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EL 2931 AND EL 2932

ACROPOLIS SOUTH AND NORTH ROXBY AREAS

**JOINT FIRST ANNUAL AND PARTIAL
SURRENDER REPORT FOR THE PERIOD
26/4/2002 TO 25/4/2003**

Submitted by
Minotaur Resources Ltd
2003

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Enquiries: Customer Services
Ground Floor
101 Grenfell Street, Adelaide 5000

Telephone: (08) 8463 3000
Facsimile: (08) 8204 1880



**PRIMARY INDUSTRIES
AND RESOURCES SA**

3 Boskenna Ave, Norwood 5067, South Australia

Tel: +61 8 8362 5333 Fax: +61 8362 5339

Email: admin@minotaurexploration.com.au

North Roxby (EL 2932) – Acropolis South (EL 2931) Olympic Dam Sub-Domain

1st Annual and Partial Relinquishment Report For the Period Ending 25/04/03

1st July 2003

P.W. Reid & J.R. Hart

Summary

- The North Roxby-Acropolis South Project comprises two tenements in the Olympic Dam Sub-Domain. Limited historical drilling by WMC confirms its status as a first class IOCG terrain.
- A regional gravity survey has identified three high priority drill ready targets (Acropolis West, Wirrda Well South and Bopeechee West) and numerous lower priority targets.
- The Acropolis West gravity target is a direct continuation of the Acropolis trend but without a coincident magnetic anomaly. The anomaly is similar in magnitude and wavelength to Acropolis, and hence, has a comparable modelled depth of 480m.
- Wirrda Well South is a 5 mgal gravity anomaly located on a major ENE trending demagnetised structure. This fault parallels the Jubilee Fault, which hosts Olympic Dam. Modelled depth to top of basement is 800m.
- Bopeechee West is a 4 mgal gravity anomaly located at a major structural intersection, in close proximity to previously recorded IOCG – style alteration with copper-bearing hydrothermal fluids.
- At the end of the reporting period Minotaur reduced EL 2931 by 41% to 1055km² and EL 2932 by 20% to 1063km². The relinquished areas correspond to regions where no significant gravity anomalies were identified.

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1.0 INTRODUCTION

The North Roxby-Acropolis South Project comprises two tenements initially totalling 3111 km² in the Olympic Dam Sub-Domain. This area was originally held by WMC for a period of 16 years to 1986 before an indenture required they reduce their holdings around Olympic Dam to 3000 km². WMC drilled 4 holes into basement with results confirming its status as a first class IOCG terrain. Depth of cover (ave 750-1100m) has restricted follow up drilling or drill testing of several other significant targets. No further drilling has occurred since then despite the ground remaining tightly held by successive explorers.

Historical gravity work undertaken in the region focused on following up the principal magnetic complexes (Fig 1) in the region, with target selection weighted toward the drill testing of combined magnetic and gravity anomalies. Re-evaluation of the open file geophysical data highlighted several regional single “point gravity” anomalies (Fig 2) adjacent to or overlapping the magnetic complexes yet to be followed up.

Minotaur Resources was granted the tenements in April 2002. In July 2002 Minotaur contracted Haines Surveys to infill key areas with 1km X 1km spaced gravity coverage. Lines of 250m-spaced gravity were taken over selected targets. In total 652 gravity stations were collected.

Three targets have been identified and geophysically modelled; Acropolis West (target depth 480m), Wirrda Well South (t.d. 800m) and Bopeechee West (t.d 700m). During the second half of the reporting period joint venture negotiations were initiated between BHP Billiton and Cogema.

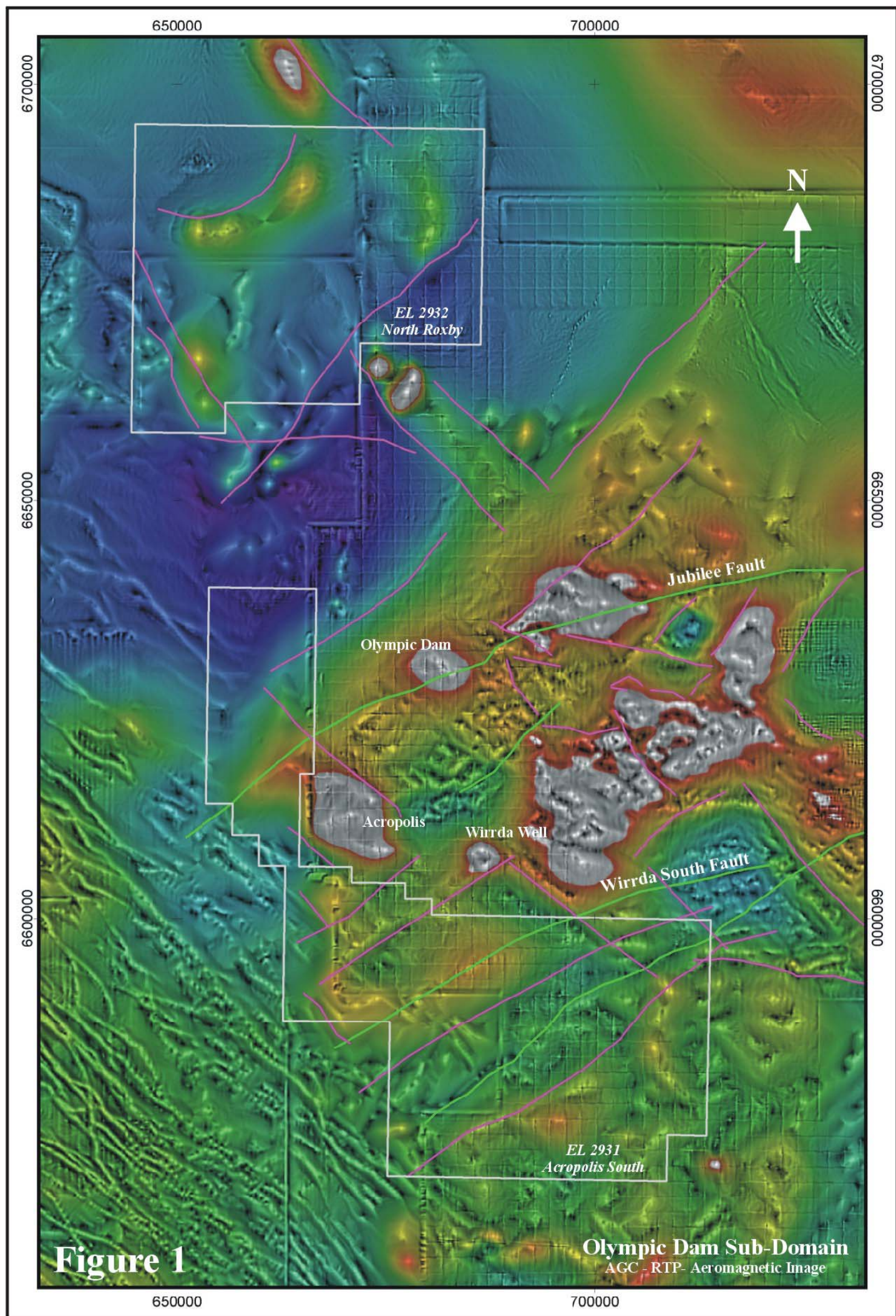
The gravity work undertaken in the first twelve months allowed Minotaur to significantly reduce its lease holdings. EL 2931 has been reduced by 41% to 1055km² and EL 2932 has been reduced by 20% to 1063km². The relinquished areas correspond to regions where no significant gravity anomalies were identified.

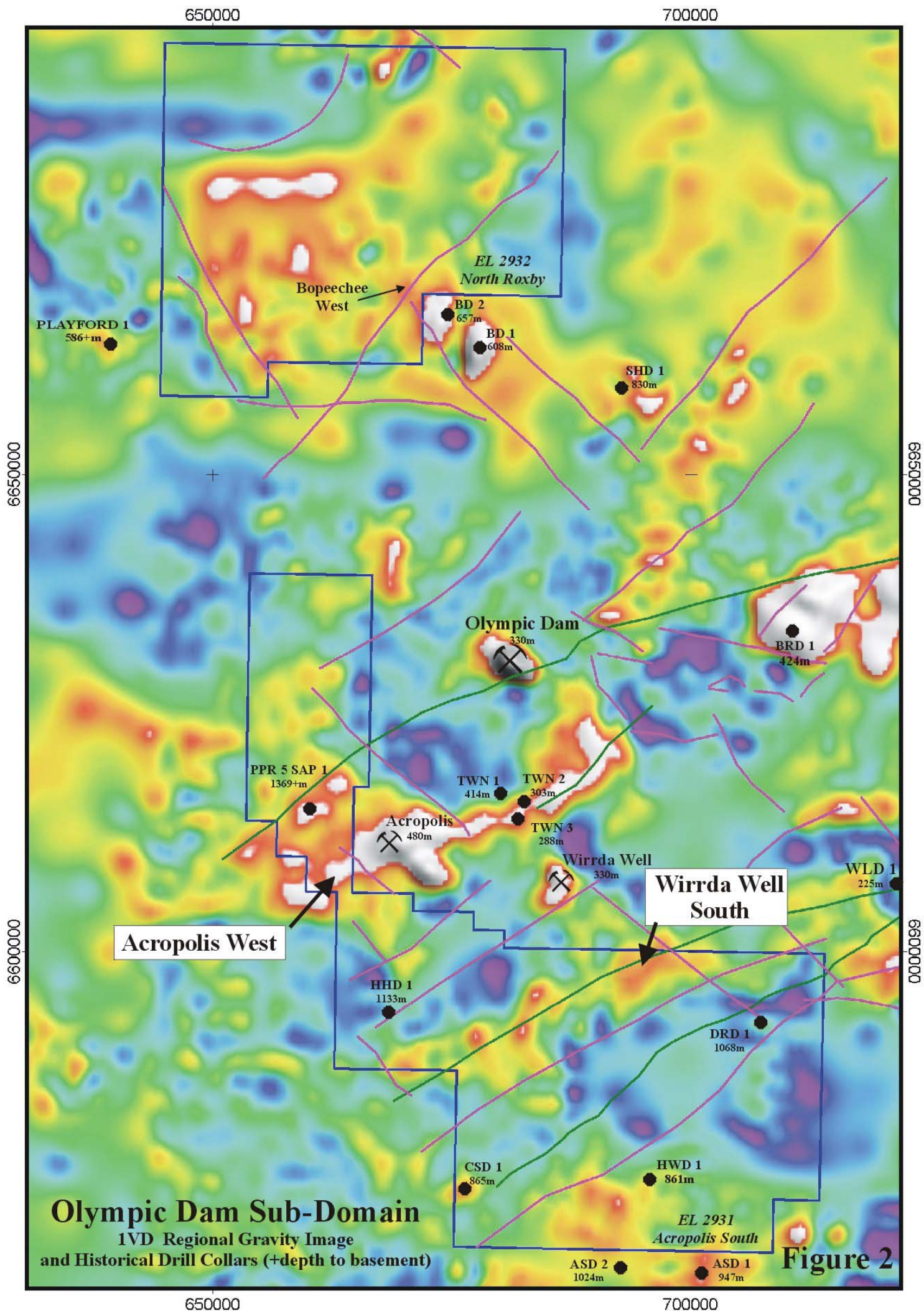
2.0 PREVIOUS DRILLING

Cocky Swamp Anomaly

An E-W trending magnetic high with a low-amplitude gravity high offset about 500m to the south (Fig 1-2). Ground surveys indicate a magnetic anomaly of less than 500 nT amplitude and a local gravity high of 1-2 mgals. These are significant anomalies when considering 800m+ of cover.

Drill Hole CSD-1 was sited at the peak of the gravity anomaly and close to the source of the N dipping magnetic anomaly. The hole intersected magnetic calcsilicate skarn rocks and metasediment at 865m. Sediments/Volcanics in CSD1 have been altered to an assemblage, which includes andradite, magnetite, amphibole, chlorite, quartz, haematite and carbonate. Up to 1.05% Cu as chalcocite-bornite and 0.65 ppm Au was returned from 1metre samples.





Dromedary Dam

A regional north-south trending curvi-linear magnetic anomaly 14 km in length with two principal magnetic peaks. A broad low-amplitude gravity anomaly (1mgal) lies to the west of the southern magnetic anomaly.

Drill hole DRD1 (Fig 1-2) was sited to test the source of the northern magnetic anomaly. The hole intersected granitic basement at 1068m (final depth 1192m). Basement consists of a microgranite to granite sequence with veins of haematite-magnetite and pyrite-chalcopyrite. Significant assays were obtained for the interval 1140m – 1146m as set out below:

	Cu %	Agppm	Auppm	Znppm	Pbppm	Lappm	Ceppm
6m @	0.38	14.6	0.8	2125	755	530	712

Heaton Hill

A large L shaped magnetic feature 15km in length with no pronounced gravity anomalism. Drill hole HHD1 (Fig1-2) was sited to test the source of the peak of the N-S trending magnetic anomaly. The hole confirmed estimates of deep basement (1133m) and intersected barren, non-magnetic gneissic granite.

Horse Well

The Horse Well Prospect is centred on a regionally prominent ENE trending magnetic anomaly over 12km of strike. No residual gravity anomaly occurs over the magnetic feature, however a large NE trending, gravity high (20km long) abuts the southern margin of the magnetic complex.

Drill hole HWD-1 (Fig 1-2) was targeted on the source of the main magnetic anomaly and intersect basement at 861m. The uppermost 36m of basement in HWD 1 comprised a mixture of mono- and poly-breccias and cherty volcanics with the breccias containing clasts of black haematite and volcanics in a sericite-quartz-brown hematite matrix. Below this, massive felsic volcanics, with zones of brecciation are strongly veined by platy hematite with associated chalcocite, bornite, chalcopyrite and pyrite. The volcanics continue to end of the hole at 1097m and are not sufficiently magnetic to explain the magnetic anomaly.

A 16m interval of mineralisation was intersected averaging 0.67% Cu from 903m. No other assay elements assayed returned above background values.

Bopeechee

Quasi-coincident magnetic and gravity anomalies were investigated by drill holes BD 1 and BD 2 (Fig 1-2). BD 1 was drilled on the southern end of the southern magnetic high and intersected moderately to intensely altered arkoses (cataclastic volcanics?) that are strongly

magnetic and have a S.G. of about 3.0. The dominant alteration phases in BD 1 are magnetite, chlorite and quartz with carbonate, apatite pyrite and chalcopyrite as minor phases. The basement is weakly mineralised throughout returning 333m @ 0.1% Cu (0.05 – 0.5% range) and is anomalous in Fe, REE, Co and Ba.

New magnetic and gravity data by Tasman Resources reportedly indicates BD1 tested the peak of the magnetic anomaly, with the gravity peak located some 500m to the east. Fluid inclusion studies by Geoscience Australia on BD1 samples indicate a strong copper-bearing hydrothermal fluid association.

BD 2 was designed to test the centre of the northwestern gravity high, which is offset from the centre of the magnetic high. Remodelling of this anomaly by Minotaur suggests the hole failed to test the peak of the gravity. The hole intersected a sequence of amphibolites, mafic volcanics and chloritised metasediments with no significant mineralisation.

3.0 GEOPHYSICAL MODELLING – TARGET SELECTION

The recently collected gravity data was integrated with existing open file gravity data for the region (Fig 2). Reprocessing of open file aeromagnetic data was also undertaken (Fig 1). Interpretation of these data utilizing known geological controls (ie. drill hole data) has allowed controlling faults to hydrothermal IOCG mineralisation to be interpreted and has formed the basis for target selection and target ranking. Several lower priority gravity targets are highlighted in figure 2 but have not been modelled in detail.

Open File detailed gravity data is available over the Wirrda Well, Acropolis and Bopeechee Prospects. Depth to basement and intersected lithologies are available from these prospects also and so make useful comparisons with the anomalies generated by the recent survey.

Drill Targets

Acropolis West

The Acropolis West Survey covered the western extension of the Acropolis Prospect (Fig 3). The one drill hole (SAP 1) in the area failed to intersect basement at 1369m. Two linear NE-SW striking anomalies are seen in the data. The northern anomaly is located on the same demagnetised structure that intersects Olympic Dam and has a coincident aeromagnetic anomaly. This aeromagnetic anomaly was targeted by SAP-1, so the depth to target must be deeper than 1400m below surface.

The southern anomaly is a direct continuation of the Acropolis trend. Unlike the Acropolis prospect there is no coincident magnetic anomaly. Comparison of the data, (Fig 4) shows that the anomaly is similar in magnitude and wavelength to the anomaly associated with Acropolis. Depth to basement at the Acropolis prospect is as shallow as 480m.

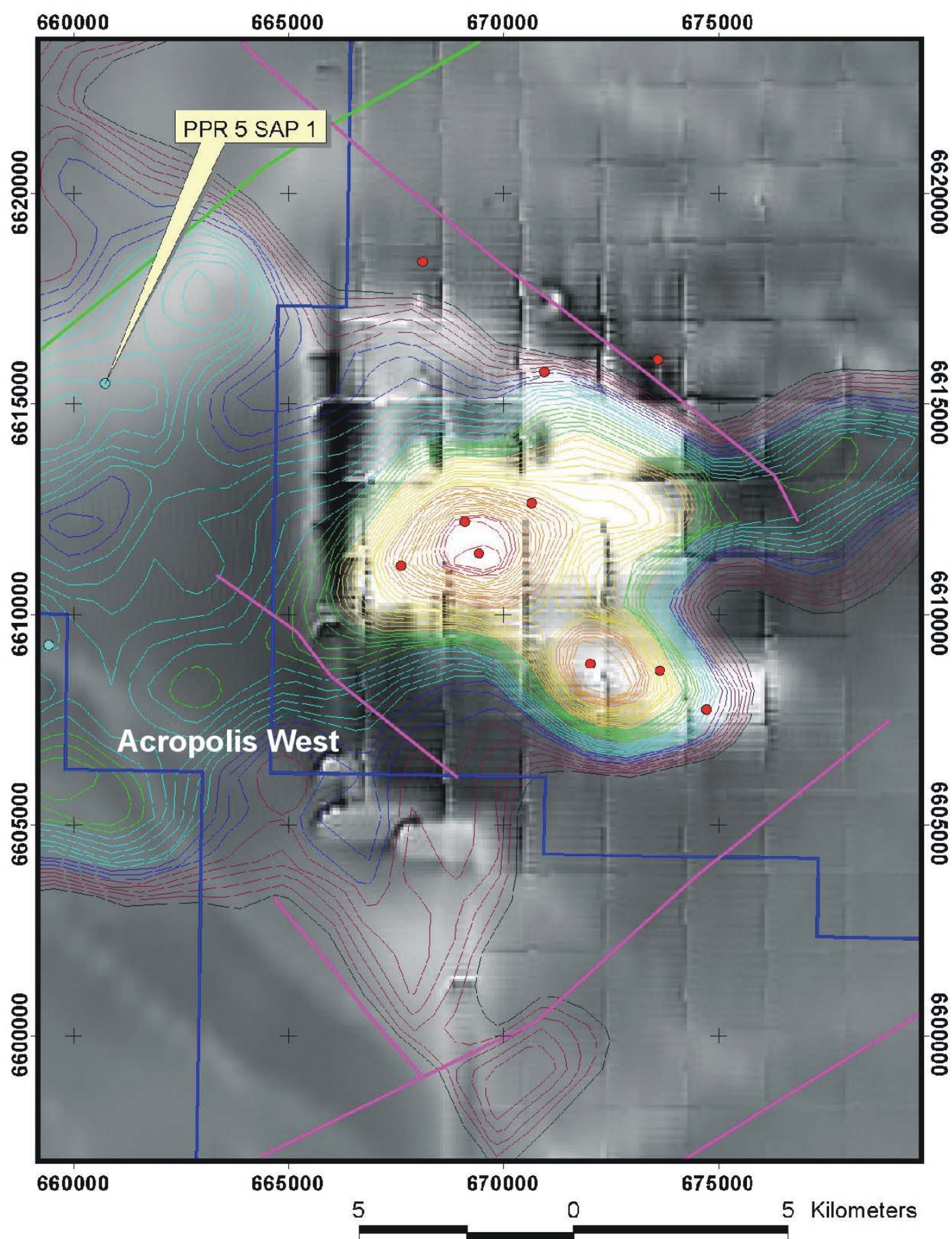


FIGURE 3. 1VD Bouguer gravity contours on 1 VD aeromagnetic data over Acropolis Prospect and Acropolis West anomaly

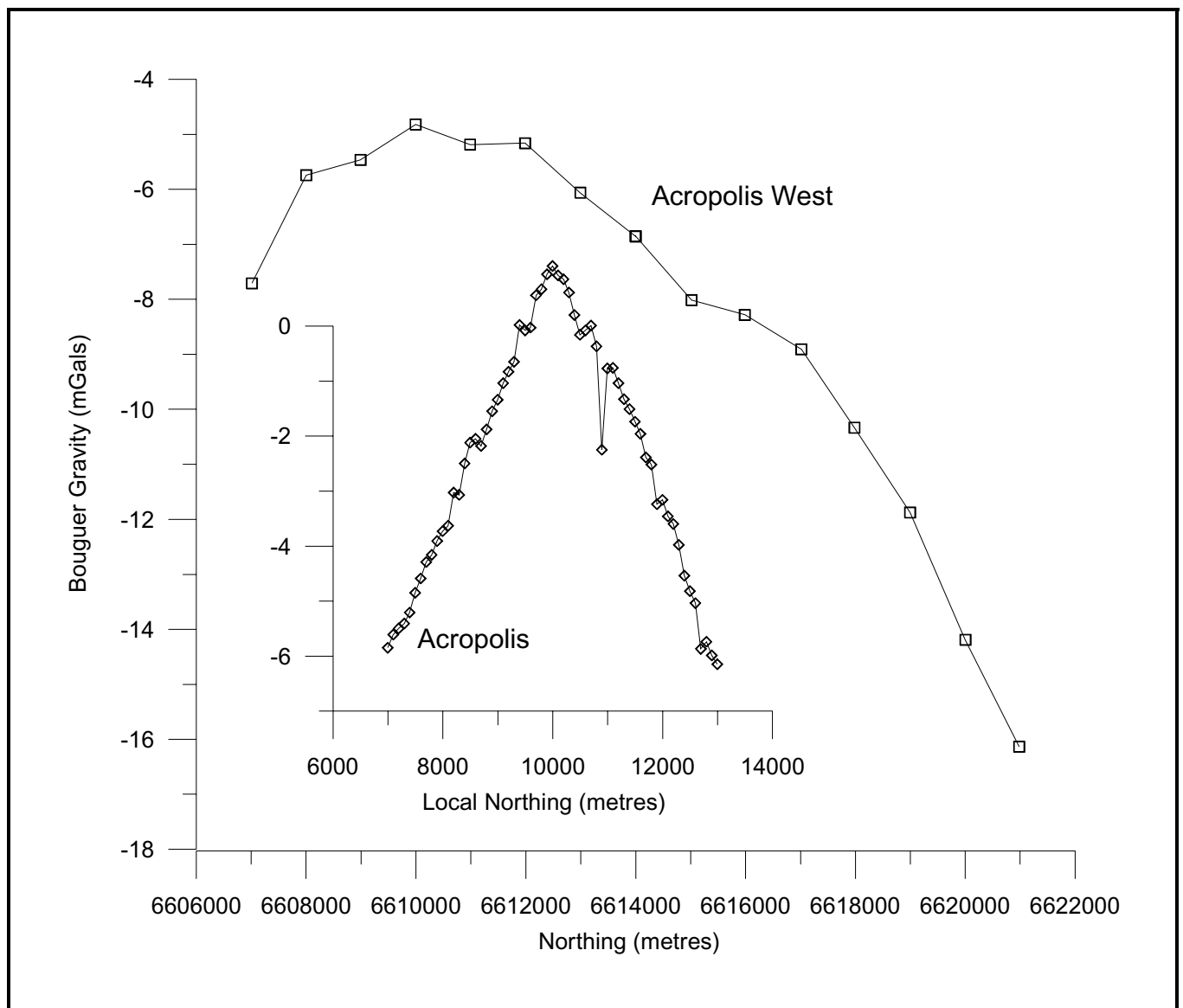


Figure 4 Bouguer Gravity Profiles over Acropolis Prospect and Acropolis West Anomaly.

Wirrda Well South

Wirrda Well South is a 5 mGal gravity anomaly located on a major NE trending demagnetised structure (Fig 1). This structure parallels the Jubilee Fault, which Olympic Dam occurs along. Recent structural and geochemical work undertaken by Geoscience Australia suggests the Jubilee Fault is the principal hydrothermal feeder conduit to the Olympic Dam mineralisation.

The anomaly has no coincident magnetic response. The anomaly has slightly longer wavelength than the Wirrda Well anomaly, though basement is interpreted to become significantly deeper beyond the southern margin of the anomaly. Modelling of this anomaly indicates a possible depth to top of basement of about 800m (Fig 5). A comparison of this anomaly with Wirrda Well is presented in figure 6.

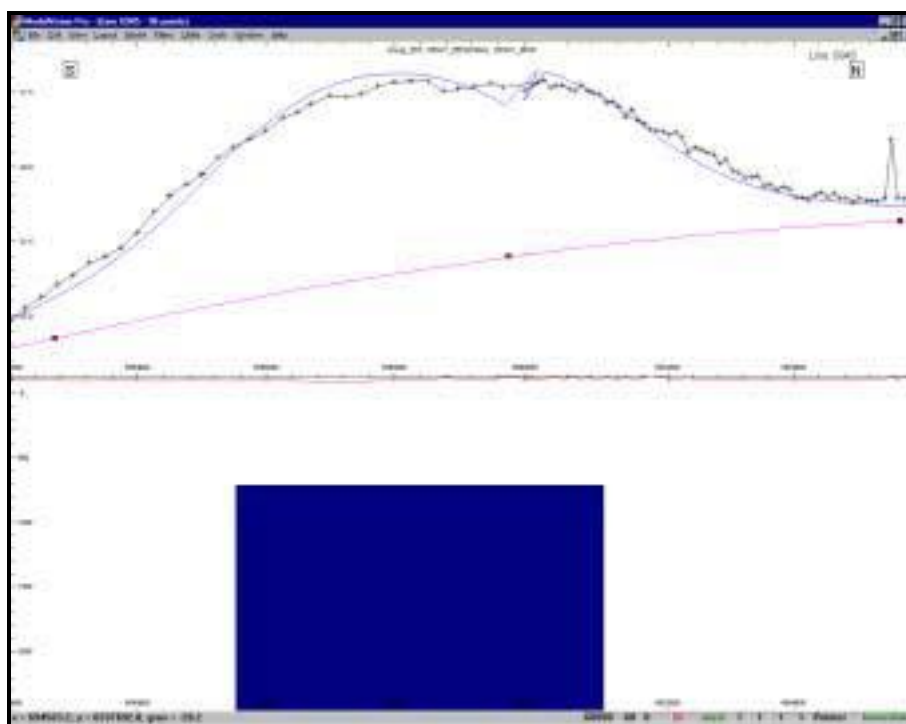


Figure 5 Modelling of Bouguer Gravity data over Wirrda Well South Anomaly

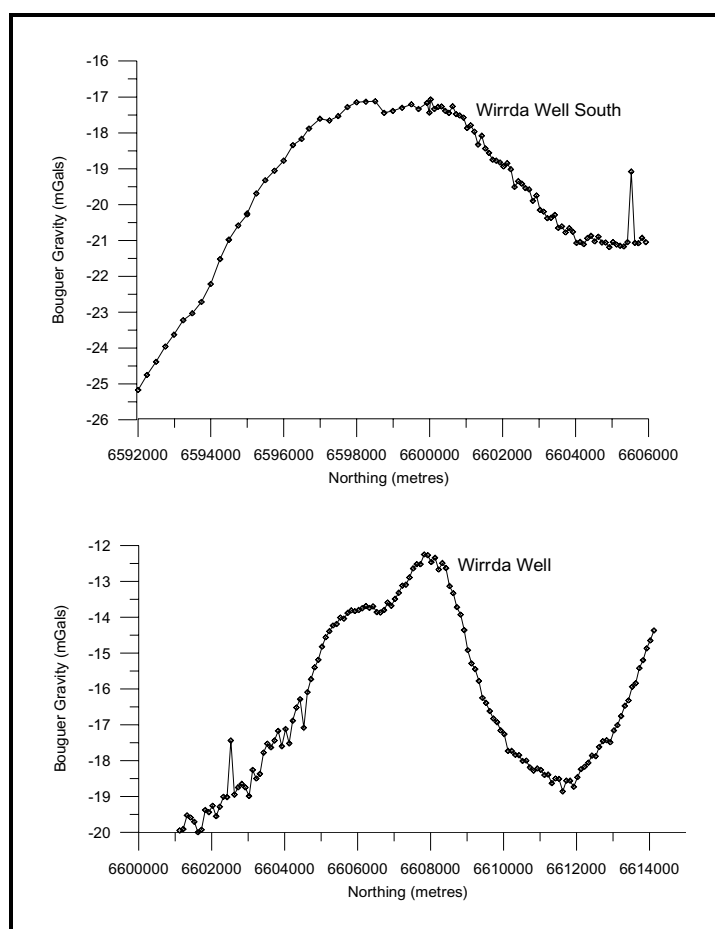


Figure 6 Bouguer Gravity Profiles over Wirrda Well Prospect and Wirrda Well Anomaly

Bopeechee West

The historical Bopeechee Prospect consists of two quasi-coincident gravity and magnetic anomalies. These anomalies were tested by drill holes, BD1 and BD2.

The gravity anomalies are 3 mGals and 6 mGals in amplitude. BD1, which purportedly tested the larger of the gravity anomalies (now believed to be located 500m away), intersected a sequence of arkoses and felsic dykes, with moderate to intense magnetite alteration. Depth to basement was 607m. BD2 failed to test either the peak of the gravity or the magnetic anomaly. It intersected a sequence of essentially non-magnetic mafic rocks including volcanics. Depth to basement was 657m.

Bopeechee West is a 4 mGal gravity anomaly that has no coincident aeromagnetic anomaly. The anomaly is similar in both amplitude and wavelength to the anomaly associated with BD2 (Fig 7). Depth to basement is most likely to be similar to the depth intersected in BD2. Modelling of the gravity anomaly is presented in figure 8. The depth to the top of the source in this model is approximately 700m. the Bopeechee West anomaly lies at the intersection of two major crustal structures and its close association with IOCG style alteration and copper-bearing hydrothermal fluids makes this a high priority for testing.

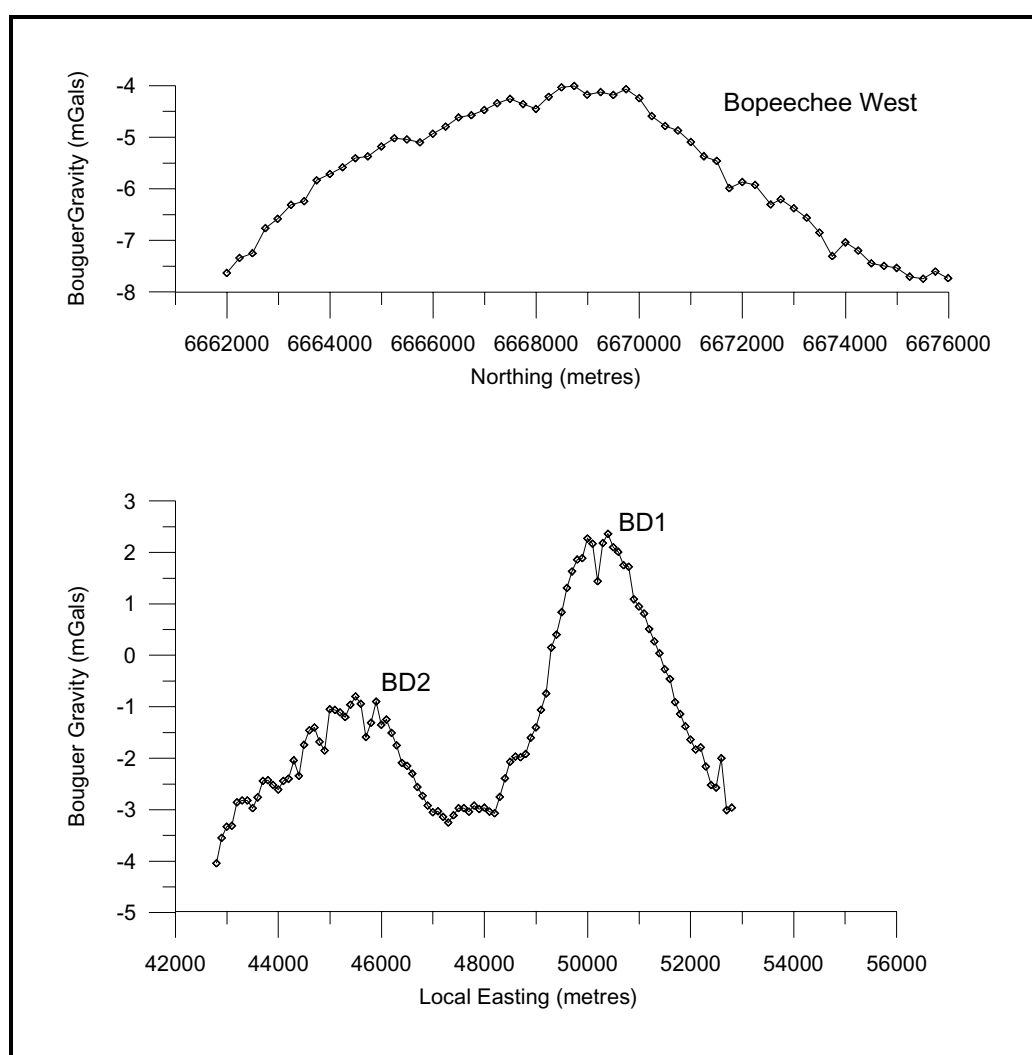


Figure 7 Bouguer Gravity Profiles over Bopeechee Prospect and Bopeechee West Anomaly.

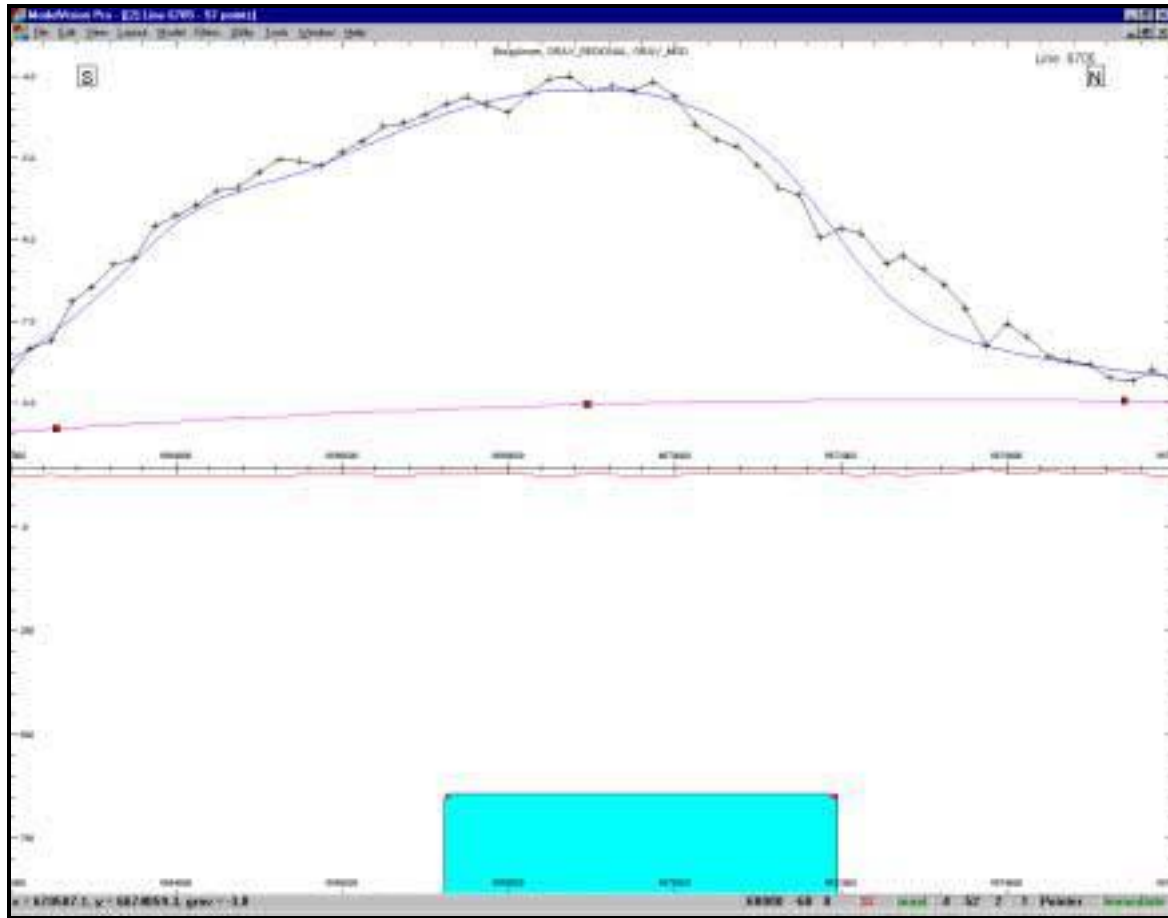


Figure 8 Modelling of Bouguer Gravity data over Bopeechee West Anomaly.

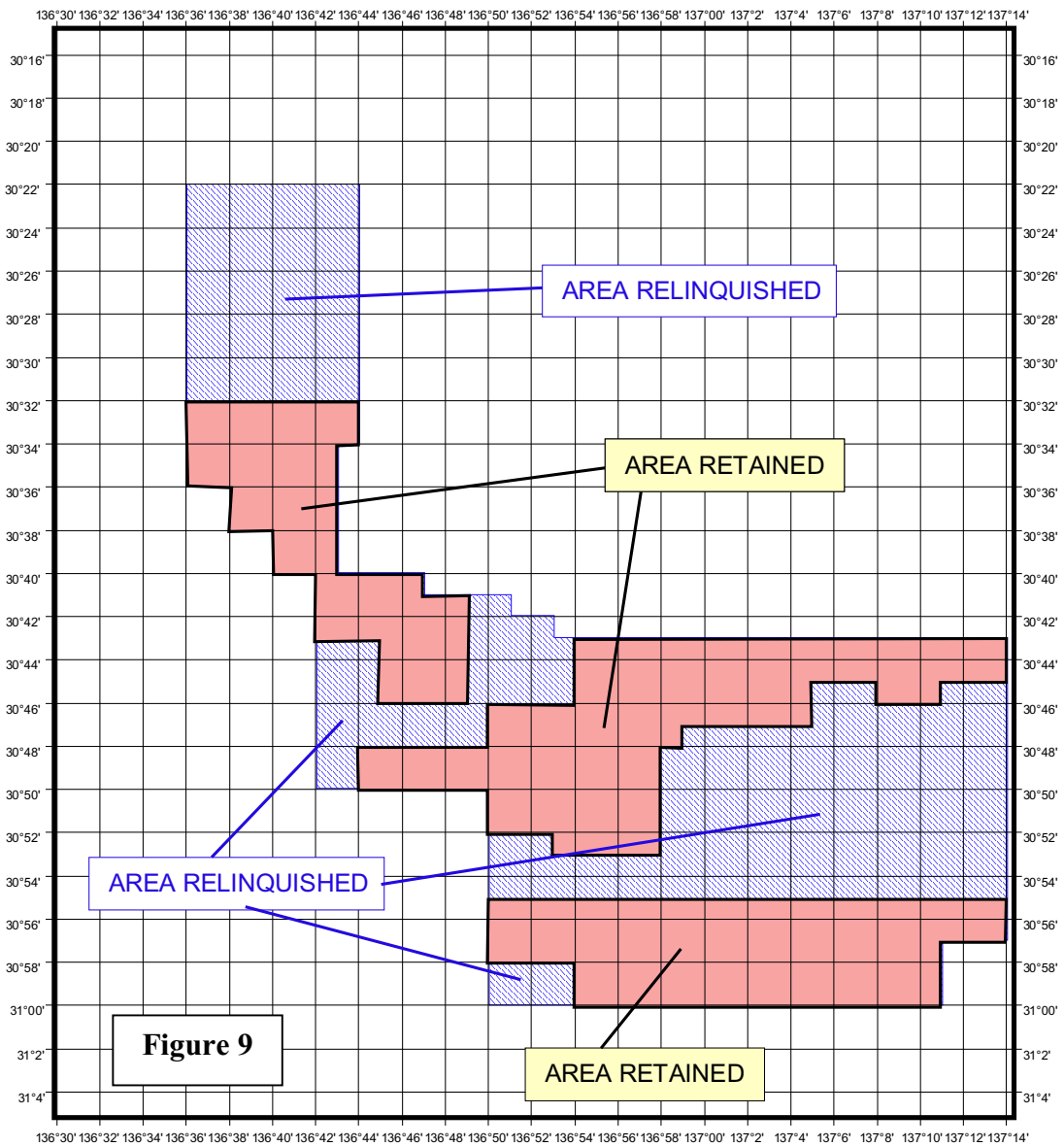
4.0 RECOMMENDED EXPLORATION PROGRAM

Acropolis West, Wirrda Well South and Bopeechee West are high priority drill ready targets. RC pre-collaring of each target to 500m with diamond tails of 100m at Acropolis West, 400m at Wirrda Well South, and 300m at Bopeechee West is a cost-effective option. Numerous other regional gravity features are present in the district, and should be critically re-evaluated based on results arising from the proposed drilling. Infill gravity and modelling is required to assess target size and depth.

