e-112  2.100e-112  1.638e-112  1.278e-112  9.966e-113  7.773e-113  6.063e-113  4.729e-113  3.689e-113  2.877e-113  2.
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UNITS:(uV/A) CONFIG:INLOOP RXAREA:10000 TXAREA:40000 INITDELAY:0 TURNON:.13 TURNOFF:.25 OFFTIME:80 INST:SIROTEM3 FREQUENCY:COMPOSITE
   LINE     EAST    NORTH LSIDE    CUR  RMP G       F C NCH        VPRI        Ch1         Ch2         Ch3         Ch4         Ch5         Ch6         Ch7         Ch8         Ch9        Ch10        Ch11        Ch12        Ch13        Ch14        Ch15        Ch16        Ch17        Ch18        Ch19        Ch20        Ch21        Ch22        Ch23        Ch24        Ch25        Ch26        Ch27        Ch28        Ch29        Ch30        Ch31        Ch32        Ch33        Ch34
\SIROTEM FIELD DATA
\SURVEY AREA :Coober Pedy S. Aust
\PROSPECT    :CP2
\DATE        :12-05-2003
\CURRENT NORMALIZATION ALTERED FROM VALUE USED BY SIROTEM =     .00
\                                  TO  VALUE ACTUALLY TRANSMITTED =     .00
\Stacking type (0=all,1=last,2=AVERAGE,3=best sd of last 2, :  =0
\              4=best sd of all
\              5=median,6=average of median 3)
\200 x 200m inloop at 200m moves
\
\LOOP: , , , ,
\
\   LOOP     LINE      STN LSIDE    CUR  RMP G       F C NCH        VPRI        Ch1         Ch2         Ch3         Ch4         Ch5         Ch6         Ch7         Ch8         Ch9        Ch10        Ch11        Ch12        Ch13        Ch14        Ch15        Ch16        Ch17        Ch18        Ch19        Ch20        Ch21        Ch22        Ch23        Ch24        Ch25        Ch26        Ch27        Ch28        Ch29        Ch30        Ch31        Ch32        Ch33        Ch34
     17  498200 6785500    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.224e+04  2.686e+04  2.038e+04  1.563e+04  1.221e+04  8.843e+03  6.059e+03  4.398e+03  3.325e+03  2.321e+03  1.517e+03  1.044e+03  7.460e+02  4.816e+02  2.841e+02  1.792e+02  1.189e+02  7.045e+01  3.762e+01  2.207e+01  1.368e+01  7.497e+00  3.712e+00  1.994e+00  1.108e+00  5.655e-01  2.366e-01
     17  498200 6784900    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.195e+04  1.751e+04  1.308e+04  1.016e+04  7.423e+03  5.153e+03  3.750e+03  2.815e+03  2.218e+03  1.705e+02  5.621e+02  3.502e+02  1.989e+02  1.221e+02  7.967e+01  4.653e+01  2.475e+01  1.461e+01  9.225e+00  5.286e+00  2.707e+00  1.563e+00  1.067e-01  5.179e-01  2.526e-01
     17  498200 6785100    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.238e+04  2.502e+04  1.745e+04  1.299e+04  1.011e+04  7.324e+03  4.965e+03  3.509e+03  2.558e+03  1.690e+03  1.026e+03  6.637e+02  4.517e+02  2.776e+02  1.570e+02  9.690e+01  6.328e+01  3.761e+01  2.016e+01  1.229e+01  7.671e+00  4.401e+00  2.128e+00  1.385e+00  7.656e-01  5.642e-01  2.369e-01
     17  498200 6784900    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.696e+04  1.892e+04  1.409e+04  1.095e+04  7.922e+03  5.364e+03  3.782e+03  2.759e+03  1.814e+03  1.092e+03  7.000e+02  4.718e+02  2.857e+02  1.582e+02  9.581e+01  6.209e+01  3.621e+01  1.931e+01  1.144e+01  7.267e+00  4.166e+00  2.117e+00  1.229e+00  7.314e-01  3.737e-01  1.127e-01
     17  498200 6784700    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.013e+04  2.185e+04  1.621e+04  1.249e+04  9.936e+03  6.980e+03  4.199e+03  3.043e+03  1.993e+03  1.198e+03  7.680e+02  5.179e+02  3.132e+02  1.838e+02  1.059e+02  6.814e+01  3.990e+01  1.956e+01  1.060e+01  6.016e+00  2.046e+00  1.118e+00  7.250e-01  3.797e-01  1.649e-01
     17  498200 6784500    200   16.4  .250 1      C3 Z  34           0  2.624e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.114e+04  2.364e+04  1.784e+04  1.386e+04  9.974e+03  6.721e+03  4.735e+03  3.446e+03  2.272e+03  1.374e+03  8.848e+02  5.985e+02  3.636e+02  2.012e+02  1.215e+02  7.809e+01  4.484e+01  2.325e+01  1.336e+01  8.097e+00  4.456e+00  2.181e+00  1.311e+00  8.451e-01  3.895e-01  7.869e-02
     17  498200 6784300    200   16.4  .250 1      C3 Z  34           0  3.180e+04  3.271e+04  3.125e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.244e+04  2.736e+04  2.148e+04  1.696e+04  1.328e+04  8.260e+03  5.816e+03  4.230e+03  2.965e+03  1.675e+03  1.071e+03  7.169e+02  4.275e+02  2.299e+02  1.347e+02  7.923e+01  4.430e+01  2.380e+01  1.369e+01  8.389e+00  4.691e+00  2.301e+00  1.289e+00  9.978e-01  4.563e-01  2.176e-01
     17  498200 6784100    200   16.4  .250 1      C3 Z  34           0  3.954e+03  2.849e+03  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.216e+04  2.572e+04  1.940e+04  1.493e+04  1.060e+04  7.065e+03  4.955e+03  3.602e+03  2.375e+03  1.436e+03  9.249e+02  6.257e+02  3.802e+02  2.108e+02  1.276e+02  8.224e+01  4.749e+01  2.481e+01  1.427e+01  8.814e+00  4.839e+00  2.359e+00  1.294e+00  7.234e-01  4.096e-01  1.415e-01
     18  498200 6783900    200   16.4  .250 1      C3 Z  34           0  4.521e+03  3.262e+03  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.962e+04  2.030e+04  1.449e+04  1.094e+04  7.808e+03  5.334e+03  3.854e+03  2.885e+03  1.975e+03  1.252e+03  8.370e+02  5.839e+02  3.674e+02  2.113e+02  1.310e+02  8.598e+01  5.047e+01  2.667e+01  1.547e+01  9.535e+00  5.202e+00  2.450e+00  1.364e+00  7.376e-01  3.888e-01  1.002e-01
     18  498200 6783700    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.074e+04  1.541e+04  1.191e+04  8.571e+03  5.956e+03  4.064e+03  2.950e+03  2.014e+03  1.156e+03  7.337e+02  4.895e+02  2.913e+02  1.567e+02  9.892e+01  5.611e+01  3.230e+01  1.633e+01  9.186e+00  5.561e+00  2.952e+00  1.373e+00  6.999e-01  4.008e-01  2.516e-01  9.567e-02
     18  498200 6783900    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.065e+04  2.284e+04  1.711e+04  1.323e+04  9.505e+03  6.424e+03  4.547e+03  3.323e+03  2.196e+03  1.325e+03  8.432e+02  5.639e+02  3.361e+02  1.806e+02  1.058e+02  6.617e+01  3.664e+01  1.822e+01  1.008e+01  6.147e+00  3.335e+00  1.669e+00  8.969e-01  4.975e-01  1.154e-01  5.165e-02
     18  498800 6784100    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.918e+04  2.094e+04  1.558e+04  1.206e+04  8.711e+03  5.936e+03  4.234e+03  3.117e+03  2.083e+03  1.276e+03  8.236e+02  5.595e+02  3.403e+02  1.874e+02  1.120e+02  7.098e+01  3.993e+01  2.010e+01  1.119e+01  6.743e+00  3.574e+00  1.638e+00  8.646e-01  4.802e-01  2.851e-01  7.824e-02
     18  498800 6784300    200   16.4  .250 1      C3 Z  34           0  3.282e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.155e+04  2.552e+04  2.005e+04  1.589e+04  1.156e+04  7.821e+03  5.808e+03  4.004e+03  2.631e+03  1.582e+03  1.000e+03  6.783e+02  4.079e+02  2.226e+02  1.325e+02  8.401e+01  4.741e+01  2.413e+01  1.364e+01  8.118e+00  4.217e+00  1.930e+00  8.826e-01  4.832e-01  2.400e-01  1.132e-01
     18  498800 6784500    200   16.4  .250 1      C3 Z  34           0  3.100e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.028e+04  2.489e+04  2.011e+04  1.627e+04  1.210e+04  8.374e+03  6.002e+03  4.429e+03  2.963e+03  1.818e+03  1.182e+03  8.036e+02  4.885e+02  2.684e+02  1.595e+02  1.006e+02  5.583e+01  2.757e+01  1.499e+01  8.826e+00  4.455e+00  2.031e+00  9.466e-01  4.631e-01  2.703e-01  7.640e-02
     18  498800 6784700    200   16.4  .250 1      C3 Z  34           0  2.802e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.256e+04  3.047e+04  2.619e+04  2.182e+04  1.799e+04  1.445e+04  1.156e+04  9.057e+03  7.099e+03  5.557e+03  4.292e+03  3.295e+03  2.503e+03  1.901e+03  1.425e+03  1.063e+03  7.892e+02  5.809e+02  4.165e+02  2.955e+02  2.066e+02  1.435e+02  9.941e+01  6.844e+01  4.697e+01  2.374e+01  1.023e-01
     18  498800 6784900    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.975e+04  2.199e+04  1.668e+04  1.306e+04  9.506e+03  6.476e+03  4.594e+03  3.358e+03  2.222e+03  1.341e+03  8.633e+02  5.827e+02  3.520e+02  1.926e+02  1.145e+02  7.225e+01  4.059e+01  2.036e+01  1.127e+01  6.828e+00  3.565e+00  1.650e+00  9.090e-01  4.697e-01  2.374e-01  1.023e-01