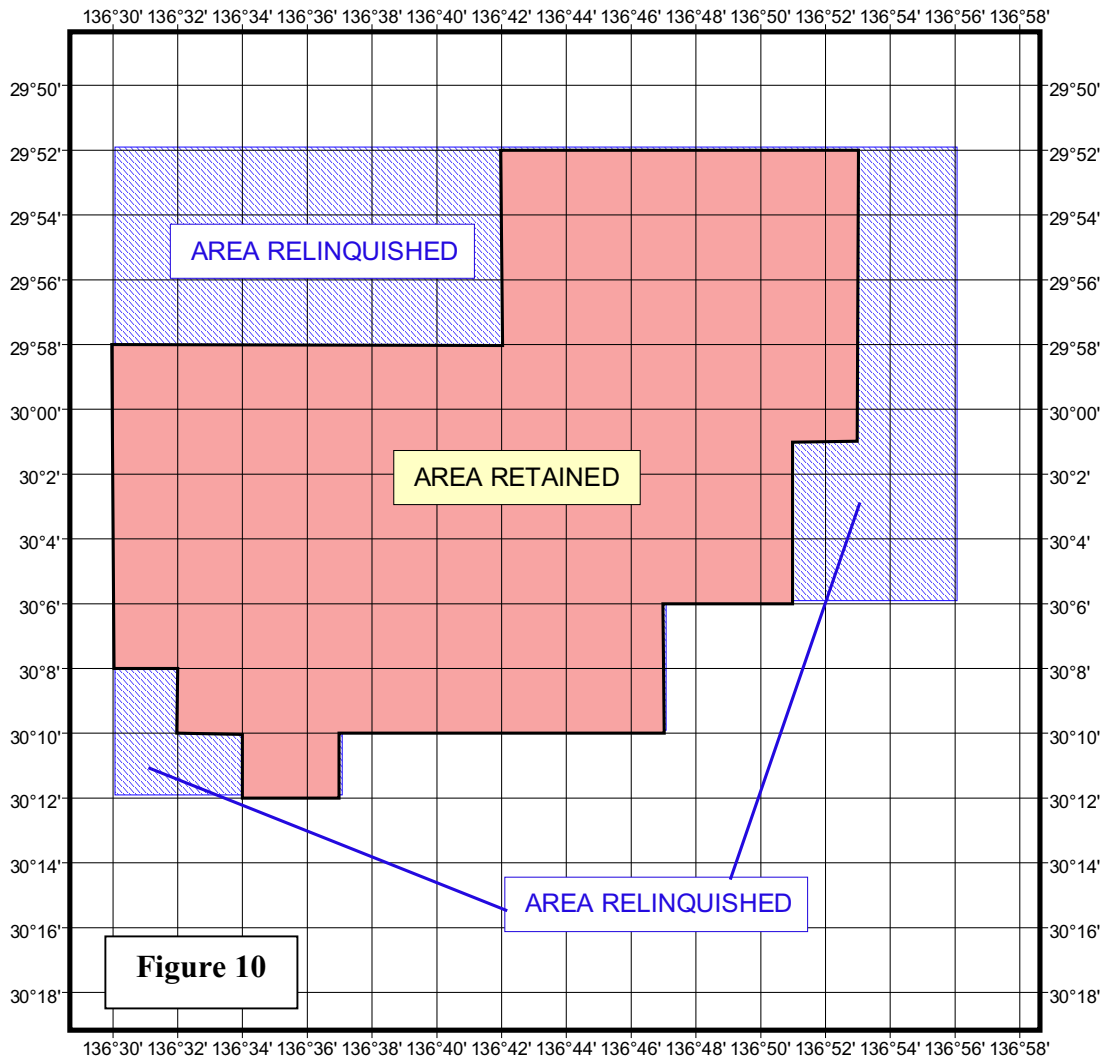
5.0 PARTIAL RELINQUISHMENT AREAS

At the end of the first reporting period Minotaur significantly reduced its lease holdings. EL 2931 has been reduced by 41% to 1055km² and EL 2932 has been reduced by 20% to 1063km². The relinquished areas correspond to regions where no significant gravity anomalies were identified. Figure 9 and 10 below outline the area reductions.

EL2931 Acropolis South, areas to be relinquished



EL2932 Roxby North, areas to be relinquished



6.0 EXPENDITURE

Total Expenditure for the period amount to \$184,308. A summary of all expenditure items is presented below.

Expenditure Item	Period Ending 25/10/2002 A\$	Period Ending 25/4/2003 A\$	Year Total 26/4/02-25/4/03 A\$
Salaries, Super & Work cover	42,770	29,150	71,920
Fees, Licence Expenses	12,232	--	12,232
Computing, Maps, Data Expenses	1,281	--	1,281
Field Expenses	2,519	9,035	11,554
Consultants	36,000	--	36,000
Motor Vehicle Expenses	1,760		1,760
Geophysical Expenses	31,330	1,476	32,806
Rehabilitation	--	--	--
Admin Overheads	12,789	3,966	16,755
Total	140,681	43,627	184,308

Figure 11 Summary of Exploration Expenditure for the Current Reporting Period.

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Introduction

A Regional GPS gravity survey designated as Roxby Downs 2002 Gravity Survey has been carried out in two main areas. The first survey area designed as the Northern Survey Area, it was located approximately 40 kilometres north-west of Roxby Downs in South Australia. The second survey area was located 20 kilometres south-east of the Roxby Downs and extend to 20 kilometres west of Roxby downs. The survey was conducted over 19 days from 13 July 2002 to 1 August 2002 on behalf of Minotaur Resources Ltd.

The proposed survey area consisted of a total of 5 separate survey areas. Two survey areas where located in the northern survey area and three survey areas where located in the southern survey area.

The Proposed Northern Survey Area included 233 regional gravity stations in irregular grids comprising 23 north-south running lines coincident with MGA with a line spacing of 1000 metres and station intervals of 1000 metres. During the survey an extra 89 stations where added to the survey areas in 2 north-south running lines with station spacings of 250 metres. The lines, of irregular length, were bounded in the west by MGA94 Zone 53 645000E, in the east by 676000E, in the south by 6662000N and in the north by 6676000N. The line lengths ranged from 15000 metres to 8000 metres.

The Proposed Southern Survey Area included 333 regional gravity stations in irregular grids comprising 33 north-south running lines coincident with MGA with a line spacing of 1000 metres and station intervals of 1000 metres. During the survey 84 stations where omitted. Also During the survey an extra 81 stations where added to the survey areas in 2 north-south running lines with station spacings of 250 metres. The lines, of irregular length, were bounded in the west by MGA94 Zone 53 657000E, in the east by 708000E, in the south by 6592000N and in the north by 6621000N. The line lengths ranged from 15000 metres to 6000 metres.

The completed survey comprised of the 652 stations including infill stations and not including the omitted stations. Some stations may have been slightly offset due to terrain, vegetation. There were 30 Observations repeated for quality control purposes, giving a repeat percentage of 4.60%.

The Bouguer anomaly processing has been performed using a country rock density of 2.67 g/cc. Note as requested, bouguer anomaly processing has also been carried out using country rock densities of 2.0, 2.2 and 2.4 g/cc.

Figure 1 below shows the location of the survey area.

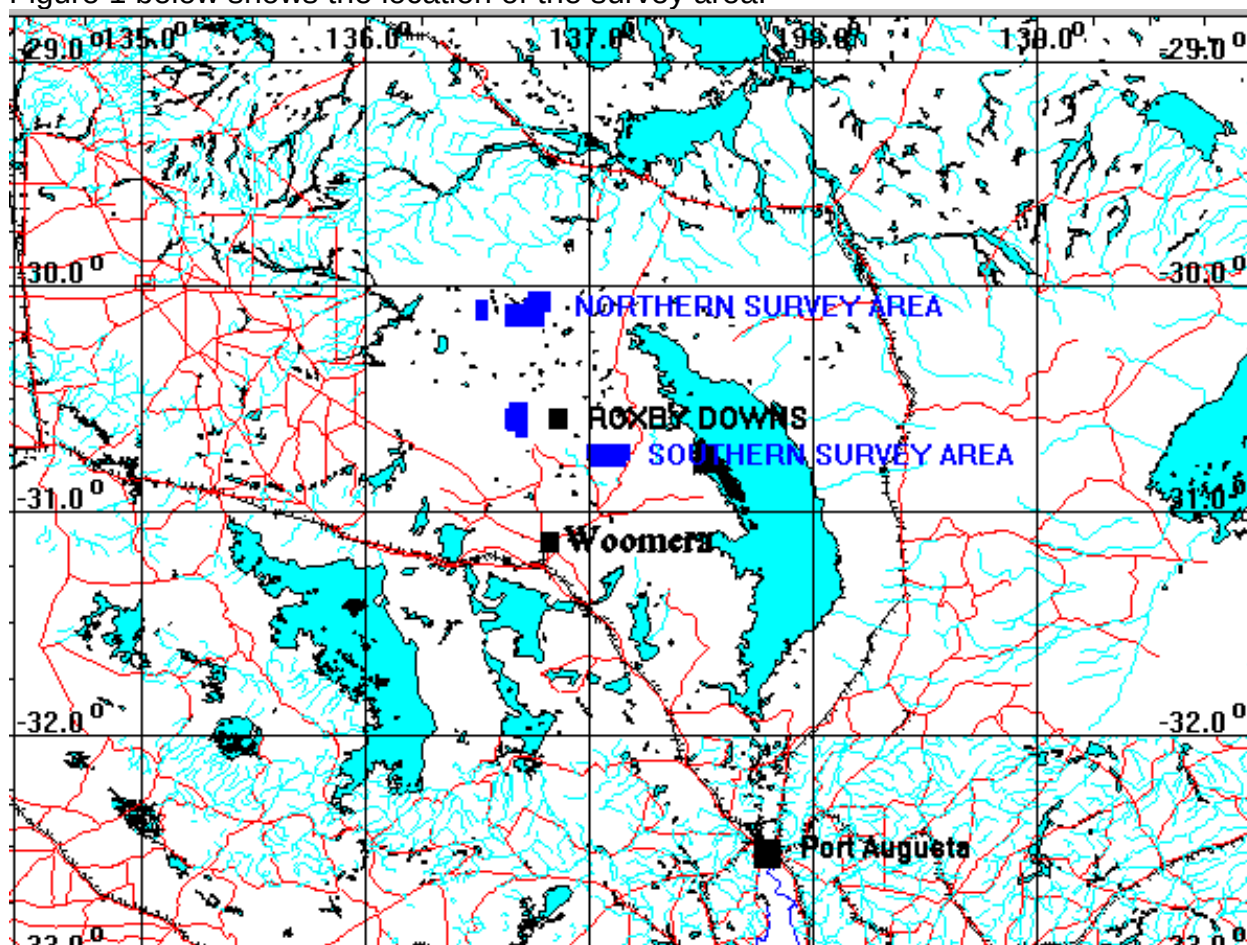


Figure 1. Location Diagram

GPS Observations and Processing

Carrier phase GPS data has been collected using *Trimble 4000* series Geodetic receivers.

Measurements for detail gravity observations have been made using Real Time Kinematic (RTK) techniques giving horizontal and vertical precisions of at least 5 cm.

Static baseline processing has been done using Trimble GPSurvey Version 2.30 software and RTK processing using Trimble TDC1 firmware and TRIMMAP Version 6.0 software.

The GPS coordinates (WGS84 datum) have been adopted from the GDA 94 values using a null transformation process. The WGS/GDA94 latitude and longitude have them been converted in MGA94 zone 53 grid coordinates using TRIMMAP version 6.0 software.

The GPS ellipsoidal heights (WGS84/GDA94 datum) have been corrected to orthometric heights (AHD) using the AusGeoid98 geoid model for the control and the gravity stations.

Details of Horizontal and Vertical control are given in the sections below.

Gravity Observations

Gravity measurements have been made using *Scintrex CG3 Autograv* instruments. The instrument numbers 601307 was used in this project.

Readings of 120 seconds were taken at base station. Readings of 40 seconds were taken at all other gravity survey points.

Base station readings were taken at the beginning of the day and at the end of the day's fieldwork.

The CG3 instrument applies an instrument drift correction to its final gravity reading. Any residual drifts between base station readings are corrected by the gravity post processing software. The instrument also applies Earth Tide Correction to its final gravity reading at each station. The instrument calibration constants are contained in the daily gravity data files.

Survey Control

Local gravity/GPS bases were established in the Northern survey area, Roxby Downs and the Southern survey area and designated 0000 0001(Northern Survey), 0000 0002 (Roxby Downs), 0000 0003 and 0000 00004 (Southern Survey) respectively.

Bases 0001, 0003, 0004 are marked with a cut star picket at the natural surface with an adjacent witness post (steel star picket) with metal tag stamped "Haines Survey GPS & GRAV Base 0000 0001", "Haines Survey GPS & GRAV Base 0000 0003" and "Haines Survey GPS & GRAV Base 0000 0004". Base 0000 0002 was located on an existing Land survey Mark (unknown) there was a brass plaque located at the natural surface with an adjacent witness post (Blue Star Picket) with metal tag stamped "Haines Survey GRAV Base 0000 0002".

Horizontal and vertical control was established for bases 0001, 0003 and 0004 using the AUSPOS Online GPS Processing Service supplied by Geoscience Australia. Three separate days of data were processed by AUSPOS for each base station with a minimum of 8 hours of logged data in each file. Base 0001 had 1 sigma Cartesian coordinate precisions of 0.007m X, 0.007m Y and 0.004m Z. Base 0003 had 1 sigma Cartesian coordinate precisions of 0.005m X, 0.008m Y and 0.005m Z and Base 0004 had 1 sigma Cartesian coordinate precisions of 0.008m X, 0.008m Y and 0.004m Z

Gravity Control was established on base 0002 at Roxby downs by an ABA tie with base 1980612425 (2425) and 1980612426(2425). Gravity Control Values were supplied by Geoscience Australia formally known as AGSO. From there Gravity Control has been Established on Bases 0001, 0003 and 0004 by repeated single loop morning and evening ties.

ROXBY DOWNS SURVEY / GRAVITY CONTROL

Station	WGS 84			MGA Zone 53		AHD	Isogal84
	Latitude	Longitude	Height	Easting	Northing	Height	Gravity mGal
1980612425	-30 27 47.78754	137 09 44.36426	N/A	707599.732	6627891.641	130.380	979323.535
1980612426	-30 25 28.10293	137 09 58.40187	N/A	708056.625	6632185.761	115.820	979336.442
0000 0001	-30 05 49.26680	136 45 15.58370	128.523	669049.356	6669166.054	123.015	979302.526
0000 0002	-30 35 12.57996	136 54 58.27132	109.300	683731.369	6614622.762	104.469	979337.862
0000 0003	-30 45 51.44850	137 04 10.19090	100.642	698071.74	6594689.813	95.868	979341.897
0000 0004	-30 35 36.44605	136 41 32.88055	105.473	662265.983	6614231.845	101.206	979343.831

Control information (**WGS84 heights have been derived using AusGeoid98**):

Point Numbering and Marking

An 8 digit point number is used to identify each gravity station. The first 4 digits indicate the line number. The second 4 digits indicate the station number

The lines are north-south and the 8 digits are constructed from the planned MGA coordinates for each gravity station using

$$\text{Line No} = (\text{MGA E}) / 100 \quad \text{Stn No} = (\text{MGA N} - 6000000) / 100$$

eg. Planned gravity station MGA coordinates

692000.000E

6592000.000N

Line No = 6920

Station No = 5920

i.e. Pt No = 69205920

Station numbers have been partly expanded in the processed data to show metres, that is, the Line Numbers = MGA E – 500000 and Station Numbers = MGA N – 6700000.

The gravity stations have not been marked in the field.

Gravity Processing

The gravity values for this survey are related to the *Australian Gravity Base Station Network* using the *Isogal84 (IGSN 71)* values at known Gravity Stations as provided by DMR.

Note that all gravity values shown in these surveys are expressed in units of milligals.

The field gravity observations have been processed using standard formulae and constants to produce a Bouguer Anomaly for each gravity station.

The meter reading as recorded in the raw Scintrex data file is corrected for instrument tilts, meter drift and Earth Tide. Post processing corrections are detailed below.

Drift

The residual drift between base station readings is calculated for each station reading proportionately by time. This is the drift value shown in the processing output.

$$\text{Drift} = [(t_1 - t_n) ((b_2 - b_1) / (t_2 - t_1))]$$

- t_n = time of meter reading at each station
- b_1 = base meter reading prior to station reading
- t_1 = time of base reading b_1
- b_2 = base meter reading after station reading
- t_2 = time of base reading b_2

Obs mgal

This is the observed gravity value in milligals.

$$\text{Obs} = b_g + (r_n - \text{drift}) - b_1$$

- b_g = base stn gravity value (Isogal84)
- r_n = meter reading at each station as shown in the CG3 .dat file
- drift = residual drift correction as shown above
- b_1 = base meter reading prior to station reading

Anom

This is the difference between the observed gravity and the theoretical gravity value at each station. The theoretical value is calculated using the *1967 International Gravity Formula*.

$$\text{Anom} = \text{Obs} - g_{th}$$

Obs = observed gravity as explained above

$$g_{th} = 978031.8 (1 + 0.0053024 \sin^2\phi - 0.0000059 \sin^2 2\phi)$$

ϕ = WGS84 Latitude

Freeair corrn

The freeair correction is calculated using

$$\text{Freeair corrn} = 0.3086 H$$

H = height above sea level (AHD height)

Bouguer corrn

$$\text{Bouguer corrn} = 0.04192 \rho H$$

ρ = density (2.67 g/cc used for this survey)

H = height above sea level (AHD height)

Bouguer Anom

$$\text{Bouguer Anom} = \text{Anom} + \text{Freeair corrn} + \text{Bouguer corrn}$$

Results Formats

Printed results of the gravity processing (with Bouguer corrections at density 2.67 g/cc) are included in the Appendix of this report. The results are also supplied in digital form on floppy disk with the following of files being supplied.

ALLCOR.XYZ ALLGEO.XYZ ALLCSV.CSV

Field gravity observation files with the extension .DAT and .DC and summarised GPS baseline solution files with extension .GPS are also supplied in a separate subdirectory named OBS.

ALLCOR.XYZ format

This is a *GEOSOFT* compatible XYZ (space delimited columns) file. The data is sorted by Day then Line and Stn number. The column order is as follows: Extra columns have been added for Bouguer corn and bouguer anom processed at densities of 2, 2.2 and 2.4 as requested.

AMG E	AMG N	Line	Stn	drift	corr'd	obs	anom	freeair	bouguer	bouguer	height
					meter	mgal		corn	corn	anom	(AHD)
											(2.67)

ALLGEO.XYZ format

This is a *GEOSOFT* format XYZ (space delimited columns) file. The data is sorted into Line and Stn number suitable for profiling. The column order is as follows: Extra columns have been added for Bouguer corn and bouguer anom processed at densities of 2, 2.2 and 2.4 as requested.

Line	Stn	AMG E	AMG N	drift	corr'd	obs	anom	freeair	bouguer	bouguer	height
					meter	mgal		corn	corn	anom	(AHD)
											(2.67)

ALLCSV.CSV Format

This is a Comma Separated Variable format file. This format facilitates data import into spreadsheet and database software. Each record (line) contains the following data fields:

Pt Number, Line No, Station No, Date, Day Number, Local Time, WGS Latitude, WGS Longitude, WGS Height, AMG East, AMG North, AHD Height, Meter reading, Meter reading standard deviation, Earth Tide Correction, drift correction, corrected meter reading, gravity difference (mgal) from base, observed gravity (mgals), gravity anomaly, freeair correction, Bouguer correction (2.67), Bouguer anomaly

***.DAT**

These are the raw data files from the *Scintrex CG3* gravimeter. There is a separate file for each day's data for each field party. The files are identified by the Julian day number (001 = Jan 1st) with the prefix G. eg. G142 = day 142 (21st May).

***.DC**

These are the GPS Real Time Kinematic Data Collector files. They are ASCII format files containing the GPS vectors from the base station. The data is structured in a Trimble format (DC file Version 4).

***.GPS**

These are the GPS solution summaries for all post processed Fast Static baselines with a separate file for each day's solutions. Each record (line) contains the following data fields:

Station, Solution Type, GPS Time, WGS84 Latitude, WGS84 Longitude, WGS84 Height, WGS84 dX, WGS84 dY, WGS84 dZ, Wgs84 dH, Baseline Distance, Solution Reference Variance, Solution RMSE, Rover Antenna Height, Baseline Standard Deviation , Solution Variance Ratio, Observation Count/Rejects, Observation Start time, Observation Finish time

PRODUCTION LOG**Roxby Downs 2002 Gravity Survey Production Log**

Date	GPS Day	Observed	Repeats	Comments
14-Jul-02	D195	0	0	Mobilised to Roxby Downs
15-Jul-02	D196	0	0	Survey and Gravity Control Northern Survey Area Grid
16-Jul-02	D197	47	0	Started the Northern survey area
17-Jul-02	D198	23	0	Continued Northern Survey Area
18-Jul-02	D199	52	1	Continued Northern Survey Area
19-Jul-02	D200	54	0	Continued Northern Survey Area
20-Jul-02	D201	57	4	Continued Northern Survey Area
21-Jul-02	D202	30	1	Continued Northern Survey Area
22-Jul-02	D203	45	0	Continued Northern Survey Area, Infill Survey Area
23-Jul-02	D204	14	2	Complete Northern Survey Area,
24-Jul-02	D205	40	0	Started the Southern Survey Area
25-Jul-02	D206	50	1	Continued Southern Survey Area
26-Jul-02	D207	42	2	Continued Southern Survey Area
27-Jul-02	D208	16	4	Continued Southern Survey Area, moved survey areas
28-Jul-02	D209	18	0	Continued Southern Survey Area, Rain interrupted
29-Jul-02	D210	16	9	Continued Southern Survey Area, Crew Change
30-Jul-02	D211	70	2	Continued Southern Survey Area
31-Jul-02	D212	33	3	Continued Southern Survey Area
1-Aug-02	D213	45	1	Completed Southern Survey Area, Infill Survey Area
2-Aug-02	D214	0	0	
	Total	652	30	

Repeat Observation Results**Southern Area**

Pt #	Day	E	N	H	G	Bouguer
69506000	D205	695,013.952	6,599,998.104	113.966	979,340.622	-17.386
69506000	D212	695,014.031	6,599,998.096	113.900	979,340.581	-17.440
		-0.079	+0.008	+0.066	+0.041	+0.054
69605950	D205	695,995.036	6,595,010.881	94.266	979,344.022	-21.417
69605950	D206	695,995.086	6,595,011.177	94.249	979,343.993	-21.449
		-0.050	-0.296	+0.017	+0.029	+0.032
69705980	D206	696,988.454	6,597,983.798	105.629	979,342.747	-18.316
69705980	D208	696,988.727	6,597,983.746	105.684	979,342.718	-18.334
		-0.273	+0.052	-0.055	+0.029	+0.018
69805930	D206	697,997.494	6,593,009.946	91.775	979,342.608	-24.727
69805930	D208	697,997.410	6,593,010.014	91.809	979,342.566	-24.762
		+0.084	-0.068	-0.034	+0.042	+0.035
69905920	D206	699,006.113	6,592,003.405	97.722	979,341.037	-25.836
69905920	D210	699,008.058	6,592,002.902	97.562	979,341.072	-25.833
		-1.945	+0.503	+0.160	-0.035	-0.003
69905930	D206	699,014.982	6,593,004.493	97.528	979,341.077	-25.117
69905930	D210	699,014.848	6,593,004.362	97.440	979,341.083	-25.128
		+0.134	+0.131	+0.088	-0.006	+0.011
69905940	D206	699,008.316	6,594,006.737	101.367	979,340.175	-24.546
69905940	D210	699,007.842	6,594,006.410	101.344	979,340.223	-24.503
		+0.474	+0.327	+0.023	-0.048	-0.043
69905950	D206	699,000.800	6,595,015.873	108.742	979,338.634	-23.914
69905950	D210	699,001.014	6,595,014.636	108.740	979,338.609	-23.940
		-0.214	+1.237	+0.002	+0.025	+0.026
69905960	D206	698,994.999	6,596,009.768	105.109	979,340.437	-22.114
69905960	D210	698,995.279	6,596,009.703	105.037	979,340.491	-22.074
		-0.280	+0.065	+0.072	-0.054	-0.040
69905970	D206	699,000.807	6,597,009.914	110.153	979,339.751	-21.092
69905970	D210	699,001.008	6,597,010.229	110.124	979,339.798	-21.051
		-0.201	-0.315	+0.029	-0.047	-0.041
69905980	D206	698,996.311	6,598,007.017	107.962	979,341.315	-19.246
69905980	D210	698,996.255	6,598,007.045	107.839	979,341.385	-19.200
		+0.056	-0.028	+0.123	-0.070	-0.046
69905990	D206	698,991.031	6,599,018.224	106.573	979,341.557	-18.553
69905990	D210	698,993.400	6,599,017.064	106.571	979,341.525	-18.587
		-2.369	+1.160	+0.002	+0.032	+0.034
69906000	D206	698,992.328	6,600,015.671	108.973	979,340.389	-18.536
69906000	D208	698,992.126	6,600,015.680	108.987	979,340.346	-18.576
		+0.202	-0.009	-0.014	+0.043	+0.040
70005920	D206	699,995.436	6,592,006.299	105.505	979,339.138	-26.189

70005920	D207	699,994.596 +0.840	6,592,006.507 -0.208	105.498 +0.007	979,339.124 +0.014	-26.204 +0.015
70105920	D206	701,002.353	6,592,007.725	115.352	979,337.092	-26.283
70105920	D207	701,002.421 -0.068	6,592,007.608 +0.117	115.390 -0.038	979,337.034 +0.058	-26.334 +0.051
70605970	D207	706,007.800	6,597,017.024	88.599	979,341.471	-23.512
70605970	D208	706,008.078 -0.278	6,597,017.584 -0.560	88.499 +0.100	979,341.483 -0.012	-23.519 +0.007
66206140	D209	662,008.285	6,614,001.223	97.435	979,344.924	-6.720
66206140	D211	662,007.753 +0.532	6,614,001.669 -0.446	97.397 +0.038	979,344.893 +0.031	-6.758 +0.038
66306140	D209	663,003.620	6,613,998.315	100.592	979,344.268	-6.746
66306140	D210	663,003.811 -0.191	6,613,998.407 -0.092	100.521 +0.071	979,344.242 +0.026	-6.786 +0.040
66406140	D210	664,004.610	6,614,002.675	100.700	979,344.119	-6.860
66406140	D211	664,004.282 +0.328	6,614,002.524 +0.151	100.709 -0.009	979,344.123 -0.004	-6.854 -0.006
66002100	D211	660,000.685	6,620,995.908	95.028	979,333.906	-13.243
66002100	D213	660,000.806 -0.121	6,620,996.233 -0.325	94.975 +0.053	979,333.967 -0.061	-13.192 -0.051
69459450	D212	694,490.565	6,594,496.821	94.107	979,344.873	-20.985
69459450	D212	694,490.568 -0.003	6,594,496.989 -0.168	94.085 +0.022	979,344.885 -0.012	-20.977 -0.008
69459500	D212	694,497.873	6,594,999.675	97.652	979,344.521	-20.279
69459500	D212	694,497.873 +0.000	6,595,000.061 -0.386	97.597 +0.055	979,344.561 -0.040	-20.250 -0.029

Repeat Observation Results

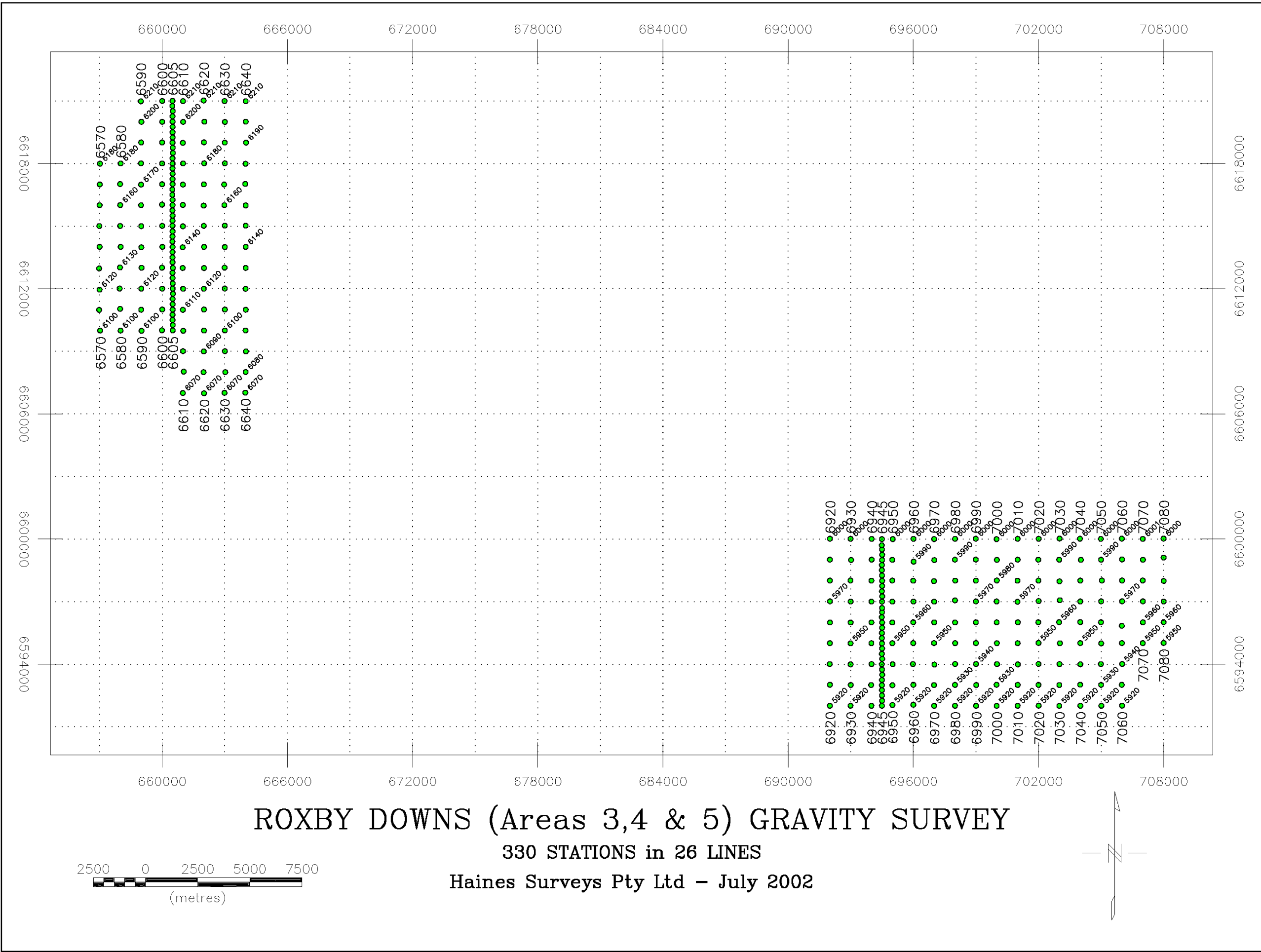
Northern Area

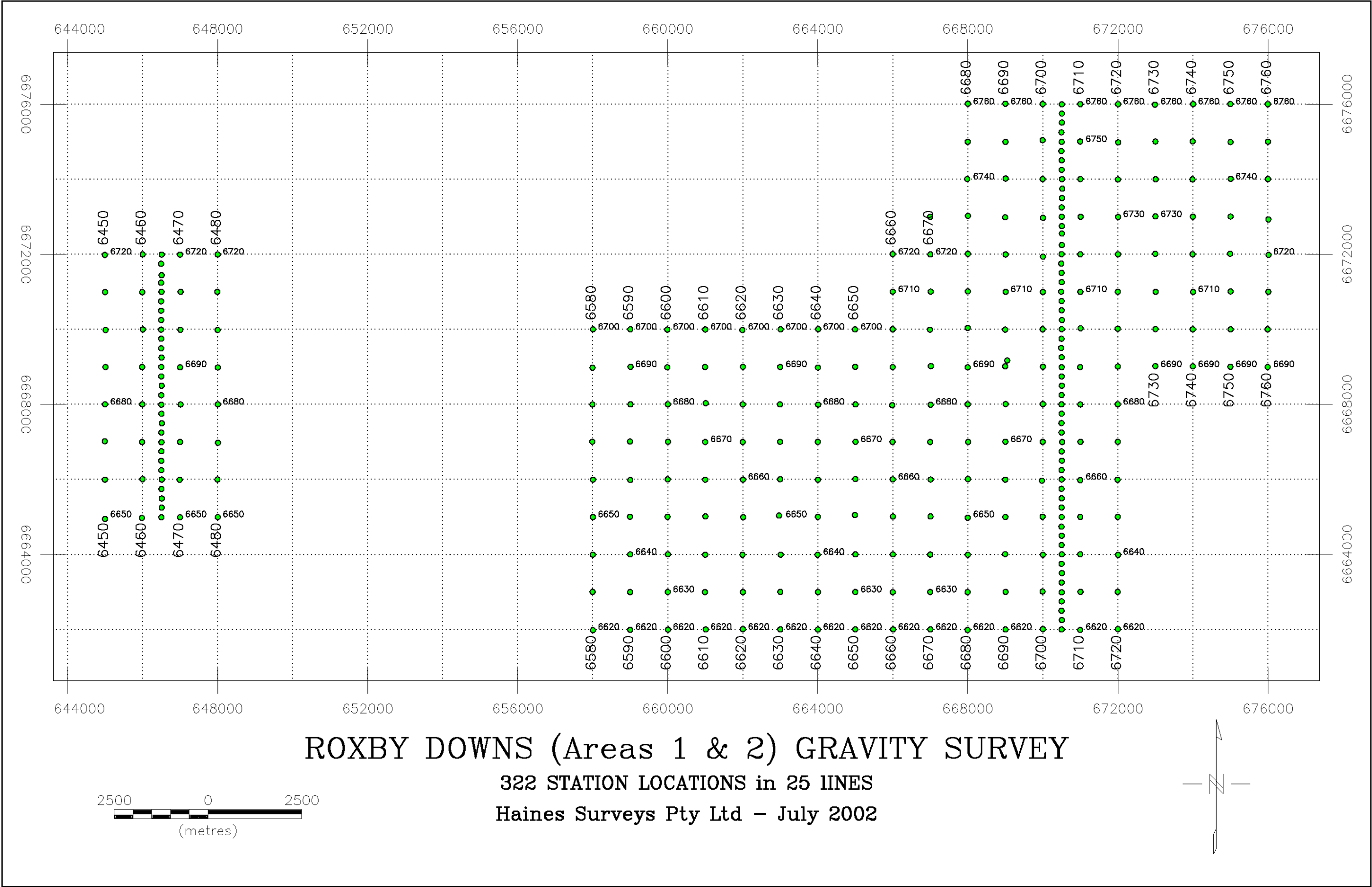
Pt #	Day	E	N	H	G	Bouguer
66506650	D197	664,988.220	6,665,047.227	127.853	979,301.289	-8.065
66506650	D201	664,988.334	6,665,047.861	127.833	979,301.313	-8.044
		-0.114	-0.634	+0.020	-0.024	-0.021
66806650	D197	667,994.662	6,664,973.723	134.406	979,300.380	-7.705
66806650	D204	667,994.686	6,664,974.027	134.397	979,300.356	-7.730
		-0.024	-0.304	+0.009	+0.024	+0.025
67206710	D198	671,996.822	6,670,998.270	129.479	979,299.369	-5.382
67206710	D199	671,996.801	6,670,998.546	129.485	979,299.380	-5.369
		+0.021	-0.276	-0.006	-0.011	-0.013
66906680	D199	669,006.095	6,668,004.729	119.577	979,303.870	-4.977
66906680	D201	669,006.156	6,668,004.869	119.568	979,303.909	-4.940
		-0.061	-0.140	+0.009	-0.039	-0.037
67006680	D199	669,997.910	6,668,004.984	127.632	979,302.578	-4.674
67006680	D201	669,997.914	6,668,004.974	127.583	979,302.583	-4.678
		-0.004	+0.010	+0.049	-0.005	+0.004
64706650	D200	646,997.784	6,664,987.474	117.541	979,290.407	-21.198
64706650	D202	646,998.240	6,664,986.673	117.161	979,290.463	-21.218
		-0.456	+0.801	+0.380	-0.056	+0.020
66006670	D200	660,007.957	6,667,000.873	118.873	979,301.456	-8.335
66006670	D201	660,007.923	6,667,001.015	118.928	979,301.499	-8.281
		+0.034	-0.142	-0.055	-0.043	-0.054
67057275	D203	670,504.076	6,672,746.404	125.560	979,298.071	-6.232
67057275	D204	670,504.064	6,672,746.289	125.571	979,298.097	-6.204
		+0.012	+0.115	-0.011	-0.026	-0.028