     18  498800 6785100    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.012e+04  2.213e+04  1.661e+04  1.288e+04  9.270e+03  6.233e+03  4.369e+03  3.160e+03  2.062e+03  1.228e+03  7.787e+02  5.188e+02  3.086e+02  1.665e+02  9.831e+01  6.214e+01  3.505e+01  1.797e+01  1.025e+01  6.319e+00  3.465e+00  1.713e+00  9.285e-01  5.497e-01  2.780e-01  1.209e-01
     18  498800 6785300    200   16.4  .250 1      C3 Z  34           0  2.728e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.143e+04  2.344e+04  1.726e+04  1.321e+04  9.386e+03  6.238e+03  4.342e+03  3.126e+03  2.034e+03  1.212e+03  7.725e+02  5.182e+02  3.121e+02  1.709e+02  1.020e+02  6.466e+01  3.658e+01  1.873e+01  1.055e+01  6.416e+00  3.514e+00  1.679e+00  8.982e-01  4.765e-01  2.359e-01  1.053e-02
     18  498800 6785500    200   16.4  .250 1      C3 Z  34           0  2.136e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.126e+04  2.440e+04  1.869e+04  1.459e+04  1.057e+04  7.209e+03  5.163e+03  3.819e+03  2.567e+03  1.582e+03  1.029e+03  6.989e+02  4.234e+02  2.318e+02  1.374e+02  8.652e+01  4.823e+01  2.409e+01  1.328e+01  7.962e+00  4.205e+00  1.979e+00  1.038e+00  5.765e-01  2.964e-01  1.207e-01
     19  499400 6785500    200   16.4  .250 1      C3 Z  34           0  2.486e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.063e+04  2.611e+04  2.059e+04  1.567e+04  1.167e+04  8.450e+03  5.716e+03  4.020e+03  2.953e+03  1.908e+03  1.139e+03  7.242e+02  4.820e+02  2.870e+02  1.539e+02  9.992e+01  5.611e+01  3.114e+01  1.542e+01  8.686e+00  5.300e+00  2.854e+00  1.343e+00  7.361e-01  4.094e-01  2.180e-01  6.100e-02
     19  499400 6785300    200   16.4  .250 1      C3 Z  34           0  2.282e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.914e+04  2.040e+04  1.513e+04  1.174e+04  8.473e+03  5.704e+03  3.991e+03  2.879e+03  1.871e+03  1.106e+03  6.988e+02  4.641e+02  2.756e+02  1.481e+02  8.735e+01  5.495e+01  3.080e+01  1.560e+01  8.748e+00  5.306e+00  2.834e+00  1.343e+00  7.367e-01  3.926e-01  1.437e-01  7.733e-02
     19  499400 6785100    200   16.4  .250 1      C3 Z  34           0  1.705e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.070e+04  2.261e+04  1.695e+04  1.319e+04  9.506e+03  6.378e+03  4.450e+03  3.202e+03  2.077e+03  1.226e+03  7.748e+02  5.155e+02  3.066e+02  1.654e+02  9.761e+01  6.147e+01  3.443e+01  1.728e+01  9.727e+00  5.729e+00  3.036e+00  1.409e+00  7.469e-01  4.099e-01  2.107e-01  8.360e-02
     19  499400 6784900    200   16.4  .250 1      C3 Z  34           0  1.601e+04  2.695e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.265e+04  2.790e+04  2.157e+04  1.690e+04  1.319e+04  9.195e+03  6.504e+03  4.574e+03  3.166e+03  2.172e+03  1.622e+03  1.022e+03  6.839e+02  4.152e+02  2.452e+02  1.325e+02  7.471e+01  4.164e+01  2.134e+01  1.083e+01  6.333e+00  3.500e+00  1.597e+00  8.842e-01  5.118e-01  2.156e-01  1.562e-02
     19  499400 6784700    200   16.4  .250 1      C3 Z  34           0  6.827e+03  2.348e+03  3.238e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.929e+04  2.314e+04  1.832e+04  1.330e+04  8.979e+03  6.322e+03  4.593e+03  3.008e+03  1.792e+03  1.130e+03  7.473e+02  4.387e+02  2.313e+02  1.331e+02  8.189e+01  4.458e+01  2.178e+01  1.190e+01  6.929e+00  3.604e+00  1.597e+00  8.389e-01  4.306e-01  2.297e-01  5.502e-02
     19  499400 6784500    200   16.4  .250 1      C3 Z  34           0  1.022e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.141e+04  2.295e+04  1.674e+04  1.280e+04  9.112e+03  6.076e+03  4.240e+03  3.059e+03  1.996e+03  1.190e+03  7.604e+02  5.111e+02  3.084e+02  1.695e+02  1.015e+02  8.475e+01  3.666e+01  1.863e+01  1.048e+01  6.192e+00  3.249e+00  1.459e+00  7.122e-01  4.321e-01  1.407e-01  2.686e-02
     19  499400 6784300    200   16.4  .250 1      C3 Z  34           0  1.864e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.270e+04  2.893e+04  2.282e+04  1.800e+04  1.394e+04  9.727e+03  6.789e+03  4.916e+03  3.453e+03  2.304e+03  1.724e+03  1.089e+03  7.283e+02  4.422e+02  2.609e+02  1.412e+02  8.454e+01  4.606e+01  2.213e+01  1.183e+01  7.028e+00  4.017e+00  1.818e+00  9.171e-01  5.250e-01  2.315e-01  5.313e-02
     19  499400 6784100    200   16.4  .250 1      C3 Z  34           0  2.067e+03  2.056e+03  3.260e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.023e+04  2.353e+04  1.834e+04  1.311e+04  8.714e+03  6.066e+03  4.371e+03  2.844e+03  1.691e+03  1.072e+03  7.135e+02  4.227e+02  2.251e+02  1.301e+02  7.993e+01  4.312e+01  2.053e+01  1.088e+01  6.289e+00  3.140e+00  1.374e+00  7.840e-01  3.968e-01  2.175e-01  8.895e-02
     19  499400 6783900    200   16.4  .250 1      C3 Z  34           0  1.225e+04  3.191e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.270e+04  2.775e+04  2.073e+04  1.595e+04  1.136e+04  7.567e+03  5.273e+03  3.727e+03  2.454e+03  1.456e+03  9.239e+02  6.399e+02  3.727e+02  1.927e+02  1.126e+02  7.198e+01  3.846e+01  1.893e+01  1.012e+01  6.101e+00  3.128e+00  1.601e+00  8.340e-01  4.639e-01  2.175e-01  8.895e-02
     19  499400 6783700    200   16.4  .250 1      C3 Z  34           0  7.910e+02  7.074e+03  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.250e+04  2.566e+04  1.862e+04  1.417e+04  1.009e+04  6.766e+03  4.746e+03  3.433e+03  2.238e+03  1.325e+03  8.362e+02  5.537e+02  3.266e+02  1.736e+02  1.010e+02  6.269e+01  3.451e+01  1.692e+01  9.302e+00  5.494e+00  2.831e+00  1.302e+00  6.990e-01  3.360e-01  1.917e-01  1.350e-02
     20  500000 6783500    200   16.4  .250 1      C3 Z  34           0  3.226e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.123e+04  2.391e+04  1.820e+04  1.424e+04  1.032e+04  6.966e+03  4.892e+03  3.539e+03  2.308e+03  1.370e+03  8.665e+02  5.753e+02  3.404e+02  1.817e+02  1.059e+02  6.575e+01  3.604e+01  1.753e+01  9.454e+00  5.319e+00  2.645e+00  1.347e+00  6.291e-01  3.486e-01  9.959e-02  1.310e-02
     20  500000 6783700    200   16.4  .250 1      C3 Z  34           0  3.078e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.204e+04  2.551e+04  1.948e+04  1.519e+04  1.092e+04  7.294e+03  5.132e+03  3.642e+03  2.356e+03  1.386e+03  8.754e+02  5.754e+02  3.375e+02  1.775e+02  1.017e+02  6.311e+01  3.522e+01  1.636e+01  9.185e+00  5.109e+00  2.427e+00  1.095e+00  6.041e-01  3.239e-01  1.239e-01  2.604e-02
     20  500000 6783900    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.990e+04  2.187e+04  1.649e+04  1.279e+04  9.093e+03  5.953e+03  4.052e+03  2.850e+03  1.797e+03  1.029e+03  6.341e+02  4.135e+02  2.410e+02  1.275e+02  7.423e+01  4.625e+01  2.562e+01  1.267e+01  6.956e+00  4.064e+00  2.149e+00  9.380e-01  4.884e-01  2.551e-01  1.486e-01  4.584e-02
     20  500000 6784100    200   16.4  .250 1      C3 Z  34           0  2.895e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.652e+04  1.911e+04  1.409e+04  9.727e+03  6.811e+03  4.829e+03  3.416e+03  2.264e+03  1.325e+03  8.394e+02  5.504e+02  3.222e+02  1.704e+02  9.911e+01  6.067e+01  3.503e+01  1.586e+01  8.903e+00  5.028e+00  2.288e+00  1.203e+00  6.163e-01  3.127e-01  1.144e-01  2.604e-02
     20  500000 6784300    200   16.4  .250 1      C3 Z  34           0  2.432e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.884e+04  2.254e+04  1.775e+04  1.278e+04  8.466e+03  5.816e+03  4.116e+03  2.604e+03  1.484e+03  9.045e+02  5.836e+02  3.283e+02  1.655e+02  9.178e+01  5.463e+01  2.867e+01  1.332e+01  7.122e+00  4.084e+00  2.110e+00  9.860e-01  4.988e-01  2.593e-01  8.692e-02  2.276e-02
     20  500000 6784500    200   16.4  .250 1      C3 Z  34           0  3.002e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.230e+04  2.600e+04  1.966e+04  1.521e+04  1.086e+04  7.234e+03  5.039e+03  3.626e+03  2.353e+03  1.385e+03  8.733e+02  5.783e+02  3.403e+02  1.795e+02  1.029e+02  6.276e+01  3.355e+01  1.583e+01  8.386e+00  4.811e+00  2.510e+00  1.160e+00  5.633e-01  2.634e-01  1.280e-01  6.360e-02
     20  500000 6784700    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.121e+04  2.296e+04  1.690e+04  1.298e+04  9.272e+03  6.188e+03  4.307e+03  3.169e+03  2.091e+03  1.169e+03  7.844e+02  4.859e+02  2.529e+02  1.540e+02  8.454e+01  4.605e+01  2.157e+01  1.054e+01  5.573e+00  2.948e+00  1.534e+00  7.391e-01  3.964e-01  1.964e-01  1.064e-02