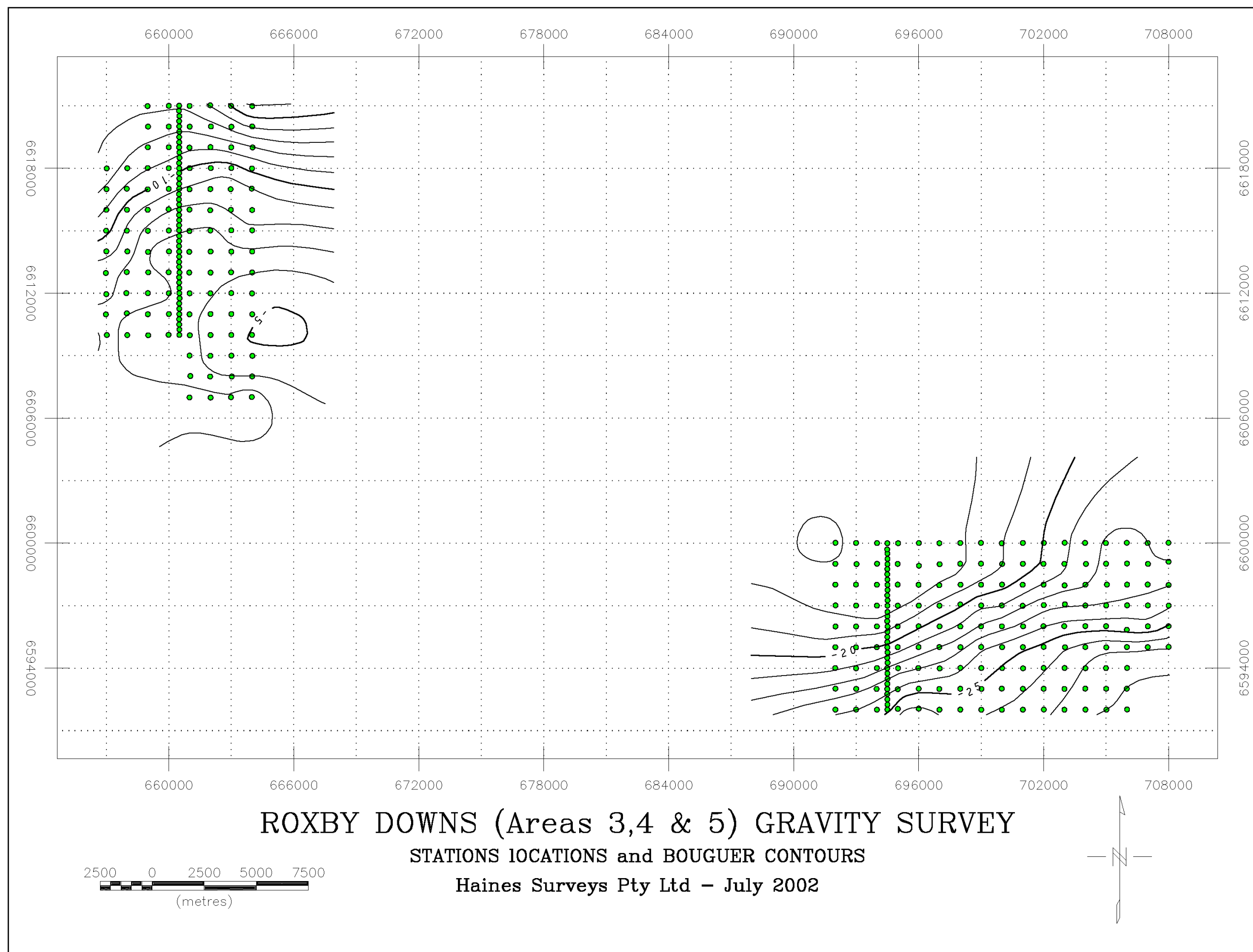
Plots**Plots**

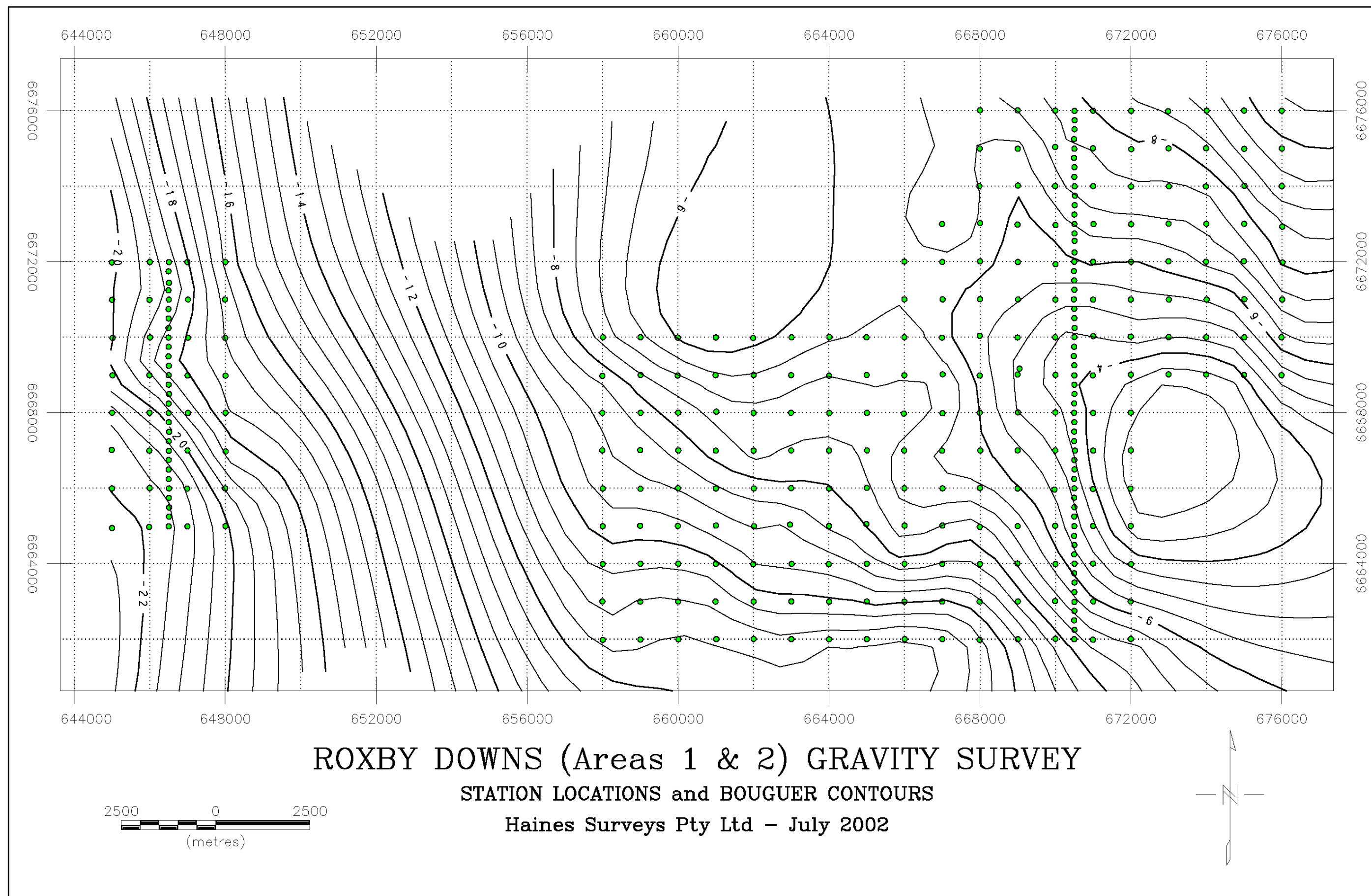
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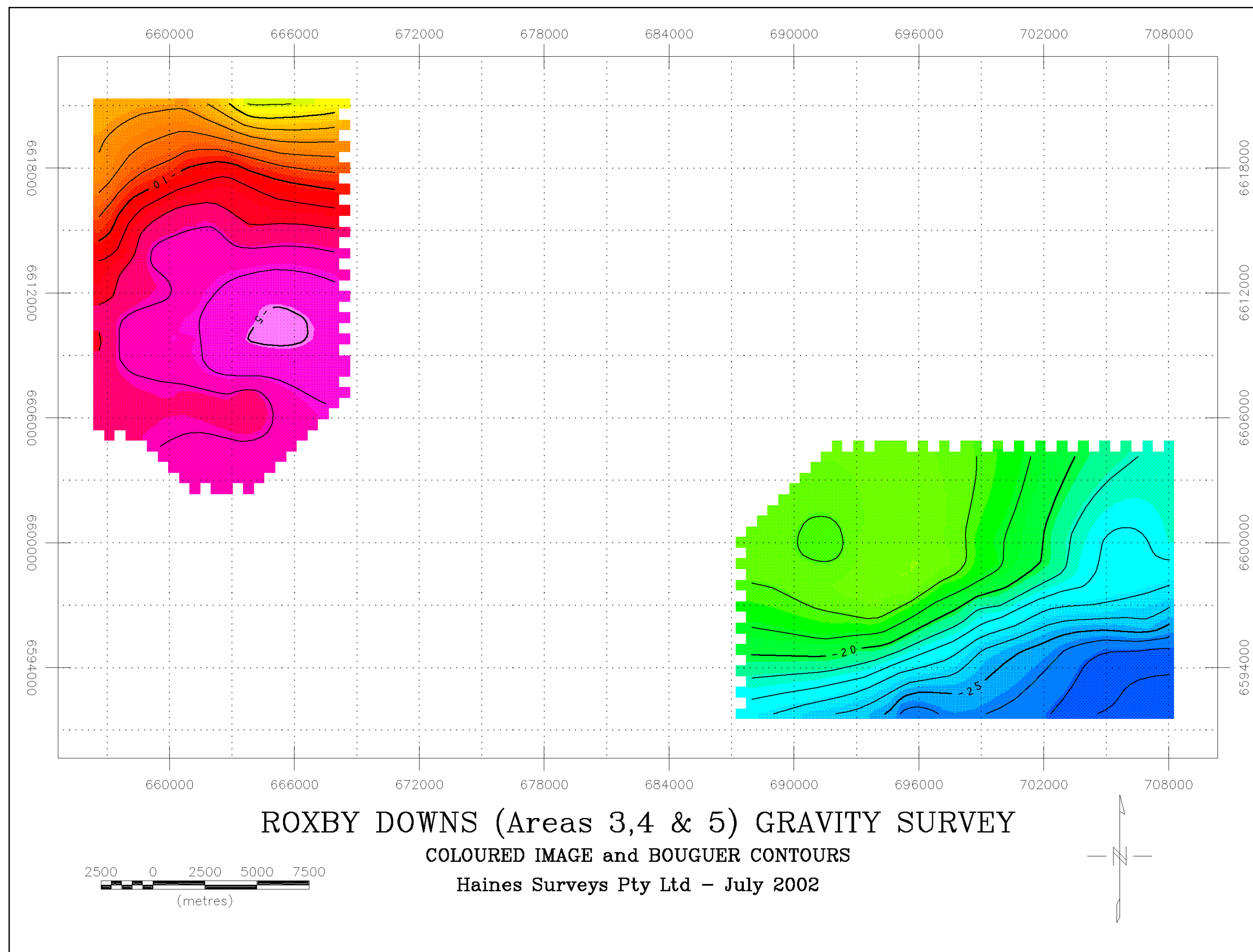
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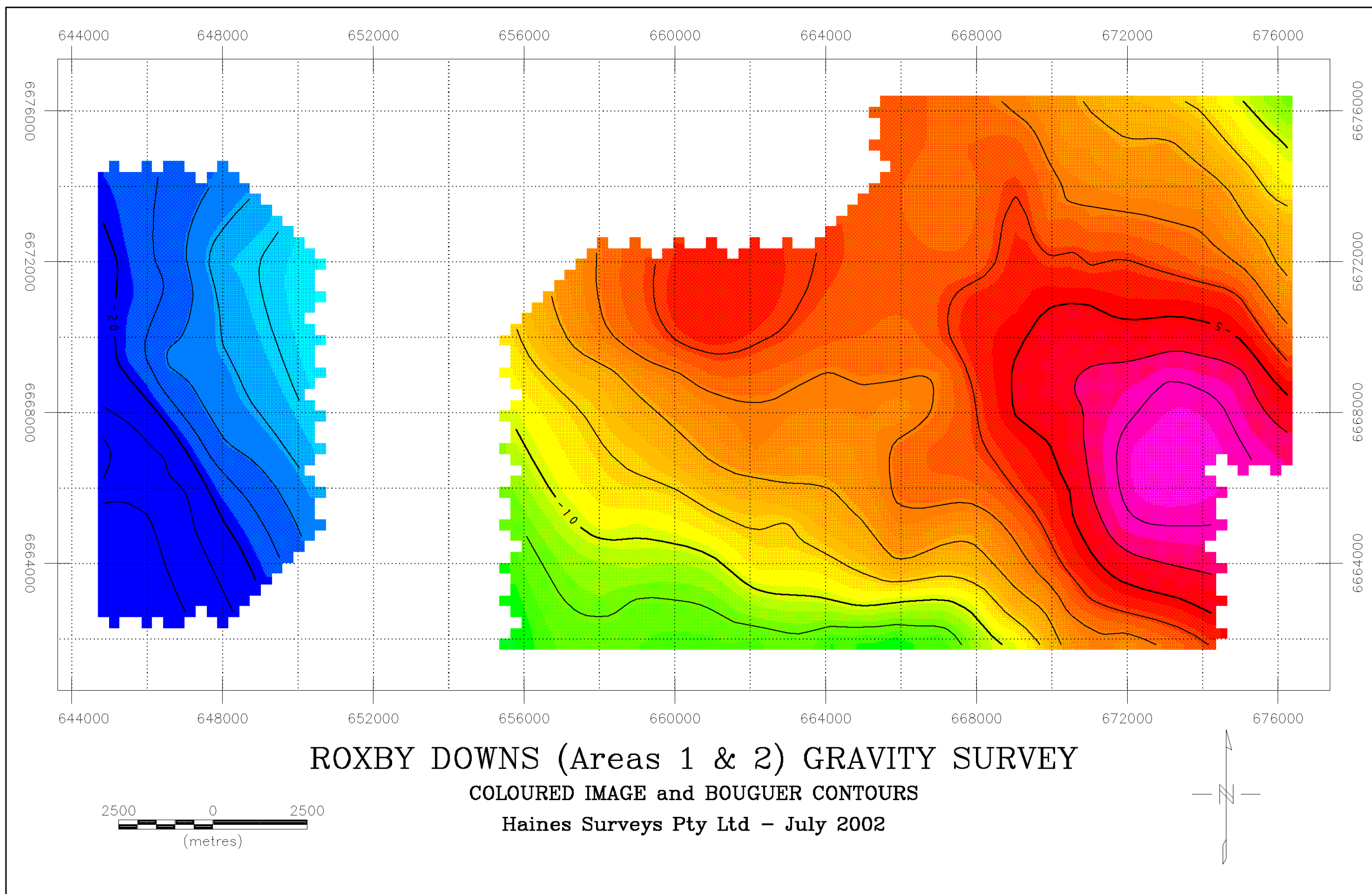


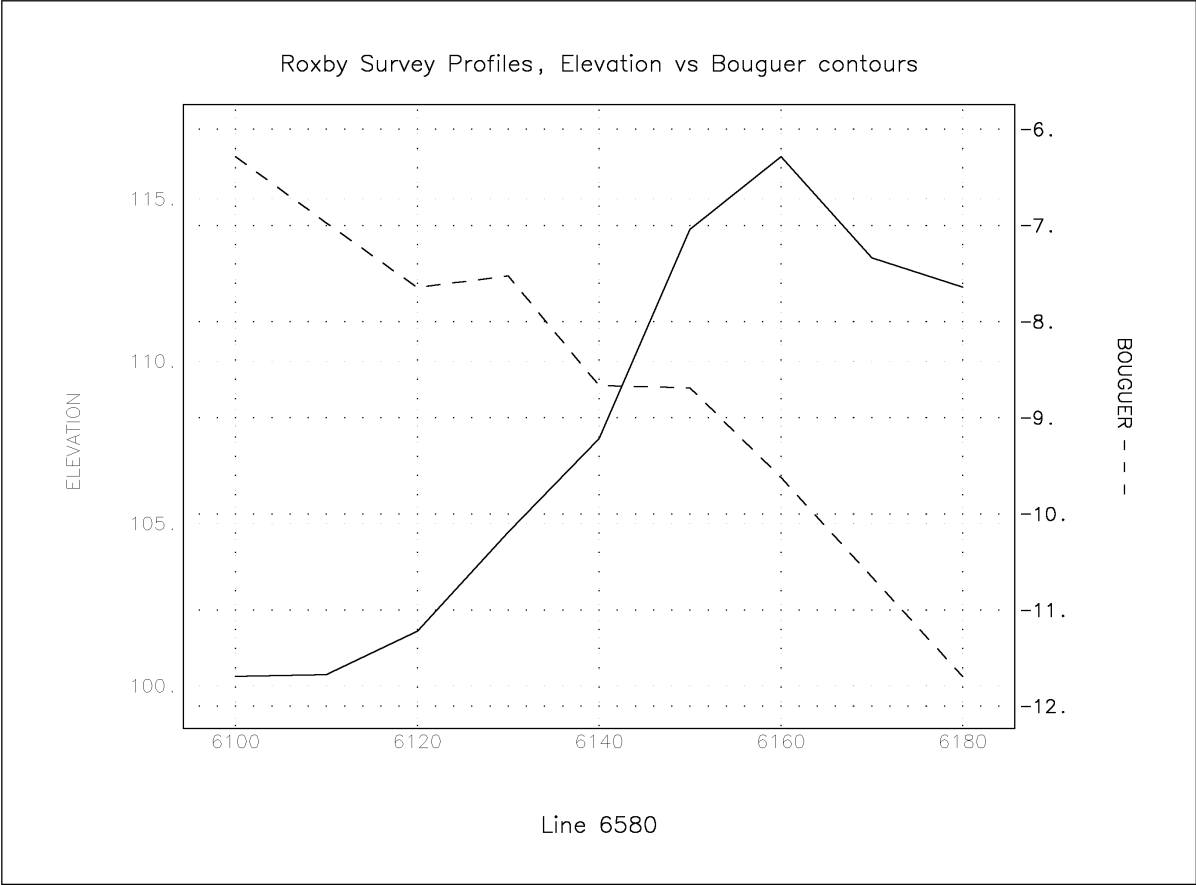
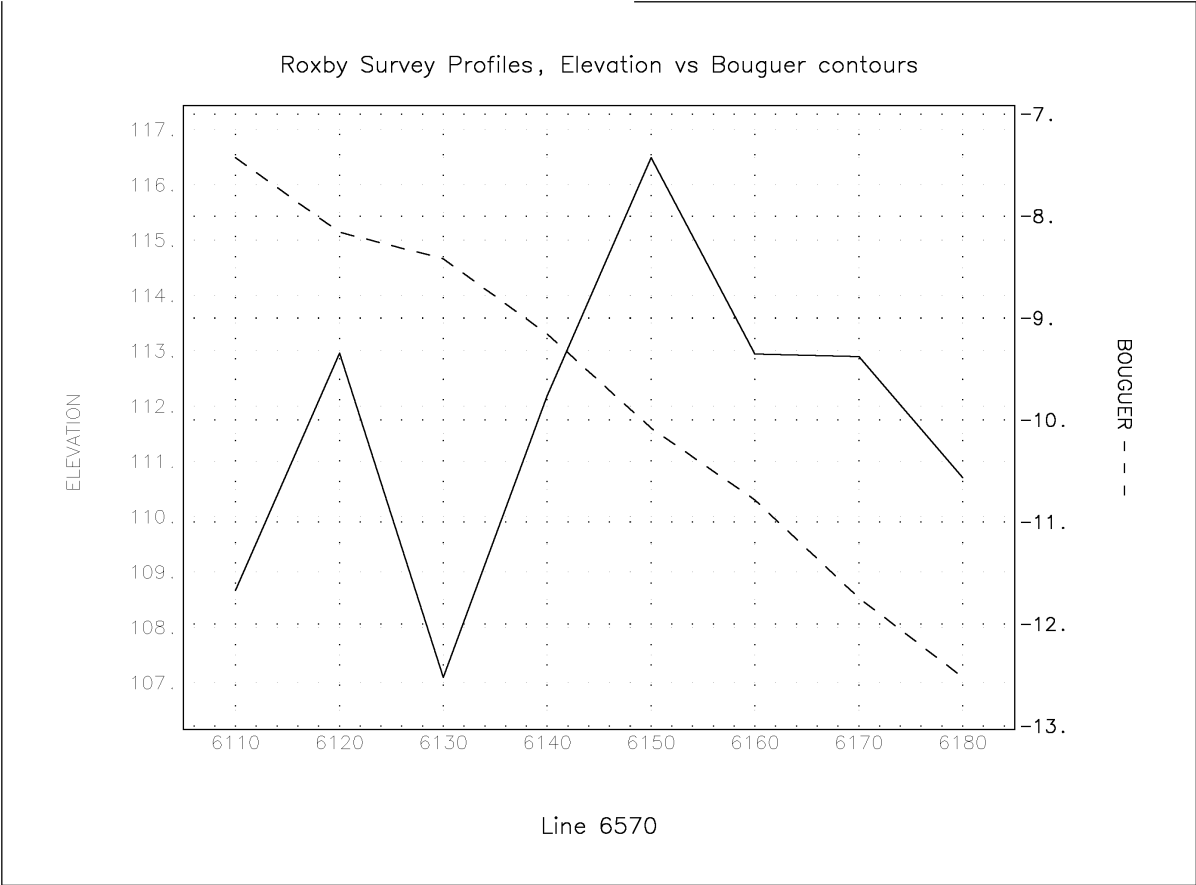


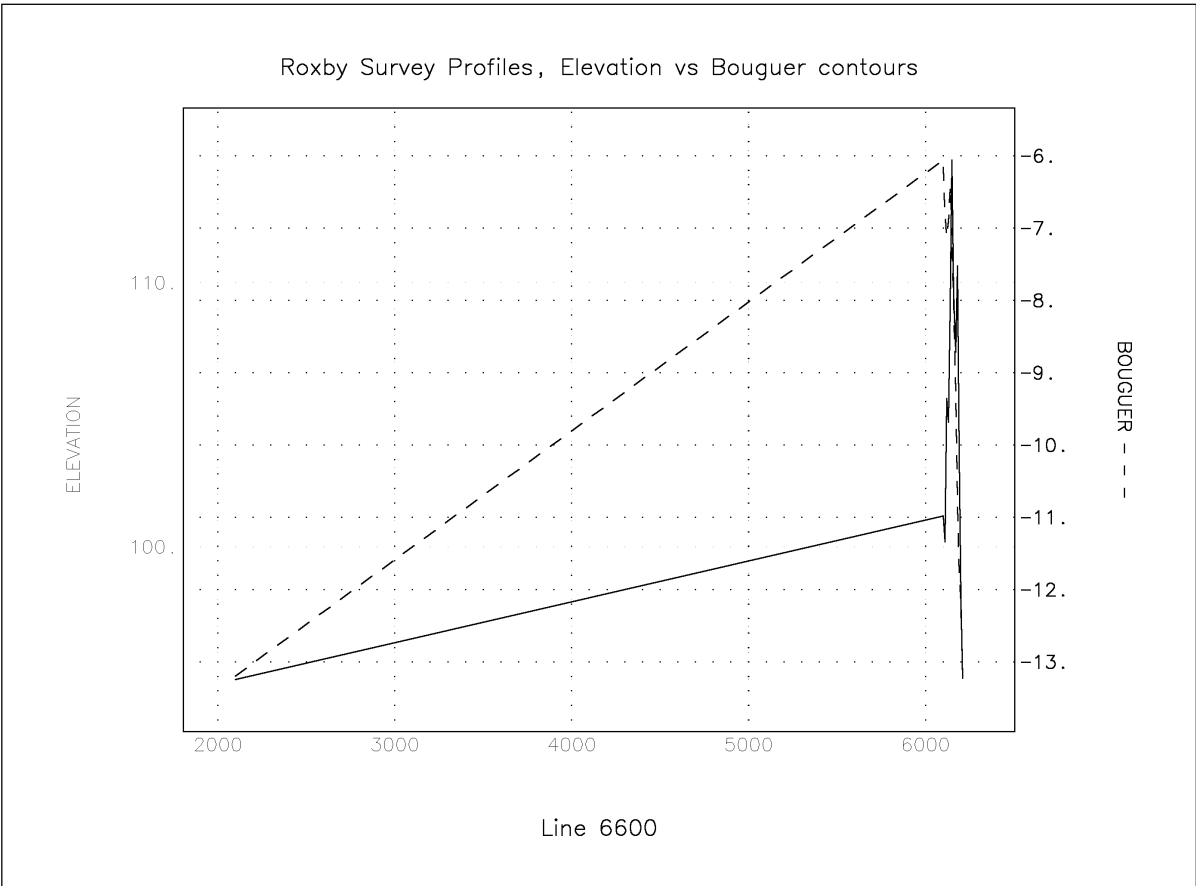
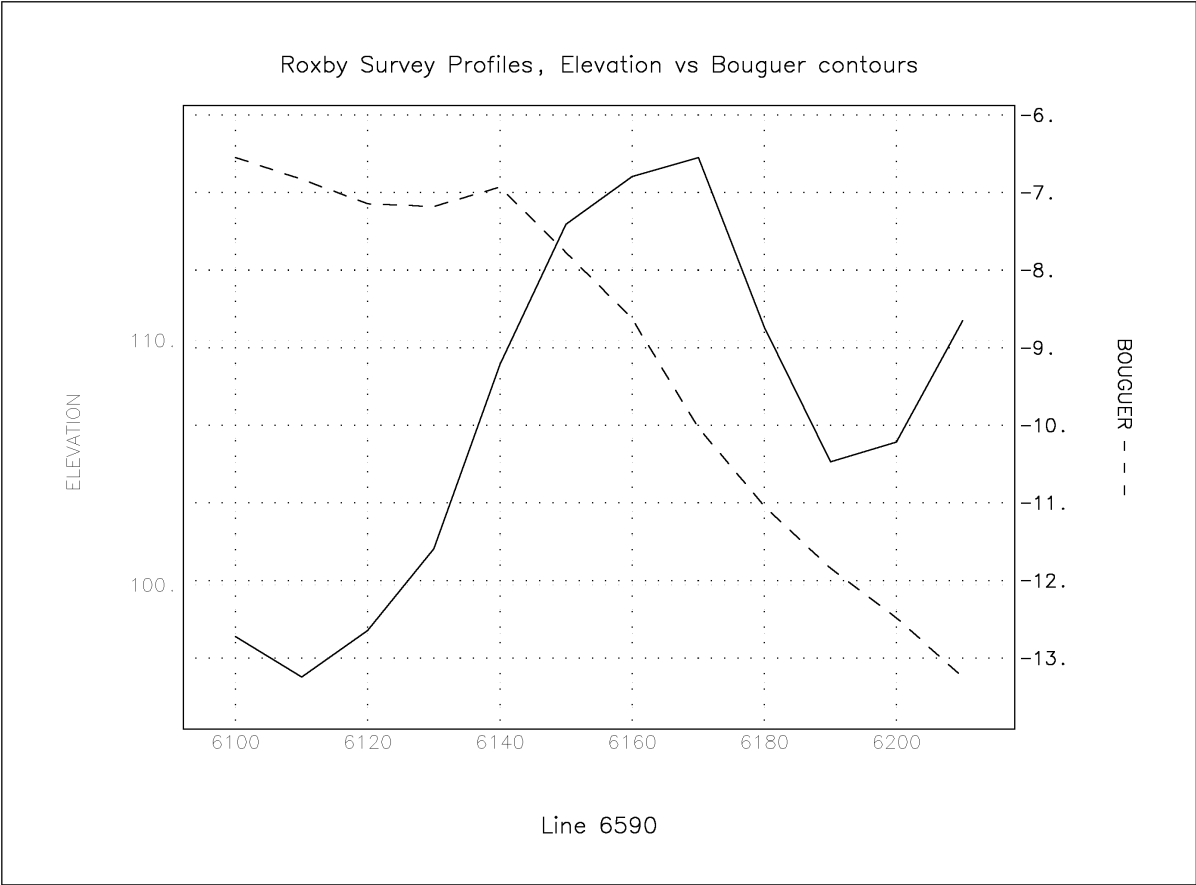


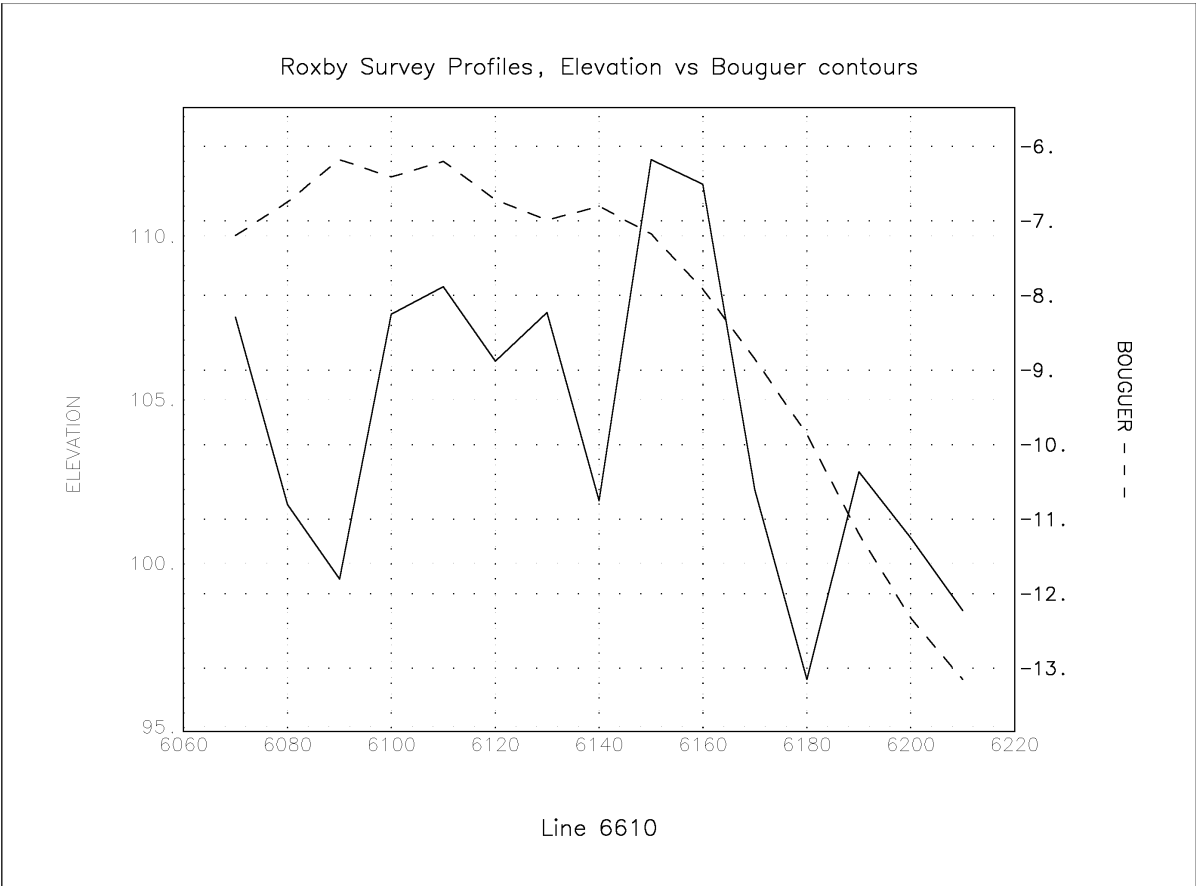
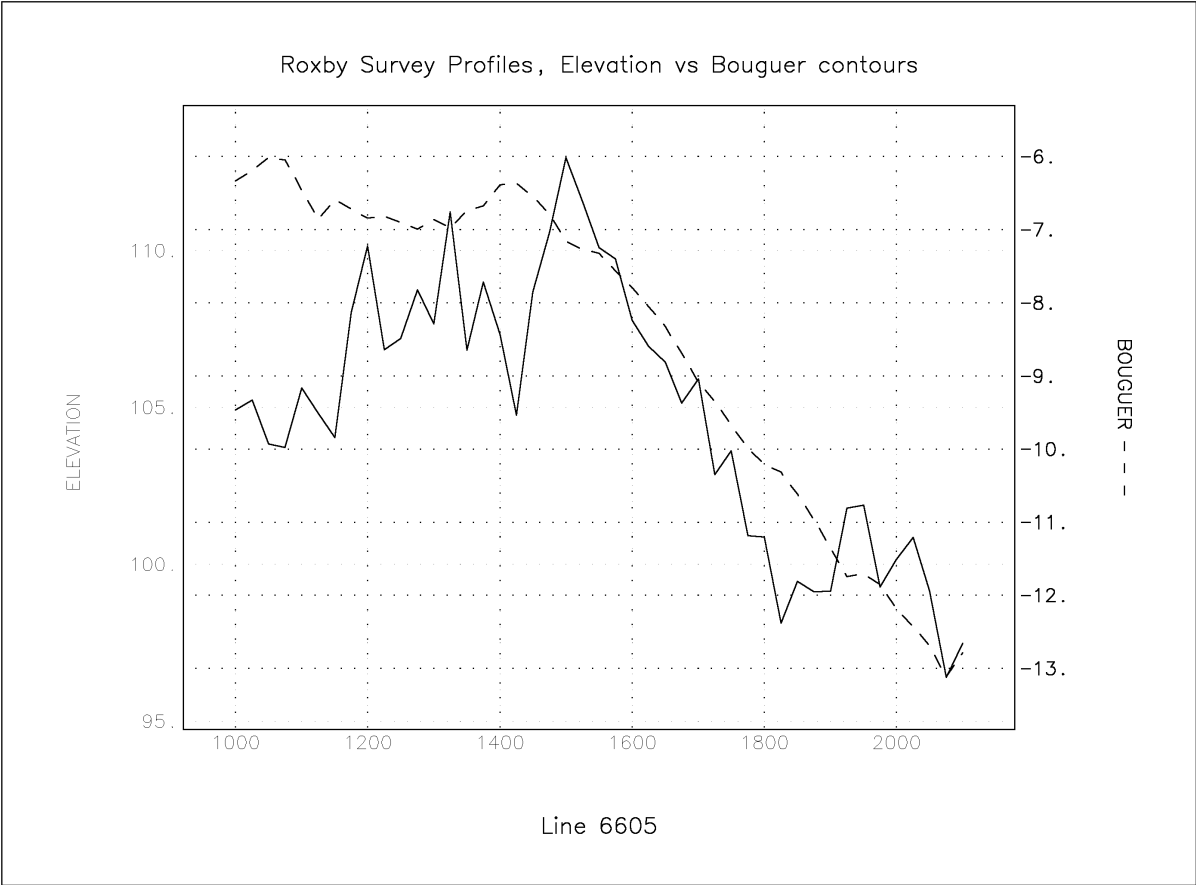


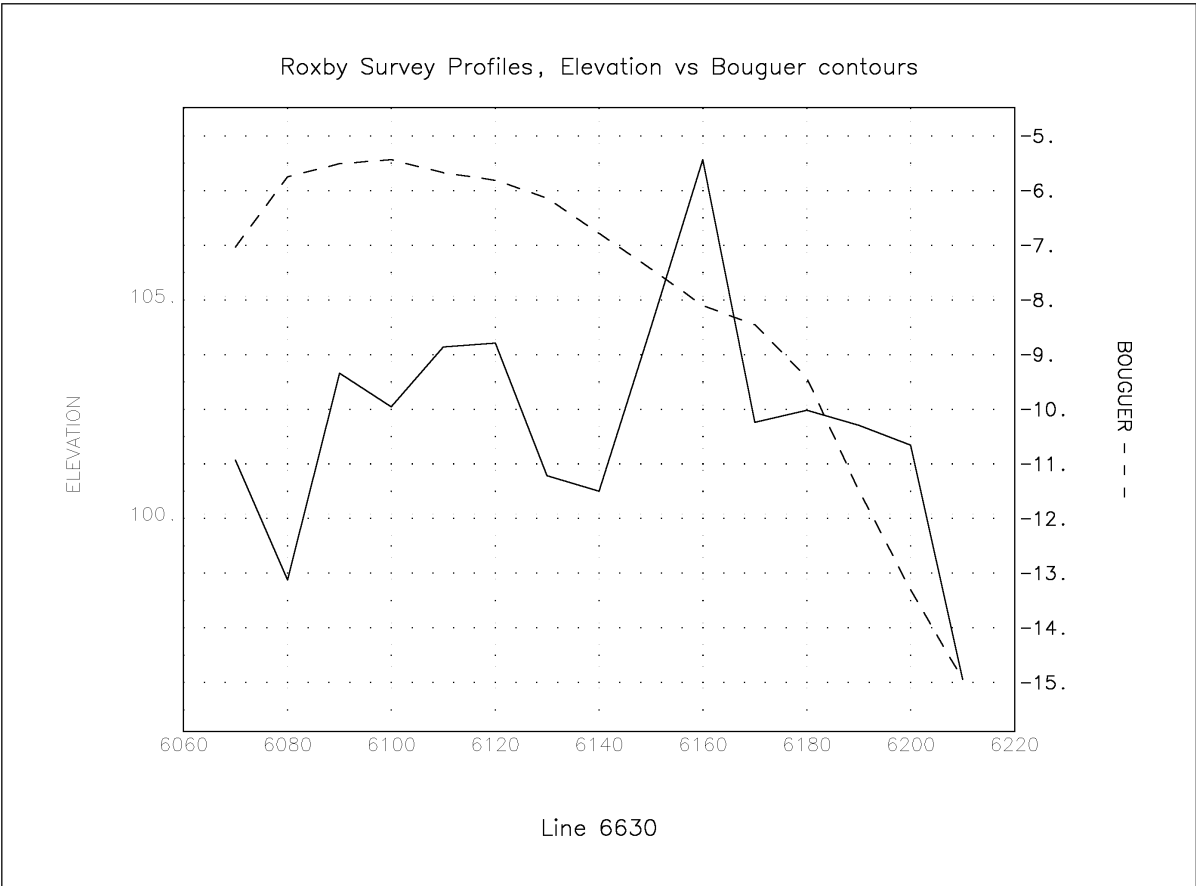
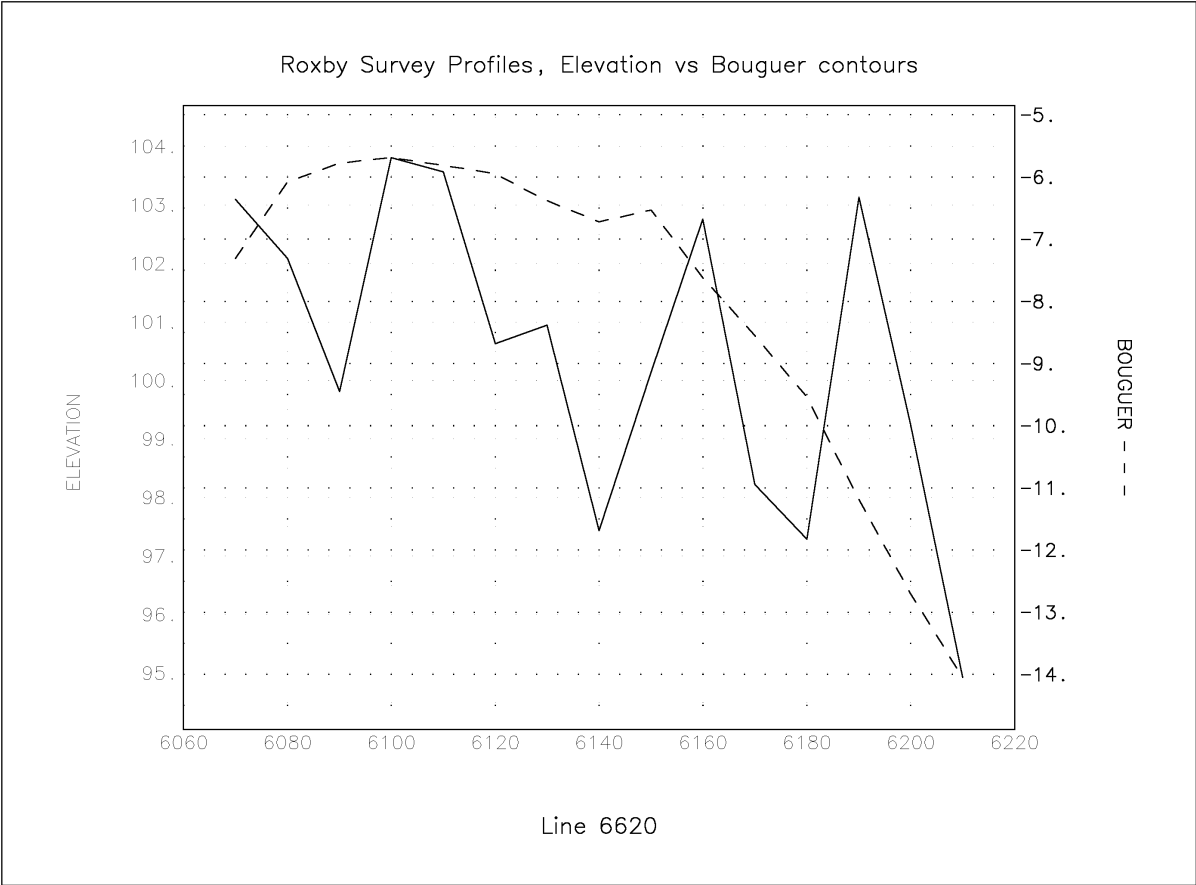


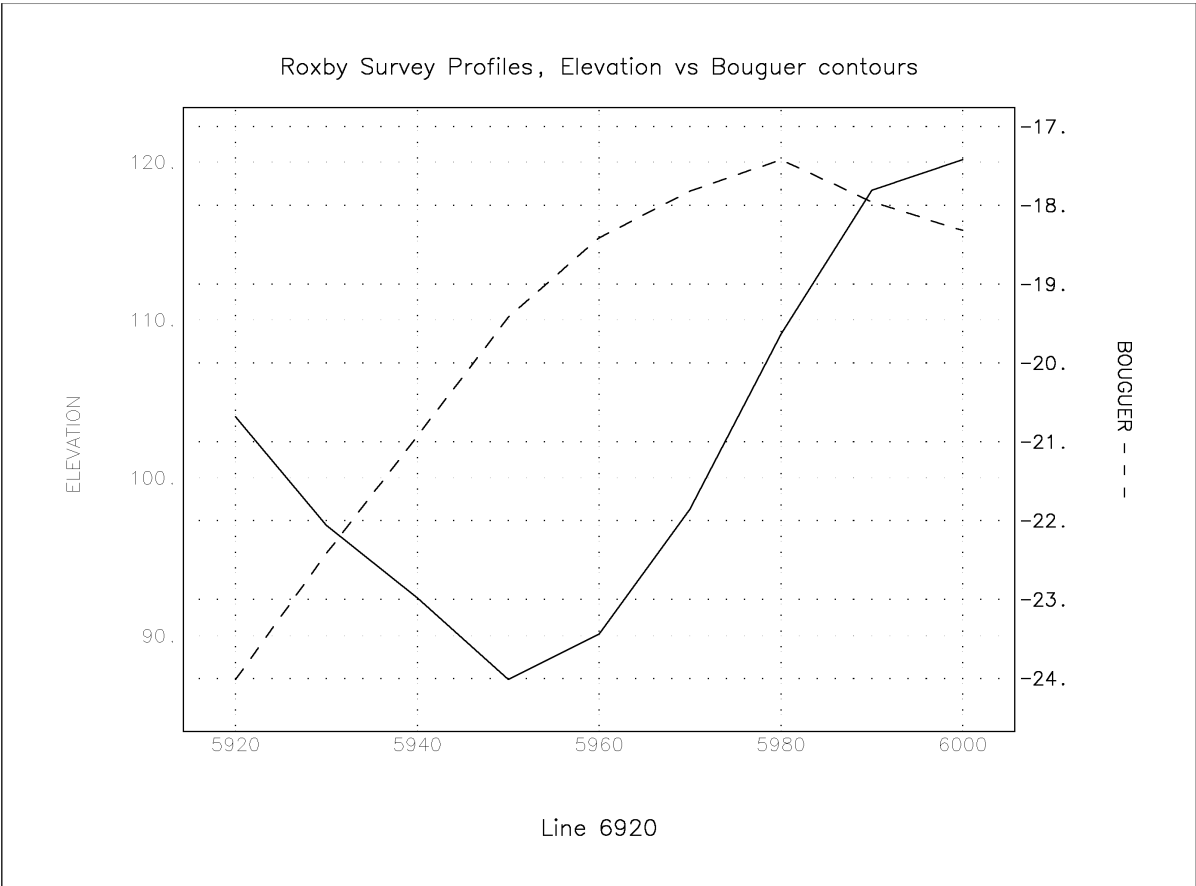
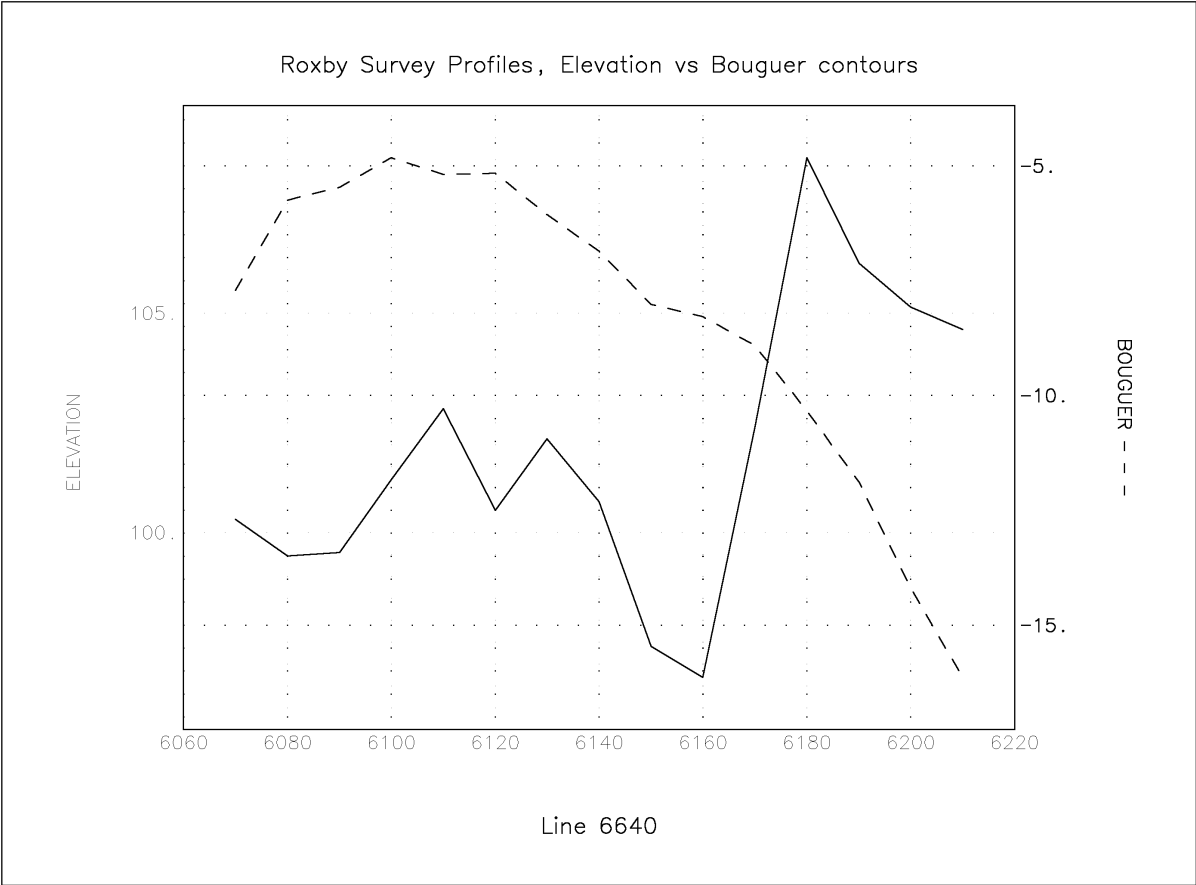


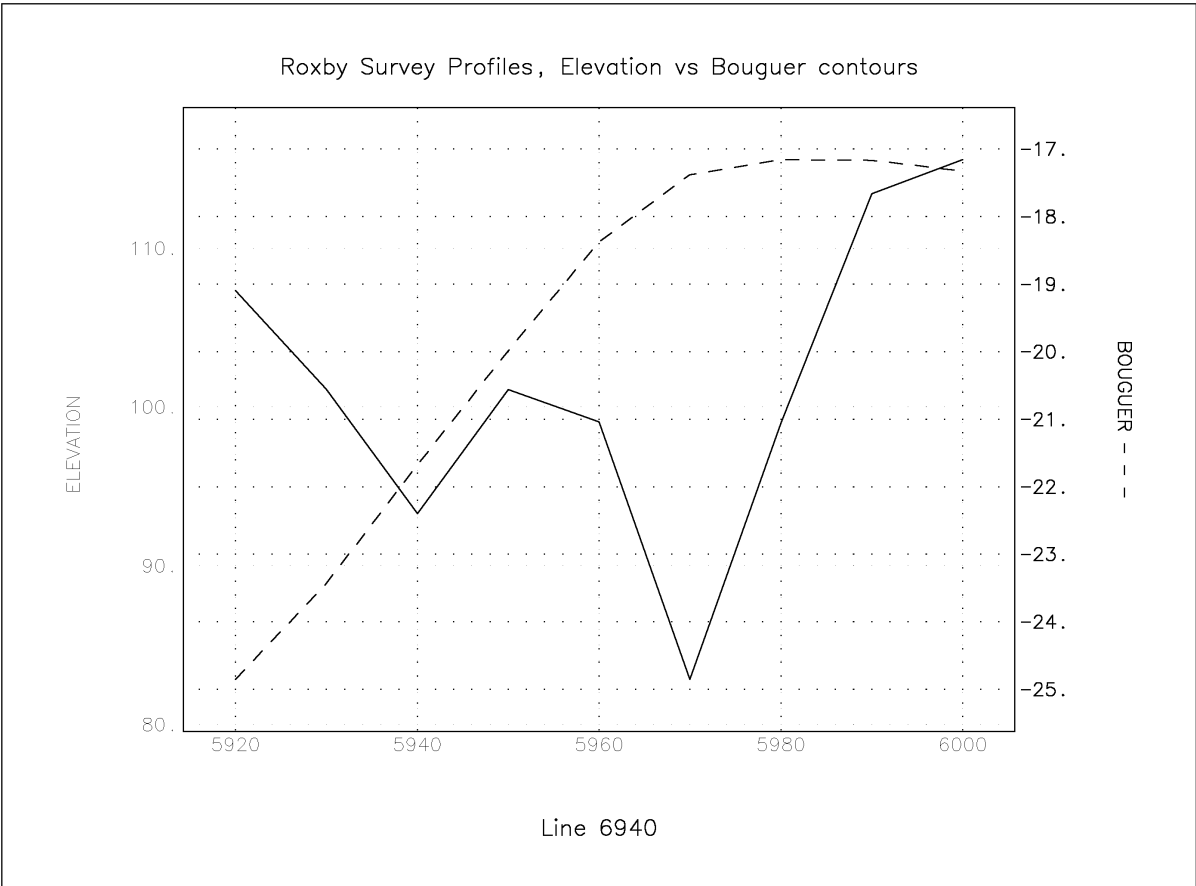
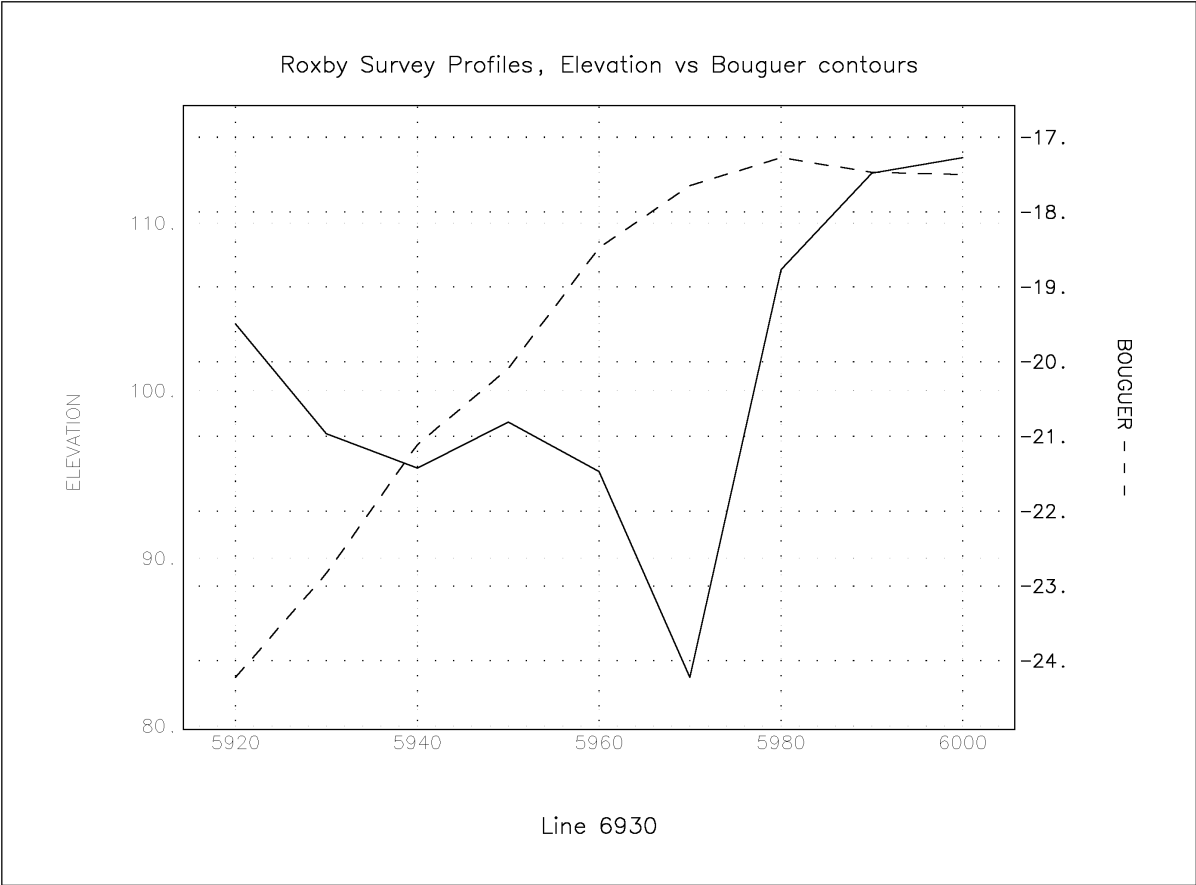


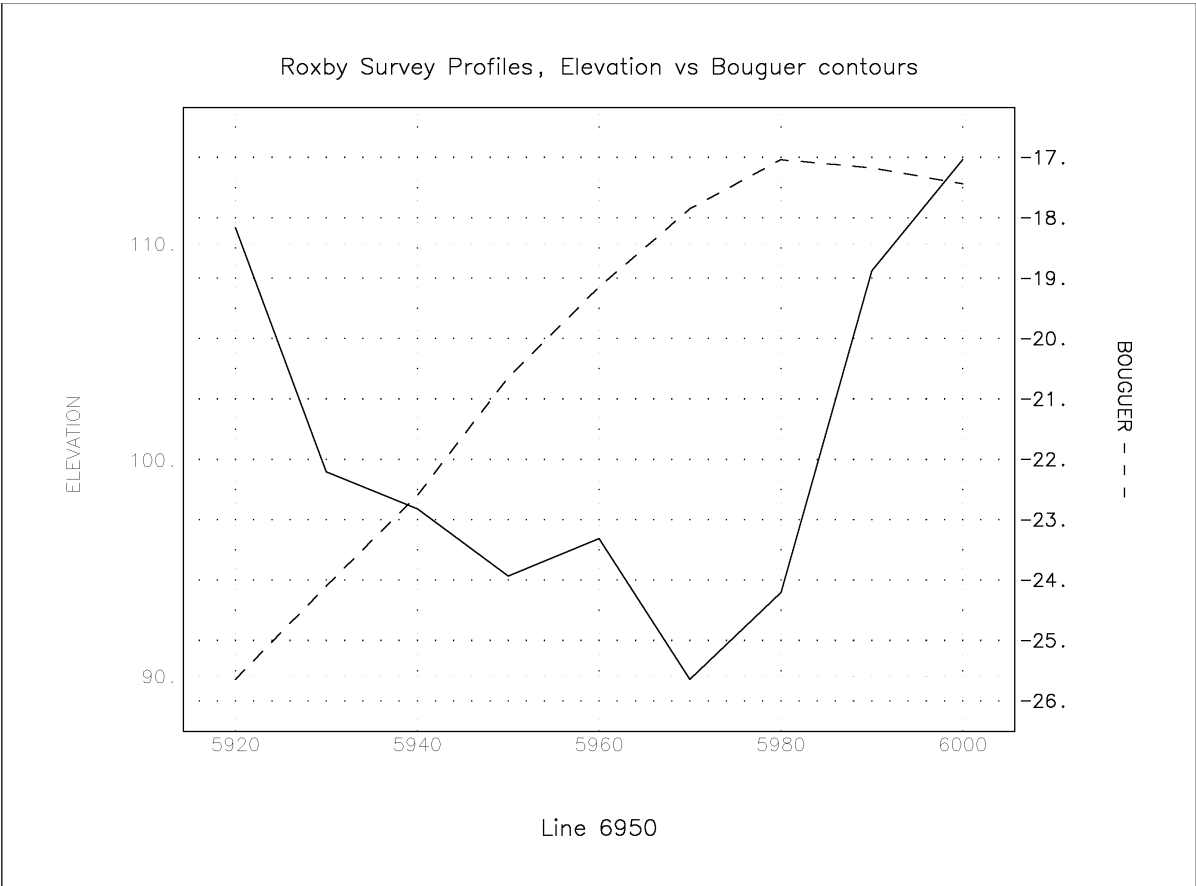
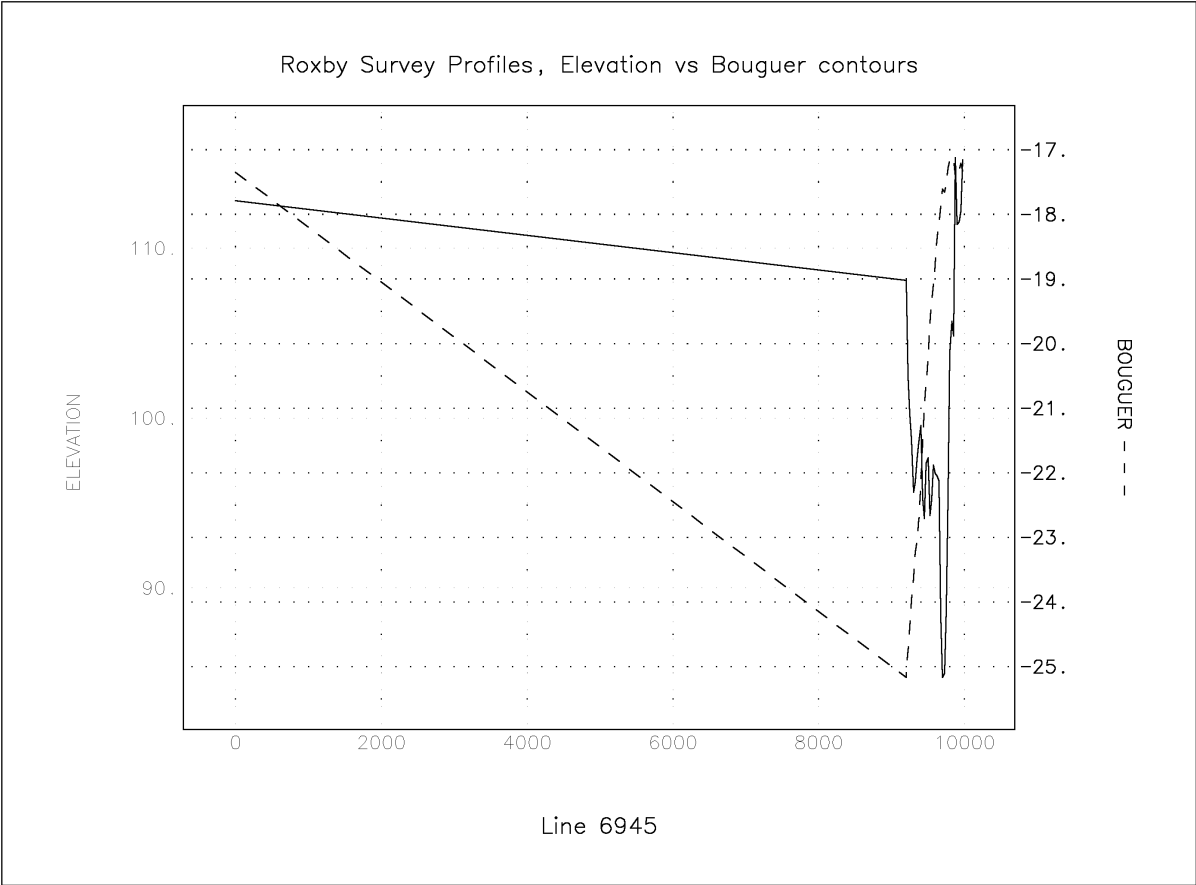


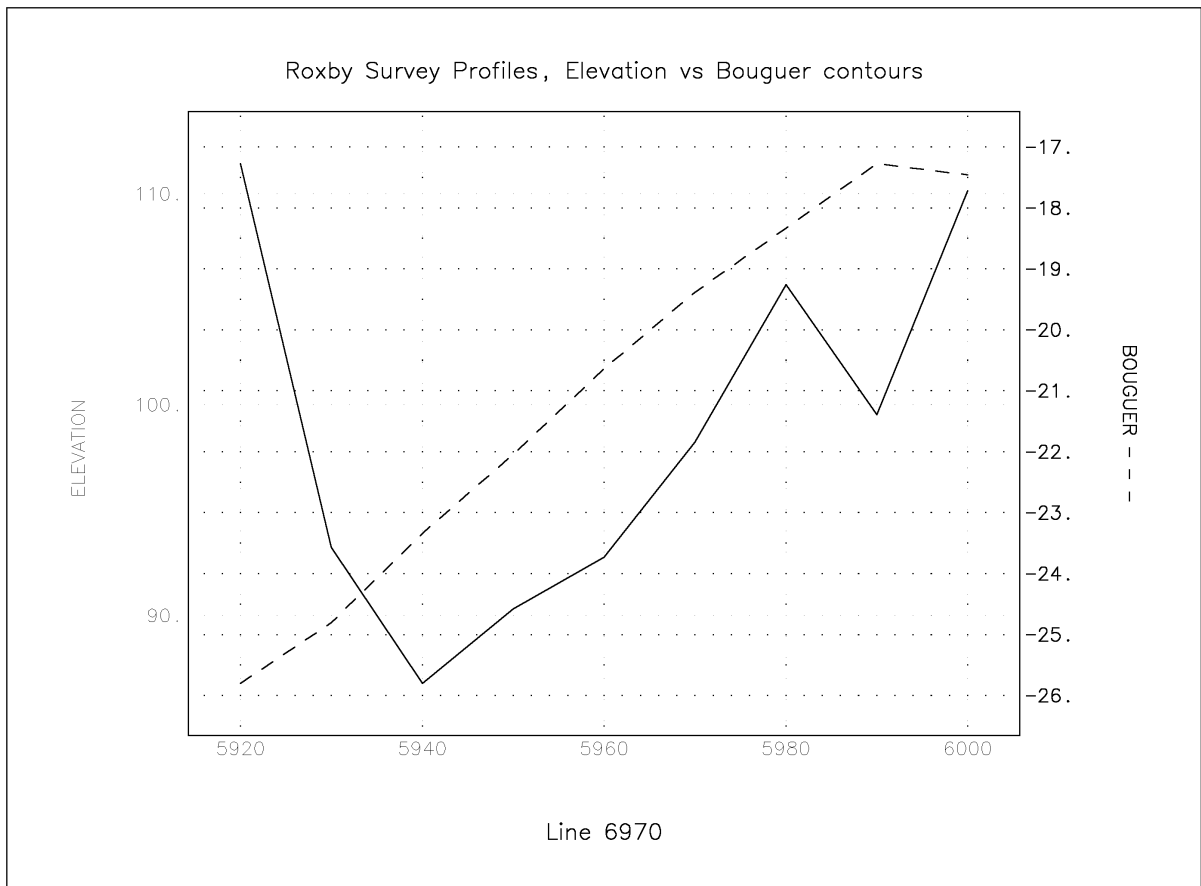
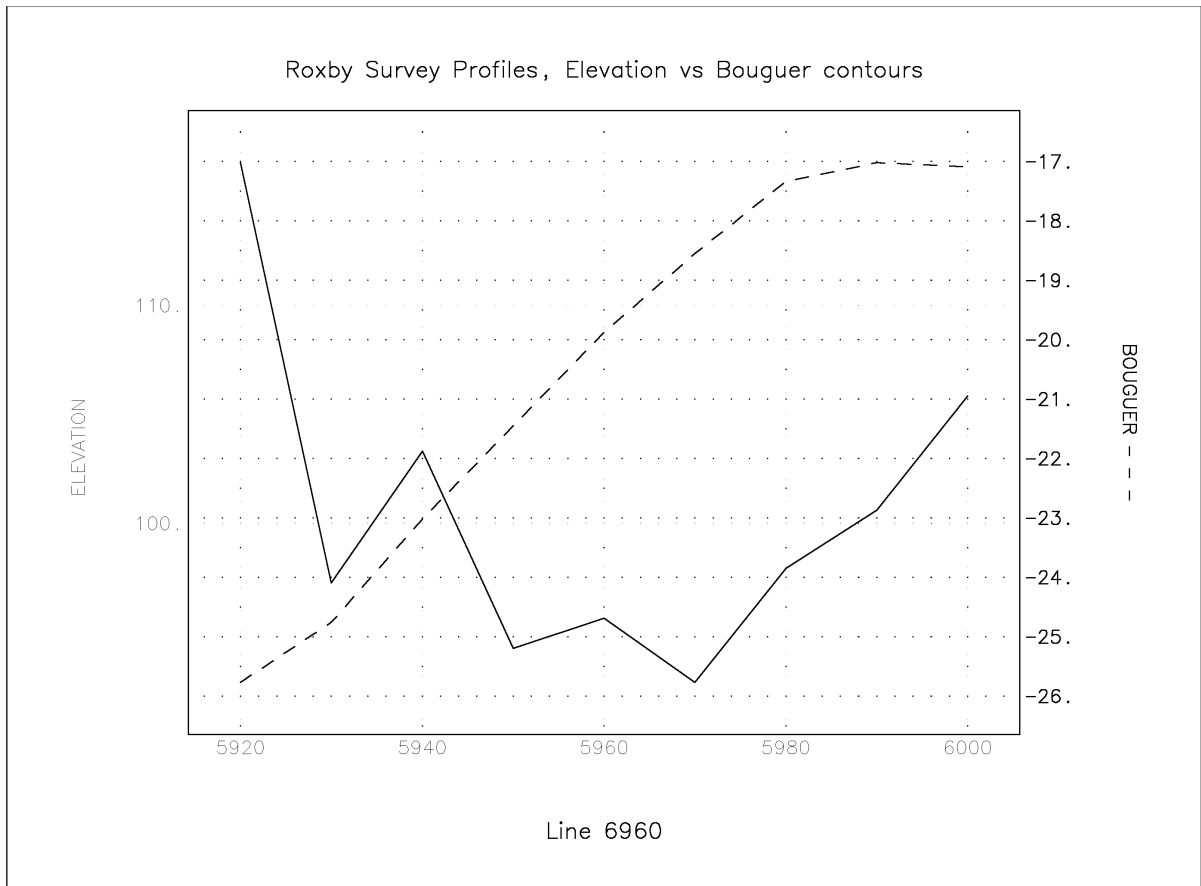


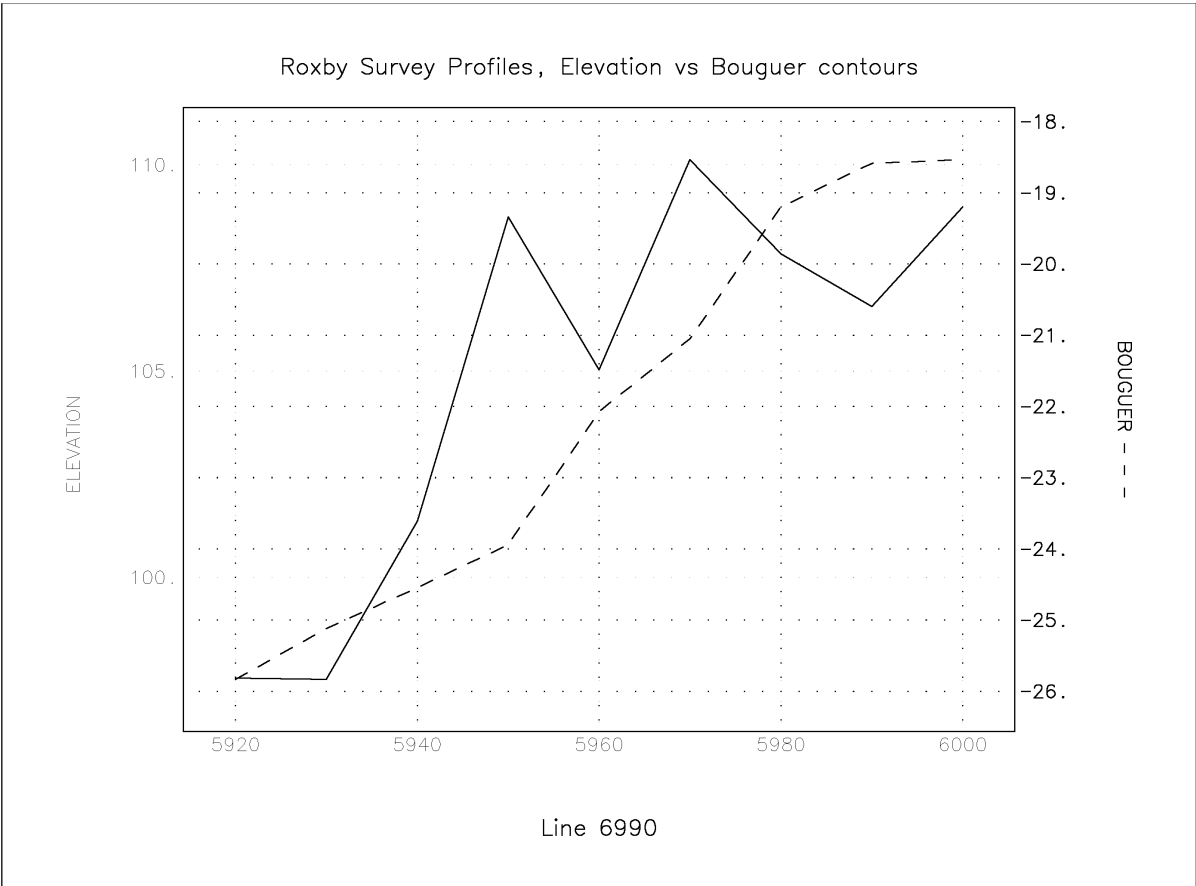
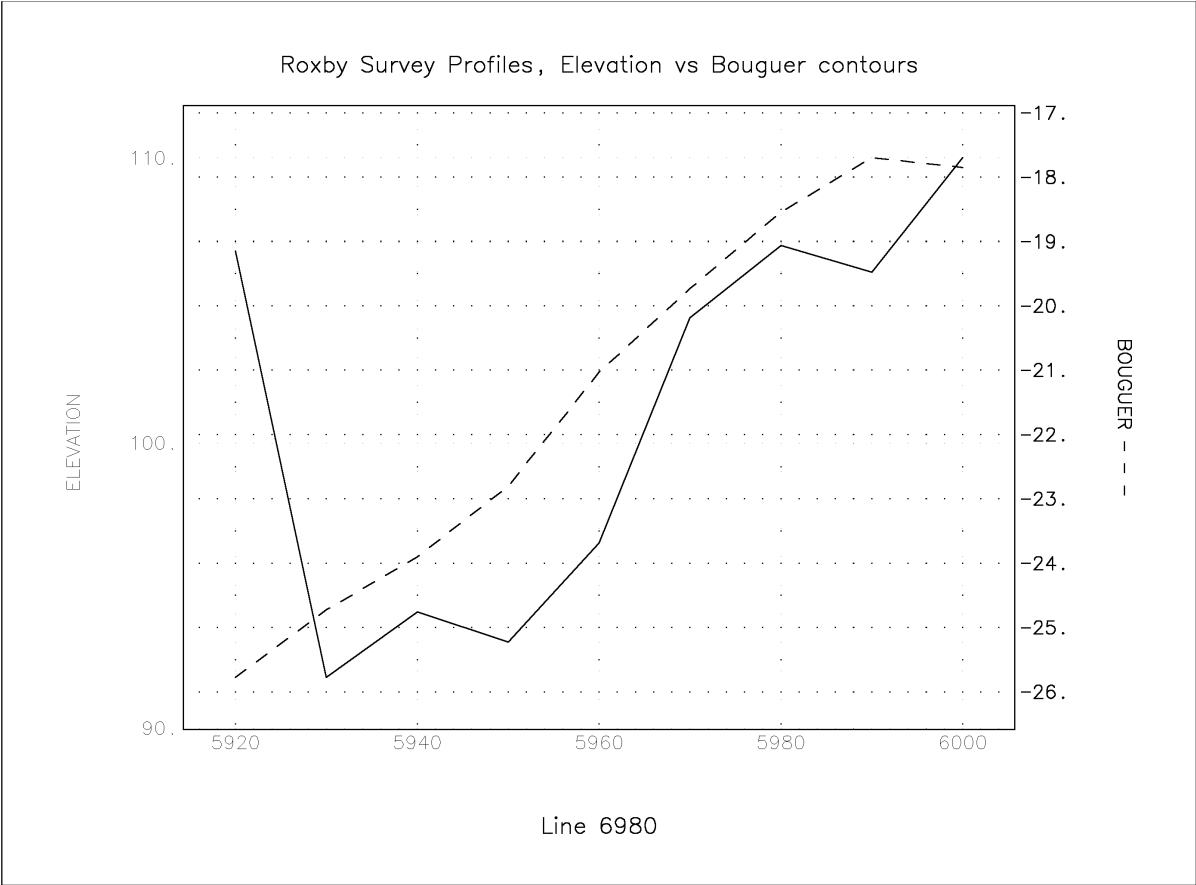


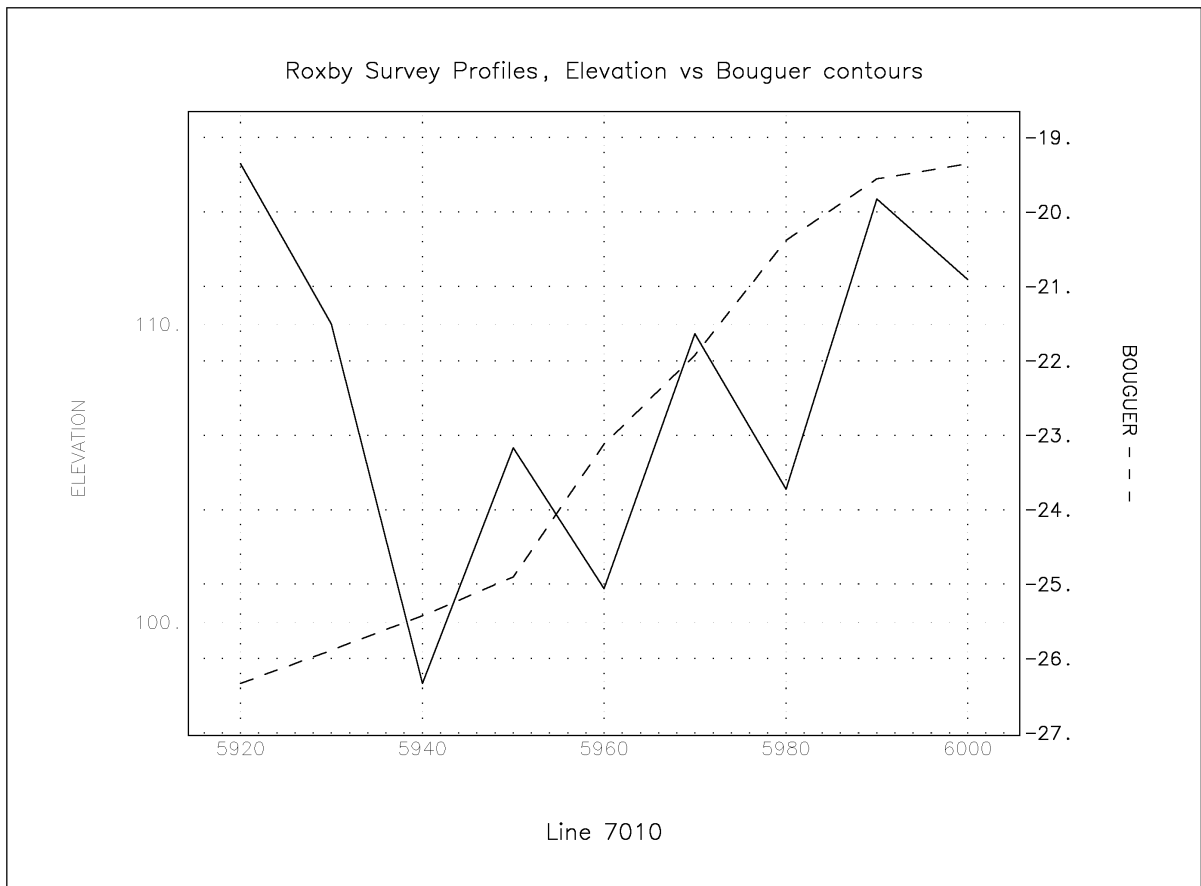
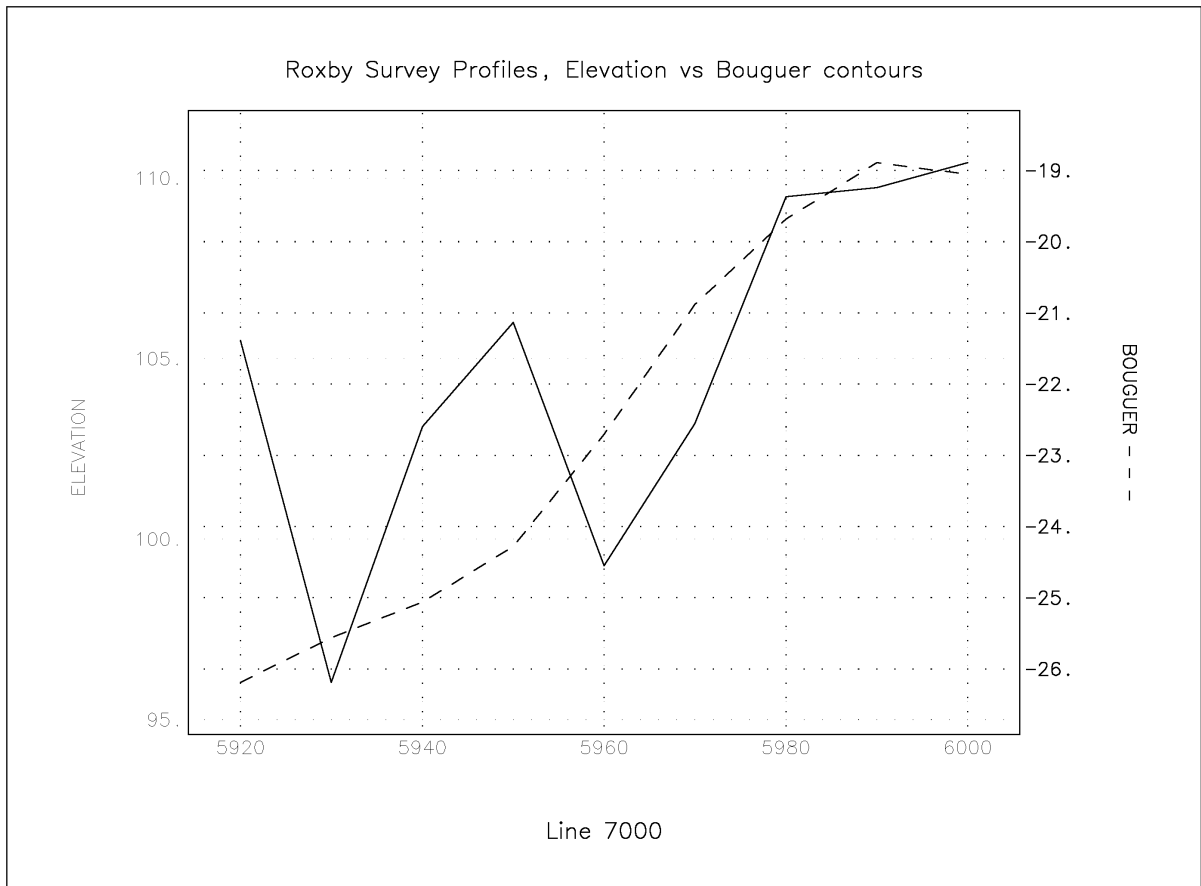


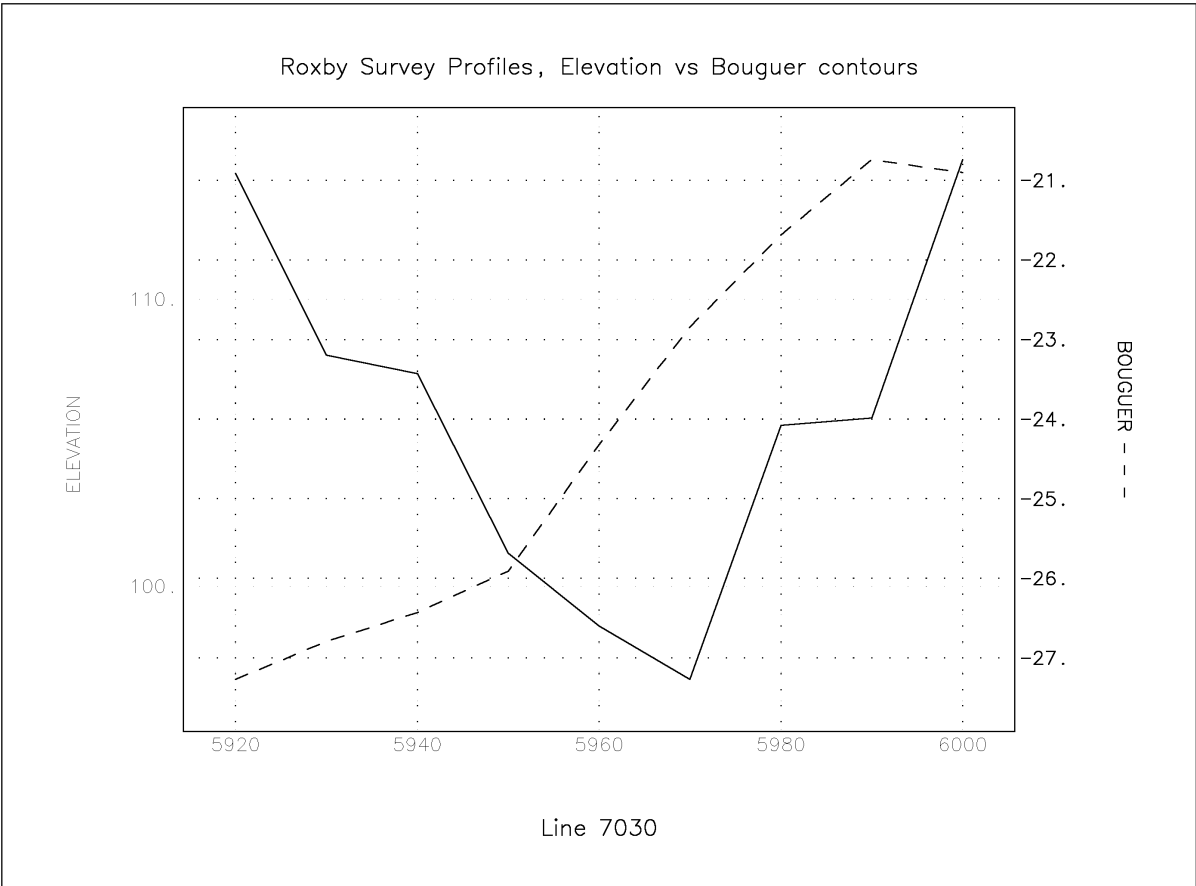
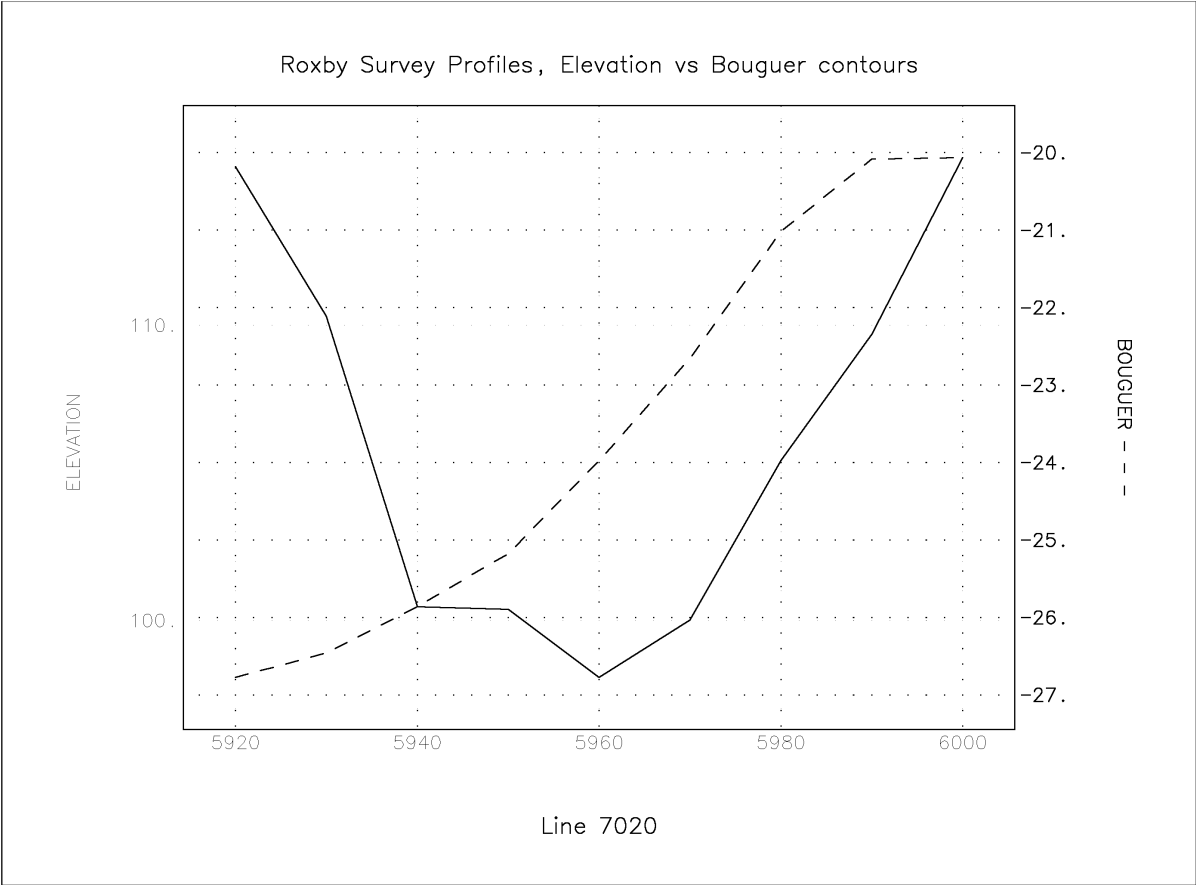


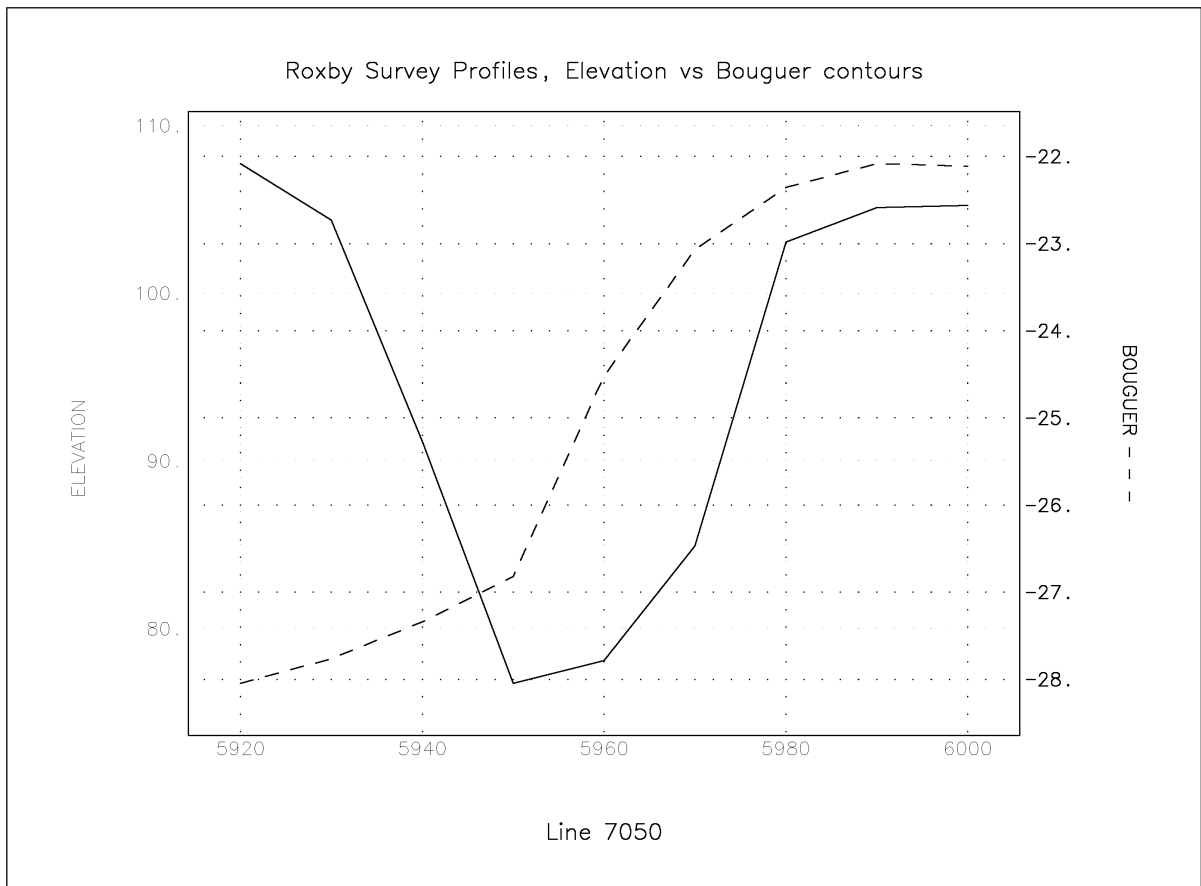
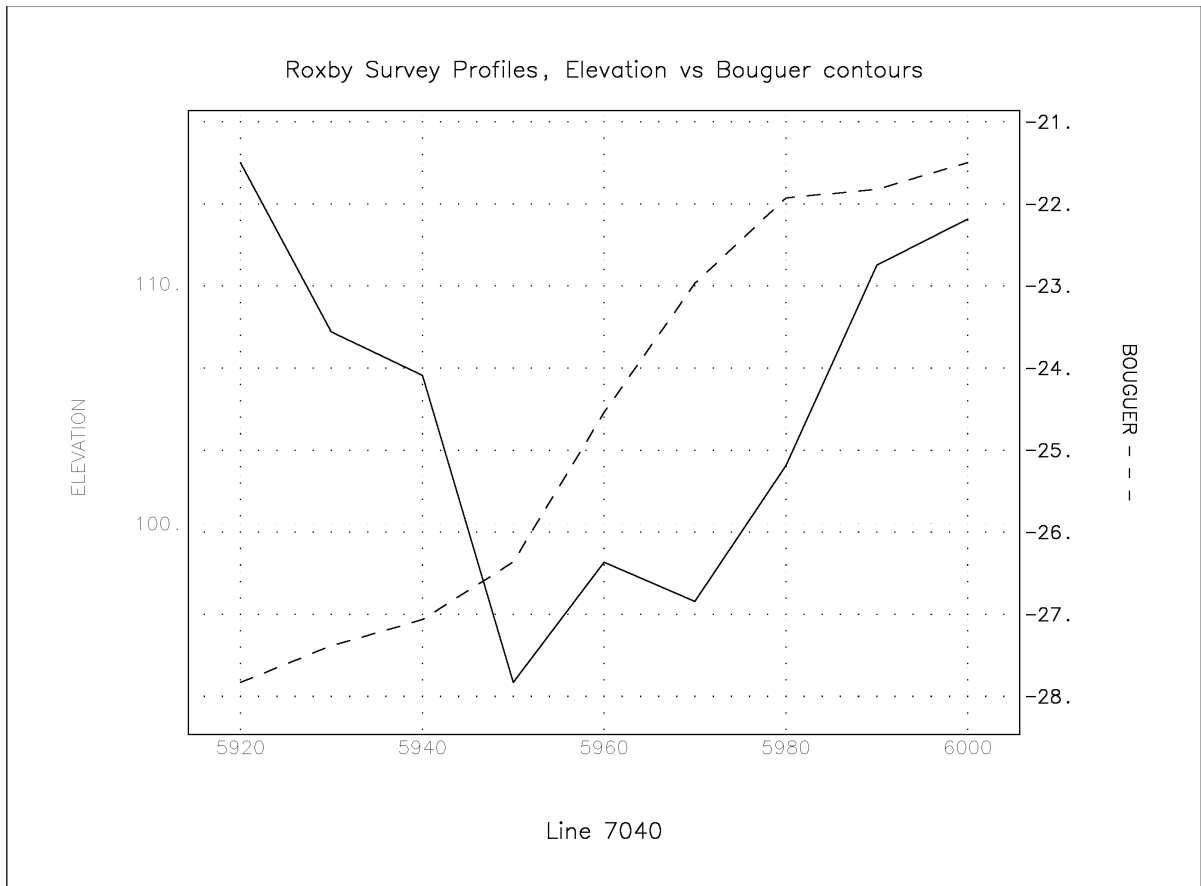