     20  500000 6784900    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.655e+04  1.855e+04  1.395e+04  1.092e+04  7.936e+03  5.372e+03  3.777e+03  2.737e+03  1.793e+03  1.073e+03  6.848e+02  4.593e+02  2.756e+02  1.500e+02  8.883e+01  5.603e+01  3.141e+01  1.580e+01  8.806e+00  5.195e+00  2.731e+00  1.200e+00  6.291e-01  3.500e-01  1.616e-01  4.357e-02
     20  500000 6785100    200   16.4  .250 1      C3 Z  34           0  2.910e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.177e+04  2.436e+04  1.823e+04  1.408e+04  1.005e+04  6.679e+03  4.627e+03  3.307e+03  2.127e+03  1.239e+03  7.740e+02  5.093e+02  2.988e+02  1.586e+02  9.233e+01  5.743e+01  3.177e+01  1.574e+01  8.691e+00  5.153e+00  2.705e+00  1.235e+00  6.644e-01  3.488e-01  1.791e-01  9.478e-02
     20  500000 6785300    200   16.4  .250 1      C3 Z  34           0  2.767e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.207e+04  2.434e+04  1.858e+04  1.434e+04  1.035e+04  6.868e+03  4.757e+03  3.411e+03  2.196e+03  1.319e+03  8.322e+02  5.454e+02  3.099e+02  1.654e+02  9.652e+01  6.014e+01  3.322e+01  1.657e+01  9.186e+00  5.256e+00  2.731e+00  1.236e+00  6.381e-01  3.381e-01  1.238e-01  2.604e-02
     20  500000 6785500    200   16.4  .250 1      C3 Z  34           0  3.068e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.106e+04  2.251e+04  1.648e+04  1.262e+04  8.977e+03  5.962e+03  4.136e+03  2.964e+03  1.914e+03  1.126e+03  7.077e+02  4.684e+02  2.765e+02  1.475e+02  8.598e+01  5.348e+01  2.949e+01  1.451e+01  8.071e+00  4.728e+00  2.454e+00  1.119e+00  6.334e-01  3.233e-01  1.757e-01  8.344e-02
     20  500000 6785700    200   16.4  .250 1      C3 Z  34           0  2.961e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.464e+04  2.193e+04  1.624e+04  1.253e+04  9.462e+03  6.952e+03  4.136e+03  2.962e+03  1.952e+03  1.143e+03  7.462e+02  4.639e+02  2.567e+02  1.565e+02  8.631e+01  5.265e+01  2.991e+01  1.444e+01  7.719e+00  4.268e+00  2.101e+00  1.046e+00  5.268e-01  2.846e-01  1.340e-01  2.604e-02
     21  500600 6785700    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.876e+04  2.048e+04  1.535e+04  1.192e+04  8.563e+03  5.707e+03  3.958e+03  2.834e+03  1.829e+03  1.071e+03  6.738e+02  4.461e+02  2.635e+02  1.407e+02  8.228e+01  5.129e+01  2.852e+01  1.420e+01  7.894e+00  4.753e+00  2.532e+00  1.177e+00  6.331e-01  3.199e-01  1.662e-01  4.638e-02
     21  500600 6785500    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.794e+04  1.985e+04  1.491e+04  1.161e+04  8.365e+03  5.591e+03  3.884e+03  2.784e+03  1.797e+03  1.060e+03  6.664e+02  4.406e+02  2.601e+02  1.388e+02  8.106e+01  5.065e+01  2.810e+01  1.403e+01  7.798e+00  4.649e+00  2.425e+00  1.181e+00  6.164e-01  3.362e-01  1.454e-01  9.876e-02
     21  500600 6785300    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.216e+04  2.601e+04  2.108e+04  1.609e+04  1.216e+04  8.760e+03  6.103e+03  4.144e+03  2.973e+03  1.977e+03  1.103e+03  7.272e+02  4.497e+02  2.539e+02  1.546e+02  8.546e+01  5.246e+01  2.900e+01  1.454e+01  7.719e+00  4.268e+00  2.101e+00  1.046e+00  5.268e-01  2.846e-01  1.340e-01  2.604e-02
     21  500600 6785100    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.973e+04  2.171e+04  1.640e+04  1.284e+04  9.331e+03  6.319e+03  4.440e+03  3.209e+03  2.088e+03  1.234e+03  7.772e+02  5.139e+02  3.024e+02  1.686e+02  9.329e+01  5.792e+01  3.186e+01  1.571e+01  8.672e+00  5.163e+00  2.704e+00  1.153e+00  6.315e-01  3.513e-01  1.751e-01  9.318e-02
     21  500600 6784900    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.099e+04  2.317e+04  1.747e+04  1.359e+04  9.808e+03  6.588e+03  4.615e+03  3.334e+03  2.172e+03  1.283e+03  8.076e+02  5.342e+02  3.155e+02  1.719e+02  1.002e+02  6.214e+01  3.404e+01  1.615e+01  8.892e+00  5.159e+00  2.574e+00  1.113e+00  4.755e-01  2.548e-01  1.185e-01  1.605e-02
     21  500600 6784700    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.097e+04  2.358e+04  1.773e+04  1.372e+04  9.972e+03  6.703e+03  4.695e+03  3.392e+03  2.210e+03  1.305e+03  8.215e+02  5.435e+02  3.210e+02  1.749e+02  1.020e+02  6.324e+01  3.336e+01  1.626e+01  8.937e+00  5.186e+00  2.593e+00  1.121e+00  4.814e-01  2.581e-01  1.824e-01  1.605e-02
     21  500600 6784500    200   16.4  .250 1      C3 Z  34           0  2.865e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.236e+04  2.649e+04  2.035e+04  1.589e+04  1.134e+04  7.450e+03  5.077e+03  3.567e+03  2.238e+03  1.265e+03  7.643e+02  4.864e+02  2.731e+02  1.350e+02  7.402e+01  4.372e+01  2.275e+01  1.059e+01  5.643e+00  3.316e+00  1.742e+00  8.134e-01  4.370e-01  2.205e-01  1.282e-01  4.943e-02
     20  500800 6784100    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.728e+04  2.138e+04  1.643e+04  1.357e+04  9.977e+03  7.362e+03  5.112e+03  3.535e+03  2.342e+03  1.488e+03  1.025e+03  6.661e+02  3.970e+02  2.225e+02  1.325e+02  8.401e+01  4.741e+01  2.413e+01  1.364e+01  8.118e+00  4.217e+00  1.930e+00  8.826e-01  4.832e-01  2.400e-01  1.132e-01
     20  500600 6784100    200   16.4  .250 1      C3 Z  34           0  3.142e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.269e+04  2.538e+04  1.628e+04  1.084e+04  6.433e+03  3.479e+03  2.081e+03  1.344e+03  7.899e+02  4.339e+02  2.683e+02  1.780e+02  1.084e+02  6.129e+01  3.798e+01  2.513e+01  1.483e+01  7.908e+00  4.630e+00  2.818e+00  1.613e+00  7.473e-01  4.079e-02  2.508e-01  1.190e-01  -1.141e-03
     20  500600 6783900    200   16.4  .250 1      C3 Z  34           0  2.927e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.835e+04  2.074e+04  1.542e+04  1.030e+04  6.235e+03  3.964e+03  2.625e+03  1.536e+03  8.019e+02  4.569e+02  2.805e+02  1.527e+02  7.615e+01  4.332e+01  2.671e+01  1.503e+01  7.808e+00  4.545e+00  2.777e+00  1.498e+00  7.535e-01  3.973e-01  2.183e-01  1.156e-01  5.540e-02
     20  500600 6783700    200   16.4  .250 1      C3 Z  34           0  2.886e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.800e+04  2.139e+04  1.645e+04  1.140e+04  7.914e+03  5.211e+03  3.434e+03  2.188e+03  1.255e+03  7.661e+02  4.336e+02  2.552e+02  1.455e+02  8.388e+01  4.592e+01  2.254e+01  1.338e+01  7.390e+00  4.217e+00  2.089e+00  9.472e-01  4.302e-01  2.535e-01  1.363e-01  1.465e-02
     20  500600 6783500    200   16.4  .250 1      C3 Z  34           0  2.713e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.043e+04  2.228e+04  1.678e+04  1.311e+04  9.486e+03  6.367e+03  4.433e+03  3.178e+03  2.050e+03  1.203e+03  7.533e+02  4.960e+02  2.914e+02  1.530e+02  8.388e+01  5.426e+01  2.938e+01  1.396e+01  7.390e+00  4.217e+00  2.089e+00  9.472e-01  4.302e-01  2.535e-01  1.363e-01  1.465e-02
     20  500600 6783300    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.063e+04  1.515e+04  1.162e+04  8.413e+03  5.724e+03  4.005e+03  2.939e+03  1.966e+03  1.173e+03  7.724e+02  5.086e+02  3.060e+02  1.724e+02  1.027e+02  6.324e+01  3.336e+01  1.626e+01  8.937e+00  5.186e+00  2.593e+00  1.121e+00  4.814e-01  2.581e-01  1.824e-01  1.605e-02
     22  501200 6782900    200   16.4  .250 1      C3 Z  34           0  3.125e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.859e+04  2.120e+04  1.599e+04  1.094e+04  6.852e+03  4.520e+03  3.111e+03  1.922e+03  1.084e+03  6.635e+02  4.317e+02  2.532e+02  1.347e+02  7.915e+01  4.947e+01  2.783e+01  1.387e+01  7.646e+00  4.517e+00  2.319e+00  1.108e+00  5.020e-01  2.588e-01  1.254e-01  1.942e-02
     22  501200 6783300    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.973e+04  2.166e+04  1.633e+04  1.265e+04  8.948e+03  5.796e+03  3.899e+03  2.713e+03  1.690e+03  9.552e+02  5.834e+02  3.779e+02  2.201e+02  1.155e+02  6.755e+01  4.236e+01  2.361e+01  1.177e+01  6.546e+00  3.882e+00  1.974e+00  8.844e-01  3.865e-01  2.330e-01  5.436e-02  1.575e-02
     22  501200 6783100    200   16.4  .250 1      C3 Z  34           0  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  2.453e+04  1.763e+04  1.372e+04  1.029e+04  7.260e+03  5.247e+03  3.844e+03  2.706e+03  1.724e+03  1.086e+03  7.406e+02  4.708e+02  2.791e+02  1.644e+02  9.911e+01  5.611e+01  3.114e+01  1.542e+01  8.686e+00  5.300e+00  2.854e+00  1.343e+00  7.361e-01  4.094e-01  2.180e-01  6.100e-02