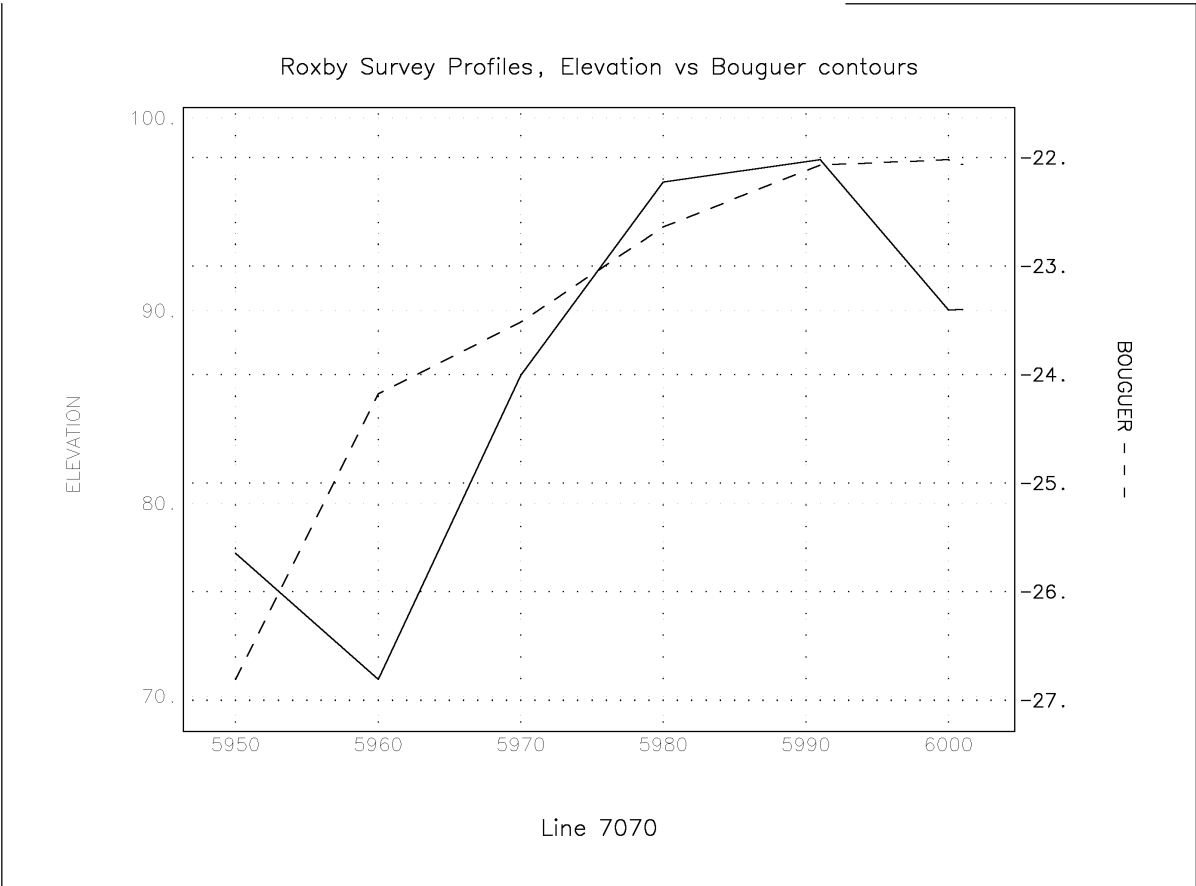
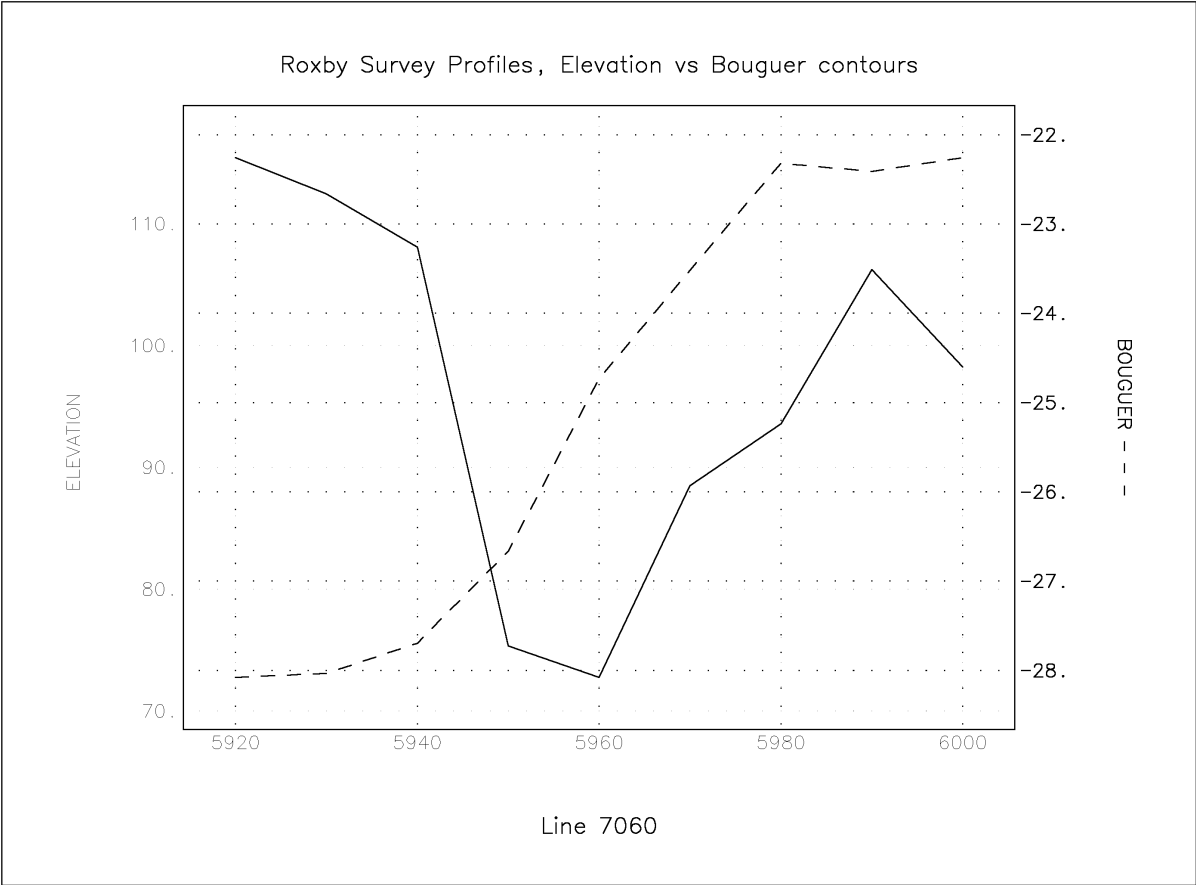


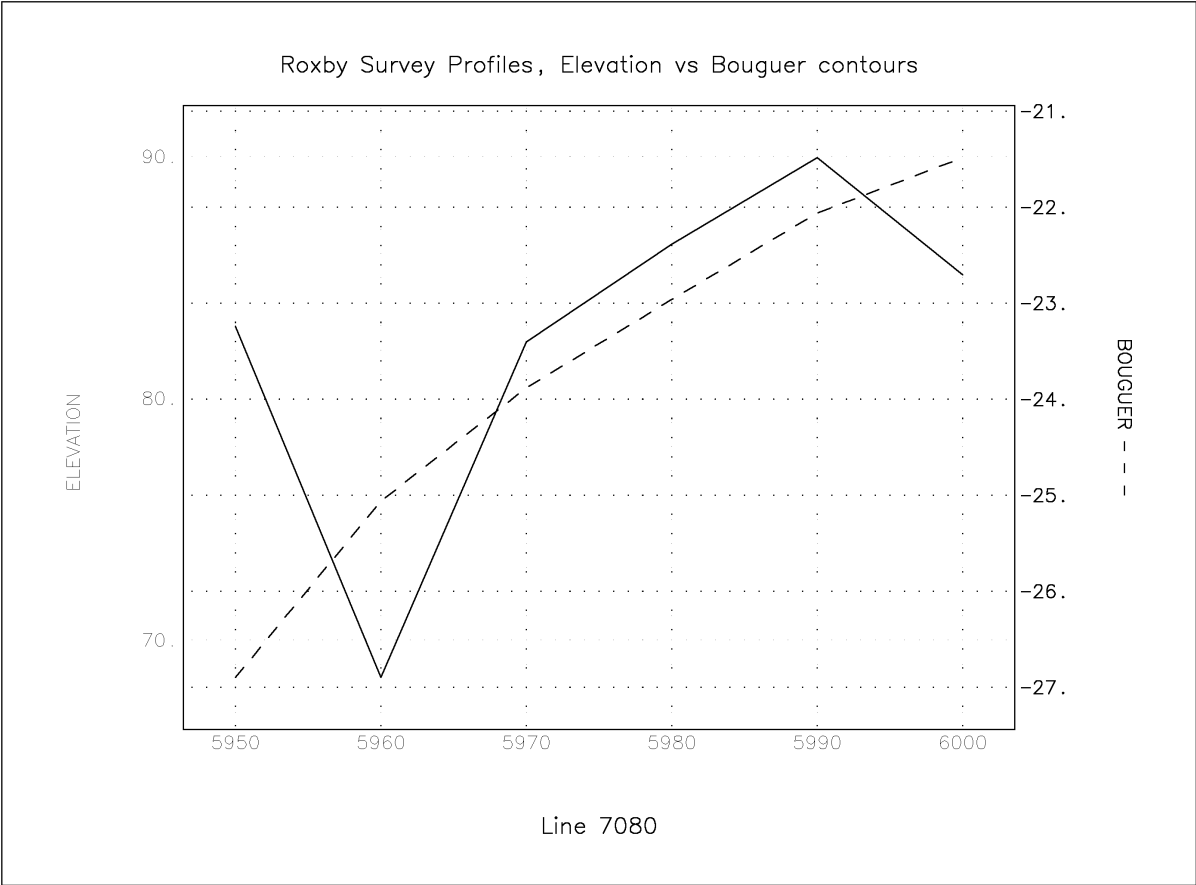


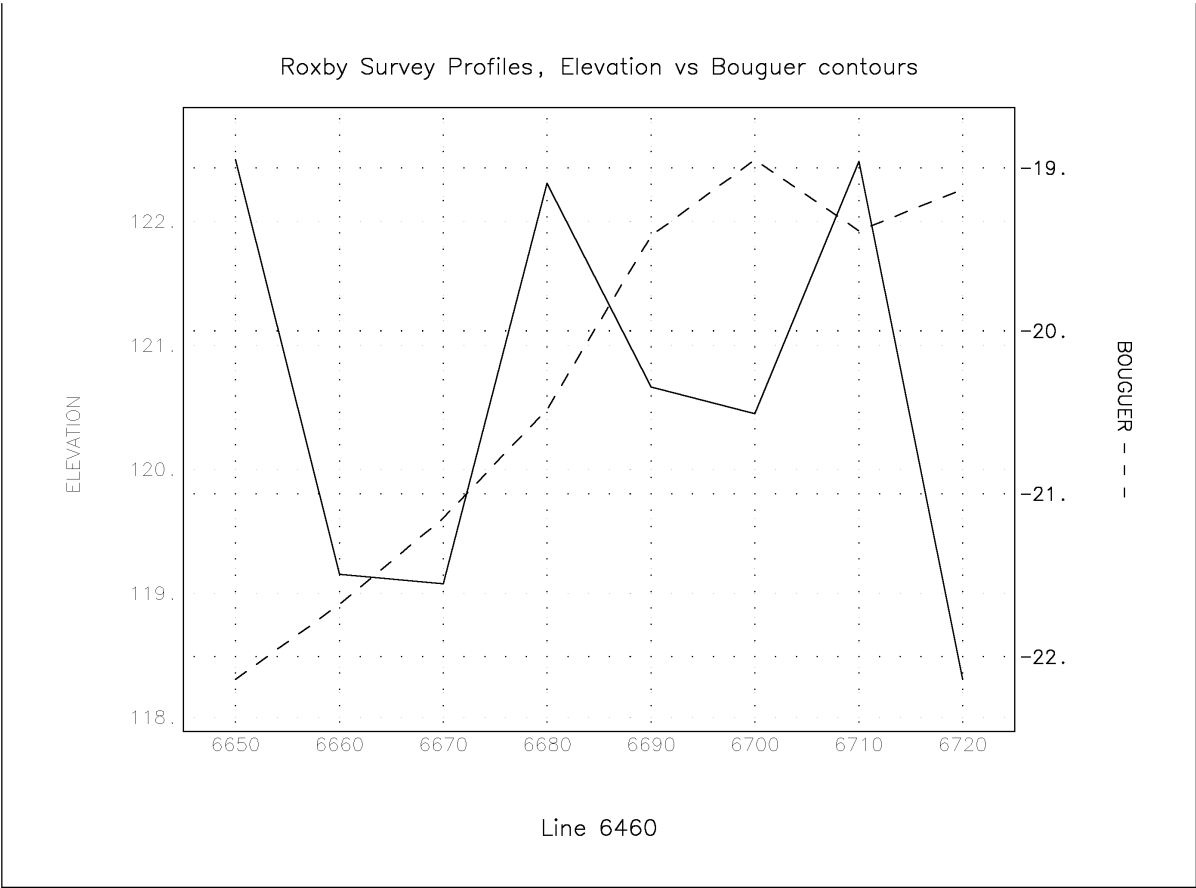
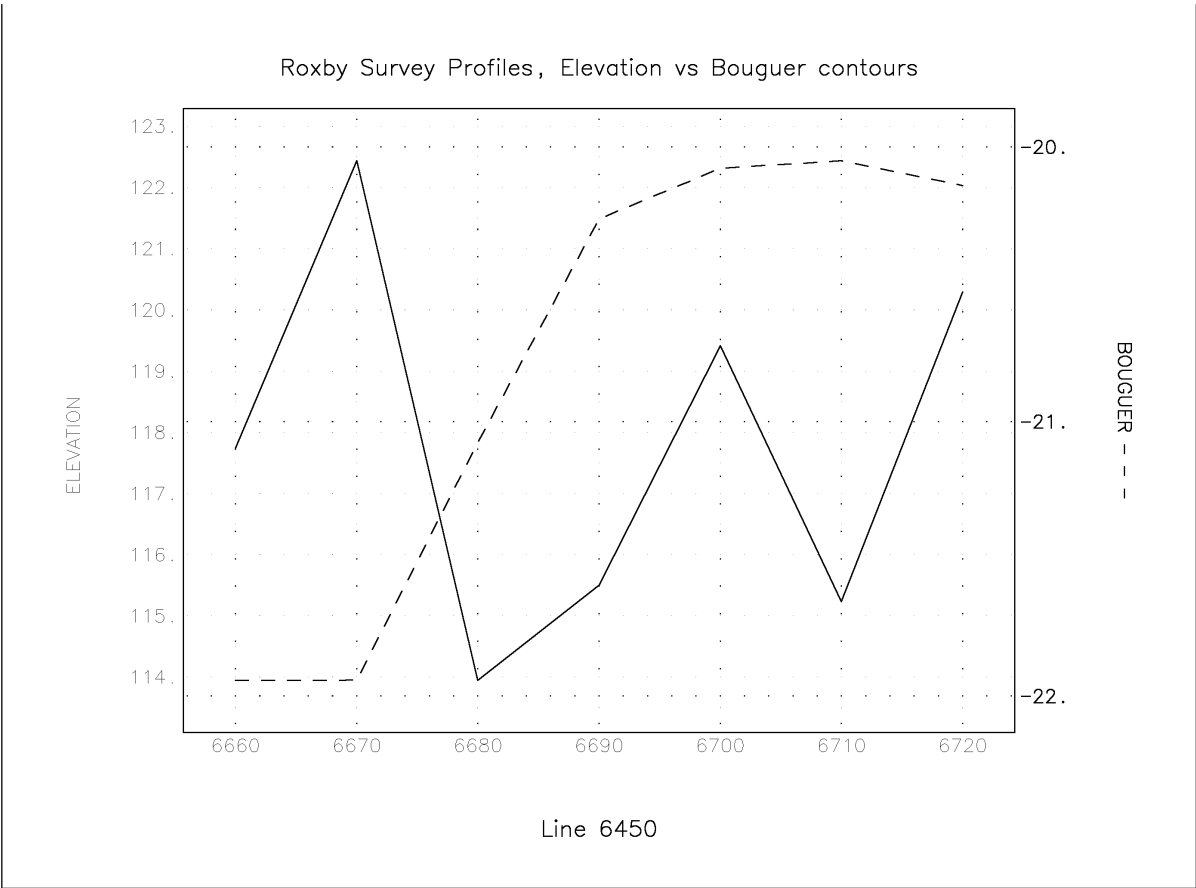


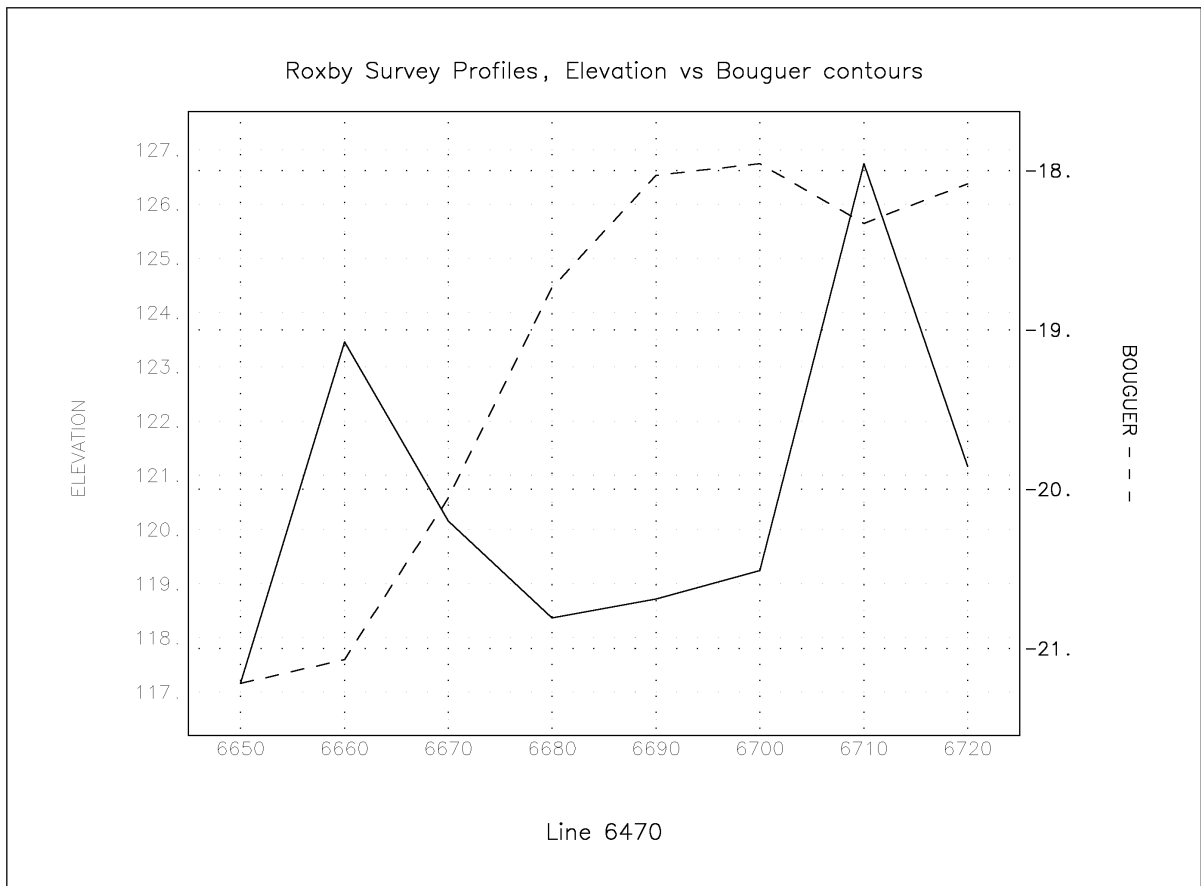
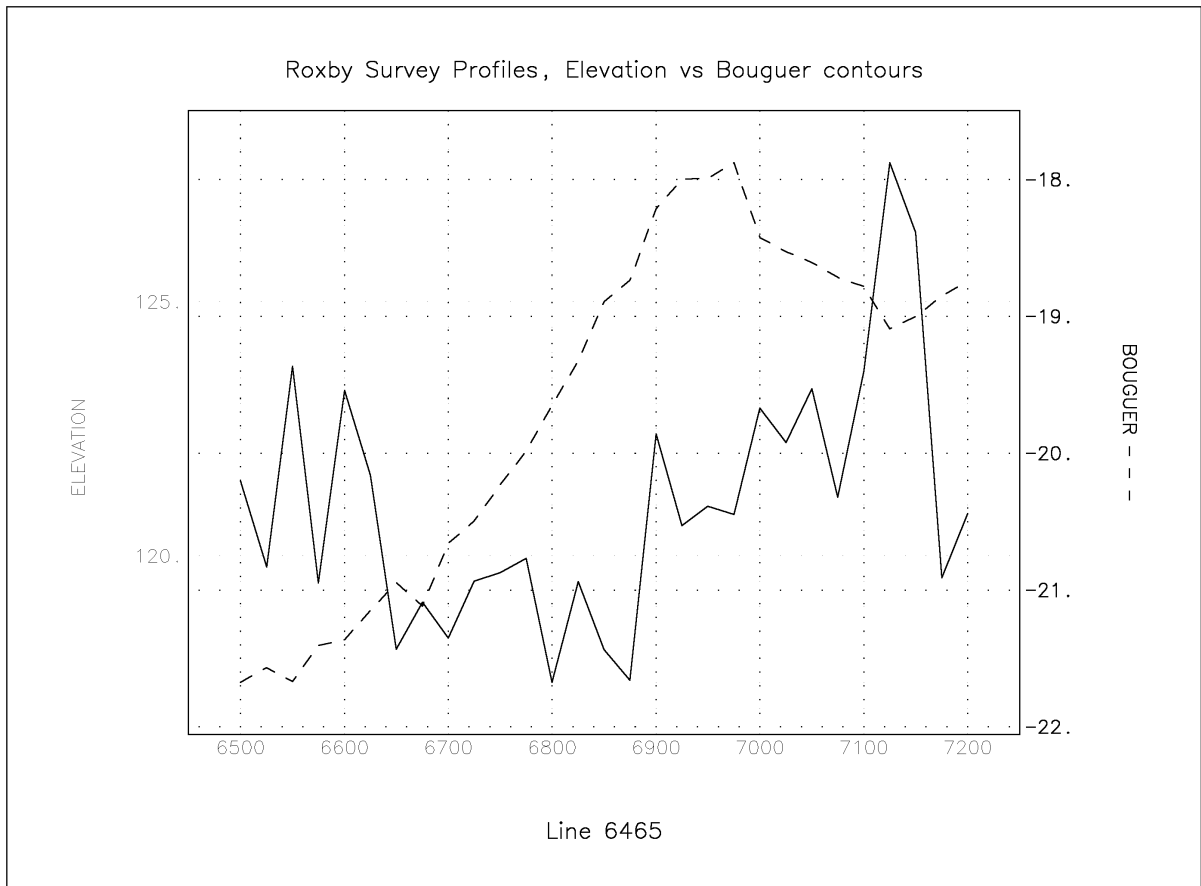


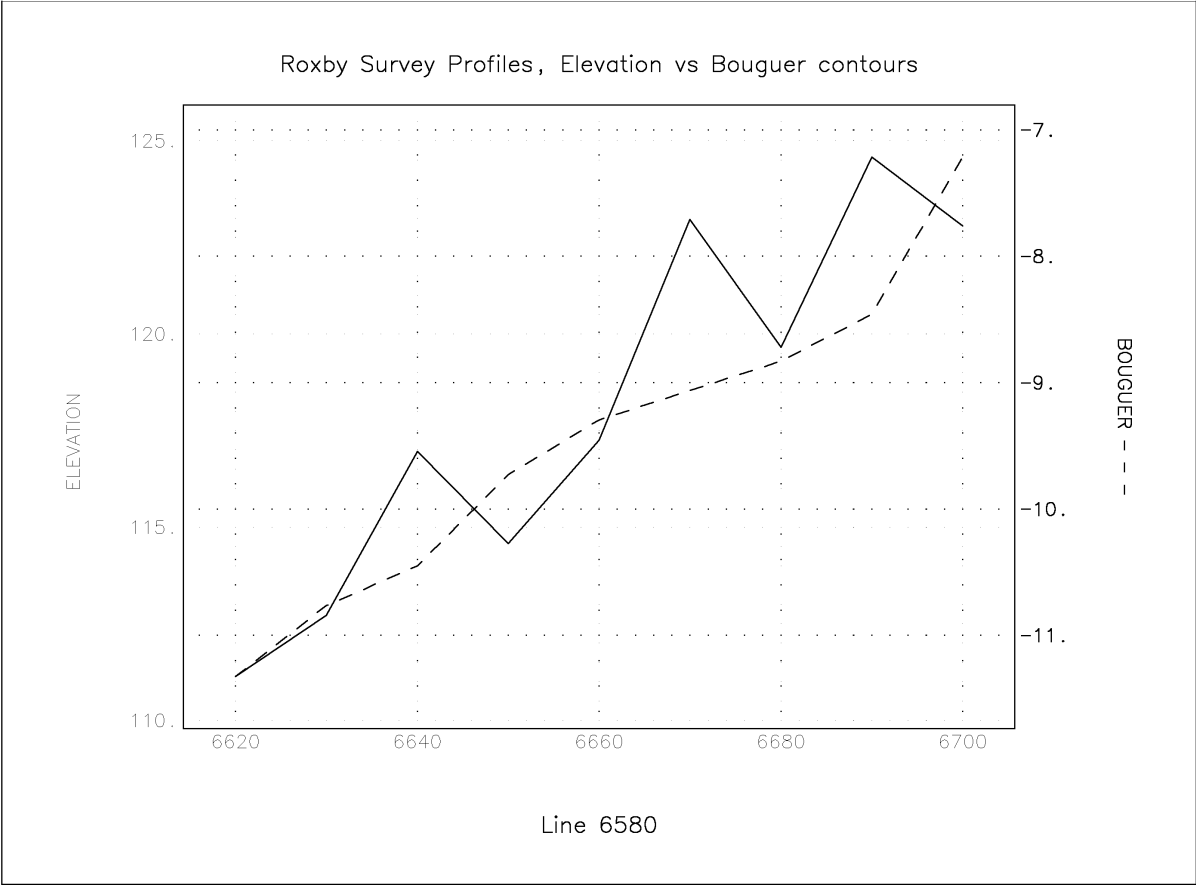
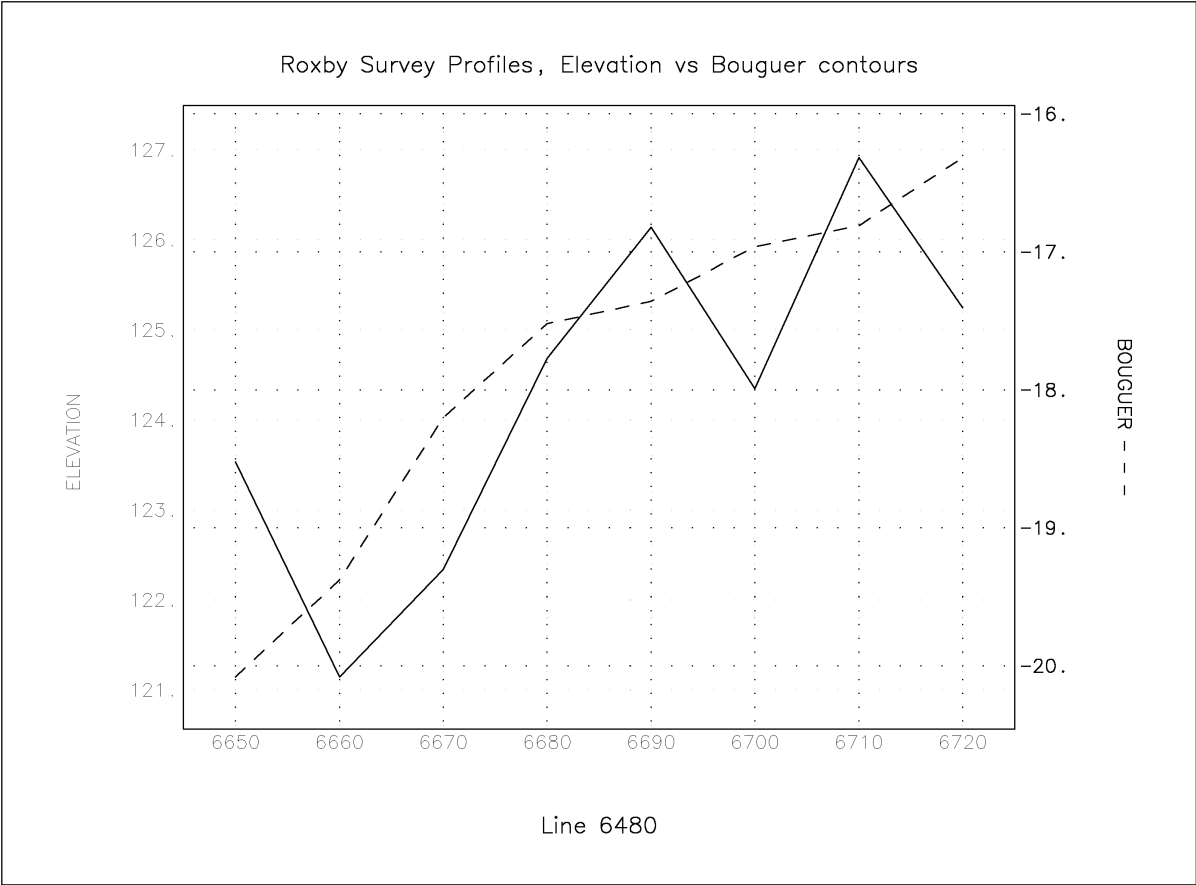


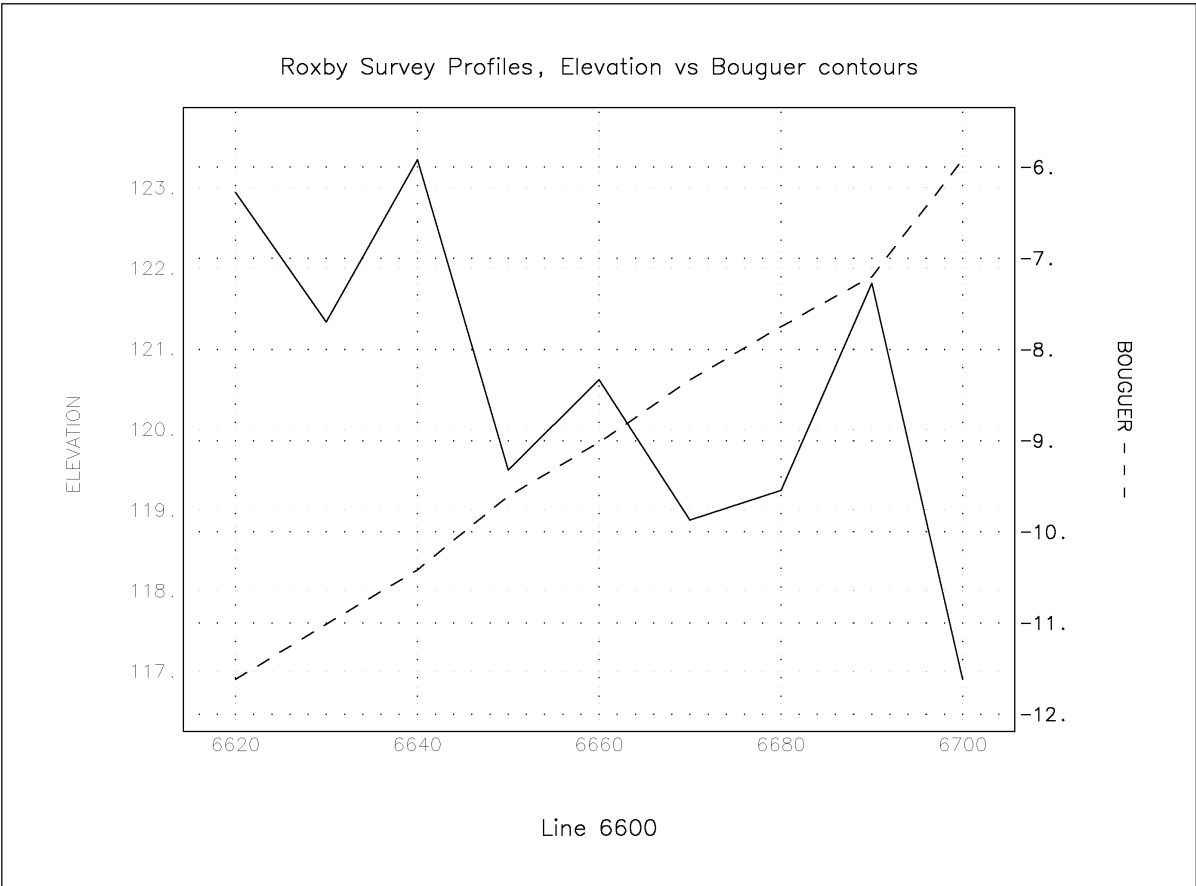
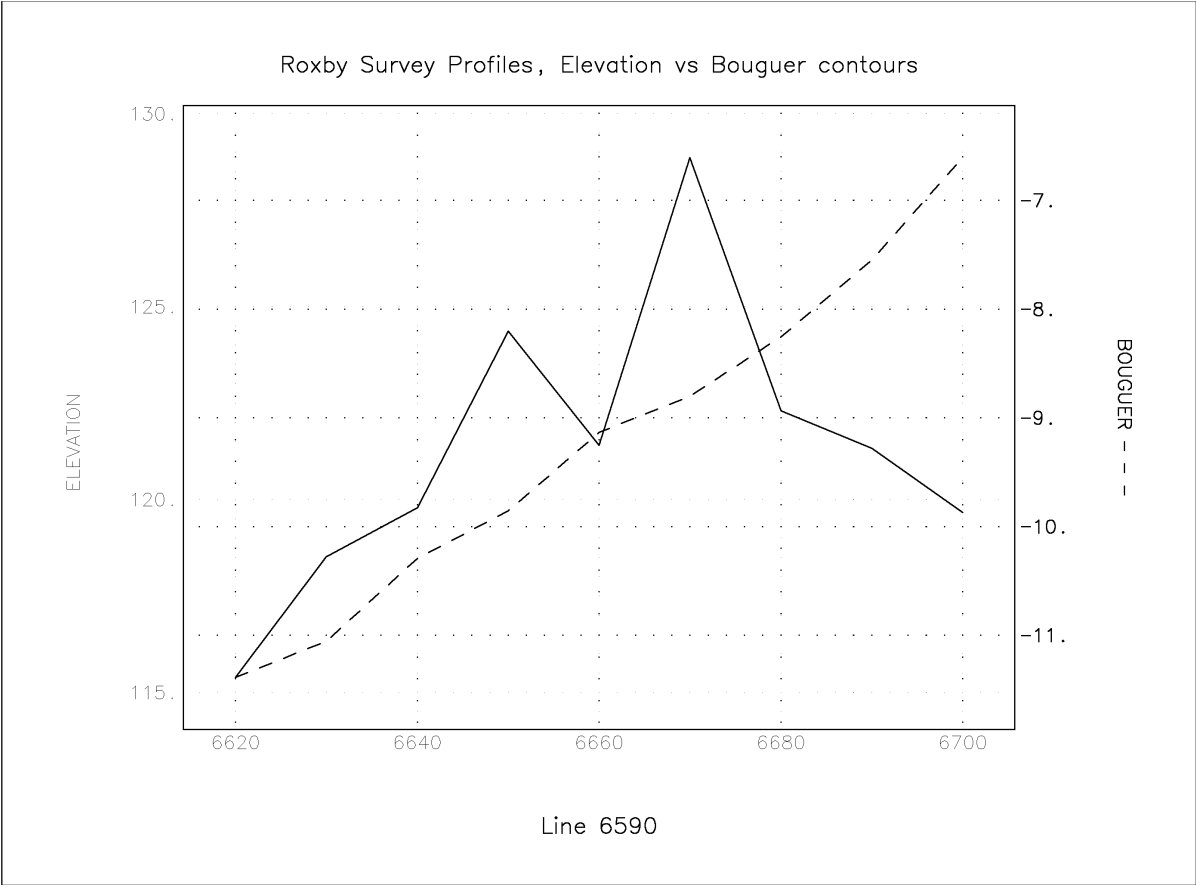


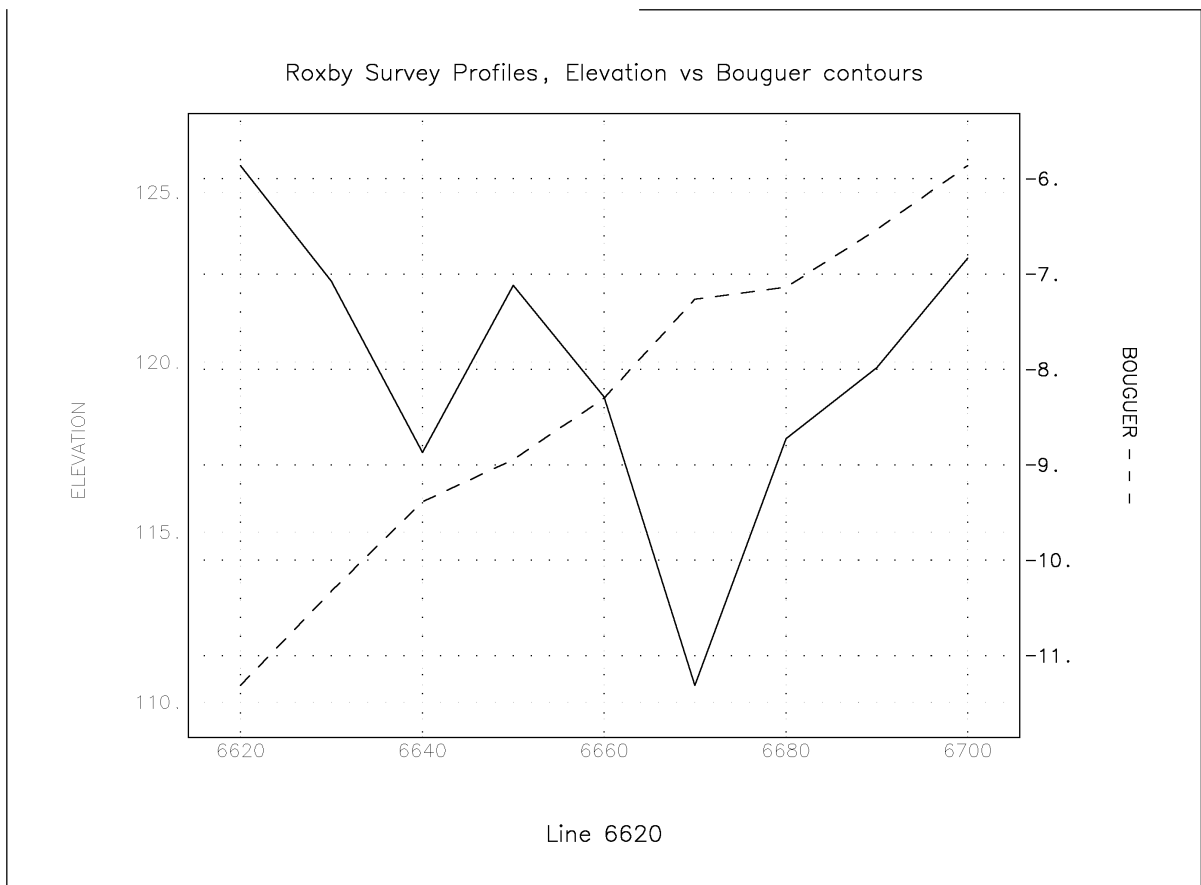
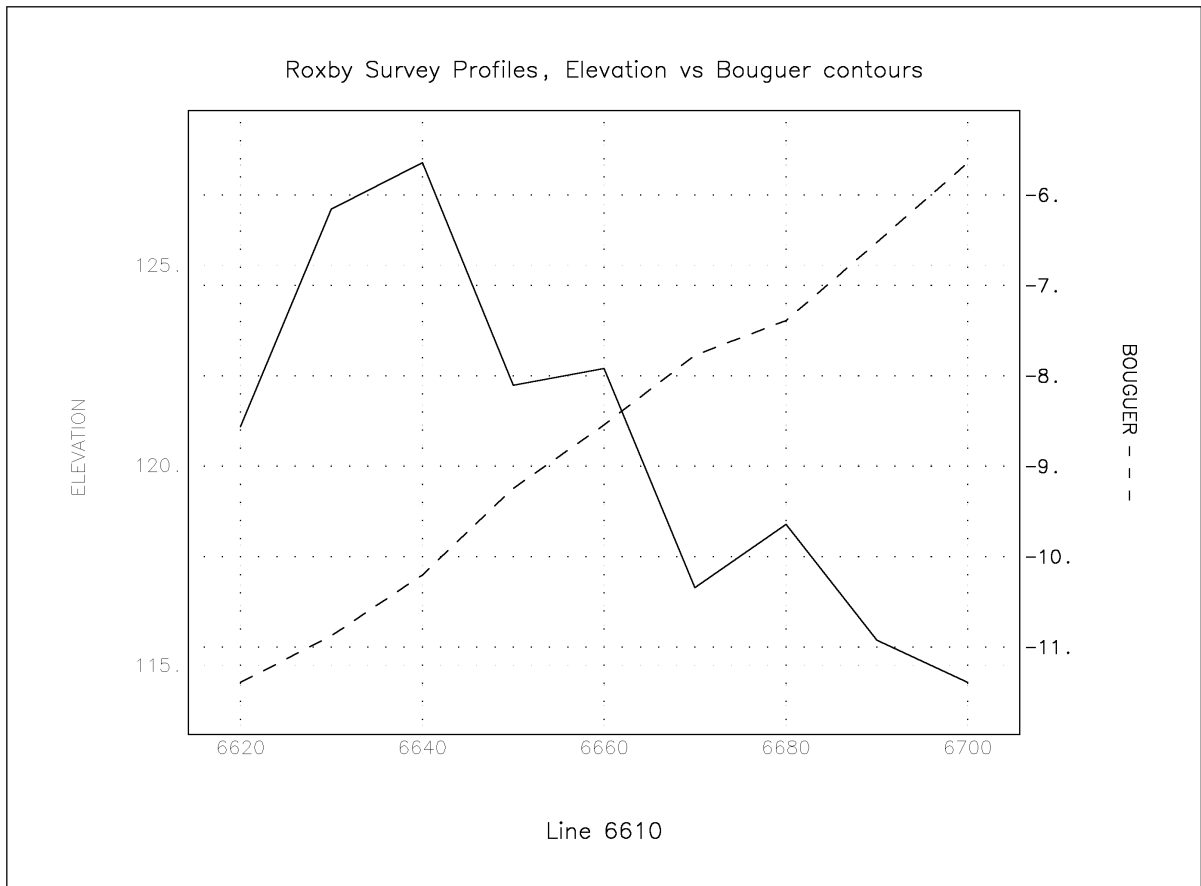


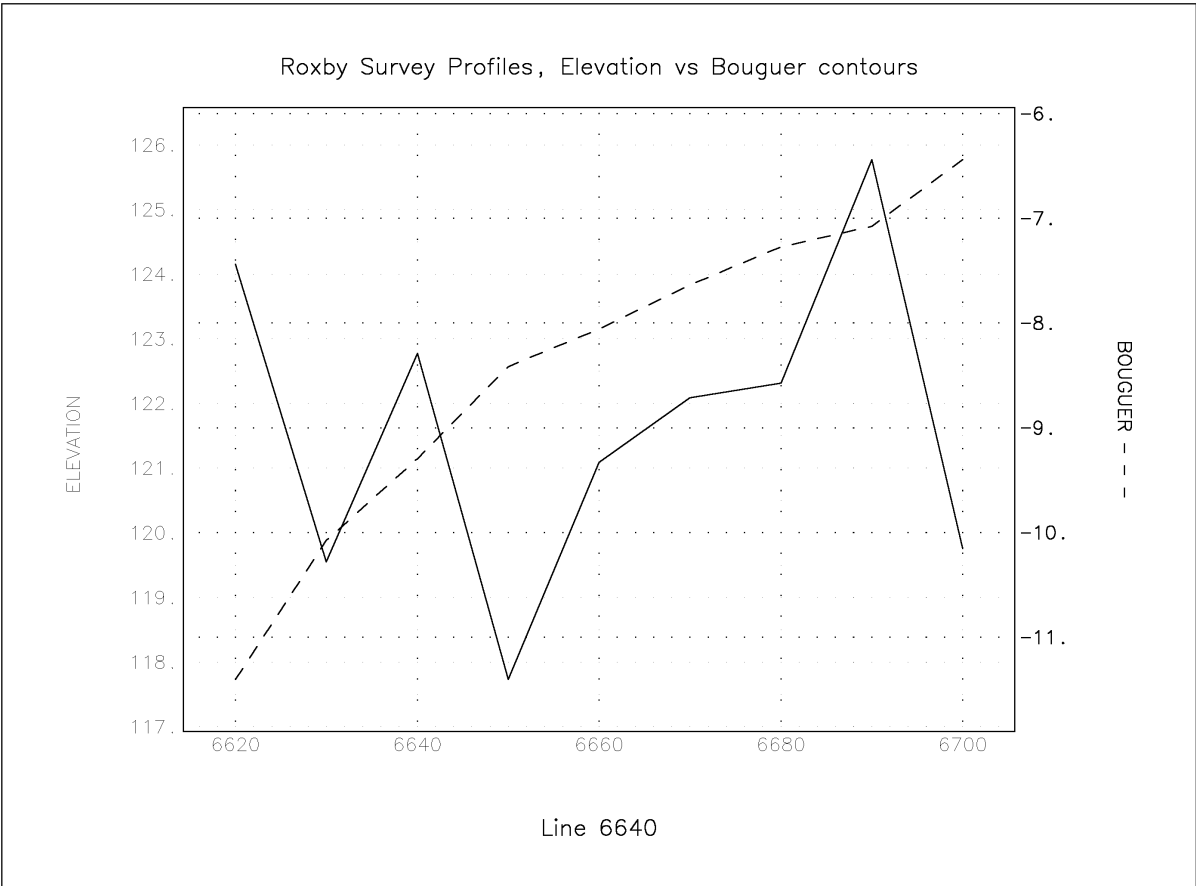
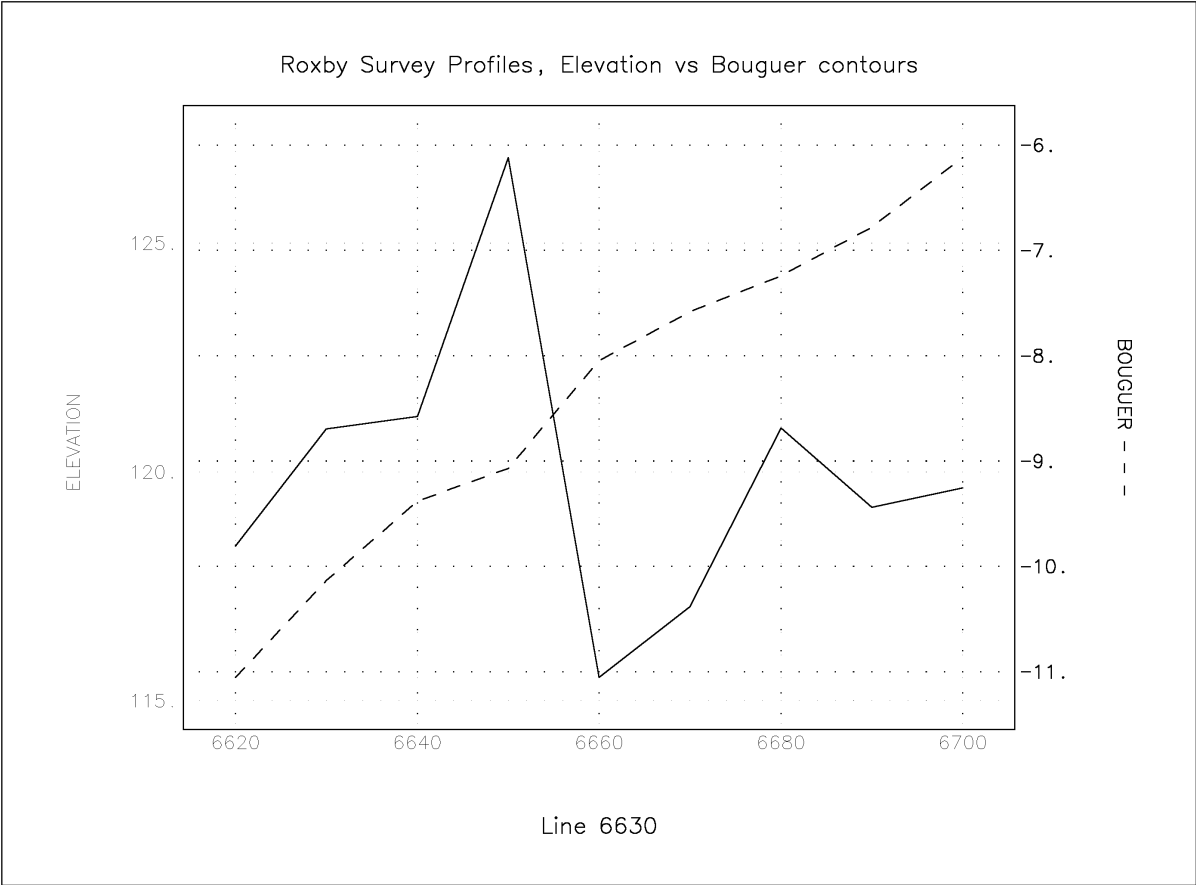


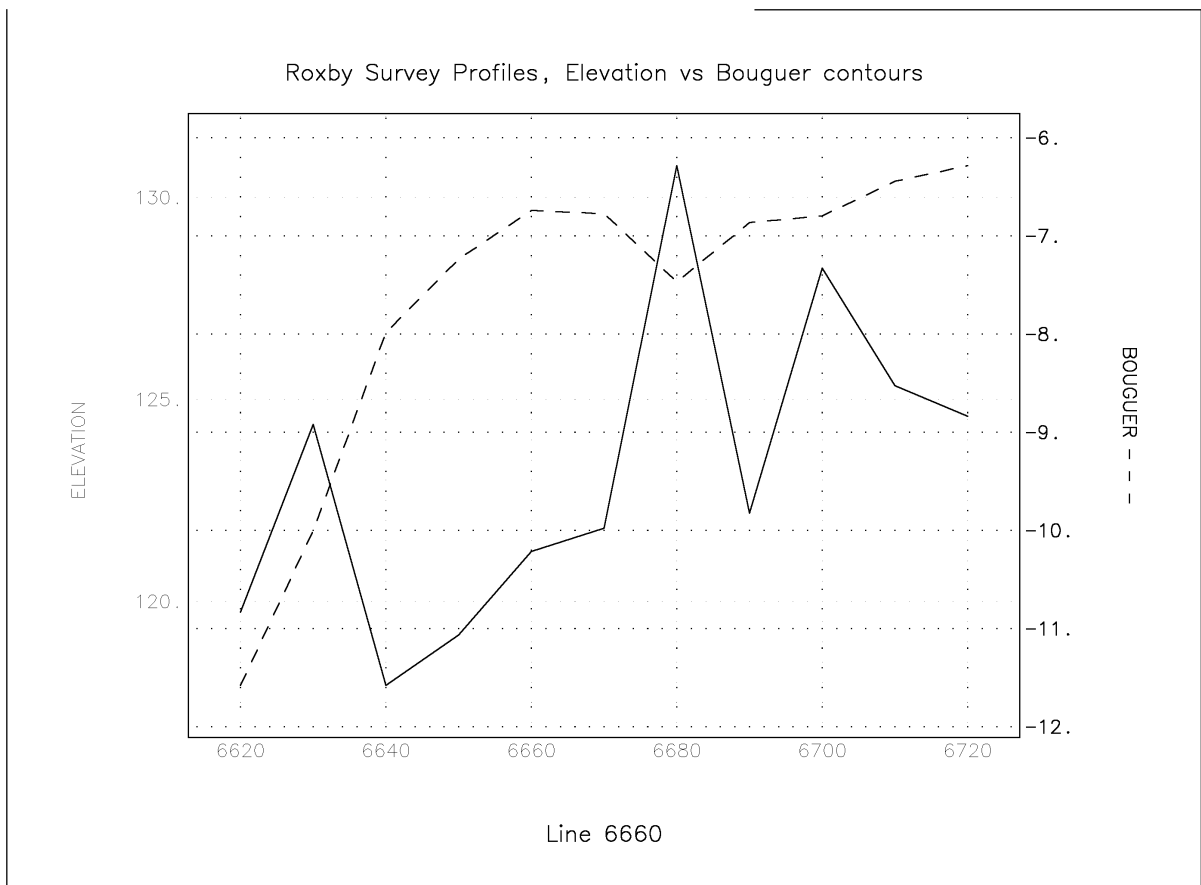
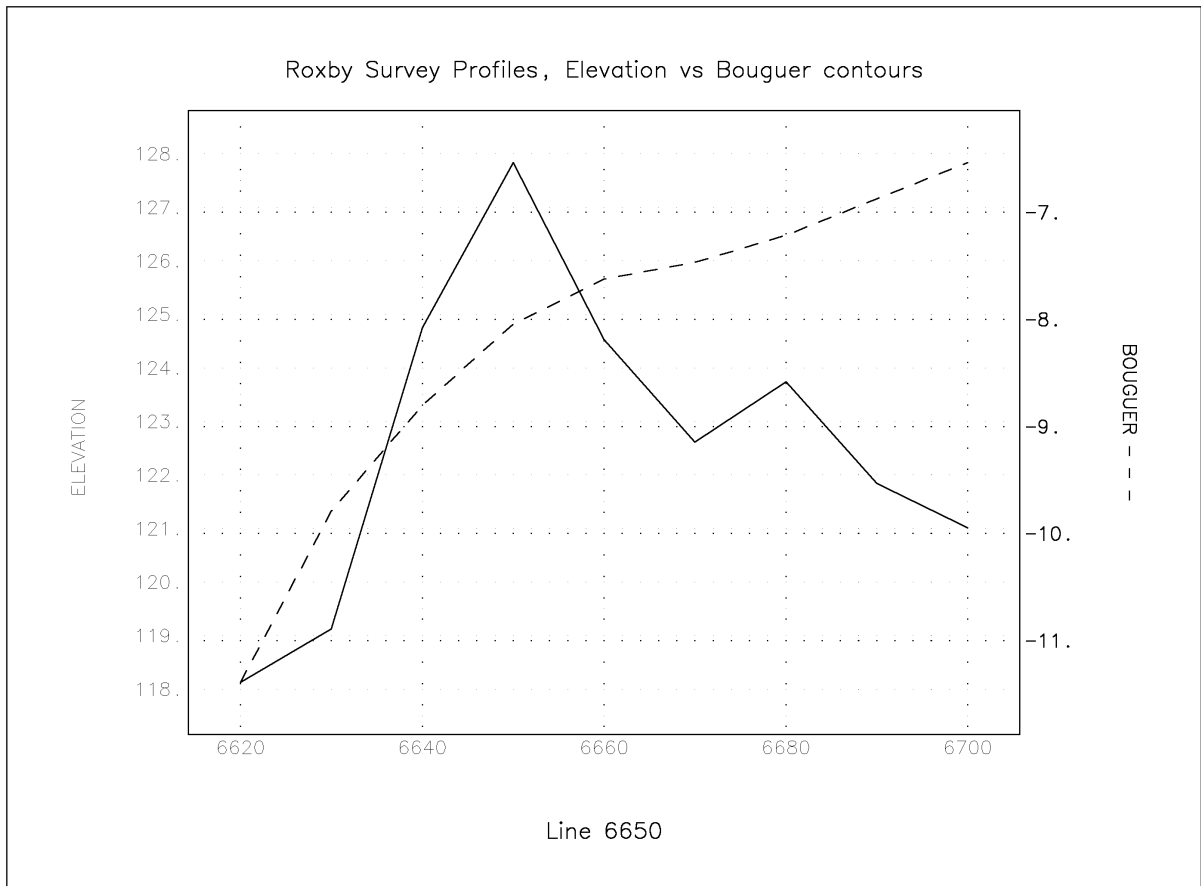


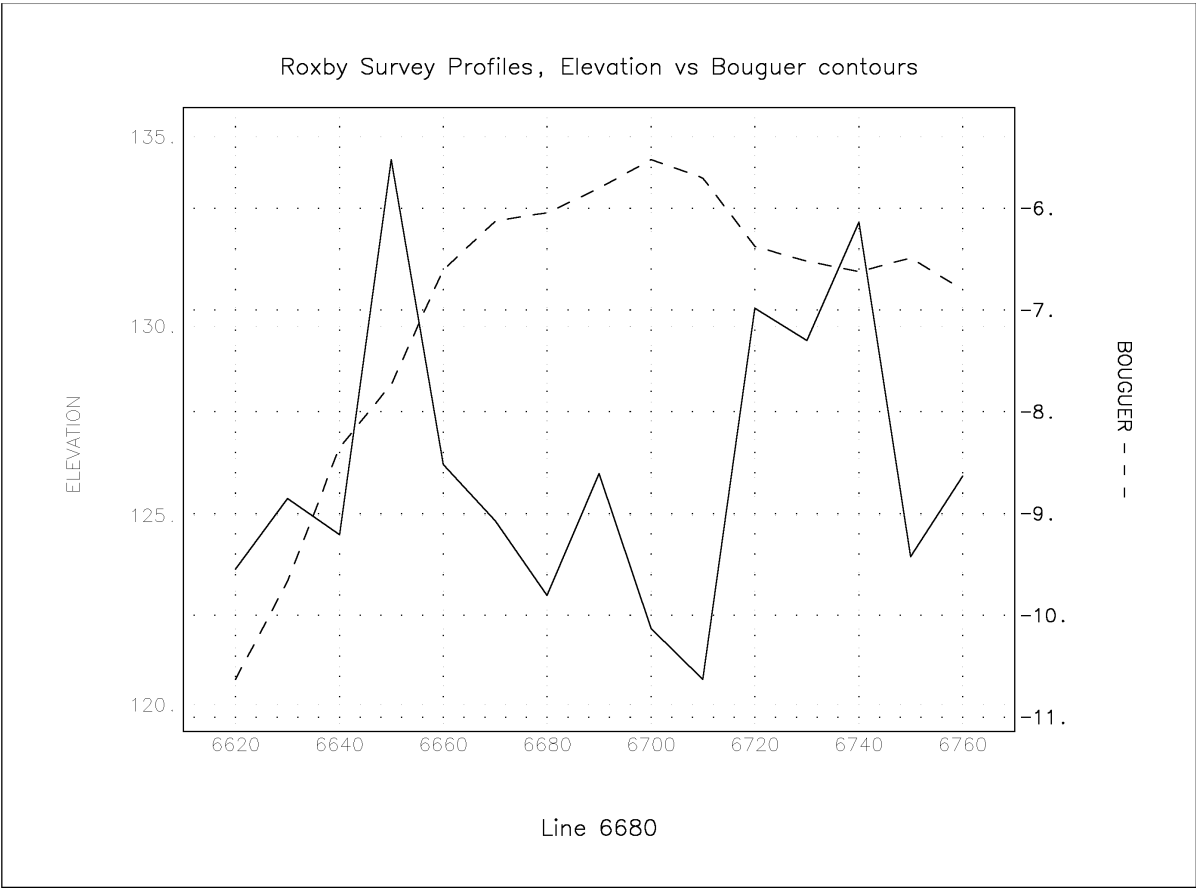
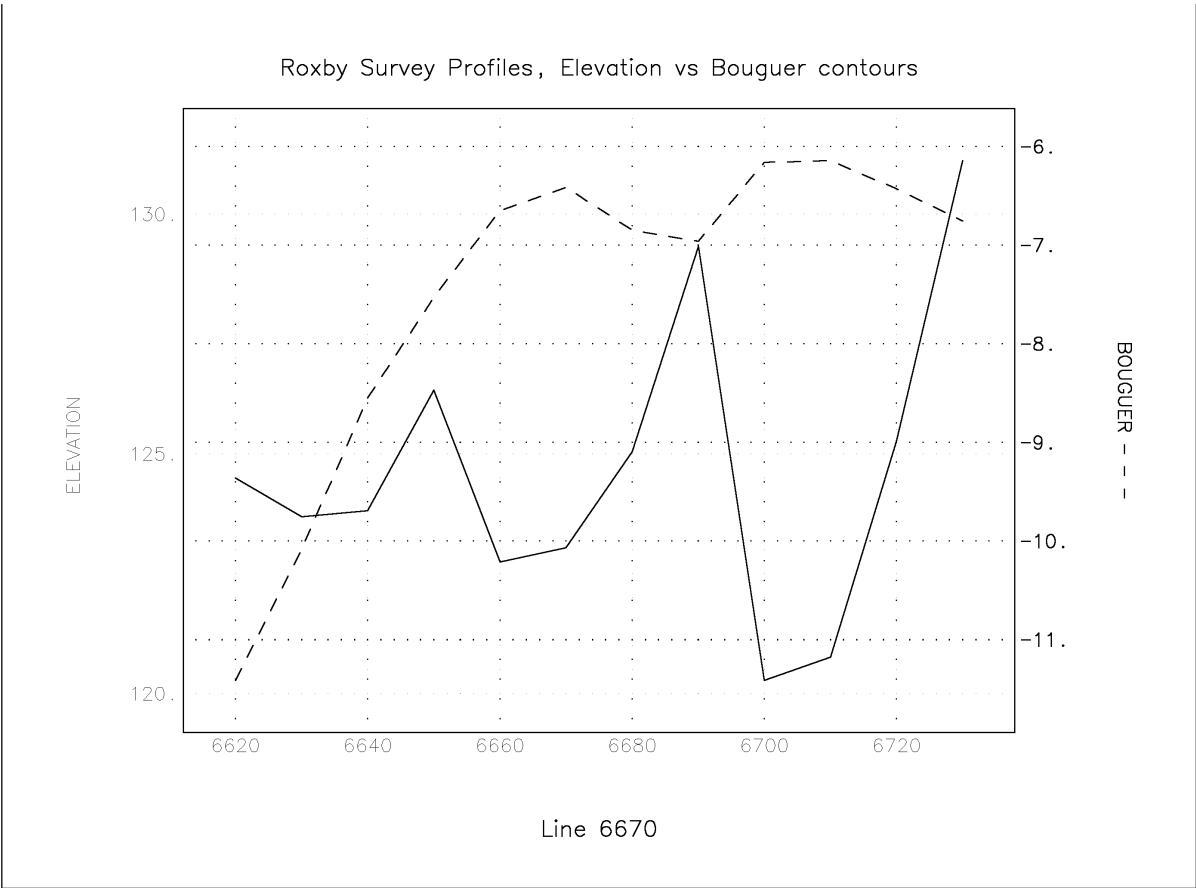


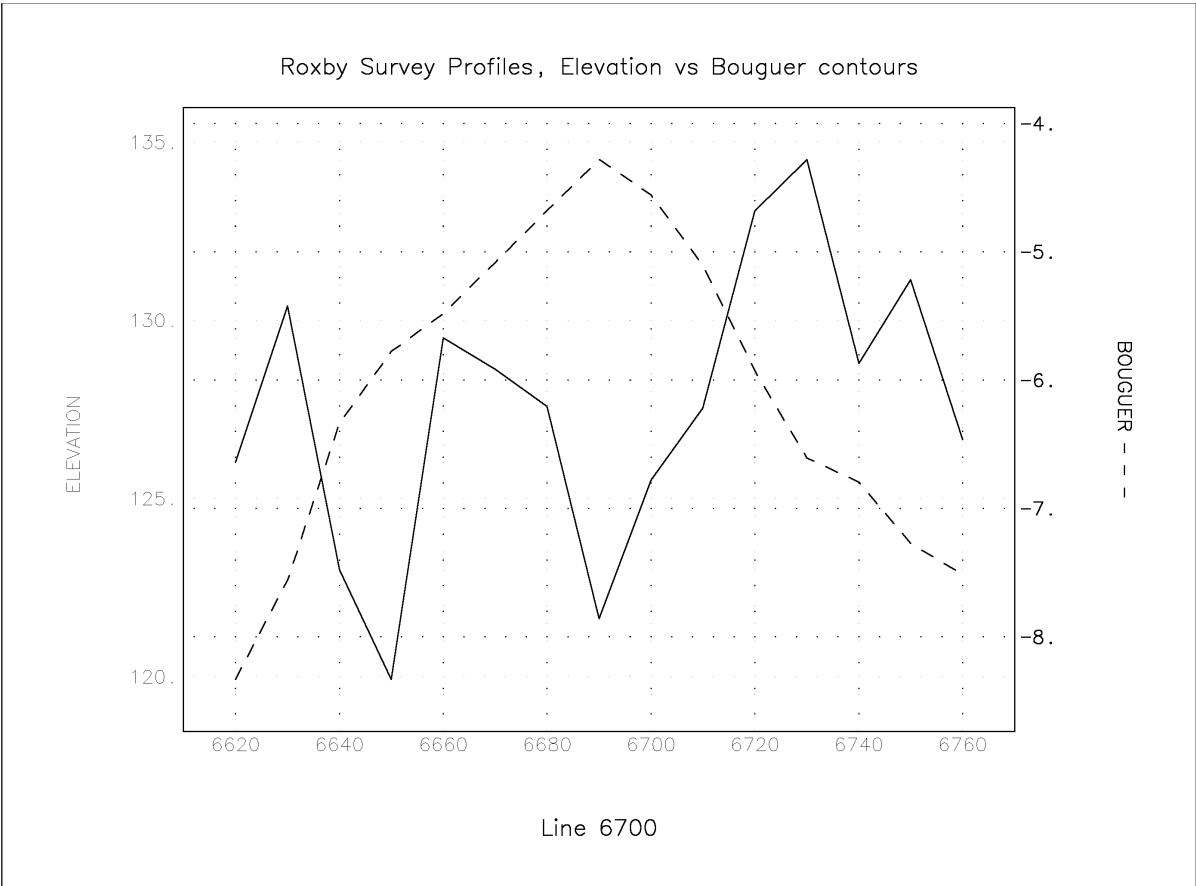
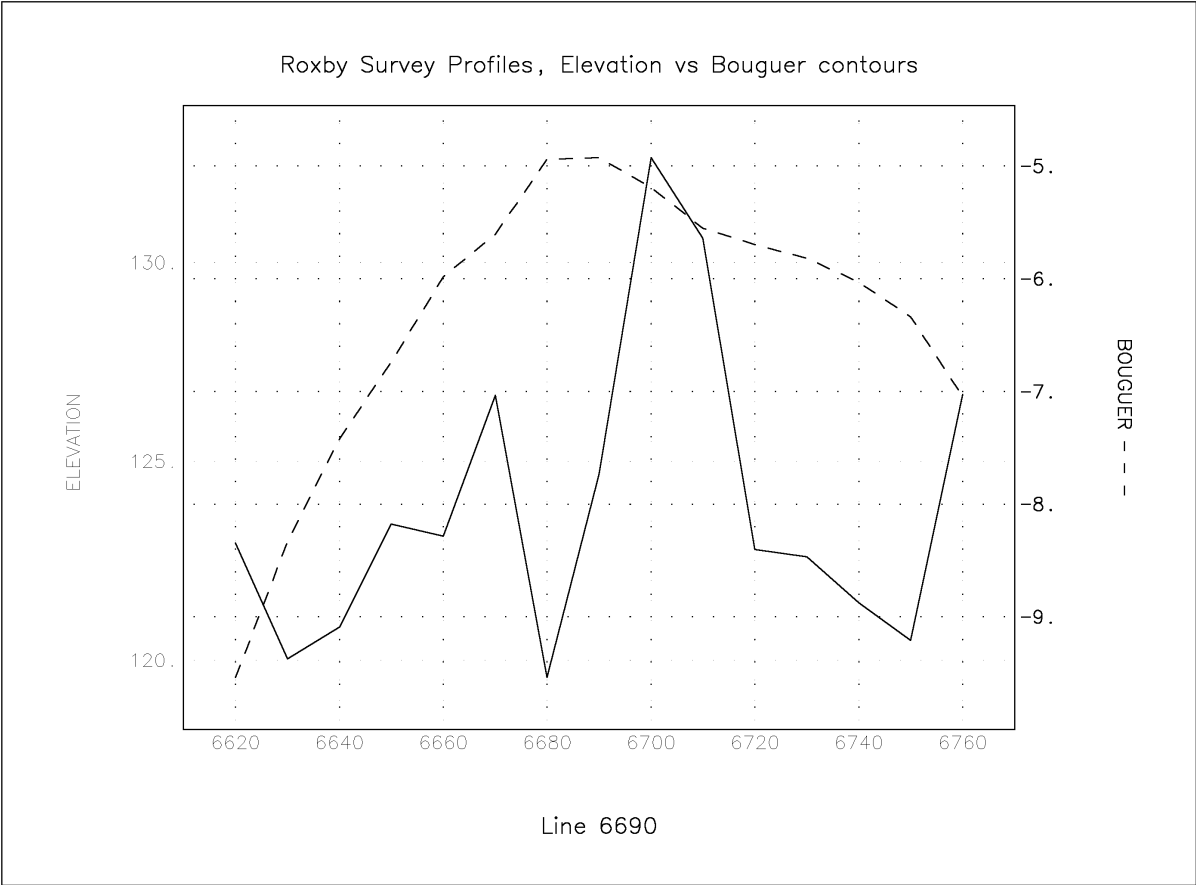


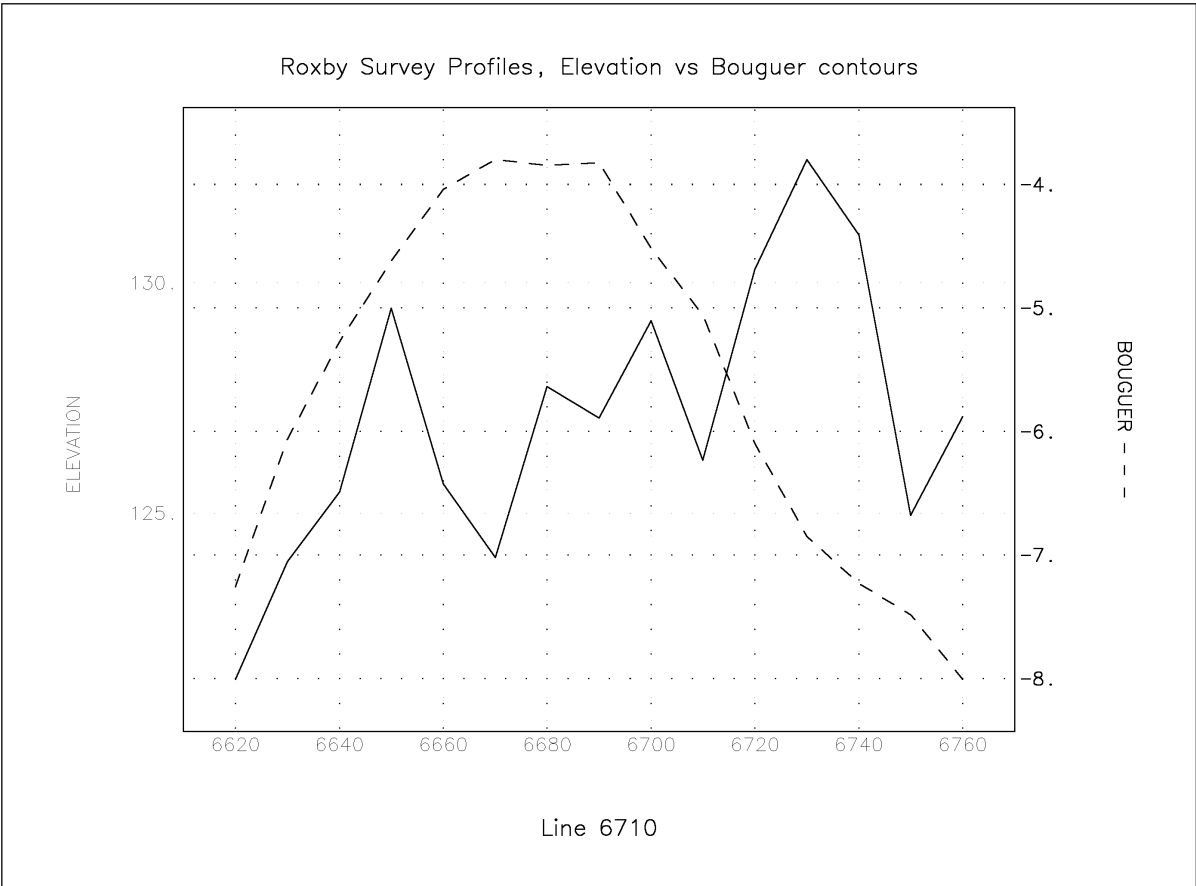
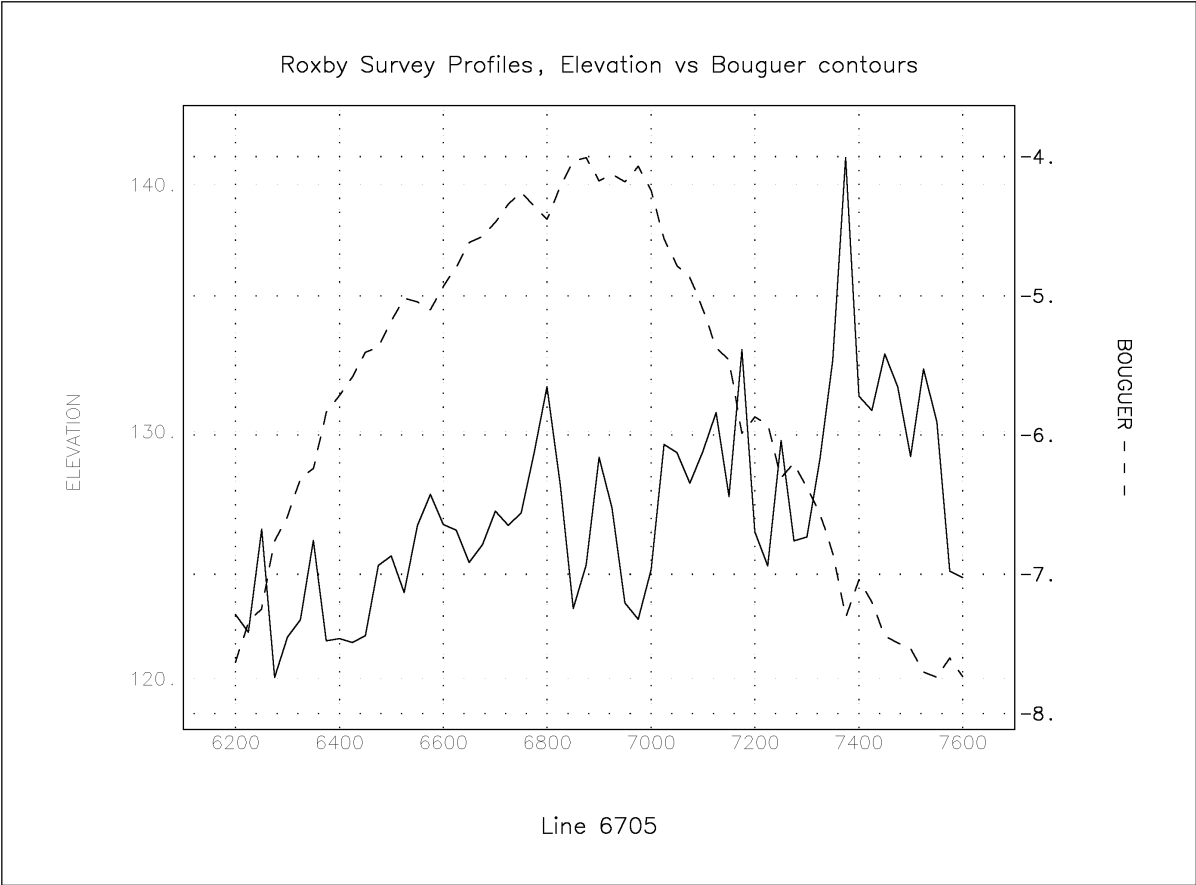


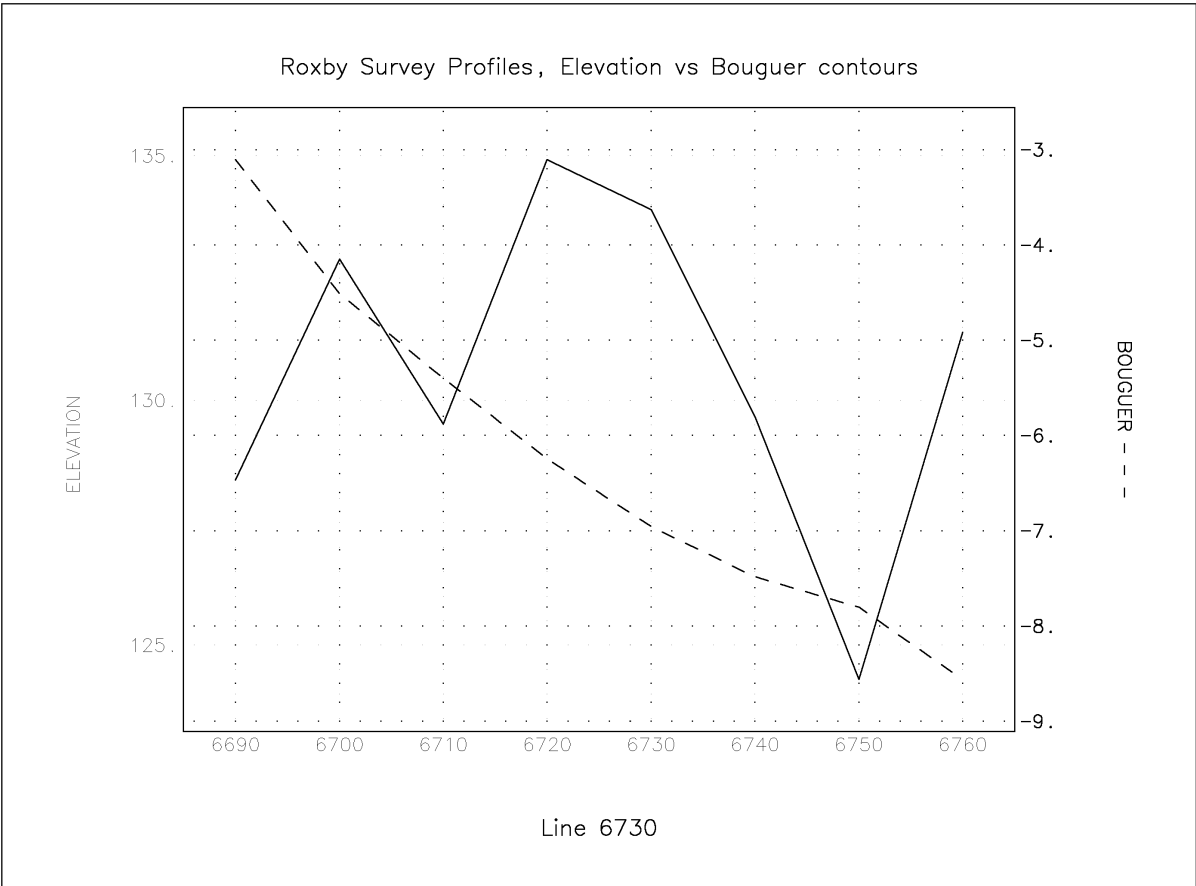
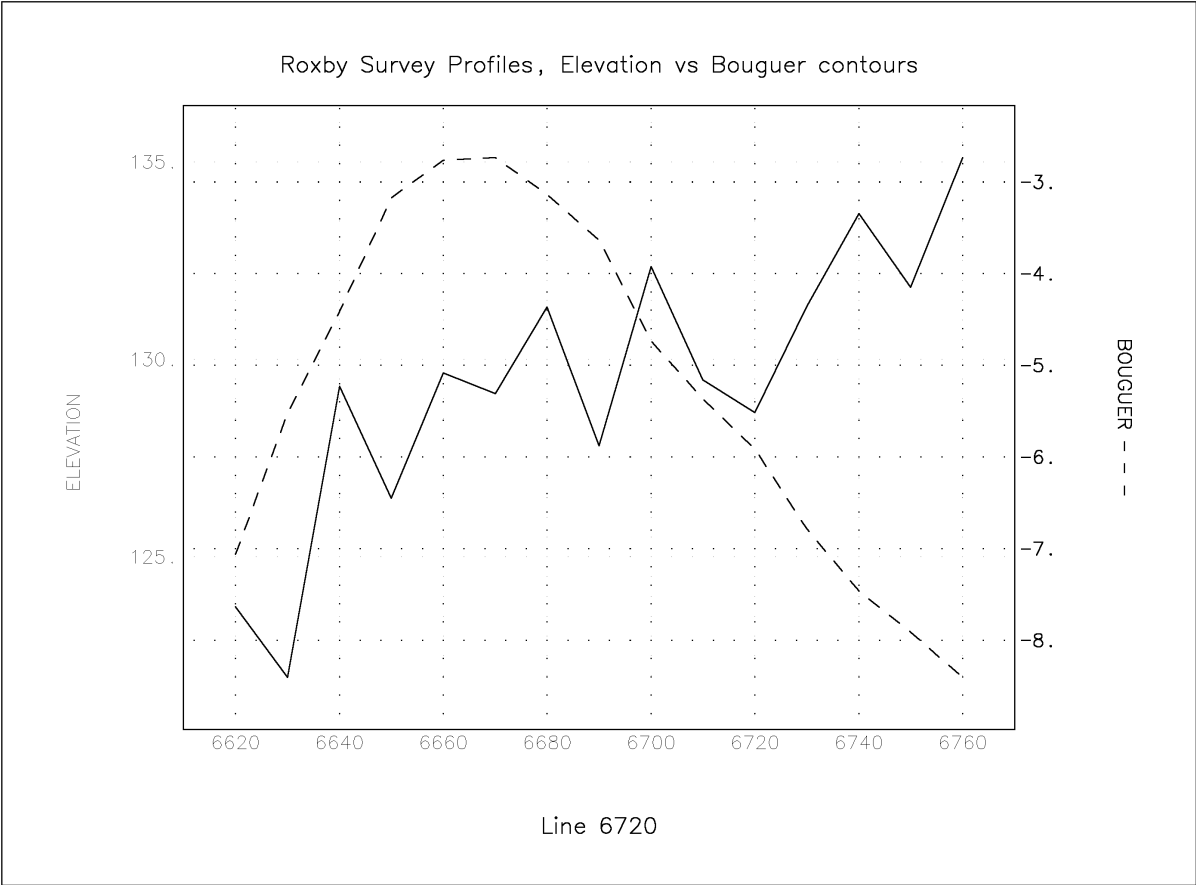