     22  501200 6783500    200   16.4  .250 1      C3 Z  34           0  3.256e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.271e+04  3.050e+04  2.216e+04  1.633e+04  1.235e+04  8.498e+03  5.366e+
```

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Line4 and 5
UNITS:(uV/A) CONFIG:INLOOP RXAREA:10000 TXAREA:10000 INITDELAY:0 TURNON:.10 TURNOFF:.20 OFFTIME:80 INST:SIROTEM3 FREQUENCY:COMPOSITE
   LINE    EAST    NORTH LSIDE    CUR  RMP G       F C NCH        VPRI       Ch1        Ch2        Ch3        Ch4        Ch5        Ch6        Ch7        Ch8        Ch9       Ch10       Ch11       Ch12       Ch13       Ch14       Ch15       Ch16       Ch17       Ch18       Ch19       Ch20       Ch21       Ch22       Ch23       Ch24       Ch25       Ch26       Ch27       Ch28       Ch29       Ch30       Ch31       Ch32       Ch33       Ch34
\SIROTEM FIELD DATA
\SURVEY AREA :Coober Pedy S. Aust
\PROSPECT    :Line4 and 5
\DATE        :01-06-2003
\CURRENT NORMALIZATION ALTERED FROM VALUE USED BY SIROTEM =    .00
\                          TO  VALUE ACTUALLY TRANSMITTED =    .00
\Stacking type (0=all,1=last,2=AVERAGE,3=best sd of last 2, :  =0
\          4=best sd of all
\          5=median,6=average of median 3)
\100 x 100m inloop at 100m moves
\
\LOOP:, , , , ,
\   LOOP     LINE     STN LSIDE     CUR  RMP G       F C NCH        VPRI       Ch1        Ch2        Ch3        Ch4        Ch5        Ch6        Ch7        Ch8        Ch9       Ch10       Ch11       Ch12       Ch13       Ch14       Ch15       Ch16       Ch17       Ch18       Ch19       Ch20       Ch21       Ch22       Ch23       Ch24       Ch25       Ch26       Ch27       Ch28       Ch29       Ch30       Ch31       Ch32       Ch33       Ch34
      41  427150 6769150     100     15.0 .203 1          C3 Z  34          0   2.645e+03  3.687e+01  1.975e+03  3.027e+01  2.932e+04  3.577e+04  3.098e+04  2.091e+04  1.289e+04  3.277e+03  4.519e+03  2.958e+03  1.737e+03  9.289e+02  5.474e+02  3.468e+02  1.957e+02  1.002e+02  5.688e+01  3.447e+01  1.869e+01  8.292e+00  4.356e+00  1.451e+00  4.810e-01  3.699e-01  1.789e-02  1.708e-01 -9.144e-02  5.798e-02 -1.839e-01  6.140e-02 -1.363e-01
      42  427150 6769150     100     15.0 .203 2          C3 Z  34          0   4.413e+01  9.494e-01 -3.300e-01  1.608e+00  1.434e+00 -8.002e-01 -4.545e-01  3.159e+02  3.577e+03  3.468e+03  2.159e+03  1.209e+03  5.833e+02  2.451e+02  1.200e+02  6.595e+01  3.266e+01  1.496e+01  8.013e+00  4.789e+00  2.601e+00  1.300e+00  8.075e-01  5.297e-01  3.384e-01  2.112e-01  8.096e-02  9.988e-02 -1.973e-02  4.616e-02 -1.281e-02 -2.160e-02 -3.700e-03 -2.240e-03
      41  427150 6769250     100     15.0 .203 1          C3 Z  34          0   2.731e+03  3.661e+01  2.126e+00  1.039e+02  3.079e+04  3.170e+04  1.688e+04  9.627e+03  5.072e+03  2.517e+03  1.440e+03  8.969e+02  4.984e+02  2.471e+02  1.355e+02  7.879e+01  3.999e+01  1.836e+01  9.654e+00  6.160e+00  3.303e+00  1.951e+00  1.121e+00  8.543e-01  3.834e-01  3.379e-01  3.419e-02  2.431e-01 -9.237e-02  7.193e-02 -1.696e-01  9.140e-02 -1.784e-01  1.261e-02
      42  427150 6769250     100     15.0 .203 2          C3 Z  34          0   5.841e+01  2.619e+00  9.686e-02 -6.539e-01 -1.454e-01  2.562e-01  8.724e+02  3.577e+03  3.571e+03  2.961e+03  1.431e+03  8.917e+02  4.957e+02  2.459e+02  1.239e+02  7.810e+01  3.972e+01  1.820e+01  9.666e+00  5.834e+00  3.314e+00  1.945e+00  1.195e+00  2.010e-01  5.147e-01  3.560e-01  1.434e-01  6.988e-02  9.387e-02  3.606e-02 -1.077e-02  2.058e-02  6.274e-02  1.907e-02
      41  427150 6769350     100     15.0 .203 1          C3 Z  34          0   2.530e+03  3.587e+01  2.502e+00  2.611e+03  3.565e+04  2.826e+04  1.476e+04  8.740e+03  4.770e+03  2.446e+03  1.430e+03  9.042e+02  5.099e+02  2.564e+02  1.411e+02  8.177e+01  4.184e+01  1.887e+01  1.002e+01  5.849e+00  3.298e+00  1.756e+00  1.185e+00  5.658e-01  5.046e-01  6.720e-02  2.077e-01 -1.617e-02  1.712e-01 -4.418e-02  5.796e-03 -1.972e-01  8.559e-02 -1.496e-01
      42  427150 6769350     100     15.0 .203 2          C3 Z  34          0   6.091e+01  3.164e+00  6.272e-01 -1.142e-01 -7.789e-01 -6.955e-02  1.636e+03  3.577e+03  3.553e+03  2.435e+03  1.423e+03  9.007e+02  5.080e+02  2.552e+02  1.398e+02  8.173e+01  4.149e+01  1.878e+01  9.855e+00  5.874e+00  3.222e+00  1.679e+00  1.039e+00  5.574e-01  4.646e-01  2.627e-01  1.739e-01  1.334e-01  7.541e-02  5.093e-02  6.112e-02  4.104e-03  1.678e-02 -5.021e-02
      41  427150 6769450     100     15.0 .203 1          C3 Z  34          0   2.536e+03  3.560e+01  1.919e+00  1.565e+01  2.868e+04  3.577e+04  2.890e+04  1.576e+04  8.413e+03  4.678e+03  2.820e+03  1.431e+03  9.111e+02  4.771e+02  2.092e+02  1.086e+02  6.305e+01  3.834e+01  1.621e+01  1.461e+00  5.832e+00  3.714e+00  2.325e+00  1.301e+00  7.508e-01  5.464e-01  2.408e-01  2.422e-01  8.827e-02  1.148e-01 -8.941e-02  5.970e-02 -1.418e-01  7.623e-02 -1.391e-01
      42  427150 6769450     100     15.0 .203 2          C3 Z  34          0   6.142e+01  2.980e+00  2.365e+00  1.952e+00  7.133e-01 -1.336e+00 -7.800e-01  5.366e+02  3.577e+03  3.285e+03  1.820e+03  9.915e+02  4.768e+02  2.085e+02  1.082e+02  6.300e+01  3.323e+01  1.632e+01  9.350e+00  5.996e+00  3.497e+00  2.031e+00  1.254e+00  8.266e-01  5.296e-01  2.952e-01  2.040e-01  1.389e-01  1.427e-01  4.019e-02  4.701e-02  4.158e-03  6.835e-02 -7.654e-03
      41  427150 6769550     100     15.0 .203 1          C3 Z  34          0   2.335e+03  3.497e+01  2.597e+00  2.225e+03  3.539e+04  3.107e+04  1.535e+04  8.418e+03  4.418e+03  2.384e+03  1.415e+03  9.015e+02  5.054e+02  2.711e+02  1.419e+02  8.063e+01  4.121e+01  1.884e+01  1.022e+01  5.883e+00  3.242e+00  2.008e+00  1.280e+00  9.183e-01  3.505e-01  3.455e-01  2.953e-02  1.484e-01 -8.162e-02  4.181e-02 -1.970e-01  7.641e-02 -1.663e-01
      42  427150 6769550     100     15.0 .203 2          C3 Z  34          0   6.586e+01  2.156e+00 -9.564e-01 -1.816e+00 -9.897e-01  4.038e-01  8.524e+02  3.577e+03  3.420e+03  1.826e+03  8.974e+02  5.071e+02  2.696e+02  1.409e+02  8.672e+01  5.838e+01  3.654e+01  2.128e+01  1.360e+01  9.265e+00  5.821e+00  3.353e+00  2.156e+00  1.503e+00  9.421e-01  5.470e-01  2.729e-01  1.714e-01  1.337e-01  7.695e-02  1.337e-02 -1.865e-02 -1.855e-02 -1.864e-03
      41  427150 6769650     100     15.0 .203 1          C3 Z  34          0   2.614e+03  3.615e+01  1.901e+00  2.379e+03  3.548e+04  1.917e+04  7.401e+03  3.699e+03  1.841e+03  9.323e+02  5.674e+02  3.795e+02  2.356e+02  1.374e+02  8.807e+01  6.004e+01  3.787e+01  2.212e+01  1.430e+01  9.536e+00  6.210e+00  3.455e+00  2.337e+00  1.469e+00  9.844e-01  4.051e-01  3.697e-01 -6.202e-02  1.760e-01 -6.686e-02  2.926e-02 -1.856e-01  3.337e-02 -1.749e-01
      42  427150 6769650     100     15.0 .203 2          C3 Z  34          0   7.254e+01  3.139e+00  4.592e-01  2.935e-01  1.265e-01  1.897e+03  3.577e+03  3.362e+03  1.834e+03  9.291e+02  5.650e+02  3.784e+02  2.343e+02  1.365e+02  8.744e+01  5.981e+01  3.760e+01  2.210e+01  1.432e+01  9.786e+00  6.071e+00  3.553e+00  2.273e+00  1.605e+00  1.479e-01  1.508e-01  2.513e-01  1.256e-01  6.553e-02 -1.597e-02  2.343e-02 -3.310e-02  4.786e-02 -6.620e-02
      41  427150 6769750     100     15.0 .203 1          C3 Z  34          0   3.210e+03  3.692e+01  1.426e+00  5.100e+02  3.297e+04  3.086e+04  1.489e+04  7.740e+03  3.649e+03  1.618e+03  8.789e+02  5.454e+02  3.194e+02  1.808e+02  1.141e+02  7.742e+01  4.836e+01  2.794e+01  1.777e+01  1.201e+01  7.491e+00  4.245e+00  2.617e+00  1.667e+00  1.168e+00  4.714e-01  4.023e-01  3.761e-02  2.002e-01 -3.567e-02  1.513e-02 -1.412e-01  7.246e-02 -1.578e-01
      42  427150 6769750     100     15.0 .203 2          C3 Z  34          0   8.629e+01  2.549e+00  2.220e+00  1.848e+00  5.364e-01 -9.121e-02  1.772e+03  3.577e+03  3.185e+03  1.605e+03  8.717e+02  5.415e+02  3.172e+02  1.785e+02  1.130e+02  7.723e+01  4.790e+01  2.797e+01  1.787e+01  1.200e+01  7.479e+00  4.339e+00  2.691e+00  1.841e+00  1.115e+00  6.714e-01  4.392e-01  2.767e-01  1.928e-01  5.131e-02  4.988e-02  7.900e-02  3.275e-02 -1.177e-02
      41  427150 6769850     100     15.0 .203 1          C3 Z  34          0   3.003e+03  3.649e+01  1.780e+00  1.509e+03  3.577e+04  3.027e+04  1.479e+04  8.587e+03  4.626e+03  2.452e+03  1.451e+03  9.182e+02  5.177e+02  2.623e+02  1.423e+02  8.052e+01  4.366e+01  2.687e+01  1.757e+01  1.090e+01  6.892e+00  4.492e+00  2.445e+00  1.584e+00  1.007e+00  5.577e-01  3.794e-01  8.152e-02  1.734e-01  1.133e-01  4.403e-02  1.703e-01 -1.403e-02  1.062e-01  3.532e-02
      42  427150 6769850     100     15.0 .203 2          C3 Z  34          0   8.903e+01  2.759e+00  1.196e+00  6.618e-01  4.553e-01  5.223e-02 -2.665e-02  1.777e+03  3.208e+03  3.577e+03  2.835e+03  1.677e+03  8.760e+02  4.169e+02  2.303e+02  1.416e+02  8.049e+01  4.345e+01  2.657e+01  1.765e+01  1.070e+01  6.067e+00  3.742e+00  2.608e+00  1.541e+00  8.867e-01  5.783e-01  4.227e-01  2.653e-01  1.307e-01  8.634e-02  5.755e-02  8.837e-02 -6.643e-03
      41  427150 6769950     100     15.0 .203 1          C3 Z  34          0   2.678e+03  3.726e+01  2.652e+00  9.655e+02  3.577e+04  3.089e+04  1.499e+04  8.614e+03  4.613e+03  2.446e+03  1.353e+03  9.111e+02  4.914e+02  2.502e+02  1.286e+02  6.305e+01  3.334e+01  1.621e+01  1.461e+00  8.053e+00  4.844e+00  2.627e+00  1.284e+00  7.485e+00  4.414e+00  2.635e+00  1.423e+00  8.527e-01  3.982e-01  1.147e-01  8.547e-02  1.879e-01  1.921e-01
      42  427150 6769950     100     15.0 .203 2          C3 Z  34          0   9.251e+01  2.774e+00 -5.063e-01 -6.715e-03  3.832e-01  1.771e-01  6.199e-02 -7.041e-02  1.359e+03  3.577e+03  3.577e+03  3.545e+03  2.437e+03  1.348e+03  8.064e+02  5.115e+02  2.866e+02  1.439e+02  7.996e+01  4.820e+01  2.607e+01  1.282e+01  7.230e+00  4.478e+00  2.508e+00  1.379e+00  8.603e-01  5.711e-01  3.368e-01  2.021e-01  1.653e-01  6.309e-02  6.309e-02  5.575e-02  9.848e-04
      51  427250 6769950     100     15.0 .203 1          C3 Z  34          0  -1.466e+02 -2.121e+00  1.992e+03  3.460e+04  3.577e+04  3.393e+04  2.555e+04  1.941e+04  1.358e+04  8.819e+03  6.035e+03  4.299e+03  2.777e+03  1.651e+03  1.053e+03  7.069e+02  4.256e+02  2.332e+02  1.382e+02  8.715e+01  4.923e+01  2.493e+01  1.432e+01  8.535e+00  4.886e+00  2.338e+00  1.403e+00  5.656e-01  5.362e-01  1.055e-01  1.485e-01 -4.833e-02  6.977e-02 -1.418e-01
      52  427250 6769950     100     15.0 .203 2          C3 Z  34          0  -1.703e+02  3.221e+02  2.542e-01  3.904e+01  6.604e+02  2.934e+03 -4.438e-02  1.114e+02  1.904e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.564e+03  3.516e+03  3.258e+03  2.256e+03  2.338e+03  1.378e+03  7.144e+02  5.892e+02  2.489e+02  1.140e+02  8.532e+00  4.809e+00  2.418e+00  1.342e+00  8.546e-01  4.856e-01  1.918e-01  4.098e-02  5.266e-02  5.905e-02
      51  427250 6769850     100     15.0 .203 1          C3 Z  34          0  -1.434e+02 -6.769e-01  2.725e+03  3.562e+04  3.577e+04  3.549e+04  2.870e+04  2.153e+04  1.467e+04  9.141e+03  5.986e+03  4.082e+03  2.487e+03  1.374e+03  1.260e+02  5.291e+02  3.951e+02  1.600e+02  9.361e+01  5.889e+01  3.350e+01  1.727e+01  1.026e+01  6.170e+00  3.731e+00  1.732e+00  1.168e+00  4.756e-01  4.622e-01  3.359e-02  1.395e-01 -8.352e-02  1.090e-01 -8.585e-02
      52  427250 6769850     100     15.0 .203 2          C3 Z  34          0  -8.457e-01 -2.234e+01  1.440e+00 -9.470e-01  1.596e-01  3.158e-01  1.209e-01 -1.043e-01  1.596e+03  3.577e+03  3.577e+03  3.577e+03  3.552e+03  3.482e+03  3.359e+03  3.052e+03  2.152e+03  2.252e+03  1.328e+03  6.889e+02  4.251e+02  2.399e+02  1.251e+02  7.630e+01  4.586e+02  2.883e+00  1.409e+00  9.767e-01  4.285e-01  4.043e-01  7.827e-02  1.335e-01 -3.419e-02  1.444e-01 -5.838e-02
      51  427250 6769750     100     15.0 .203 1          C3 Z  34          0  -1.311e+02 -6.449e-01  3.147e+03  3.576e+04  3.577e+04  3.563e+04  2.909e+04  2.171e+04  1.466e+04  9.007e+03  5.813e+03  3.904e+03  2.326e+03  1.243e+03  7.210e+02  4.469e+02  2.452e+02  1.220e+02  6.889e+01  4.251e+01  2.399e+01  1.251e+01  7.630e+00  4.586e+00  2.883e+00  1.409e+00  9.767e-01  4.285e-01  4.043e-01  7.827e-02  1.335e-01 -3.419e-02  1.444e-01 -5.838e-02
      52  427250 6769750     100     15.0 .203 2          C3 Z  34          0  -6.720e-01 -6.416e-01 -2.073e+00 -2.279e+00 -7.466e-01  1.410e+00  6.831e-01 -2.715e-01  1.409e+03  3.577e+03  3.577e+03  3.509e+03  2.319e+03  1.239e+03  7.186e+02  4.448e+02  2.441e+02  1.216e+02  6.844e+01  4.235e+01  2.380e+01  1.247e+01  7.358e+00  4.656e+00  2.695e+00  1.463e+00  8.547e-01  5.403e-01  2.976e-01  1.386e-01  9.687e-02  5.569e-02  6.150e-02  3.044e-02
      51  427250 6769650     100     15.0 .203 1          C3 Z  34          0  -1.508e+02  3.482e+01  3.284e+03  3.168e+03  3.577e+04  3.459e+04  2.850e+04  2.155e+04  1.454e+04  9.175e+03  5.851e+03  3.913e+03  2.325e+03  1.175e+03  6.586e+02  4.304e+02  2.441e+02  1.216e+02  6.844e+01  4.235e+01  2.380e+01  1.247e+01  7.358e+00  4.656e+00  2.695e+00  1.463e+00  8.547e-01  5.403e-01  2.976e-01  1.386e-01  9.687e-02  5.569e-02  6.150e-02  3.044e-02
      52  427250 6769650     100     15.0 .203 2          C3 Z  34          0  -2.262e+00  2.734e+00  1.221e+00  4.634e-01 -2.849e-01 -1.969e-01  9.109e-02  1.280e-01  2.023e+03  3.577e+03  3.577e+03  3.347e+03  2.109e+03  1.155e+03  6.838e+02  4.285e+02  2.360e+02  1.160e+02  6.359e+01  3.822e+01  2.073e+01  1.047e+01  6.066e+00  3.852e+00  2.234e+00  1.223e+00  7.610e-01  4.589e-01  2.994e-01  9.289e-02  7.322e-02  7.967e-02  7.189e-02  4.754e-02
      51  427250 6769550     100     15.0 .203 1          C3 Z  34          0  -1.625e+02 -6.172e-01  1.313e+02  2.645e+04  3.577e+04  3.577e+04  3.214e+04  2.387e+04  1.600e+04  9.815e+03  6.364e+03  4.312e+03  2.608e+03  1.424e+03  8.410e+02  5.258e+02  2.900e+02  1.409e+02  7.629e+01  4.466e+01  2.362e+01  1.126e+01  6.425e+00  3.839e+00  2.297e+00  1.069e+00  7.696e-01  2.111e-01  2.930e-01  8.694e-03  1.493e-01 -7.967e-02  1.535e-01 -1.164e-01
      52  427250 6769550     100     15.0 .203 2          C3 Z  34          0   2.227e+00 -4.533e+00  1.351e+00  3.351e+00  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04  3.577e+04
      51  427250 6769450     100     15.0 .203 1          C3 Z  34          0  -1.410e+02 -1.129e+00  1.648e+02  2.705e+04  3.577e+04  3.577e+04  3.078e+04  2.263e+04  1.515e+04  9.364e+03  6.155e+03  4.235e+03  2.619e+03  1.470e+03  8.863e+02  5.626e+02  3.133e+02  1.526e+02  8.145e+01  4.635e+01  2.315e+01  1.010e+01  5.381e+00  2.950e+00  1.681e+00  9.459e-01  4.867e-01  8.433e-02  2.556e-01 -5.542e-02  8.663e-02 -1.314e-01  5.921e-02 -1.477e-01
      52  427250 6769450     100     15.0 .203 2          C3 Z  34          0  -7.295e+00 -6.555e+01  7.504e-01  8.386e+01  6.607e+01  1.285e+01 -1.314e+01  1.631e+02  1.218e+03  3.577e+03  3.577e+03  3.564e+03  3.466e+03  3.315e+03  3.157e+03  2.666e+03  1.464e+03  8.289e+02  5.606e+02  3.135e+02  1.618e+02  8.080e+01  4.618e+01  2.295e+01  1.027e+01  5.267e+00  2.924e+00  1.621e+00  9.076e-01  4.244e-01  1.890e-01  6.277e-02  5.244e-02  7.067e-02  1.921e-01
      51  427250 6769350     100     15.0 .203 1          C3 Z  34          0  -1.618e+02 -5.958e+01  1.014e+03  3.236e+04  3.577e+04  3.577e+04  3.212e+04  2.434e+04  1.676e+04  1.058e+04  7.019e+03  4.839e+03  2.980e+03  1.657e+03  9.902e+02  6.242e+02  3.461e+02  1.682e+02  8.992e+01  5.136e+01  2.540e+01  1.076e+01  5.392e+00  2.747e+00  1.502e+00  5.410e+00  4.414e+00  1.132e+00  2.444e+00 -4.319e+02  1.083e+00 -1.566e-01  1.251e+00 -1.288e-01
      52  427250 6769350     100     15.0 .203 2          C3 Z  34          0  -6.004e+00  1.238e+00  2.479e+00  1.599e+00  1.147e-01 -5.108e-01 -1.284e-01  1.070e-01  3.890e+02  3.574e+03  3.577e+03  3.577e+03  2.923e+03  1.654e+03  9.882e+02  6.233e+02  3.447e+02  1.680e+02  8.951e+01  5.131e+01  2.536e+01  1.091e+01  5.322e+00  2.986e+00  1.536e+00  7.533e-01  4.602e-01  2.948e-01  1.846e-01  8.833e-02  1.212e-01  5.799e-02  5.807e-02 -1.105e-03