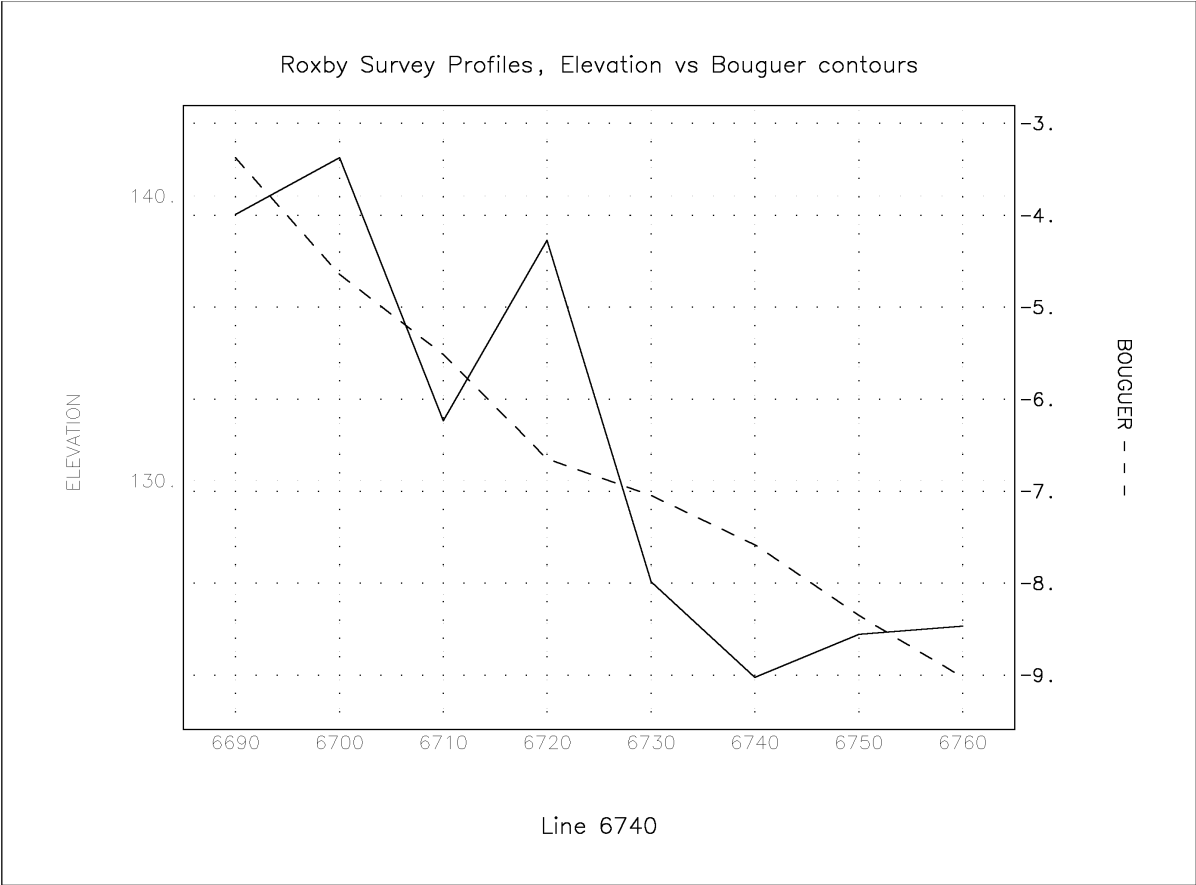


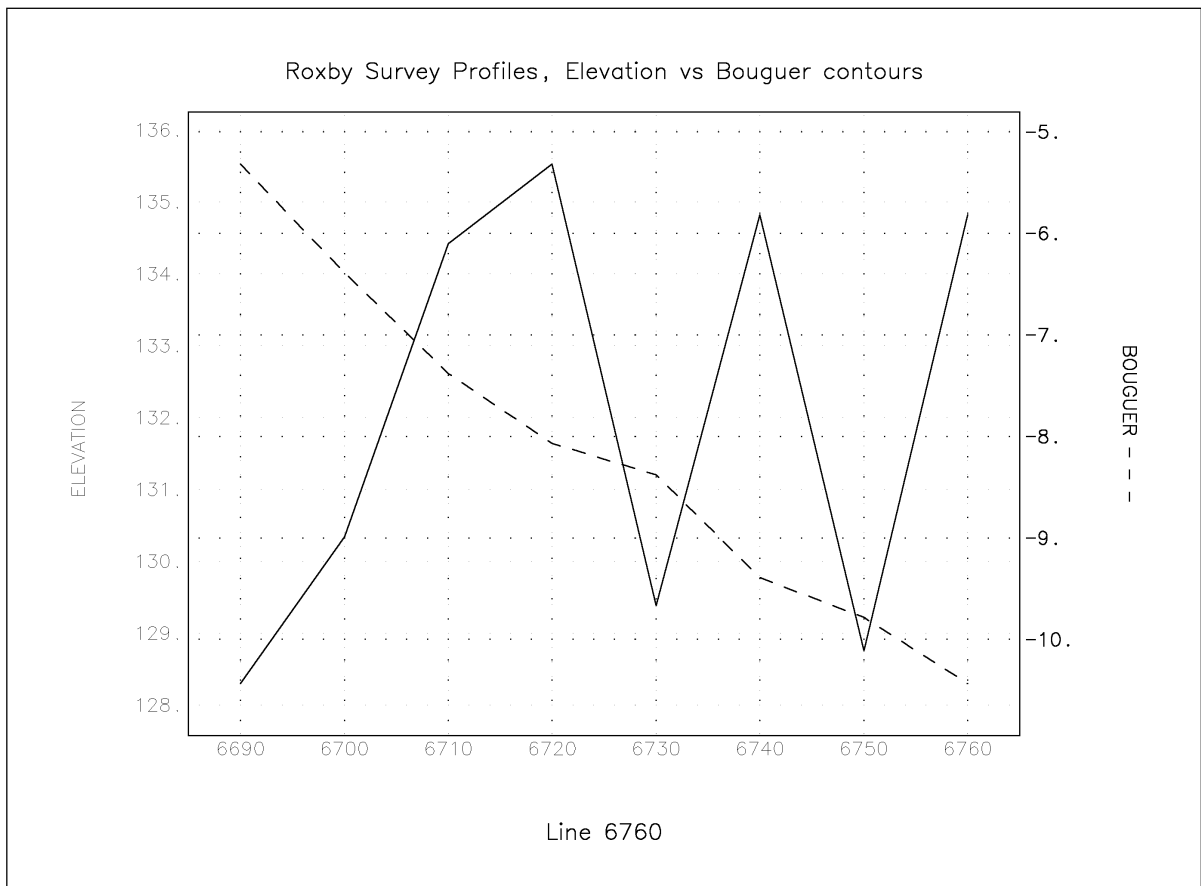
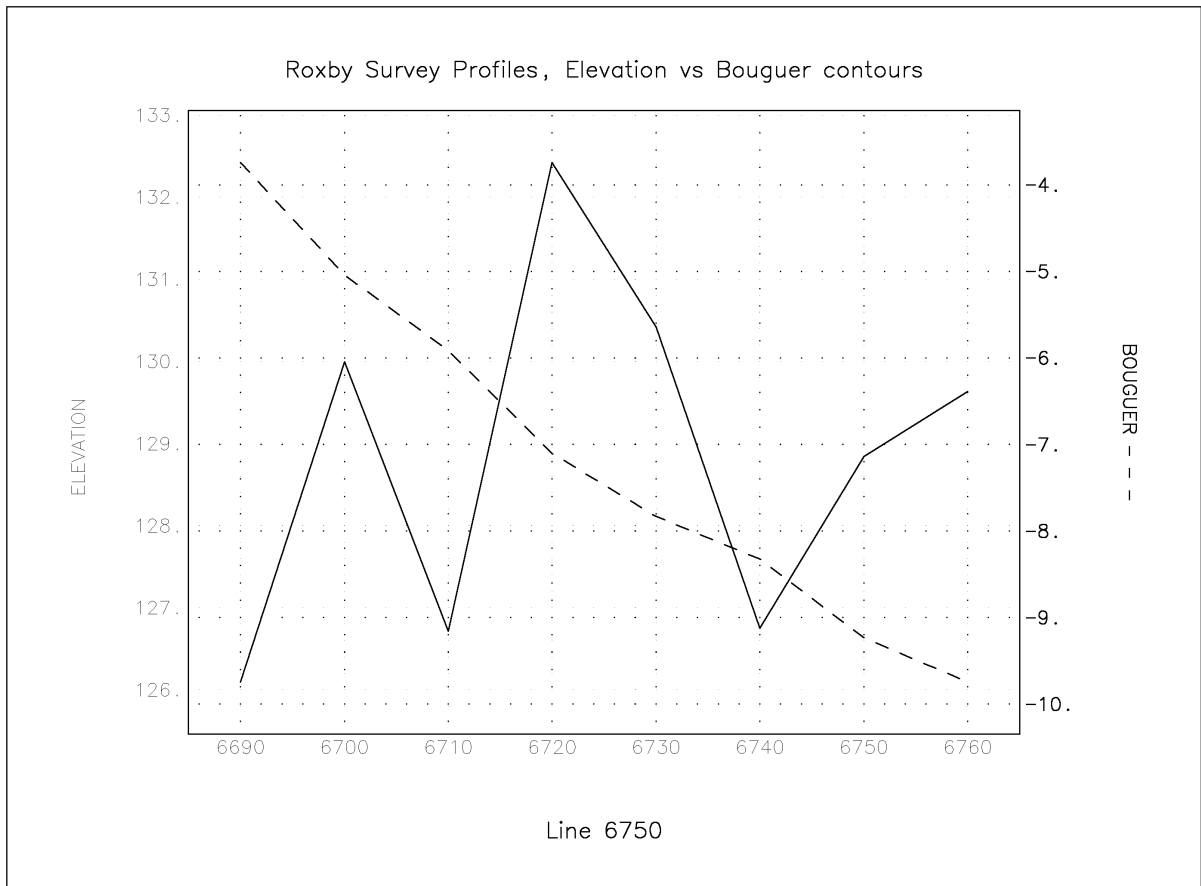












Gravity Processing Results

	COORDS		GRID	drift		corr'd	obs	anom	freeair	bouguer	bouguer	height
/	E	N	x	y		meter	mgal		corn	corn	anom	(AHD)
/									(2.67)			
Southern Area												
/D205												
/	683731.4	6614622.8	0	2	+0.000	4870.545	979337.797	-32.320	32.239	-11.690	-11.771	104.469
/	683731.4	6614622.8	0	2	+0.000	4870.545	979337.797	-32.320	32.239	-11.690	-11.771	104.469
/	683731.4	6614622.8	0	2	+0.000	4870.605	979337.857	-32.260	32.239	-11.690	-11.711	104.469
/	683731.4	6614622.8	0	2	+0.000	4870.605	979337.857	-32.260	32.239	-11.690	-11.711	104.469
/	683731.4	6614622.8	0	2	+0.000	4870.625	979337.897	-32.220	32.239	-11.690	-11.671	104.469
/	683731.4	6614622.8	0	2	+0.000	4870.625	979337.897	-32.220	32.239	-11.690	-11.671	104.469
/	698071.7	6594689.8	0	3	+0.000	4874.645	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/	698071.7	6594689.8	0	3	+0.000	4874.645	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/	698071.7	6594689.8	0	3	+0.020	4874.645	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/	698071.7	6594689.8	0	3	+0.000	4874.625	979341.897	-42.286	29.585	-10.728	-23.429	95.868
	692001.5	6592009.4	6920	5920	+0.002	4874.482	979341.734	-44.448	32.058	-11.624	-24.014	103.883
	692004.8	6593017.3	6920	5930	+0.003	4876.713	979343.965	-41.495	29.935	-10.855	-22.415	97.003
	691992.8	6594004.5	6920	5940	+0.003	4878.398	979345.650	-39.103	28.512	-10.339	-20.929	92.393
	692001.4	6595007.0	6920	5950	+0.003	4880.203	979347.455	-36.580	26.922	-9.762	-19.421	87.238
	692006.8	6596001.3	6920	5960	+0.004	4879.939	979347.191	-36.132	27.802	-10.081	-18.412	90.091
	692007.9	6597014.2	6920	5970	+0.004	4878.249	979345.501	-37.097	30.245	-10.967	-17.819	98.007
	692001.5	6598009.6	6920	5980	+0.005	4875.750	979343.002	-38.884	33.673	-12.210	-17.421	109.116
	692000.5	6599010.2	6920	5990	+0.005	4872.710	979339.962	-41.208	36.481	-13.228	-17.955	118.214
	692005.7	6600016.8	6920	6000	+0.006	4871.246	979338.498	-41.952	37.077	-13.444	-18.319	120.147
	692993.5	6592011.6	6930	5920	+0.010	4874.240	979341.492	-44.676	32.088	-11.635	-24.223	103.979
	693001.6	6593006.3	6930	5930	+0.010	4876.205	979343.457	-41.998	30.070	-10.904	-22.831	97.441
	692995.1	6593994.6	6930	5940	+0.010	4877.625	979344.877	-39.870	29.432	-10.672	-21.111	95.372
	692992.3	6595001.3	6930	5950	+0.009	4877.379	979344.631	-39.396	30.283	-10.981	-20.094	98.129
	692995.0	6596000.6	6930	5960	+0.009	4878.859	979346.111	-37.200	29.369	-10.649	-18.480	95.169
	692997.0	6597005.1	6930	5970	+0.008	4881.388	979348.640	-33.952	25.580	-9.275	-17.648	82.889
	692989.6	6598013.3	6930	5980	+0.008	4876.258	979343.510	-38.361	33.083	-11.996	-17.274	107.205
	693017.7	6598996.9	6930	5990	+0.007	4874.222	979341.474	-39.693	34.866	-12.643	-17.469	112.982
	692993.8	6600011.0	6930	6000	+0.007	4873.287	979340.539	-39.902	35.148	-12.745	-17.499	113.894
	693995.5	6592007.3	6940	5920	+0.011	4872.941	979340.193	-45.965	33.122	-12.010	-24.853	107.330
	693979.8	6593003.6	6940	5930	+0.011	4874.871	979342.123	-43.321	31.209	-11.316	-23.429	101.130
	693996.5	6594005.9	6940	5940	+0.012	4877.447	979344.699	-40.027	28.790	-10.439	-21.677	93.293
	693990.9	6595008.0	6940	5950	+0.012	4876.887	979344.139	-39.870	31.195	-11.312	-19.986	101.087
	693995.4	6596004.1	6940	5960	+0.012	4878.182	979345.434	-37.862	30.571	-11.085	-18.376	99.062
	693994.9	6597003.9	6940	5970	+0.013	4881.653	979348.905	-33.675	25.564	-9.270	-17.381	82.840
	693994.3	6598006.6	6940	5980	+0.014	4877.979	979345.231	-36.632	30.550	-11.078	-17.159	98.995
	694003.0	6599013.2	6940	5990	+0.014	4874.409	979341.661	-39.481	35.006	-12.693	-17.168	113.436
	694003.2	6600006.7	6940	6000	+0.014	4873.119	979340.371	-40.060	35.666	-12.933	-17.327	115.574
	694999.1	6592045.6	6950	5920	+0.018	4871.433	979338.685	-47.432	34.181	-12.394	-25.646	110.761
	694997.5	6592991.6	6950	5930	+0.018	4874.523	979341.775	-43.665	30.696	-11.131	-24.099	99.469
	695011.7	6593998.3	6950	5940	+0.017	4875.642	979342.894	-41.825	30.166	-10.938	-22.597	97.752
	694993.8	6595007.9	6950	5950	+0.017	4877.482	979344.734	-39.262	29.208	-10.591	-20.645	94.646
	694992.6	6596003.5	6950	5960	+0.016	4877.926	979345.178	-38.105	29.740	-10.784	-19.149	96.371
	694996.6	6597002.2	6950	5970	+0.016	4879.786	979347.038	-35.530	27.732	-10.056	-17.854	89.864
	694993.0	6598011.7	6950	5980	+0.016	4879.086	979346.338	-35.508	28.974	-10.506	-17.040	93.889
	694991.6	6599004.6	6950	5990	+0.015	4875.315	979342.567	-38.569	33.566	-12.171	-17.174	108.769
	695014.0	6599998.1	6950	6000	+0.015	4873.370	979340.622	-39.803	35.170	-12.753	-17.386	113.966
	696001.0	6592058.0	6960	5920	+0.018	4870.148	979337.400	-48.695	35.968	-13.042	-25.770	116.552
	696003.2	6593013.3	6960	5930	+0.019	4874.269	979341.521	-43.890	30.018	-10.885	-24.757	97.272
	695982.3	6594004.8	6960	5940	+0.019	4874.104	979341.356	-43.345	31.885	-11.561	-23.022	103.320
	695995.0	6595010.9	6960	5950	+0.020	4876.770	979344.022	-39.959	29.090	-10.548	-21.417	94.266
/D206												
/	683731.4	6614622.8	0	2	+0.000	4870.758	979337.800	-32.317	32.239	-11.690	-11.768	104.469
/	683731.4	6614622.8	0	2	+0.000	4870.758	979337.800	-32.317	32.239	-11.690	-11.768	104.469
/	683731.4	6614622.8	0	2	+0.000	4871.372	979338.291	-31.826	32.239	-11.690	-11.277	104.469
/	683731.4	6614622.8	0	2	+0.000	4871.372	979338.291	-31.826	32.239	-11.690	-11.277	104.469
/	698071.7	6594689.8	0	3	+0.000	4874.855	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/	698071.7	6594689.8	0	3	+0.000	4874.855	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/	698071.7	6594689.8	0	3	+0.030	4874.855	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/	698071.7	6594689.8	0	3	+0.000	4874.825	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/	698071.7	6594689.8	0	3	-0.177	4874.825	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/	698071.7	6594689.8	0	3	+0.000	4875.002	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/	698071.7	6594689.8	0	3	+0.024	4875.002	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/	698071.7	6594689.8	0	3	+0.000	4874.978	979341.897	-42.286	29.585	-10.728	-23.429	95.868
	695995.1	6595011.2	6960	5950	+0.001	4876.951	979343.993	-39.988	29.085	-10.546	-21.449	94.249
	695996.1	6596011.5	6960	5960	+0.002	4877.532	979344.574	-38.690	29.518	-10.703	-19.876	95.650
	696005.6	6597004.5	6960	5970	+0.003	4878.728	979345.770	-36.784	28.606	-10.373	-18.550	92.695
	695995.8	6598003.7	6960	5980	+0.004	4878.199	979345.241	-36.598	30.223	-10.959	-17.333	97.937
	696014.2	6598917.4	6960	5990	+0.005	4877.335	979344.377	-36.808	31.046	-11.257	-17.019	100.602
	696007.7	6600008.4	6960	6000	+0.006	4875.456	979342.498	-37.906	32.664	-11.844	-17.086	105.847
	696997.1	6592004.6	6970	5920	+0.018	4871.358	979338.400	-47.720	34.388	-12.469	-25.802	111.431

698005.0	6595009.3	6980	5950	+0.023	4875.813	979342.855	-41.100	28.703	-10.408	-22.805	93.011
697999.7	6596001.9	6980	5960	+0.024	4876.189	979343.231	-40.014	29.778	-10.798	-21.033	96.495
697997.7	6597059.0	6980	5970	+0.025	4875.180	979342.222	-40.266	32.216	-11.682	-19.732	104.393
698008.6	6598008.1	6980	5980	+0.025	4875.190	979342.232	-39.577	32.997	-11.965	-18.545	106.924
697993.4	6599012.3	6980	5990	+0.026	4875.501	979342.543	-38.548	32.709	-11.860	-17.699	105.992
698000.5	6599009.8	6980	6000	+0.027	4873.847	979340.889	-39.488	33.948	-12.310	-17.850	110.005
699006.1	6592003.4	6990	5920	+0.007	4874.142	979341.037	-45.058	30.157	-10.935	-25.836	97.722
699015.0	6593004.5	6990	5930	+0.007	4874.182	979341.077	-44.301	30.097	-10.913	-25.117	97.528
699008.3	6594006.7	6990	5940	+0.005	4873.280	979340.175	-44.485	31.282	-11.343	-24.546	101.367
699000.8	6595015.9	6990	5950	+0.004	4871.739	979338.634	-45.304	33.558	-12.168	-23.914	108.742
698995.0	6596009.8	6990	5960	+0.002	4873.542	979340.437	-42.789	32.437	-11.762	-22.114	105.109
699000.8	6597009.9	6990	5970	+0.001	4872.856	979339.751	-42.759	33.993	-12.326	-21.092	110.153
698996.3	6598007.0	6990	5980	+0.000	4874.420	979341.315	-40.482	33.317	-12.081	-19.246	107.962
698991.0	6599018.2	6990	5990	+0.030	4874.515	979341.557	-39.516	32.888	-11.925	-18.553	106.573
698992.3	6600015.7	6990	6000	+0.027	4873.347	979340.389	-39.971	33.629	-12.194	-18.536	108.973
699995.4	6592006.3	7000	5920	+0.008	4872.243	979339.138	-46.941	32.559	-11.806	-26.189	105.505
699989.2	6593016.1	7000	5930	+0.009	4874.014	979340.909	-44.447	29.635	-10.746	-25.558	96.031
700009.1	6594004.1	7000	5940	+0.010	4872.405	979339.300	-45.348	31.824	-11.539	-25.064	103.123
700004.9	6595008.5	7000	5950	+0.010	4871.905	979338.800	-45.129	32.713	-11.862	-24.279	106.003
699995.2	6596007.9	7000	5960	+0.011	4874.086	979340.981	-42.233	30.634	-11.108	-22.707	99.269
699991.4	6597009.5	7000	5970	+0.012	4874.422	979341.317	-41.180	31.849	-11.549	-20.880	103.205
700001.7	6598013.5	7000	5980	+0.013	4873.663	979340.558	-41.221	33.788	-12.252	-19.685	109.487
700005.2	6599002.3	7000	5990	+0.014	4873.699	979340.594	-40.477	33.866	-12.280	-18.891	109.742
699988.8	6599995.5	7000	6000	+0.015	4872.690	979339.585	-40.776	34.079	-12.357	-19.054	110.430
701002.4	6592007.7	7010	5920	+0.022	4870.197	979337.092	-48.973	35.598	-12.908	-26.283	115.352
701002.9	6593008.4	7010	5930	+0.021	4870.926	979337.821	-47.527	33.951	-12.311	-25.887	110.017
701011.0	6593993.0	7010	5940	+0.020	4873.055	979339.950	-44.693	30.226	-10.960	-25.427	97.947
701001.4	6595008.9	7010	5950	+0.020	4871.295	979338.190	-45.726	32.668	-11.845	-24.903	105.858
701013.3	6596008.2	7010	5960	+0.019	4873.294	979340.189	-43.011	31.210	-11.317	-23.119	101.133
700992.1	6596992.6	7010	5970	+0.018	4872.103	979338.998	-43.498	33.848	-12.273	-21.924	109.682
700994.0	6598005.2	7010	5980	+0.017	4873.942	979340.837	-40.934	32.240	-11.690	-20.385	104.471
701001.8	6599010.1	7010	5990	+0.016	4872.136	979339.031	-42.021	35.244	-12.780	-19.557	114.207
701001.8	6600011.2	7010	6000	+0.015	4872.155	979339.050	-41.286	34.410	-12.477	-19.353	111.504
/D207											
/ 683731.4	6614622.8	0	2	+0.000	4871.520	979337.842	-32.275	32.239	-11.690	-11.726	104.469
/ 683731.4	6614622.8	0	2	+0.000	4871.520	979337.842	-32.275	32.239	-11.690	-11.726	104.469
/ 683731.4	6614622.8	0	2	+0.000	4871.570	979337.922	-32.195	32.239	-11.690	-11.646	104.469
/ 683731.4	6614622.8	0	2	+0.000	4871.570	979337.922	-32.195	32.239	-11.690	-11.646	104.469
/ 698071.7	6594689.8	0	3	+0.000	4875.575	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/ 698071.7	6594689.8	0	3	+0.000	4875.575	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/ 698071.7	6594689.8	0	3	+0.030	4875.575	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/ 698071.7	6594689.8	0	3	+0.000	4875.545	979341.897	-42.286	29.585	-10.728	-23.429	95.868
699994.6	6592006.5	7000	5920	+0.002	4872.802	979339.124	-46.955	32.557	-11.805	-26.204	105.498
701002.4	6592007.6	7010	5920	+0.002	4870.712	979337.034	-49.031	35.609	-12.912	-26.334	115.390
702008.9	6592013.0	7020	5920	+0.002	4870.257	979336.579	-49.469	35.603	-12.910	-26.775	115.370
702000.4	6593010.5	7020	5930	+0.003	4870.853	979337.175	-48.158	34.043	-12.344	-26.460	110.313
701999.7	6594011.6	7020	5940	+0.003	4872.673	979338.995	-45.621	31.002	-11.241	-25.861	100.459
702000.0	6595020.8	7020	5950	+0.004	4872.649	979338.971	-44.923	30.977	-11.232	-25.178	100.379
701989.7	6596012.8	7020	5960	+0.004	4873.594	979339.916	-43.268	30.264	-10.974	-23.978	98.069
702006.3	6597028.0	7020	5970	+0.005	4873.805	979340.127	-42.330	30.864	-11.192	-22.657	100.014
701997.7	6598010.6	7020	5980	+0.006	4873.676	979339.998	-41.756	32.532	-11.796	-21.020	105.417
701991.1	6599009.2	7020	5990	+0.007	4873.057	979339.379	-41.661	33.850	-12.274	-20.085	109.690
702008.7	6600014.1	7020	6000	+0.008	4871.178	979337.500	-42.821	35.698	-12.944	-20.067	115.677
702996.9	6592006.1	7030	5920	+0.015	4869.950	979336.272	-49.767	35.297	-12.799	-27.269	114.378
702997.5	6593003.5	7030	5930	+0.015	4870.955	979337.277	-48.048	33.346	-12.091	-26.793	108.056
703005.2	6594007.4	7030	5940	+0.014	4870.729	979337.051	-47.555	33.144	-12.018	-26.429	107.402
703025.0	6595004.5	7030	5950	+0.014	4871.764	979338.086	-45.806	31.216	-11.319	-25.909	101.153
702988.5	6596016.4	7030	5960	+0.013	4873.128	979339.450	-43.718	30.434	-11.035	-24.320	98.618
703020.3	6597067.3	7030	5970	+0.012	4874.217	979340.539	-41.876	29.857	-10.826	-22.845	96.751
703004.5	6597973.4	7030	5980	+0.010	4872.985	979339.307	-42.460	32.591	-11.818	-21.687	105.610
702994.0	6599009.2	7030	5990	+0.009	4873.139	979339.461	-41.565	32.668	-11.845	-20.743	105.858
703008.3	6600021.2	7030	6000	+0.008	4870.483	979336.805	-43.497	35.446	-12.853	-20.904	114.860
704006.1	6592008.9	7040	5920	+0.016	4869.241	979335.563	-50.460	35.504	-12.874	-27.830	115.048
703997.6	6593018.9	7040	5930	+0.016	4870.351	979336.673	-48.627	33.328	-12.085	-27.384	107.996
704006.4	6593996.7	7040	5940	+0.017	4870.327	979336.649	-47.951	32.765	-11.881	-27.066	106.174
704001.2	6595012.2	7040	5950	+0.017	4872.822	979339.144	-44.729	28.814	-10.448	-26.363	93.371
704000.2	6596018.0	7040	5960	+0.018	4872.938	979339.260	-43.893	30.359	-11.008	-24.542	98.376
704001.9	6597010.6	7040	5970	+0.018	4874.123	979340.445	-41.998	29.859	-10.827	-22.966	96.756
704004.2	6598010.2	7040	5980	+0.019	4873.334	979339.656	-42.071	31.606	-11.460	-21.926	102.416
704031.2	6599003.9	7040	5990	+0.019	4871.079	979337.401	-43.615	34.187	-12.396	-21.824	110.780
703987.4	6600014.4	7040	6000	+0.020	4870.305	979336.627	-43.667	34.779	-12.611	-21.498	112.700
705012.7	6592008.5	7050	5920	+0.026	4870.451	979336.773	-49.237	33.244	-12.054	-28.047	107.725
705000.5	6593013.1	7050	5930	+0.025	4870.675	979336.997	-48.293	32.210	-11.679	-27.763	104.374
704990.3	6594003.8	7050	5940	+0.025	4872.990	979339.312	-45.269	28.127	-10.199	-27.341	91.145
705006.0	6594998.2	7050	5950	+0.024	4875.634	979341.956	-41.913	23.680	-8.586	-26.820	76.733
704996.1	6596013.1	7050	5960	+0.023	4876.943	979343.265	-39.878	24.097	-8.738	-24.519	78.084
705002.0	6597012.0	7050	5970	+0.023	4876.333	979342.655	-39.773	26.206	-9.503	-23.069	84.920
705037.8	6598013.0	7050	5980	+0.022	4872.762	979339.084	-42.627	31.805	-11.532	-22.355	103.061
704997.9	6599012.1	7050	5990	+0.021	4871.916	979338.238	-42.759	32.438	-11.762	-22.083	105.114
704986.8	6600007.0	7050	6000	+0.021	4871.151	979337.473	-42.812	32.478	-11.777	-22.111	105.244
706004.1	6592017.1	7060	5920	+0.026	4868.886	979335.208	-50.782	35.618	-12.915	-28.079	115.419
705990.2	6593013.5	7060	5930	+0.027	4868.802	979335.124	-50.153	34.703	-12.583	-28.033	112.453
706005.2	6594009.7	7060	5940	+0.027	4869.287	979335.609	-48.954	33.351	-12.093	-27.696	108.073
705996.7	6595012.4	7060	5950	+0.028	4876.038	979342.360	-41.485	23.249	-8.430	-26.667	75.336
705993.4	6595842.4	7060	5960	+0.028	4877.883	979344.205	-39.046	22.451	-8.141	-24.736	72.752
706007.8	6597017.0	7060	5970	+0.029	4875.149	979341.471	-40.939	27.342	-9.914	-23.512	88.59

/ 683731.4	6614622.8	0	2	+0.000	4871.762	979337.871	-32.246	32.239	-11.690	-11.697	104.469
/ 683731.4	6614622.8	0	2	+0.000	4871.762	979337.871	-32.246	32.239	-11.690	-11.697	104.469
/ 698071.7	6594689.8	0	3	+0.000	4875.750	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/ 698071.7	6594689.8	0	3	+0.000	4875.750	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/ 698071.7	6594689.8	0	3	-0.038	4875.750	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/ 698071.7	6594689.8	0	3	+0.000	4875.788	979341.897	-42.286	29.585	-10.728	-23.429	95.868
696988.7	6597983.7	6970	5980	-0.034	4876.571	979342.718	-39.122	32.614	-11.826	-18.334	105.684
697997.4	6593010.0	6980	5930	-0.031	4876.419	979342.566	-42.821	28.332	-10.273	-24.762	91.809
698992.1	6600015.7	6990	6000	-0.036	4874.199	979340.346	-40.014	33.633	-12.196	-18.576	108.987
706008.1	6597017.6	7060	5970	-0.004	4875.336	979341.483	-40.927	27.311	-9.903	-23.519	88.499
706004.0	6598013.0	7060	5980	-0.005	4874.825	979340.972	-40.726	28.875	-10.470	-22.321	93.568
706001.9	6599021.8	7060	5990	-0.008	4871.522	979337.669	-43.307	32.782	-11.887	-22.412	106.227
705991.7	6600018.9	7060	6000	-0.008	4872.532	979338.679	-41.584	30.321	-10.994	-22.258	98.253
706998.4	6595009.7	7070	5950	-0.025	4875.650	979341.797	-42.037	23.892	-8.663	-26.808	77.420
707003.4	6596008.7	7070	5960	-0.026	4878.854	979345.001	-38.117	21.868	-7.930	-24.179	70.863
707003.6	6597012.3	7070	5970	-0.027	4875.693	979341.840	-40.560	26.738	-9.695	-23.517	86.644
706994.6	6598014.5	7070	5980	-0.014	4873.881	979340.028	-41.656	29.834	-10.818	-22.640	96.675
707007.0	6599005.9	7070	5991	-0.017	4873.513	979339.660	-41.314	30.190	-10.947	-22.071	97.829
706995.8	6600006.8	7070	6000	-0.009	4874.381	979340.528	-39.730	27.783	-10.074	-22.021	90.028
706996.2	6600006.9	7070	6001	-0.018	4874.332	979340.479	-39.779	27.789	-10.076	-22.066	90.048
707998.7	6595020.6	7080	5950	-0.024	4874.446	979340.593	-43.219	25.605	-9.285	-26.898	82.972
707995.5	6596014.8	7080	5960	-0.023	4878.427	979344.574	-38.526	21.126	-7.660	-25.061	68.456
708001.6	6597005.4	7080	5970	-0.022	4876.168	979342.315	-40.076	25.406	-9.212	-23.882	82.328
707999.7	6597991.6	7080	5980	-0.022	4875.588	979341.735	-39.951	26.653	-9.665	-22.962	86.369
707997.2	6599109.4	7080	5990	-0.020	4874.985	979341.132	-39.754	27.759	-10.065	-22.061	89.951
707994.5	6600020.6	7080	6000	-0.019	4875.861	979342.008	-38.226	26.265	-9.524	-21.485	85.110
/D210											
/ 683731.4	6614622.8	0	2	+0.000	4871.790	979337.852	-32.265	32.239	-11.690	-11.716	104.469
/ 683731.4	6614622.8	0	2	+0.000	4871.790	979337.852	-32.265	32.239	-11.690	-11.716	104.469
/ 683731.4	6614622.8	0	2	+0.000	4871.725	979337.854	-32.263	32.239	-11.690	-11.714	104.469
/ 683731.4	6614622.8	0	2	+0.000	4871.725	979337.854	-32.263	32.239	-11.690	-11.714	104.469
/ 683731.4	6614622.8	0	2	+0.000	4871.645	979337.774	-32.343	32.239	-11.690	-11.794	104.469
/ 683731.4	6614622.8	0	2	+0.000	4871.645	979337.774	-32.343	32.239	-11.690	-11.794	104.469
/ 698071.7	6594689.8	0	3	+0.000	4875.835	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/ 698071.7	6594689.8	0	3	+0.000	4875.835	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/ 698071.7	6594689.8	0	3	+0.067	4875.835	979341.897	-42.286	29.585	-10.728	-23.429	95.868
/ 698071.7	6594689.8	0	3	+0.000	4875.768	979341.897	-42.286	29.585	-10.728	-23.429	95.868
699008.1	6592002.9	6990	5920	+0.060	4875.010	979341.072	-45.023	30.108	-10.917	-25.833	97.562
699014.8	6593004.4	6990	5930	+0.056	4875.021	979341.083	-44.295	30.070	-10.904	-25.128	97.440
699007.8	6594006.4	6990	5940	+0.051	4874.161	979340.223	-44.437	31.275	-11.340	-24.503	101.344
699001.0	6595014.6	6990	5950	+0.042	4872.547	979338.609	-45.329	33.557	-12.168	-23.940	108.740
698995.3	6596009.7	6990	5960	+0.034	4874.429	979340.491	-42.735	32.414	-11.754	-22.074	105.037
699001.0	6597010.2	6990	5970	+0.031	4873.736	979339.798	-42.712	33.984	-12.323	-21.051	110.124
698996.3	6598007.0	6990	5980	+0.028	4875.323	979341.385	-40.412	33.279	-12.067	-19.200	107.839
698993.4	6599017.1	6990	5990	+0.023	4875.463	979341.525	-39.549	32.888	-11.925	-18.587	106.571
/D209											
/ 662266.0	6614231.8	0	4	+0.000	4878.098	979343.831	-26.811	31.232	-11.325	-6.904	101.206
/ 662266.0	6614231.8	0	4	+0.000	4878.098	979343.831	-26.811	31.232	-11.325	-6.904	101.206
/ 662266.0	6614231.8	0	4	-0.032	4878.098	979343.831	-26.811	31.232	-11.325	-6.904	101.206
/ 662266.0	6614231.8	0	4	+0.000	4878.130	979343.831	-26.811	31.232	-11.325	-6.904	101.206
661996.1	6608995.2	6620	6090	-0.012	4883.243	979348.976	-25.409	30.801	-11.169	-5.776	99.810
662003.9	6609993.8	6620	6100	-0.011	4881.829	979347.562	-26.109	32.035	-11.616	-5.690	103.807
661996.9	6611996.3	6620	6120	-0.007	4880.768	979346.501	-25.740	31.053	-11.260	-5.947	100.626
662003.1	6611001.4	6620	6110	-0.010	4881.035	979346.768	-26.183	31.959	-11.589	-5.813	103.562
662005.9	6612990.7	6620	6130	-0.006	4879.559	979345.292	-26.239	31.152	-11.296	-6.383	100.945
662008.3	6614001.2	6620	6140	-0.004	4879.191	979344.924	-25.885	30.068	-10.903	-6.720	97.435
663006.7	6609003.4	6630	6090	-0.014	4882.821	979348.554	-25.814	31.856	-11.551	-5.509	103.229
663002.3	6609996.7	6630	6100	-0.015	4882.335	979348.068	-25.590	31.619	-11.465	-5.436	102.460
663004.2	6611001.0	6630	6110	-0.016	4881.109	979346.842	-26.099	32.043	-11.619	-5.675	103.834
663000.6	6612007.4	6630	6120	-0.018	4880.237	979345.970	-26.252	32.071	-11.629	-5.810	103.924
662991.8	6613006.8	6630	6130	-0.019	4879.796	979345.529	-25.980	31.131	-11.288	-6.137	100.879
663003.6	6613998.3	6630	6140	-0.020	4878.535	979344.268	-26.533	31.043	-11.256	-6.746	100.592
664014.2	6608993.2	6640	6090	-0.029	4883.586	979349.319	-25.045	30.718	-11.138	-5.466	99.539
663995.2	6609997.5	6640	6100	-0.027	4883.183	979348.916	-24.731	31.233	-11.325	-4.823	101.208
664005.7	6610990.8	6640	6110	-0.025	4881.790	979347.523	-25.414	31.730	-11.506	-5.189	102.820
663997.4	6611991.9	6640	6120	-0.024	4881.556	979347.289	-24.933	31.016	-11.246	-5.164	100.504
664003.1	6612995.7	6640	6130	-0.023	4879.617	979345.350	-26.156	31.521	-11.430	-6.064	102.141
/D210											
/ 683731.4	6614622.8	0	2	+0.000	4871.790	979337.959	-32.158	32.239	-11.690	-11.609	104.469
/ 683731.4	6614622.8	0	2	+0.000	4871.790	979337.959	-32.158	32.239	-11.690	-11.609	104.469
/ 683731.4	6614622.8	0	2	+0.000	4871.725	979337.894	-32.223	32.239	-11.690	-11.674	104.469
/ 683731.4	6614622.8	0	2	+0.000	4871.725	979337.894	-32.223	32.239	-11.690	-11.674	104.469
/ 683731.4	6614622.8	0	2	+0.000	4871.645	979337.836	-32.281	32.239	-11.690	-11.732	104.469
/ 683731.4	6614622.8	0	2	+0.000	4871.645	979337.836	-32.281	32.239	-11.690	-11.732	104.469
/ 662266.0	6614231.8	0	4	+0.000	4877.662	979343.831	-26.811	31.232	-11.325	-6.904	101.206
/ 662266.0	661423										

663981.5	6617020.3	6640	6170	+0.017	4873.412	979339.581	-29.053	31.599	-11.458	-8.911	102.395
663996.1	6617987.8	6640	6180	+0.016	4870.086	979336.255	-31.688	33.498	-12.146	-10.337	108.548
664021.2	6618999.8	6640	6190	+0.015	4868.295	979334.464	-32.757	32.755	-11.877	-11.879	106.141
664006.5	6620006.2	6640	6200	+0.014	4865.459	979331.628	-34.876	32.447	-11.765	-14.194	105.141
664004.2	6620985.7	6640	6210	+0.013	4862.918	979329.087	-36.718	32.288	-11.708	-16.138	104.627
/D211											
/ 662266.0	6614231.8	0	4	+0.000	4877.328	979343.831	-26.811	31.232	-11.325	-6.904	101.206
/ 662266.0	6614231.8	0	4	+0.000	4877.328	979343.831	-26.811	31.232	-11.325	-6.904	101.206
/ 662266.0	6614231.8	0	4	-0.004	4877.328	979343.831	-26.811	31.232	-11.325	-6.904	101.206
/ 662266.0	6614231.8	0	4	+0.000	4877.332	979343.831	-26.811	31.232	-11.325	-6.904	101.206
657027.8	6609993.2	6570	6100	-0.003	4879.487	979345.990	-27.734	31.444	-11.402	-7.692	101.892
656981.5	6610983.2	6570	6110	-0.003	4877.712	979344.215	-28.802	33.534	-12.160	-7.428	108.665
656998.7	6611955.0	6570	6120	-0.003	4875.442	979341.945	-30.378	34.859	-12.640	-8.159	112.958
656978.9	6612970.7	6570	6130	-0.003	4875.612	979342.115	-29.483	33.049	-11.984	-8.418	107.094
657002.9	6614009.5	6570	6140	-0.003	4873.132	979339.635	-31.221	34.618	-12.553	-9.156	112.177
656988.6	6615002.5	6570	6150	-0.003	4870.652	979337.155	-32.993	35.949	-13.035	-10.079	116.490
657002.5	6616002.9	6570	6160	-0.003	4869.932	979336.435	-32.999	34.854	-12.638	-10.783	112.941
657010.2	6616996.1	6570	6170	-0.003	4868.272	979334.775	-33.950	34.840	-12.633	-11.743	112.898
657020.6	6617992.7	6570	6180	-0.003	4867.212	979333.715	-34.299	34.164	-12.388	-12.523	110.705
658006.4	6609989.5	6580	6100	-0.003	4881.202	979347.705	-26.012	30.949	-11.222	-6.285	100.288
657984.9	6611034.4	6580	6110	-0.003	4879.757	979346.260	-26.710	30.966	-11.228	-6.973	100.343
657962.6	6612006.2	6580	6120	-0.003	4878.127	979344.630	-27.647	31.378	-11.378	-7.646	101.679
657980.7	6613018.0	6580	6130	-0.004	4876.926	979343.429	-28.125	32.321	-11.720	-7.524	104.735
658010.7	6614006.6	6580	6140	-0.004	4874.511	979341.014	-29.834	33.210	-12.042	-8.666	107.614
657987.7	6615004.6	6580	6150	-0.004	4872.511	979339.014	-31.122	35.196	-12.762	-8.688	114.049
657992.7	6616006.5	6580	6160	-0.003	4870.422	979336.925	-32.496	35.888	-13.013	-9.621	116.293
657984.7	6617015.5	6580	6170	-0.003	4869.282	979335.785	-32.916	34.926	-12.664	-10.654	113.177
658009.6	6618003.1	6580	6180	-0.003	4867.717	979334.220	-33.776	34.650	-12.564	-11.690	112.281
659011.7	6609981.1	6590	6100	-0.004	4881.406	979347.909	-25.803	30.205	-10.953	-6.550	97.879
658995.2	6610991.6	6590	6110	-0.004	4880.731	979347.234	-25.756	29.696	-10.768	-6.828	96.228
658997.7	6612003.9	6590	6120	-0.004	4879.316	979345.819	-26.448	30.285	-10.982	-7.145	98.138
659012.6	6613002.1	6590	6130	-0.004	4877.911	979344.414	-27.140	31.314	-11.355	-7.181	101.472
659003.8	6613983.5	6590	6140	-0.004	4875.976	979342.479	-28.375	33.646	-12.200	-6.929	109.028
658997.7	6614995.5	6590	6150	-0.004	4873.281	979339.784	-30.348	35.416	-12.842	-7.774	114.763
658988.3	6616003.0	6590	6160	-0.003	4871.327	979337.830	-31.583	36.015	-13.059	-8.627	116.703
658989.7	6616987.5	6590	6170	-0.003	4869.067	979335.570	-33.140	36.256	-13.146	-10.031	117.484
658987.7	6618008.9	6590	6180	-0.003	4868.692	979335.195	-32.787	34.115	-12.370	-11.042	110.547
658993.8	6619008.5	6590	6190	-0.003	4868.262	979334.765	-32.503	32.414	-11.753	-11.843	105.036
659004.5	6619998.7	6590	6200	-0.003	4866.757	979333.260	-33.302	32.661	-11.843	-12.484	105.837
658980.6	6620982.3	6590	6210	-0.002	4864.318	979330.821	-35.040	34.194	-12.399	-13.245	110.805
659989.9	6610004.0	6600	6100	-0.002	4881.223	979347.726	-25.959	31.221	-11.321	-6.059	101.171
660004.6	6611001.3	6600	6110	-0.002	4879.998	979346.501	-26.472	30.917	-11.211	-6.765	100.186
660003.4	6612000.3	6600	6120	-0.002	4877.863	979344.366	-27.893	32.596	-11.819	-7.117	105.624
659993.1	6613006.3	6600	6130	-0.002	4877.528	979344.031	-27.510	32.318	-11.719	-6.911	104.726
660011.5	6614006.2	6600	6140	-0.002	4876.448	979342.951	-27.876	33.666	-12.207	-6.418	109.093
660001.8	6615011.2	6600	6150	-0.002	4873.663	979340.166	-29.944	35.379	-12.828	-7.394	114.642
659991.9	6616029.4	6600	6160	-0.002	4873.243	979339.746	-29.637	33.815	-12.262	-8.084	109.576
659998.1	6617008.4	6600	6170	-0.002	4871.823	979338.326	-30.359	33.134	-12.015	-9.239	107.369
659997.9	6618003.5	6600	6180	-0.002	4869.043	979335.546	-32.429	34.142	-12.380	-10.667	110.635
659998.2	6619008.4	6600	6190	-0.002	4868.638	979335.141	-32.117	31.940	-11.582	-11.759	103.500
660000.6	6619998.8	6600	6200	-0.002	4868.593	979335.096	-31.456	30.236	-10.964	-12.183	97.979
660000.7	6620995.9	6600	6210	-0.002	4867.403	979333.906	-31.935	29.326	-10.634	-13.243	95.028
660992.7	6606996.7	6610	6070	-0.002	4880.978	979347.481	-28.342	33.179	-12.031	-7.194	107.514
661034.6	6608024.1	6610	6080	-0.002	4881.818	979348.321	-26.768	31.414	-11.391	-6.744	101.796
660997.9	6609005.4	6610	6090	-0.001	4882.134	979348.637	-25.751	30.708	-11.135	-6.178	99.508
661011.1	6609981.9	6610	6100	-0.001	4879.609	979346.112	-27.578	33.209	-12.042	-6.411	107.612
660995.1	6610988.5	6610	6110	-0.001	4878.934	979345.437	-27.534	33.469	-12.136	-6.201	108.455
661001.3	6611995.4	6610	6120	-0.001	4878.154	979344.657	-27.595	32.766	-11.881	-6.711	106.175
660983.8	6612992.7	6610	6130	-0.001	4876.869	979343.372	-28.168	33.226	-12.048	-6.990	107.667
660985.2	6613985.8	6610	6140	-0.001	4877.479	979343.982	-26.849	31.451	-11.404	-6.803	101.914
660995.5	6614988.5	6610	6150	-0.001	4874.344	979340.847	-29.268	34.667	-12.570	-7.172	112.335
660995.2	6616014.3	6610	6160	-0.001	4873.014	979339.517	-29.866	34.437	-12.487	-7.917	111.590
660997.2	6616988.7	6610	6170	-0.001	4873.219	979339.722	-28.966	31.552	-11.441	-8.855	102.241
661004.8	6618004.7	6610	6180	-0.001	4872.629	979339.132	-28.831	29.762	-10.792	-9.861	96.443
660994.5	6618990.0	6610	6190	-0.001	4869.344	979335.847	-31.414	31.721	-11.502	-11.195	102.789
661005.7	6619996.8	6610	6200	-0.001	4867.889	979334.392	-32.151	31.101	-11.277	-12.327	100.782
660999.1	6620991.5	6610	6210	-0.001	4866.794	979333.297	-32.536	30.414	-11.028	-13.151	98.555
662007.7	6606989.6	6620	6070	-0.001	4881.729	979348.232	-27.585	31.815	-11.536	-7.307	103.094
661984.3	6607999.6	6620	6080	-0.001	4882.429	979348.932	-26.164	31.503	-11.423	-6.084	102.084
662007.8	6614001.7	6620	6140	+0.000	4878.390	979344.893	-25.916	30.057	-10.899	-6.758	97.397
661997.1	6615011.5	6620	6150	+0.000	4877.355	979343.858	-26.230	30.905	-11.206	-6.532	100.145
661988.3	6615984.5	6620	6160	+0.000	4875.060	979341.563	-27.831	31.709	-11.498	-7.620	10