      51  427250 6769250     100     15.0 .203 1          C3 Z  34          0  -1.188e+02 -6.058e+01  1.141e+03  3.264e+04  3.577e+04  3.577e+04  3.183e+04  2.374e+04  1.583e+04  9.774e+03  6.741e+03  4.577e+03  2.809e+03  1.561e+03  9.302e+02  5.866e+02  3.299e+02  1.599e+02  8.741e+01  4.967e+01  2.464e+01  1.042e+01  5.195e+00  2.861e+00  1.485e+00  7.774e-01  4.383e-01  2.805e-01  1.656e-01  1.015e-01  1.394e-01  1.394e-01
      52  427250 6769250     100     15.0 .203 2          C3 Z  34          0  -6.345e+00  2.762e-01  2.116e-01 -2.308e-01 -2.666e-01 -2.071e-01  1.233e-01  1.541e-01  4.114e+02  3.577e+03  3.577e+03  3.576e+03  3.650e+03  3.395e+03  3.194e+03  2.894e+03  1.662e+03  8.794e+02  4.753e+02  2.504e+02  1.166e+02  6.082e+01  3.426e+01  1.655e+01  6.886e+00  3.202e+00  1.662e+00  8.296e-01  3.761e-01  2.366e-01  1.448e-01  8.496e-02  1.226e-02  4.359e-02  2.358e-03  1.192e-02 -4.263e-02
      51  427250 6769150     100     15.0 .203 1          C3 Z  34          0   2.118e+02  3.400e+01  2.658e+03  3.515e+04  3.577e+04  3.513e+04  2.913e+04  2.133e+04  1.444e+04  9.042e+03  5.941e+03  4.015e+03  2.370e+03  1.029e+03  6.557e+02  4.047e+02  2.357e+02  1.146e+02  6.357e+01  3.822e+01  2.073e+01  1.047e+01  6.066e+00  3.852e+00  2.234e+00  1.223e+00  7.610e-01  4.589e-01  2.994e-01  9.289e-02  7.322e-02  7.967e-02  7.189e-02  4.754e-02
      52  427250 6769150     100     15.0 .203 2          C3 Z  34          0   1.955e+01  4.458e-01  9.888e-01  6.746e-01  6.852e-01  1.744e-01 -1.031e-01 -5.570e-02  1.274e+03  3.577e+03  3.577e+03  3.289e+03  1.963e+03  1.022e+03  5.837e+02  3.564e+02  1.908e+02  8.962e+01  4.652e+01  2.586e+01  1.223e+01  4.986e+00  2.441e+00  1.370e+00  7.542e-01  4.283e-01  2.552e-01  1.452e-01  1.398e-01  1.085e-01  2.094e-02  7.191e-02  3.085e-02  2.930e-02
      51  427250 6769050     100     15.0 .203 1          C3 Z  34          0   2.263e+03  3.482e+01  5.419e+00  4.894e+03  3.577e+04  3.577e+04  3.338e+04  2.318e+04  1.372e+04  7.266e+03  4.196e+03  2.595e+03  1.432e+03  7.175e+02  4.041e+02  2.454e+02  1.314e+02  6.144e+01  3.134e+01  1.715e+01  8.182e+00  3.295e+00  1.699e+00  8.794e+00  6.545e-01  1.546e-01  2.142e-01 -8.324e-02  1.236e-01 -1.344e-01  7.686e-02 -1.891e-01  4.504e-02 -1.329e-01
      52  427250 6769050     100     15.0 .203 2          C3 Z  34          0   3.709e+01  3.959e+00  1.542e+00  1.429e+00  1.495e-01 -1.455e-01 -1.264e-01  1.958e+03  3.577e+03  3.577e+03  3.529e+03  3.388e+03  3.237e+03  3.059e+03  2.744e+03  1.715e+03  8.967e+02  5.129e+02  2.444e+02  1.139e+02  6.359e+01  3.822e+01  2.073e+01  1.047e+01  6.066e+00  3.852e+00  2.234e+00  1.223e+00  7.610e-01  4.589e-01  2.994e-01  9.289e-02  7.322e-02  7.967e-02  7.189e-02  4.754e-02
      51  427250 6768950     100     15.0 .203 1          C3 Z  34          0   2.978e+03  3.670e+01  4.895e+00  9.935e+03  3.577e+04  3.577e+04  3.496e+04  2.612e+04  1.593e+04  8.686e+03  5.082e+03  3.141e+03  1.697e+03  8.052e+02  4.235e+02  2.401e+02  1.181e+02  5.021e+01  2.460e+01  1.270e+01  5.934e+00  2.188e+00  1.206e+00  4.284e-01  1.458e-01 -2.881e-01 -2.037e-01 -4.369e-01 -1.809e-01 -2.749e-01 -3.548e-02 -1.108e-01  1.381e-01  9.423e-02
      52  427250 6768950     100     15.0 .203 2          C3 Z  34          0   5.703e+01  2.174e+00  2.388e-02 -1.990e-01 -4.354e-02  1.085e-01  1.259e-01  1.050e-02  1.059e+03  3.577e+03  3.577e+03  3.087e+03  1.689e+03  8.022e+02  4.214e+02  2.390e+02  1.175e+02  5.032e+01  2.443e+01  1.317e+01  6.208e+00  2.674e+00  1.472e+00  8.967e-01  4.801e-01  1.897e-01  1.248e-02  2.097e-03 -8.105e-03 -8.837e-02 -7.751e-02 -7.533e-02 -4.673e-02  8.143e-02
      51  427250 6768850     100     15.0 .203 1          C3 Z  34          0   2.957e+03  3.641e+01  1.040e+04  3.577e+04  3.577e+04  3.577e+04  3.518e+04  2.918e+04  2.074e+04  1.404e+04  9.897e+03  6.944e+03  4.897e+03  3.434e+03  2.406e+03  1.636e+03  1.090e+03  7.516e+02  4.628e+02  2.522e+02  1.230e+02  6.996e+01  3.933e+01  2.047e+01  9.453e+00  5.064e+00  3.042e+00  1.654e+00  8.029e-01  4.409e-01  2.967e-01  2.163e-01  1.064e-01  8.248e-02  9.992e-02  5.728e-02  1.584e-02
      52  427250 6768850     100     15.0 .203 2          C3 Z  34          0   7.056e+01  2.522e+00 -3.155e-01 -1.762e+00 -9.668e-02  6.701e-01  2.074e-01  1.615e+00  3.191e+03  3.562e+03  3.522e+03  3.402e+03  3.673e+03  2.746e+03  1.317e+03  7.161e+02  3.575e+02  1.717e+02  9.714e+01  6.243e+01  3.580e+02  1.923e+02  1.112e+02  7.780e+01  4.250e+01  1.536e+01  8.349e+02  5.686e+02  6.730e+03  1.114e+02  2.019e+03 -8.476e+02  3.786e+03 -4.728e+02
      51  427250 6768750     100     15.0 .203 1          C3 Z  34          0   3.313e+03  3.612e+01  2.176e+00  4.251e+04  3.577e+04  3.577e+04  3.280e+04  2.067e+04  1.182e+04  6.737e+03  3.341e+03  1.722e+03  9.112e+02  4.774e+02  2.346e+02  1.173e+02  6.644e+01  3.774e+01  2.251e+01  1.346e+01  8.494e+00  5.419e+00  3.484e+00  2.245e+00  1.455e+00  1.215e+00  1.316e+00  1.355e+00  1.215e+00  1.129e+00  1.215e+00  1.316e+00
      52  427250 6768750     100     15.0 .203 2          C3 Z  34          0   9.413e+01  3.612e+00  5.756e-03 -8.156e-01  1.909e-01  1.100e+00  2.511e+03  3.577e+03  3.743e+03  1.171e+03  5.808e+02  3.304e+02  1.751e+02  9.026e+01  5.527e+01  3.726e+01  2.334e+01  1.359e+01  8.534e+00  5.739e+00  3.411e+00  1.881e+00  1.259e+00  6.551e-01  4.367e-01  1.901e-01  6.861e-02  1.063e-02  8.365e-02  1.608e-02  1.524e-02 -1.430e-02  8.105e-02  5.524e-03
      51  427250 6768650     100     15.0 .203 1          C3 Z  34          0   4.192e+03  3.755e+01  1.164e+00  9.112e+02  3.274e+04  3.364e+04  4.761e+03  2.234e+03  1.004e+03  4.441e+02  2.485e+02  1.602e+02  9.553e+01  6.007e+01  4.055e+01  2.860e+01  1.895e+01  1.115e+01  7.216e+00  4.749e+00  3.038e+00  1.570e+00  1.079e+00  5.374e-01  5.147e-01  1.022e-01  2.177e-01 -5.670e-02  1.428e-01 -2.532e-02  1.276e-01 -1.511e-01  7.079e-02 -8.728e-02
      52  427250 6768650     100     15.0 .203 2          C3 Z  34          0   1.280e+03  3.320e+01  2.184e+00 -6.941e-01 -1.460e-01  1.602e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03
      51  427250 6768550     100     15.0 .203 1          C3 Z  34          0   3.549e+03  3.655e+01  8.698e-01  5.213e+03  3.195e+04  3.044e+04  1.649e+04  9.003e+03  4.240e+03  2.046e+03  1.240e+03  8.947e+02  5.755e+02  3.591e+02  2.466e+02  1.741e+02  1.248e+02  9.017e+01  6.553e+01  4.466e+01  3.041e+01  2.068e+01  1.407e+01  9.566e+00  6.509e+00  4.427e+00  3.012e+00  2.049e+00  1.394e+00  9.484e-01  6.453e-01  4.390e-01  2.986e-01
      52  427250 6768550     100     15.0 .203 2          C3 Z  34          0   9.470e+01  3.717e+00 -1.368e+00  1.352e+00  9.352e-01  2.982e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03
      51  427250 6768450     100     15.0 .203 1          C3 Z  34          0   5.169e+03  3.693e+01  1.411e+00  5.035e+04  2.189e+04  4.334e+03  1.566e+03  7.726e+02  2.799e+02  1.913e+02  1.183e+02  8.070e+01  5.284e+01  3.711e+01  2.288e+01  1.629e+01  1.101e+01  6.590e+00  4.564e+00  2.931e+00  2.018e+00  9.978e-01  7.691e-01  3.852e-01  3.091e-01  2.013e-01  9.079e-02  1.115e-01  6.729e-02  6.347e-02  3.597e-02 -2.264e-03  3.942e-02  3.199e-02
      52  427250 6768450     100     15.0 .203 2          C3 Z  34          0   1.673e+02  3.196e+01  5.711e-01  5.512e+01  5.516e+02  2.189e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03
      51  427250 6768350     100     15.0 .203 1          C3 Z  34          0   1.775e+04 -1.308e+02 -2.848e+00  5.556e+00  2.245e+04  3.577e+04  3.577e+04  3.387e+04  2.307e+04  1.399e+04  8.942e+03  5.969e+03  3.538e+03  1.887e+03  1.098e+03  6.837e+02  3.798e+02  1.914e+02  1.090e+02  6.759e+01  3.832e+01  2.004e+01  1.218e+01  7.704e+00  4.761e+00  2.464e+00  1.588e+00  9.292e-01  6.537e-01  2.139e-01  1.924e-01 -3.477e-02  2.174e-01 -2.252e-02
      52  427250 6768350     100     15.0 .203 2          C3 Z  34          0   6.292e+02  1.037e+01 -2.380e+00 -1.618e+00  6.002e-01  1.045e+00  5.228e-02 -3.941e-01  1.948e+03  3.577e+03  3.577e+03  3.248e+03  1.878e+03  1.024e+03  5.598e+02  3.377e+02  1.756e+02  8.837e+01  4.644e+01  2.530e+01  1.264e+01  6.905e+00  4.388e+00  2.577e+00  1.587e+00  1.014e+00  5.876e-01  3.207e-01  1.887e-01  1.747e-01  1.726e-02  1.711e-01  1.783e-01  1.726e-02  1.711e-01
      51  427250 6768250     100     15.0 .203 1          C3 Z  34          0   1.239e+04 -4.716e+01  1.951e+03  4.561e+04  3.577e+04  3.577e+04  3.280e+04  2.067e+04  1.182e+04  6.737e+03  3.341e+03  1.722e+03  9.112e+02  4.774e+02  2.346e+02  1.173e+02  6.644e+01  3.774e+01  2.251e+01  1.346e+01  8.494e+00  5.419e+00  3.484e+00  2.245e+00  1.455e+00  1.215e+00  1.316e+00  1.355e+00  1.215e+00  1.129e+00  1.215e+00  1.316e+00
      52  427250 6768250     100     15.0 .203 2          C3 Z  34          0   6.221e+02  3.736e+00 -8.509e-01 -1.923e+00 -2.915e-01  7.520e-01  3.169e-01 -1.204e-01  1.095e+02  2.601e+03  3.577e+03  3.577e+03  3.198e+03  1.904e+03  1.174e+03  7.737e+02  4.625e+02  2.562e+02  1.571e+02  1.036e+02  6.205e+01  3.442e+02  2.120e+01  1.391e+01  8.282e+00  4.517e+00  2.638e+00  1.644e+00  9.613e-01  3.369e-01  3.035e-01  1.363e-01  7.504e-02  4.250e-02
      51  427250 6768150     100     15.0 .203 1          C3 Z  34          0   1.488e+04 -8.031e+01 -2.889e+00  7.920e+02  3.366e+04  3.577e+04  3.308e+04  2.506e+04  1.745e+04  1.135e+04  7.777e+03  5.534e+03  3.557e+03  2.095e+03  1.326e+03  8.871e+02  5.351e+02  2.970e+02  1.822e+02  1.189e+02  7.092e+01  3.895e+01  2.390e+01  1.542e+01  9.256e+00  4.824e+00  2.894e+00  1.587e+00  9.792e-01  3.289e-01  2.949e-01 -7.613e-02  6.970e-02 -1.397e-01
      52  427250 6768150     100     15.0 .203 2          C3 Z  34          0   8.772e+02  3.159e+01 -1.244e+00  2.220e+01  3.214e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+03  3.577e+
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21	424650	6762350	100	15.0	.203	1	C3	Z	34	0	-1.719e+02	-1.994e+00	7.958e+00	1.288e+04	3.577e+04	3.442e+04	2.512e+04	1.852e+04	1.295e+04	8.711e+03	6.279e+03	4.730e+03	3.301e+03	2.165e+03	1.507e+03	1.096e+03	7.316e+02	4.550e+02	3.048e+02	2.140e+02	1.368e+02	8.037e+01	5.122e+01	3.396e+01	2.027e+01	1.051e+01	6.269e+00	3.525e+00	1.966e+00	7.208e-01	4.933e-01	9.115e-02	2.014e-01	-5.982e-02
22	424650	6762350	100	15.0	.203	2	C3	Z	34	0	-4.381e+00	-1.765e+00	-8.321e-01	-1.906e-01	1.564e+00	9.287e-01	-2.862e-01	-2.644e-01	2.327e+03	3.577e+03	3.577e+03	3.210e+03	2.157e+03	1.502e+03	1.092e+03	7.290e+02	4.538e+02	3.030e+02	2.128e+02	1.360e+02	8.020e+01	5.079e+01	3.387e+01	2.004e+01	1.055e+01	6.052e+00	3.623e+00	1.851e+00	7.926e-01	3.685e-01	1.781e-01	1.425e-01	2.719e-02
23	424650	6762350	100	15.0	.203	3	C3	Z	34	0	-1.747e+01	-1.350e+00	-3.350e-01	-1.996e-01	3.990e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03
24	424650	6762350	100	15.0	.203	4	C3	Z	34	0	-3.573e+00	-1.034e+00	-5.591e-01	-1.405e-01	2.112e+01	1.431e-01	1.919e-02	-4.589e-02	1.825e+03	3.577e+03	3.577e+03	3.577e+03	3.240e+03	2.145e+03	1.461e+03	1.042e+03	6.770e+02	4.067e+02	2.627e+02	1.788e+02	1.100e+02	6.194e+01	3.780e+01	2.447e+01	1.404e+01	7.124e+00	4.022e+00	2.425e+00	1.251e+00	5.682e-01	2.924e-01	1.208e-01	9.341e-02	2.724e-02
25	424650	6762150	100	15.0	.203	1	C3	Z	34	0	-3.743e+02	-5.658e+01	-5.343e+00	-3.766e+00	3.577e+04	3.577e+04	3.577e+04	3.291e+04	2.204e+04	1.717e+04	1.194e+04	7.449e+03	5.222e+03	3.274e+03	1.870e+03	1.169e+03	7.734e+02	4.661e+02	2.615e+02	1.742e+02	1.015e+02	6.615e+01	3.562e+01	2.171e+01	1.365e+01	7.161e+00	3.958e+00	1.988e+00	1.016e+00	4.549e-01	1.709e-01	1.700e-01	1.539e-01	1.540e-01	7.709e-02
26	424650	6762150	100	15.0	.203	2	C3	Z	34	0	-3.375e+00	-1.023e+00	-1.227e+00	-6.843e-01	9.626e-02	2.650e-01	-9.167e-03	-1.333e-01	1.072e+02	3.548e+03	3.577e+03	3.577e+03	3.139e+03	1.872e+03	1.164e+03	7.719e+02	4.647e+02	2.599e+02	1.609e+02	1.068e+02	6.411e+01	3.537e+01	2.141e+01	1.356e+01	7.761e+00	3.964e+00	2.215e+00	1.245e+00	7.502e-01	3.189e-01	2.164e-01	1.124e-01	6.345e-02	1.840e-02
27	424650	6762050	100	15.0	.203	1	C3	Z	34	0	-1.743e+02	-9.785e-01	8.123e+00	1.431e+04	3.577e+04	3.576e+04	2.864e+04	2.039e+04	1.327e+04	8.022e+03	5.230e+03	3.599e+03	2.247e+03	1.291e+03	8.048e+02	5.319e+02	3.168e+02	1.721e+02	1.031e+02	6.621e+01	3.858e+01	2.049e+01	1.210e+01	7.593e+00	4.407e+00	2.148e+00	1.424e+00	6.177e-01	5.173e-01	1.243e-01	1.516e-01	-9.952e-02	8.890e-02	-9.566e-02
28	424650	6762050	100	15.0	.203	2	C3	Z	34	0	-2.622e+00	-2.689e+00	1.828e+00	-4.784e-01	-1.084e+00	-3.431e-01	2.363e-01	1.682e-01	2.160e+03	3.577e+03	3.577e+03	3.422e+03	2.241e+03	1.288e+03	8.026e+02	5.305e+02	3.152e+02	1.714e+02	1.026e+02	6.594e+01	3.823e+01	2.038e+01	1.203e+01	7.583e+00	4.261e+00	2.256e+00	1.540e+00	4.283e-01	2.043e-01	1.040e-01	1.303e-02	5.310e-02	9.162e-02
29	424650	6761950	100	15.0	.203	1	C3	Z	34	0	-1.709e+02	-3.731e-01	6.290e+00	5.926e+03	3.577e+04	3.577e+04	3.019e+04	2.102e+04	1.331e+04	7.760e+03	4.881e+03	3.241e+03	1.928e+03	1.042e+03	6.177e+02	3.928e+02	2.264e+02	1.195e+02	7.130e+01	4.558e+01	2.643e+01	1.404e+01	8.262e+00	5.144e+00	3.064e+00	1.439e+00	1.028e+00	3.579e-01	3.948e-01	5.026e-02	8.347e-02	-1.521e-01	7.025e-02	-1.507e-01
30	424650	6761950	100	15.0	.203	2	C3	Z	34	0	-3.531e+00	2.828e-01	-1.029e+00	-1.179e+00	-4.433e-01	1.744e-01	2.013e-01	-9.434e-03	2.104e+03	3.577e+03	3.577e+03	3.196e+03	1.925e+03	1.040e+03	6.166e+02	3.925e+02	2.253e+02	1.194e+02	7.081e+01	4.536e+01	2.628e+01	1.401e+01	8.294e+00	5.260e+00	3.027e+00	1.593e+00	8.688e-01	5.312e-01	3.461e-01	1.482e-01	1.357e-01	6.928e-02	3.310e-02	4.322e-02
31	424650	6761850	100	15.0	.203	1	C3	Z	34	0	-3.746e+02	-1.686e+00	-9.606e-01	-3.129e-01	2.871e-01	-2.239e+00	5.518e-01	-2.571e-01	2.108e+03	3.577e+03	3.576e+03	2.952e+03	1.723e+03	9.059e+02	5.201e+02	3.188e+02	1.720e+02	8.290e+01	4.495e+01	2.689e+01	1.452e+01	7.307e+00	4.267e+00	2.632e+00	1.597e+00	8.261e+01	5.495e+01	3.305e+01	2.221e+01	5.852e+02	7.263e+02	4.321e+02	4.788e+02	-3.943e+02
32	424650	6761650	100	15.0	.203	1	C3	Z	34	0	-1.661e+02	-1.104e+01	1.407e+00	1.716e+02	3.144e+04	3.577e+04	3.466e+04	2.568e+04	1.586e+04	8.801e+03	5.238e+03	3.289e+03	1.816e+03	8.885e+02	4.811e+02	2.820e+02	1.448e+02	6.631e+01	3.504e+01	2.034e+01	1.081e+01	5.058e+00	3.014e+00	1.702e+00	1.122e+00	5.170e+01	3.827e+01	8.115e+02	2.345e+01	-2.177e+02	8.035e+02	-1.821e+01	8.197e+02	-1.381e+01
33	424650	6761650	100	15.0	.203	2	C3	Z	34	0	-1.504e+00	-4.300e-01	9.040e-01	-1.123e+00	7.787e-01	2.446e-02	-1.027e-01	1.050e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03
34	424650	6761550	100	15.0	.203	1	C3	Z	34	0	2.034e+01	-7.949e+00	1.316e+00	2.531e+01	2.917e+04	3.577e+04	3.341e+04	2.244e+04	1.275e+04	6.580e+03	3.780e+03	2.345e+03	1.301e+03	6.527e+02	3.655e+02	2.211e+02	1.179e+02	5.616e+01	3.011e+01	1.737e+01	9.205e+00	4.134e+00	2.336e+00	1.187e+00	8.764e-01	9.029e-01	2.770e-01	-5.067e-02	1.208e+01	-1.011e-01	4.360e-02	-1.763e-01	7.489e-02	-1.943e-01
35	424650	6761550	100	15.0	.203	2	C3	Z	34	0	3.037e+00	-2.007e+00	1.076e-01	4.466e-01	2.917e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03
36	424650	6761450	100	15.0	.203	1	C3	Z	34	0	-1.586e+01	5.084e+00	1.584e+00	3.201e+02	3.228e+04	3.577e+04	3.577e+04	2.714e+04	1.675e+04	9.125e+03	4.506e+03	2.514e+03	1.529e+03	8.414e+02	4.270e+02	2.460e+02	1.527e+02	8.508e+01	5.230e+01	2.351e+01	1.375e+01	7.410e+00	3.370e+00	1.924e+00	9.785e+01	7.590e-01	2.319e+01	1.876e-01	-7.993e-02	3.158e-02	-1.175e-01	-1.311e-02	-2.484e-01	1.818e-02	-2.192e-01
37	424650	6761450	100	15.0	.203	2	C3	Z	34	0	-1.414e+01	-1.006e+00	-2.160e+00	-8.236e-01	1.132e+00	7.918e-01	-7.328e-02	3.186e+02	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03
38	424650	6761350	100	15.0	.203	1	C3	Z	34	0	-7.036e+00	-2.740e+00	-1.660e+00	-1.577e+00	1.237e+00	1.590e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04	3.577e+04
39	424650	6761350	100	15.0	.203	2	C3	Z	34	0	-1.376e+01	9.146e-02	5.606e-01	8.035e-01	5.466e-01	9.967e-02	-7.931e-02	4.503e+00	3.283e+03	3.559e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03
40	424650	6761250	100	15.0	.203	1	C3	Z	34	0	-1.364e+01	9.636e-02	5.868e-01	8.043e-01	5.941e-01	3.400e-02	8.608e-02	5.360e+00	3.292e+03	3.557e+03	3.541e+03	1.518e+03	8.228e+02	4.138e+02	2.379e+02	1.480e+02	8.281e+01	4.191e+01	2.343e+01	1.407e+01	7.462e+00	3.544e+00	1.962e+00	1.230e+00	7.499e-01	3.537e-01	2.716e-01	2.048e-01	1.621e-01	7.675e-02	8.125e-02	2.730e-02	-9.098e-03	9.446e-03
41	424650	6761250	100	15.0	.203	2	C3	Z	34	0	6.080e+00	-1.688e+00	-1.249e+00	-4.222e-01	-1.067e-01	-2.022e-01	1.735e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03
42	424650	6761150	100	15.0	.203	1	C3	Z	34	0	-1.457e+01	-4.477e-02	1.659e+00	1.396e+00	-1.766e-01	1.155e-01	6.822e-02	1.024e+02	3.532e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03
43	424650	6761050	100	15.0	.203	2	C3	Z	34	0	-1.417e+00	-1.477e-02	1.659e+00	1.396e+00	-1.766e-01	1.155e-01	6.822e-02	1.024e+02	3.532e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03
44	424650	6760950	100	15.0	.203	1	C3	Z	34	0	9.535e+00	-1.416e+01	-2.143e-01	-1.135e-01	5.080e-01	-4.983e-02	-6.991e-02	7.773e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03
45	424650	6760850	100	15.0	.203	2	C3	Z	34	0	3.308e+04	1.473e+03	2.991e+01	1.661e+00	1.192e+04	3.577e+04	3.444e+04	2.457e+04	1.520e+04	9.010e+03	5.888e+03	4.082e+03	2.573e+03	1.489e+03	9.283e+02	6.108e+02	3.595e+02	1.912e+02	1.119e+02	7.024e+01	3.971e+01	2.017e+01	1.144e+01	6.664e+00	3.734e+00	1.595e+00	9.558e+01	3.267e+01	3.965e+01	7.950e-02	1.231e-01	-9.089e-02	1.080e-01	-1.446e-01
46	424650	6760850	100	15.0	.203	1	C3	Z	34	0	2.558e+00	-5.976e-01	-5.597e-01	-2.437e-01	1.653e+01	6.711e-01	-1.617e-01	3.354e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03
47	424650	6760750	100	15.0	.203	2	C3	Z	34	0	3.371e+04	1.757e+03	3.198e+01	1.596e+00	1.033e+04	3.577e+04	3.570e+04	2.786e+04	1.672e+04	9.294e+03	5.685e+03	3.719e+03	2.194e+03	1.183e+03	7.014e+02	4.444e+02	2.531e+02	1.308e+02	7.581e+01	4.731e+01	2.679e+01	1.361e+01	7.920e+00	4.610e+00	2.611e+00	1.102e+00	7.324e-01	2.645e+01	3.335e+01	7.526e-02	1.403e-01	-1.221e-01	9.788e-02	-1.435e-01
48	424650	6760650	100	15.0	.203	1	C3	Z	34	0	2.632e+03	5.452e+00	6.696e-01	5.435e-01	1.138e+00	-1.573e-01	-4.081e-01	-3.571e-03	8.541e+02	3.577e+03	3.577e+03	3.446e+03	2.184e+03	1.178e+03	6.984e+02	4.431e+02	2.515e+02	1.300e+02	7.523e+01	4.708e+01	2.650e+01	1.367e+01	7.847e+00	4.711e+00	2.628e+00	1.273e+00	6.391e-01	3.724e-01	1.920e-01	8.534e-02	2.989e-02	-1.336e-02	-1.551e-02	-2.051e-02
49	424650	6760550	100	15.0	.203	2	C3	Z	34	0	3.130e+04	9.187e+02	2.388e+01	1.082e+00	2.586e+03	3.577e+04	3.513e+04	2.570e+04	1.491e+04	7.854e+03	4.560e+03	2.845e+03	1.591e+03	8.149e+02	4.711e+02	2.975e+02	1.697e+02	8.936e+01	5.241e+01	3.226e+01	1.883e+01	9.695e+00	5.619e+00	3.195e+00	1.881e+00	8.808e-01	5.731e-01	1.754e-01	2.277e-01	-9.910e-03	1.140e-01	-1.197e-01	9.859e-02	-1.212e-01
50	424650	6760250	100	15.0	.203	2	C3	Z	34	0	2.586e+03	-2.827e+00	-6.758e-01	-2.809e+00	-7.478e-01	1.113e+00	4.381e-01	-1.793e-01	1.496e+03	3.577e+03	3.568e+03	2.830e+03	1.583e+03	8.114e+02	4.688e+02	2.953e+02	1.687e+02	8.878e+01	5.241e+01	3.328e+01	1.885e+01	9.695e+00	5.457e+00	3.326e+00	1.839e+00	8.692e-01	4.947e-01	3.275e+01	1.570e-01	9.551e-02	3.861e-02	2.598e-02	2.330e-02	5.318e-03
51	424650	6760150	100	15.0	.203	1	C3	Z	34	0	-1.631e+02	-2.706e+00	7.181e+00	1.943e+04	3.577e+04	3.576e+04	3.526e+04	2.819e+04	1.882e+04	1.136e+04	7.181e+03	4.710e+03	2.696e+03	1.348e+03	7.251e+02	4.143e+02	2.024e+02	8.493e+01	4.087e+01	2.177e+01	1.059e+01	4.490e+00	2.479e+00	1.379e+00	9.336e-01	2.920e-01	3.558e+01	5.714e+02	1.599e+01	-7.177e-02	3.539e+02	-1.596e+01	8.121e+02	-1.553e+01
52	424650	6760450	100	15.0	.203	1	C3	Z	34	0	-9.420e+01	-4.439e+01	-1.082e-01	-4.588e-01	2.011e-01	1.635e-01	1.833e-01	1.354e-02	1.697e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03
53	424650	6760450	100	15.0	.203	2	C3	Z	34	0	-1.035e+00	-5.452e-01	-1.417e-01	-3.993e-01	2.033e-01	1.443e-01	2.000e-01	6.609e-03	1.729e+03	3.208e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03	3.577e+03
54	424650	6760350	100	15.0	.203	1	C3	Z	34	0	-1.671e+02	-1.014e+00	-5.409e+00	8.439e+03	3.577e+04	3.577e+04	3.369e+04	2.373e+04	1.408e+04	7.399e+03	4.186e+03	2.514e+03	1.318e+03	6.087e+02	3.180e+02	1.803e+02	9.064e+01	4.088e+01	2.158e+01	1.234e+01	6.790e+00	3.178e+00	2.047e+00	1.067e+00	7.391e-01	2.037e-01	3.191e-02	-2.702e-02	1.126e-01	-9.327e-02	6.008e-02	-1.655e-01	8.276e-02	-1.498e-01
55	424650	6760250	100	15.0	.203	2	C3	Z	34	0	-3.479e-01	1.018e+00	2.197e-01	-1.303e+00	-1.521e+00	-1.679e-02	3.704e-01	7.995e-02	1.835e+03	3.577e+03	3.518e+03	2.508e+03	1.314e+03	6.078e+02	3.163e+02	1.799e+02	9.012e+01	4.061e+01	2.134e+01	1.232e+01	6.648e+00	3.264e+00	1.801e+00	1.218e+00	6.764e-01	3.334e-01	2.076e-01	1.679e-01	9.189e-02	-1.875e-02	4.992e-03	-5.297e-02	-4.588e-03	-6.064e-02
56	424650	6760150	100	15.0	.203	1	C3	Z	34	0	-1.606e+02	-2.569e+00	3.731e+00	3.550e+03	3.577e+04	3.502e+04	2.363e+04	1.455e+04	8.043e+03	4.044e+03	2.277e+03	1.388e+03	7.537e+02	3.700e+02	2.040e+02	1.218e+02	6.519e+01	3.151e+01	1.752e+01	1.055e+01	6.106e+00	2.917e+00	1.685e+00	9.668e-01	6.055e-01	1.490e-01	2.160e-01	-1.404e-01	5.475e-02	-1.163e-01	5.085e-02	-1.530e-01	7.460e-02	-1.715e-01
57	424650	6760650	100	15.0	.203	2	C3	Z	34	0	2.299e+00	-9.177e-01	1.070e+00	-9.952e-01	8.885e-02	1.161e+00	6.358e-01	1.593e+03	3.577e+03	3.450e+03	2.259e+03	1.377e+03	7.481e+02	3.670e+02	2.020e+02	1.208e+02	6.446e+01	3.111e+01	1.721e+01	1.070e+01	5.846e+00	3.029e+00	1.714e+00	1.099e+00	6.943e-01	3.171e-01	1.794e-01	4.085e-02	6.816e-02	2.257e-02	4.358e-02	6.157e-02	1.586e-04	5.215e-03
58	424650	6760550	100	15.0	.203	1	C3	Z	34	0	0	-1.465e+02	-3.300e+00	5.440e+00	8.702e+03	3.577e+04	3.472e+04	2.268e+04	1.393e+04	7.718e+03	3.914e+03	2.217e+03	1.352e+03	7.276e+02	3.587e+02	2.013e+02	1.232e+02	6.634e+01	3.789e+01	2.360e+01	1.335e+01	7.059e+00	4.242e+01	2.763e+01	1.667e+01	9.299e+00	5.648e+00	3.567e+00	2.033e+00	9.710e-01	5.193e-01	2.934e-01	1.696e-01	1.628e-02	6.445e-02	1.093e-02	1.428e-02	-1.610e-02
59	424650	6760750	100	15.0	.203	2	C3	Z	34	0	-6.638e-01	-2.509e+00	-1.861e+00	-6.033e-02	7.965e-01	4.923e-01	1.545e-01	1.895e+03	3.577e+03	3.422e+03	2.215e+03	1.351e+03	7.266e+02	3.477e+02	1.859e+02	1.081e+02	5.965e+01	2.597e+01	1.404e+01	8.421e+00	4.689e+00	2.462e+00	1.355e+00	8.062e-01	4.572e-01	2.650e-01	1.364e-01	8.337e-02	4.766e-02	2.151e-02	1.397e-02	5.655e-03	2.727e-03	-1.551e-02
60	424650	6760650	100	15.0	.203	1	C3	Z	34	0	-1.602e+02	-2.283e+00	1.739e+00	2.177e+03	3.536e+04	3.577e+04	2.762e+04	1.710e+04	9.434e+03	4.702e+03	2.610e+03	1.562e+03	8.201e+02	3.800e+02	1.968e+02	1.112e+02	5.533e+01	2.456e+01	1.308e+01	7.461e+00	4.027e+00	1.975e+00	1.178e+00	5.333e+01	4.428e-01	7.896e-02	2.231e-01	-1.155e-01	8.842e-02	-7.365e-02	7.091e-02	-1.746e-01	1.151e-01	-6.802e-02
61	424650	6760850	100	15.0	.203	2	C3	Z	34	0	-2.104e+00	-1.086e-01	-2.452e-01	1.739e-01	1.118e-01	3.240e-02	6.497e-02	2.030e+02	3.552e+03	3.558e+03	2.603e+03	1.558e+03	8.176e+02	3.787e+02	1.959e+02	1.105e+02	5.488e+01	2.442e+01	1.274e+01	7.410e+00	3.959e+00	1.957e+00	1.110e+00	7.012e-01	4.312e-01	2.685e-01	1.207e-01	5.835e-02	9.714e-02	5.352e-02	6.471e-02	2.495e-02	3.593e-02	1.806e-02
62	424650	6760750	100	15.0	.203	1	C3	Z	34	0	-1.677e+02	-1.544e+00	-1.249e+00	4.713e+02	3.286e+04	3.577e+04	3.183e+04	2.352e+04	1.448e+04	8.364e+03	5.248e+03	3.273e+03	1.977e+03	1.193e+03	7.608e+02	4.286e+02	2.178e+02	1.233e+02	7.594e+01	4.218e+01	2.165e+01	1.258e+01	6.997e+00	4.144e+00	2.626e+00	1.535e+00	8.277e-01	3.984e-01	2.841e-01	1.359e-01	1.419e-03	1.952e-02	-7.217e-03	-1.432e-03	-8.451e-03
63	424650	6760950	100	15.0	.203	2	C3	Z	34	0	-4.209e+00	3.719e+00	2.902e+00	1.534e+00	-2.892e-01	-5.779e-01	-8.336e-02	1.018e+02	3.518e+03	3.493e+03	2.242e+03	1.260e+03	6.268e+02	2.830e+02	1.485e+02	8.569e+01	4.326e+01	1.930e+01	9.851e+00	5.485e+00	2.822e+00	1.320e+00	8.399e-01	4.103e-01	3.149e-01	1.570e-01	8.013e-02	2.135e-02	9.167e-02	-4.328e-02	-1.029e-02	-2.122e-02	3.152e-02	-1.424e-02
64	424650	6761050	100	15.0	.203	1	C3	Z	34	0	6.359e+01	2.616e+00	4.104e-01	1.807e-01	6.246e-02	2.750e-02	5.618e-02	-2.500e-02	1.394e+03	3.577e+03	3.575e+03	2.927e+03	1.624e+03	8.034e+02	4.407e+02	2.604e+02	1.350e+02	6.227e+01	3.263e+01	1.889e+01	9.743e+00	4.693e+00	2.581e+00	1.599e+00	8.146e-01	4.456e-01	2.326e-01	1.514e-01	7.752e-02	1.191e-02	8.264e-03	4.679e-02	3.570e-02	-1.988e-02
65	424650	6761150