694496.8	6599995.8	6945	0	-0.077	4874.778	979340.895	-39.538	34.811	-12.623	-17.350	112.803
694495.4	6592010.3	6945	9200	-0.013	4873.417	979339.716	-46.433	33.360	-12.096	-25.170	108.100
694502.8	6592250.2	6945	9225	-0.016	4874.764	979341.063	-44.914	31.633	-11.470	-24.751	102.506
694496.8	6592503.3	6945	9250	-0.018	4875.392	979341.691	-44.105	30.939	-11.219	-24.385	100.255
694494.0	6592756.2	6945	9275	-0.020	4875.930	979342.229	-43.386	30.475	-11.050	-23.961	98.753
694494.0	6592996.5	6945	9300	-0.023	4876.707	979343.006	-42.437	29.509	-10.700	-23.628	95.623
694496.4	6593245.1	6945	9325	-0.025	4876.805	979343.104	-42.161	29.705	-10.771	-23.227	96.257
694507.8	6593492.8	6945	9350	-0.028	4876.562	979342.861	-42.226	30.112	-10.919	-23.033	97.577
694499.2	6593745.5	6945	9375	-0.030	4876.500	979342.799	-42.107	30.422	-11.031	-22.716	98.581
694489.4	6593998.0	6945	9400	-0.032	4876.628	979342.927	-41.799	30.723	-11.140	-22.216	99.557
694509.0	6594258.8	6945	9425	-0.034	4877.976	979344.275	-40.264	29.402	-10.661	-21.523	95.274
694490.6	6594496.8	6945	9450	-0.036	4878.574	979344.873	-39.495	29.041	-10.531	-20.985	94.107
694490.6	6594497.0	6945	9451	-0.007	4878.768	979344.885	-39.483	29.035	-10.528	-20.977	94.085
694505.7	6594755.8	6945	9475	-0.040	4878.150	979344.449	-39.734	30.040	-10.893	-20.586	97.344
694497.9	6594999.7	6945	9500	-0.043	4878.222	979344.521	-39.487	30.135	-10.927	-20.279	97.652
694497.9	6595000.1	6945	9501	-0.011	4878.444	979344.561	-39.447	30.118	-10.921	-20.250	97.597
694495.5	6595252.3	6945	9525	-0.014	4879.476	979345.593	-38.234	29.090	-10.548	-19.693	94.264
694495.3	6595496.0	6945	9550	-0.017	4879.483	979345.600	-38.053	29.380	-10.653	-19.326	95.204
694503.5	6595747.8	6945	9575	-0.020	4879.170	979345.287	-38.186	30.007	-10.881	-19.059	97.237
694506.0	6595999.6	6945	9600	-0.023	4879.367	979345.484	-37.808	29.855	-10.826	-18.779	96.744
694488.9	6596255.2	6945	9625	-0.026	4879.649	979345.766	-37.344	29.805	-10.807	-18.346	96.580
694501.7	6596492.8	6945	9650	-0.029	4879.711	979345.828	-37.111	29.714	-10.774	-18.172	96.287
694502.2	6596695.5	6945	9675	-0.034	4881.406	979347.523	-35.271	27.278	-9.891	-17.884	88.393
694500.8	6596996.9	6945	9700	-0.038	4882.187	979348.304	-34.275	26.148	-9.481	-17.608	84.732
694507.6	6597252.9	6945	9725	-0.041	4881.904	979348.021	-34.374	26.225	-9.509	-17.659	84.979
694493.4	6597495.7	6945	9750	-0.044	4881.106	979347.223	-34.999	27.395	-9.934	-17.537	88.773
694506.1	6597750.3	6945	9775	-0.047	4879.873	979345.990	-36.049	29.440	-10.675	-17.284	95.400
694503.1	6597998.1	6945	9800	-0.049	4878.166	979344.283	-37.579	32.050	-11.621	-17.151	103.856
694500.0	6598253.0	6945	9825	-0.052	4877.638	979343.755	-37.925	32.620	-11.828	-17.133	105.703
694492.4	6598510.2	6945	9850	-0.055	4877.635	979343.752	-37.744	32.350	-11.730	-17.124	104.827
694494.9	6598757.0	6945	9875	-0.058	4875.072	979341.189	-40.130	35.591	-12.905	-17.445	115.330
694501.7	6598994.2	6945	9900	-0.064	4875.726	979341.843	-39.306	34.381	-12.467	-17.392	111.409
694504.3	6599245.4	6945	9925	-0.067	4875.603	979341.720	-39.250	34.428	-12.484	-17.305	111.562
694498.6	6599500.1	6945	9950	-0.070	4875.390	979341.507	-39.280	34.627	-12.556	-17.209	112.208
694488.6	6599699.6	6945	9975	-0.074	4874.526	979340.643	-40.002	35.552	-12.891	-17.341	115.204
695014.0	6599998.1	6950	6000	-0.081	4874.464	979340.581	-39.844	35.150	-12.745	-17.440	113.900
/D213											
/ 662266.0	6614231.8	0	4	+0.000	4878.305	979343.831	-26.811	31.232	-11.325	-6.904	101.206
/ 662266.0	6614231.8	0	4	+0.000	4878.305	979343.831	-26.811	31.232	-11.325	-6.904	101.206
/ 662266.0	6614231.8	0	4	+0.157	4878.305	979343.831	-26.811	31.232	-11.325	-6.904	101.206
/ 662266.0	6614231.8	0	4	+0.000	4878.462	979343.831	-26.811	31.232	-11.325	-6.904	101.206
660000.8	6620996.2	6600	2100	-0.139	4868.441	979333.967	-31.874	29.309	-10.628	-13.192	94.975
660507.6	6609998.0	6605	1000	-0.015	4881.185	979346.711	-26.973	32.378	-11.740	-6.336	104.918
660509.6	6610255.0	6605	1025	-0.018	4881.082	979346.608	-26.892	32.474	-11.775	-6.194	105.229
660500.0	6610499.5	6605	1050	-0.020	4881.360	979346.886	-26.440	32.043	-11.619	-6.016	103.833
660498.3	6610752.7	6605	1075	-0.023	4881.172	979346.698	-26.447	32.007	-11.606	-6.046	103.718
660504.3	6610997.8	6605	1100	-0.026	4880.214	979345.740	-27.230	32.596	-11.819	-6.454	105.624
660503.8	6611256.5	6605	1125	-0.029	4879.781	979345.307	-27.478	32.350	-11.730	-6.859	104.827
660501.6	6611509.2	6605	1150	-0.032	4880.023	979345.549	-27.056	32.108	-11.643	-6.590	104.045
660518.5	6611758.7	6605	1175	-0.036	4878.934	979344.460	-27.966	33.333	-12.087	-6.720	108.014
660506.8	6612002.6	6605	1200	-0.039	4878.221	979343.747	-28.505	33.991	-12.325	-6.840	110.145
660506.4	6612249.0	6605	1225	-0.042	4878.718	979344.244	-27.832	32.970	-11.955	-6.818	106.836
660499.6	6612510.3	6605	1250	-0.044	4878.376	979343.902	-27.988	33.082	-11.996	-6.902	107.201
660497.2	6612760.7	6605	1275	-0.047	4877.803	979343.329	-28.382	33.559	-12.169	-6.992	108.745
660512.8	6612997.2	6605	1300	-0.050	4877.975	979343.501	-28.041	33.227	-12.048	-6.862	107.669
660498.4	6613266.9	6605	1325	-0.052	4876.968	979342.494	-28.856	34.326	-12.447	-6.977	111.230
660496.3	6613499.9	6605	1350	-0.054	4877.901	979343.427	-27.756	32.964	-11.953	-6.745	106.819
660496.5	6613755.9	6605	1375	-0.057	4877.358	979342.884	-28.117	33.637	-12.197	-6.677	108.998
660501.4	6613998.6	6605	1400	-0.061	4877.804	979343.330	-27.497	33.120	-12.010	-6.386	107.325
660491.9	6614259.2	6605	1425	-0.063	4878.142	979343.668	-26.973	32.327	-11.722	-6.368	104.755
660496.1	6614503.7	6605	1450	-0.065	4877.015	979342.541	-27.926	33.539	-12.161	-6.548	108.681
660500.5	6614747.8	6605	1475	-0.068	4876.227	979341.753	-28.540	34.126	-12.374	-6.788	110.582
660495.2	6615019.3	6605	1500	-0.071	4875.194	979340.720	-29.379	34.859	-12.640	-7.160	112.959
660495.7	6615260.0	6605	1525	-0.073	4875.187	979340.713	-29.214	34.424	-12.482	-7.272	111.550
660501.6	6615502.5	6605	1550	-0.076	4875.254	979340.780	-28.974	33.973	-12.319	-7.320	110.086
660492.8	6615752.5	6605	1575	-0.080	4874.900	979340.426	-29.150	33.864	-12.279	-7.565	109.735
660499.8	6616003.6	6605	1600	-0.083	4874.877	979340.403	-28.993	33.258	-12.060	-7.795	107.771
660498.9	6616256.2	6605	1625	-0.086	4874.604	979340.130	-29.086	33.003	-11.967	-8.050	106.945
660488.4	6616500.2	6605	1650	-0.088	4874.257	979339.783	-29.259	32.847	-11.910	-8.323	106.438
660490.7	6616754.6	6605	1675	-0.091	4873.964	979339.490	-29.371	32.447	-11.765	-8.689	105.143
660501.8	6617014.1	6605	1700	-0.094	4873.231	979338.757	-29.918	32.682	-11.851	-9.087	105.905
660500.1	6617253.7	6605	1725	-0.096	4873.399	979338.925	-29.579	31.744	-11.510	-9.346	102.864
660503.5	6617508.9	6605	1750	-0.099	4872.741	979338.267	-30.055	31.974	-11.594	-9.675	103.609
660495.7	6617764.6	6605	1775	-0.101	4872.774	979338.300	-29.840	31.140	-11.292	-9.991	100.908
660501.7	6617997.7	6605	1800	-0.104	4872.396	979337.922	-30.052	31.128	-11.287	-10.211	100.867
660495.5	6618248.0	6605	1825	-0.107	4872.653	979338.179	-29.616	30.280	-10.980	-10.316	98.122
660514.0	6618502.3	6605	1850	-0.110	4871.910	979337.436	-30.178	30.692	-11.129	-10.615	99.456
660508.5	6618757.2	6605	1875	-0.113	4871.442	979336.968	-30.464	30.592	-11.093	-10.964	99.133
660496.2	6619001.9	6605	1900	-0.115	4870.880	979336.406	-30.851	30.596	-11.094	-11.350	99.143
660502.0	6619247.7	6605	1925	-0.118	4869.792	979335.318	-31.764	31.411	-11.390	-11.743	101.786
660500.2	6619498.5	6605	1950	-0.121	4869.629	979335.155	-31.748	31.443	-11.401	-11.706	101.890
660504.1	6619755.6	6605	1975	-0.123	4869.812	979335.338	-31.382	30.639	-11.110	-11.853	99.283
660500.1	6620008.6	6605	2000	-0.125	4869.130	979334.656	-31.883	30.906	-11.207	-12.184	100.149
660497.1	6620258.8	6605	2025	-0.128	4868.572	979334.098	-32.263	31.122	-11.285	-12.426	100.850
660509.9	6620508.3	6605	2050	-0.130	4868.465	979333.991	-32.192	30.597	-11.095	-12.690	99.148
660488.7	6620755.4	6605	2075	-0.133	4868.397	979333.923	-32.084	29.747	-10.786	-13.123	96.394
660497.9											

Gravity Processing Results

	COORDS		GRID	drift		corr'd	obs	anom	freeair	bouguer	bouguer	height
/	E	N	x	y		meter	mgal		corr'n	corr'n	anom	(AHD)
/									(2.67)			
Northern Area												
/D197												
/	669049.4	6669166.1	0	1	+0.000	4842.858	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/	669049.4	6669166.1	0	1	+0.000	4842.858	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/	669049.4	6669166.1	0	1	+0.793	4842.858	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/	669049.4	6669166.1	0	1	+0.000	4842.065	979302.526	-29.021	37.962	-13.765	-4.823	123.015
	664999.7	6662000.8	6650	6620	+0.640	4842.365	979302.033	-34.625	36.453	-13.218	-11.390	118.125
	664999.8	6662997.2	6650	6630	+0.650	4843.065	979302.733	-33.220	36.761	-13.330	-9.789	119.122
	665002.4	6663998.0	6650	6640	+0.661	4842.236	979301.904	-33.341	38.499	-13.960	-8.802	124.754
	664988.2	6665047.2	6650	6650	+0.736	4841.621	979301.289	-33.214	39.455	-14.307	-8.065	127.853
	666006.7	6662000.1	6660	6620	+0.629	4841.849	979301.517	-35.131	36.948	-13.398	-11.580	119.728
	665998.1	6662992.2	6660	6630	+0.618	4841.813	979301.481	-34.465	38.383	-13.918	-10.000	124.377
	665999.8	6663996.5	6660	6640	+0.605	4844.390	979304.058	-31.177	36.390	-13.195	-7.983	117.920
	666002.9	6665007.2	6660	6650	+0.594	4844.174	979303.842	-30.678	36.777	-13.335	-7.237	119.173
	665997.4	6665997.1	6660	6660	+0.585	4843.565	979303.233	-30.587	37.414	-13.566	-6.740	121.237
	665991.6	6666997.3	6660	6670	+0.576	4842.711	979302.379	-30.734	37.591	-13.631	-6.774	121.811
	665982.9	6667974.8	6660	6680	+0.545	4839.560	979299.228	-33.194	40.360	-14.635	-7.468	130.784
	665995.7	6668990.1	6660	6690	+0.533	4841.138	979300.806	-30.898	37.707	-13.673	-6.864	122.187
	665996.1	6669996.8	6660	6700	+0.523	4839.303	979298.971	-32.021	39.577	-14.351	-6.795	128.246
	665997.0	6671001.0	6660	6710	+0.512	4839.517	979299.185	-31.098	38.681	-14.026	-6.443	125.343
	665997.1	6672002.9	6660	6720	+0.502	4839.117	979298.785	-30.790	38.446	-13.941	-6.284	124.583
	667001.5	6661999.6	6670	6620	+0.329	4841.069	979300.737	-35.901	38.419	-13.931	-11.413	124.495
	666997.3	6662995.8	6670	6630	+0.343	4841.853	979301.521	-34.412	38.169	-13.840	-10.083	123.685
	666998.6	6663993.5	6670	6640	+0.353	4842.658	979302.326	-32.901	38.208	-13.855	-8.547	123.812
	667004.1	6665009.4	6670	6650	+0.364	4842.464	979302.132	-32.376	38.984	-14.136	-7.528	126.326
	667006.6	6665993.3	6670	6660	+0.375	4843.350	979303.018	-30.794	37.880	-13.736	-6.649	122.749
	666995.9	6666994.7	6670	6670	+0.385	4842.820	979302.488	-30.616	37.971	-13.768	-6.414	123.042
	667006.5	6667986.5	6670	6680	+0.436	4841.291	979300.959	-31.444	38.590	-13.993	-6.846	125.049
	667011.6	6669016.7	6670	6690	+0.446	4839.606	979299.274	-32.400	39.911	-14.472	-6.961	129.330
	666993.0	6669988.9	6670	6700	+0.456	4841.501	979301.169	-29.818	37.117	-13.459	-6.160	120.275
	667010.0	6671001.6	6670	6710	+0.466	4840.706	979300.374	-29.897	37.267	-13.513	-6.143	120.762
	666999.8	6671993.5	6670	6720	+0.476	4838.836	979298.504	-31.067	38.654	-14.016	-6.428	125.257
	666995.5	6672997.6	6670	6730	+0.489	4836.649	979296.317	-32.544	40.463	-14.672	-6.754	131.117
	667993.0	6661983.3	6680	6620	+0.317	4842.032	979301.700	-34.939	38.138	-13.829	-10.630	123.584
	667992.8	6662993.3	6680	6630	+0.304	4841.914	979301.582	-34.342	38.714	-14.038	-9.665	125.451
	667998.4	6663989.2	6680	6640	+0.294	4842.709	979302.377	-32.842	38.416	-13.930	-8.355	124.486
	667994.7	6664973.7	6680	6650	+0.282	4840.712	979300.380	-34.142	41.478	-15.040	-7.705	134.406
	668001.6	6666005.0	6680	6660	+0.272	4842.667	979302.335	-31.458	38.991	-14.138	-6.605	126.348
	668007.4	6666997.7	6680	6670	+0.261	4842.736	979302.404	-30.687	38.531	-13.972	-6.127	124.859
	667994.8	6667999.1	6680	6680	+0.250	4842.500	979302.168	-30.215	37.922	-13.751	-6.044	122.883
	667994.6	6668983.1	6680	6690	+0.238	4841.408	979301.076	-30.611	38.918	-14.112	-5.805	126.111
	667995.8	6670035.8	6680	6700	+0.217	4841.752	979301.420	-29.523	37.651	-13.653	-5.524	122.007
	668000.6	6671007.8	6680	6710	+0.204	4841.149	979300.817	-29.439	37.238	-13.503	-5.704	120.669
	668001.3	6672007.9	6680	6720	+0.192	4837.842	979297.510	-32.040	40.265	-14.600	-6.375	130.475
	668003.1	6673020.8	6680	6730	+0.182	4837.147	979296.815	-32.019	40.003	-14.505	-6.522	129.626
	667983.2	6674004.6	6680	6740	+0.170	4835.735	979295.403	-32.736	40.967	-14.855	-6.624	132.751
	667994.4	6674995.7	6680	6750	+0.158	4836.908	979296.576	-30.863	38.240	-13.866	-6.489	123.916
	668000.9	6676010.1	6680	6760	+0.137	4835.462	979295.130	-31.593	38.896	-14.104	-6.801	126.041
	668994.5	6669990.9	6690	6700	+0.032	4840.017	979299.685	-31.279	40.931	-14.842	-5.190	132.635
	669007.5	6670998.0	6690	6710	+0.061	4839.341	979299.009	-31.243	40.307	-14.616	-5.552	130.613
	669004.8	6671991.3	6690	6720	+0.073	4840.033	979299.701	-29.850	37.892	-13.740	-5.697	122.788
	668994.3	6672981.6	6690	6730	+0.094	4839.249	979298.917	-29.934	37.833	-13.718	-5.819	122.596
	669005.2	6674014.8	6690	6740	+0.105	4838.535	979298.203	-29.918	37.478	-13.590	-6.030	121.445
	669002.2	6674992.3	6690	6750	+0.117	4837.722	979297.390	-30.041	37.185	-13.483	-6.339	120.496
/D198												
/	669049.4	6669166.1	0	1	+0.000	4840.735	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/	669049.4	6669166.1	0	1	+0.010	4840.735	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/	669049.4	6669166.1	0	1	+0.845	4840.725	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/	669049.4	6669166.1	0	1	+0.015	4839.880	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/	669049.4	6669166.1	0	1	+0.005	4839.865	979302.526	-29.021	37.962	-13.765	-4.823	123.015
	670999.2	6667992.8	6710	6680	+0.821	4841.581	979303.382	-28.973	39.423	-14.295	-3.845	127.749
	670992.9	6668987.5	6710	6690	+0.808	4841.033	979302.834	-28.818	39.213	-14.219	-3.824	127.066
	671004.3	6670025.9	6710	6700	+0.795	4839.190	979300.991	-29.926	39.865	-14.455	-4.516	129.181
	670998.3	6670995.4	6710	6710	+0.778	4838.558	979300.359	-29.873	38.929	-14.116	-5.060	126.148
	670998.3	6671995.6	6710	6720	+0.765	4836.000	979297.801	-31.725	40.207	-14.579	-6.097	130.288
	671007.5	6672995.5	6710	6730	+0.754	4834.074	979295.875	-32.944	40.943	-14.846	-6.848	132.672
	671996.8	6670998.3	6720	6710	+0.728	4837.568	979299.369	-30.850	39.957	-14.489	-5.382	129.479
	674997.9	6668998.8	6750	6690	+0.346	4841.251	979303.052	-28.547	38.913	-14.110	-3.744	126.094
	675003.8	6669996.1	6750	6700	+0.358	4838.483	979300.284	-30.610	40.116	-14.546	-5.041	129.992
	675004.9	6671003.8	6750	6710	+0.367	4837.542	979299.343	-30.839	39.104	-14.179	-5.915	126.713
	674992.1	6672011.4	6750	6720	+0.378	4834.518	979296.319	-33.151	40.865	-14.818	-7.104	132.421
	675003.1	6673002.5	6750	6730	+0.398	4833.483	979295.284	-33.486	40.2			

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/ 669049.4	6669166.1	0	1	+0.000	4838.665	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	+0.010	4838.665	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	+0.540	4838.655	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	+0.000	4838.115	979302.526	-29.021	37.962	-13.765	-4.823	123.015
669006.1	6668004.7	6690	6680	+0.524	4839.999	979303.870	-28.498	36.901	-13.381	-4.977	119.577
668996.2	6669011.5	6690	6690	+0.534	4838.334	979302.205	-29.451	38.477	-13.952	-4.926	124.683
668999.6	6676009.8	6690	6760	+0.132	4830.877	979294.748	-31.965	39.094	-14.176	-7.046	126.682
669997.9	6668005.0	6700	6680	+0.517	4838.707	979302.578	-29.779	39.387	-14.282	-4.674	127.632
670001.6	6669000.4	6700	6690	+0.511	4839.576	979303.447	-28.206	37.534	-13.610	-4.282	121.627
669992.9	6669998.9	6700	6700	+0.505	4837.830	979301.701	-29.247	38.736	-14.046	-4.557	125.521
669998.3	6670992.8	6700	6710	+0.499	4836.179	979300.050	-30.195	39.360	-14.272	-5.107	127.545
670002.1	6671933.6	6700	6720	+0.491	4833.606	979297.477	-32.103	41.068	-14.891	-5.927	133.077
670003.3	6672969.0	6700	6730	+0.484	4831.914	979295.785	-33.064	41.509	-15.052	-6.606	134.509
669992.3	6674001.8	6700	6740	+0.475	4832.120	979295.991	-32.129	39.748	-14.413	-6.793	128.801
669991.9	6675038.8	6700	6750	+0.115	4830.450	979294.321	-33.066	40.470	-14.675	-7.271	131.141
669995.5	6676001.4	6700	6760	+0.124	4830.409	979294.280	-32.428	39.085	-14.172	-7.515	126.653
670994.5	6661985.4	6710	6620	+0.410	4841.600	979305.471	-31.133	37.460	-13.583	-7.256	121.388
671001.9	6662999.7	6710	6630	+0.417	4841.572	979305.443	-30.443	38.253	-13.871	-6.061	123.955
670996.4	6664000.8	6710	6640	+0.425	4841.355	979305.226	-29.952	38.717	-14.039	-5.274	125.460
670997.7	6664998.3	6710	6650	+0.431	4840.521	979304.392	-30.080	39.947	-14.485	-4.618	129.447
670996.7	6665976.1	6710	6660	+0.437	4841.157	979305.028	-28.753	38.769	-14.058	-4.041	125.629
671000.6	6666997.0	6710	6670	+0.445	4840.990	979304.861	-28.198	38.277	-13.879	-3.800	124.034
671001.4	6673999.4	6710	6740	+0.100	4831.235	979295.106	-33.004	40.439	-14.663	-7.229	131.040
670994.7	6675003.0	6710	6750	+0.092	4831.472	979295.343	-32.059	38.559	-13.982	-7.482	124.947
670999.5	6675997.9	6710	6760	+0.084	4829.824	979293.695	-33.004	39.219	-14.221	-8.006	127.087
671999.7	6662005.6	6720	6620	+0.403	4841.308	979305.179	-31.400	38.185	-13.846	-7.061	123.736
671993.1	6662999.6	6720	6630	+0.396	4842.491	979306.362	-29.513	37.633	-13.646	-5.526	121.948
672003.1	6663987.7	6720	6640	+0.389	4841.454	979305.325	-29.851	39.908	-14.471	-4.414	129.318
671995.9	6664999.2	6720	6650	+0.382	4842.537	979306.408	-28.053	39.035	-14.154	-3.172	126.489
671990.1	6665989.8	6720	6660	+0.374	4841.624	979305.495	-28.265	40.013	-14.509	-2.761	129.659
671997.2	6666999.8	6720	6670	+0.364	4841.039	979304.910	-28.136	39.850	-14.450	-2.735	129.133
671996.1	6668000.6	6720	6680	+0.356	4839.501	979303.372	-28.966	40.525	-14.695	-3.136	131.319
671997.5	6669004.9	6720	6690	+0.348	4838.983	979302.854	-28.774	39.442	-14.302	-3.634	127.811
671995.8	6670012.9	6720	6700	+0.341	4836.276	979300.147	-30.769	40.843	-14.810	-4.735	132.350
671996.8	6670998.5	6720	6710	+0.294	4835.509	979299.380	-30.839	39.959	-14.489	-5.369	129.485
672002.9	6671997.2	6720	6720	+0.041	4834.421	979298.292	-31.222	39.704	-14.397	-5.915	128.658
672004.9	6672991.2	6720	6730	+0.051	4832.321	979296.192	-32.619	40.532	-14.697	-6.785	131.340
672002.0	6673991.6	6720	6740	+0.060	4830.475	979294.346	-33.759	41.255	-14.959	-7.463	133.685
672008.6	6674980.2	6720	6750	+0.068	4829.693	979293.564	-33.843	40.682	-14.752	-7.912	131.829
672004.8	6675997.5	6720	6760	+0.076	4827.836	979291.707	-34.981	41.693	-15.118	-8.406	135.105
672998.2	6669015.2	6730	6690	+0.157	4839.382	979303.253	-28.357	39.616	-14.365	-3.106	128.372
673000.4	6670001.8	6730	6700	+0.166	4836.391	979300.262	-30.650	41.009	-14.870	-4.511	132.888
673005.4	6670995.8	6730	6710	+0.174	4835.464	979299.335	-30.875	39.969	-14.493	-5.399	129.516
672996.2	6672009.9	6730	6720	+0.181	4832.836	979296.707	-32.787	41.637	-15.098	-6.247	134.922
672999.4	6673005.7	6730	6730	+0.190	4831.625	979295.496	-33.294	41.323	-14.984	-6.955	133.906
673005.6	6673995.7	6730	6740	+0.198	4831.228	979295.099	-32.992	40.019	-14.511	-7.484	129.680
672999.4	6675002.1	6730	6750	+0.206	4831.256	979295.127	-32.253	38.359	-13.909	-7.803	124.299
672987.1	6675985.6	6730	6760	+0.214	4828.409	979292.280	-34.406	40.548	-14.703	-8.561	131.392
673995.6	6669010.7	6740	6690	+0.276	4836.946	979280.817	-30.785	43.005	-15.594	-3.374	139.355
673995.3	6669997.0	6740	6700	+0.269	4834.589	979298.460	-32.445	43.619	-15.816	-4.642	141.344
674004.8	6670995.1	6740	6710	+0.262	4834.832	979298.703	-31.496	40.767	-14.782	-5.512	132.102
673989.7	6671998.5	6740	6720	+0.255	4831.740	979295.611	-33.880	42.721	-15.491	-6.649	138.435
673997.2	6672999.4	6740	6730	+0.247	4832.992	979296.863	-31.920	39.022	-14.149	-7.048	126.448
673987.4	6673992.0	6740	6740	+0.237	4832.417	979296.288	-31.795	37.985	-13.774	-7.583	123.089
673992.4	6675004.6	6740	6750	+0.229	4830.634	979294.505	-32.862	38.453	-13.943	-8.352	124.606
674005.9	6676001.0	6740	6760	+0.222	4829.202	979293.073	-33.591	38.541	-13.975	-9.025	124.890

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/ 669049.4	6669166.1	0	1	+0.000	4837.282	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	+0.000	4837.282	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	+0.397	4837.282	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	-0.003	4836.885	979302.526	-29.021	37.962	-13.765	-4.823	123.015
644998.6	6664942.3	6450	6650	+0.223	4822.678	979287.922	-46.854	38.655	-14.016	-22.216	125.258
644997.1	6665991.0	6450	6660	+0.218	4823.688	979288.932	-45.103	36.334	-13.175	-21.943	117.738
644992.1	6667013.6	6450	6670	+0.212	4822.042	979287.286	-46.025	37.784	-13.701	-21.942	122.437
644999.9	6667997.8	6450	6680	+0.207	4823.882	979289.126	-43.489	35.164	-12.751	-21.076	113.946
645011.9	6668990.5	6450	6690	+0.203	4823.688	979288.932	-42.981	35.643	-12.924	-20.262	115.500
645012.9	6669978.1	6450	6700	+0.199	4822.404	979287.648	-43.567	36.851	-13.363	-20.078	119.415
645000.9	6670989.5	6450	6710	+0.195	4822.540	979287.784	-42.716	35.561	-12.894	-20.050	115.232
644994.1	6671979.6	6450	6720	+0.190	4820.755	979285.999	-43.801	37.121	-13.460	-20.141	120.289
645981.9	6664971.9	6460	6650	+0.153	4823.268	979288.512	-46.234	37.803	-13.707	-22.139	122.497
645997.2	6666002.9	6460	6660	+0.157	4823.657	979288.901	-45.116	36.770	-13.333	-21.679	119.152
645987.6	6666993.4	6460	6670	+0.161	4823.501	979288.745	-44.571	36.747	-13.325	-21.149	119.076
645992.8	6667996.5	6460	6680	+0.165	4822.825	979288.069	-44.538	37.744	-13.686	-20.480	122.306
645989.6	6668993.3	6460	6690	+0.171	4823.506	979288.750	-43.152	37.236	-13.502	-19.418	120.662
646006.5	6669992.9	6460	6700	+0.175	4823.310	979288.554	-42.641	37.170	-13.478	-18.950	120.446
645991.8	6670989.1	6460	6710	+0.180	4821.770	979287.014	-43.477	37.799	-13.706	-19.385	122.484
646002.4	6671993.5	6460	6720	+0.184	4822.134	979287.378	-42.403	36.509	-13.238	-19.133	118.304
646997.8	6664987.5	6470	6650	+0.148	4825.163	979290.407	-44.319	36.273	-13.153	-21.198	117.541
646989.0	6665987.4	6470	6660	+0.142	4823.422	979288.666	-45.352	38.099	-13.815	-21.068	123.459
647000.3	6666995.8	6470	6670	+0.103	4824.373	979289.617	-43.688	37.079	-13.445	-20.054	120.151
647013.2	6667994.2	6470	6680	+0.099	4825.339	979290.583	-42.016	36.528	-13.245	-18.733	118.366
647002.3	6668983.3	6470	6690	+0.094	4825.274	979290.518	-41.382	36.636	-13.284	-18.030	118.717
647010.3	6669984.4	6470	6700	+0.090	4824.535	979289.779	-41.413	36.799	-13.343	-17.957	119.244
647013.3	6670995.9	6470	6710	+0.086	4821.971	979287.215	-43.262	39.113	-14.183	-18.331	126.743
646997.2	6671988.7	6470	6720	+0.081	4822.616	979287.860	-41.915	37.391	-13.558	-18.083	121.162
648004.6	6664993.6	6480	6650	+0.042	4825.087	979290.331	-44.381	38.122	-13.823	-20.082	123.532
647997.2	6665994.5	6480	6660	+0.048	4825.553	979290.797	-43.207	37.384	-13.556	-19.378	121.142
648010.6	6666992.7	6480	6670	+0.053	4825.803	979291.047	-42.265	37.754	-13.690	-18.201	122.333

648006.5	6667996.0	6480	6680	+0.058	4825.298	979290.542	-42.046	38.477	-13.952	-17.521	124.681
648008.0	6668979.6	6480	6690	+0.063	4824.478	979289.722	-42.171	38.926	-14.115	-17.359	126.139
648000.5	6669980.6	6480	6700	+0.069	4824.519	979289.763	-41.422	38.374	-13.915	-16.963	124.348
647991.8	6670997.6	6480	6710	+0.073	4823.448	979288.692	-41.774	39.166	-14.202	-16.810	126.915
648002.0	6671991.7	6480	6720	+0.077	4823.567	979288.811	-40.953	38.650	-14.015	-16.317	125.244
658005.0	6661979.1	6580	6620	+0.321	4838.316	979303.560	-33.186	34.296	-12.436	-11.326	111.134
657996.1	6662998.6	6580	6630	+0.317	4837.847	979303.091	-32.934	34.783	-12.612	-10.764	112.711
658002.9	6663990.2	6580	6640	+0.313	4836.623	979301.867	-33.456	36.092	-13.087	-10.451	116.955
658003.5	6664992.8	6580	6650	+0.309	4837.104	979302.348	-32.266	35.358	-12.821	-9.729	114.576
658004.9	6665991.7	6580	6660	+0.306	4836.306	979301.550	-32.357	36.182	-13.120	-9.295	117.246
657991.9	6667994.0	6580	6680	+0.261	4834.881	979300.125	-32.366	36.924	-13.389	-8.831	119.651
657994.4	6668974.8	6580	6690	+0.265	4833.590	979298.834	-32.964	38.444	-13.940	-8.460	124.576
657988.8	6667001.8	6580	6670	+0.239	4834.699	979299.943	-33.250	37.947	-13.760	-9.063	122.965
658006.6	6669997.0	6580	6700	+0.295	4834.460	979299.704	-31.371	37.896	-13.741	-7.216	122.800
659000.3	6661990.3	6590	6620	+0.325	4837.400	979302.644	-34.084	35.609	-12.912	-11.388	115.388
658997.5	6662994.7	6590	6630	+0.330	4836.405	979301.649	-34.369	36.575	-13.262	-11.056	118.518
659000.0	6663997.2	6590	6640	+0.334	4836.209	979301.453	-33.855	36.964	-13.403	-10.294	119.781
658993.9	6665990.3	6590	6650	+0.339	4835.034	979300.278	-34.318	38.378	-13.916	-9.856	124.362
659002.7	6665983.3	6590	6660	+0.343	4835.643	979300.887	-33.016	37.466	-13.585	-9.135	121.407
658994.5	6667006.7	6590	6670	+0.347	4833.787	979299.031	-34.148	39.766	-14.419	-8.802	128.859
659005.8	6667995.8	6590	6680	+0.352	4834.922	979300.166	-32.314	37.741	-13.685	-8.257	122.299
659007.5	6668996.8	6590	6690	+0.355	4835.115	979300.359	-31.413	37.442	-13.577	-7.548	121.329
659003.5	6669998.2	6590	6700	+0.359	4835.674	979300.918	-30.146	36.929	-13.391	-6.608	119.667
660008.0	6667000.9	6600	6670	+0.377	4836.212	979301.456	-31.717	36.684	-13.302	-8.335	118.873
660002.2	6668000.0	6600	6680	+0.373	4836.018	979301.262	-31.205	36.799	-13.343	-7.749	119.245
659988.5	6668982.8	6600	6690	+0.368	4835.368	979300.612	-31.160	37.591	-13.631	-7.200	121.811
659989.8	6669990.4	6600	6700	+0.364	4836.904	979302.148	-28.912	36.074	-13.081	-5.918	116.897
/D201											
/ 669049.4	6669166.1	0	1	+0.000	4836.432	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	+0.000	4836.432	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	+0.260	4836.432	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	+0.000	4836.172	979302.526	-29.021	37.962	-13.765	-4.823	123.015
660008.3	6661994.5	6600	6620	+0.166	4834.821	979300.915	-35.800	37.939	-13.757	-11.618	122.940
660001.2	6662998.2	6600	6630	+0.164	4835.034	979301.128	-34.877	37.442	-13.577	-11.011	121.330
660004.6	6664000.5	6600	6640	+0.161	4834.521	979300.615	-34.680	38.064	-13.802	-10.418	123.345
659993.0	6664998.0	6600	6650	+0.158	4835.383	979301.477	-33.113	36.875	-13.371	-9.609	119.492
659997.1	6665998.5	6600	6660	+0.155	4835.045	979301.139	-32.743	37.222	-13.497	-9.018	120.617
660007.9	6667001.0	6600	6670	+0.145	4835.405	979301.499	-31.674	36.701	-13.308	-8.281	118.928
661013.8	6661999.2	6610	6620	+0.118	4835.423	979301.517	-35.184	37.328	-13.535	-11.392	120.958
660992.3	6662994.7	6610	6630	+0.120	4834.165	979300.259	-35.738	39.007	-14.144	-10.875	126.399
660999.4	6663990.9	6610	6640	+0.123	4833.903	979299.997	-35.295	39.364	-14.274	-10.204	127.558
661004.7	6665010.3	6610	6650	+0.126	4835.236	979301.330	-33.241	37.647	-13.651	-9.245	121.992
661000.1	6665990.7	6610	6660	+0.128	4835.158	979301.252	-32.625	37.779	-13.699	-8.545	122.420
660998.2	6666994.4	6610	6670	+0.131	4836.301	979302.395	-30.772	36.086	-13.085	-7.772	116.933
661012.8	6668028.1	6610	6680	+0.134	4835.639	979301.733	-30.703	36.575	-13.262	-7.390	118.520
660994.9	6668993.2	6610	6690	+0.137	4836.392	979302.486	-29.268	35.681	-12.938	-6.525	115.623
661000.6	6669992.6	6610	6700	+0.140	4836.775	979302.869	-28.179	35.356	-12.820	-5.643	114.569
662001.4	6662005.6	6620	6620	+0.114	4834.539	979300.633	-36.053	38.815	-14.075	-11.313	125.779
662002.4	6662994.4	6620	6630	+0.110	4835.495	979301.589	-34.398	37.767	-13.695	-10.325	122.382
661992.4	6663990.2	6620	6640	+0.108	4836.718	979302.812	-32.470	36.213	-13.131	-9.388	117.346
662011.6	6664990.0	6620	6650	+0.105	4835.485	979301.579	-32.995	37.731	-13.681	-8.946	122.265
662007.8	6665993.1	6620	6660	+0.102	4836.067	979302.161	-31.704	36.718	-13.314	-8.300	118.981
661999.0	6666993.7	6620	6670	+0.097	4838.067	979304.161	-28.996	34.097	-12.364	-7.263	110.490
661999.5	6667994.9	6620	6680	+0.094	4836.054	979302.148	-30.301	36.339	-13.177	-7.139	117.754
662002.0	6668997.5	6620	6690	+0.091	4835.541	979301.635	-30.106	36.983	-13.410	-6.533	119.840
661989.4	6669978.7	6620	6700	+0.089	4834.884	979300.978	-30.069	37.975	-13.770	-5.864	123.057
663000.9	6662000.2	6630	6620	+0.061	4836.246	979302.340	-34.340	36.531	-13.246	-11.055	118.376
663001.5	6662999.1	6630	6630	+0.064	4835.954	979302.048	-33.925	37.323	-13.533	-10.135	120.943
663009.0	6663992.5	6630	6640	+0.067	4835.952	979302.046	-33.224	37.407	-13.564	-9.381	121.216
662966.1	6665033.4	6630	6650	+0.070	4834.415	979300.509	-34.025	39.151	-14.196	-9.070	126.867
662996.4	6666000.9	6630	6660	+0.073	4836.988	979303.082	-30.767	35.646	-12.926	-8.046	115.510
662995.9	6666999.0	6630	6670	+0.076	4836.441	979302.535	-30.608	36.122	-13.098	-7.584	117.051
662994.3	6667996.0	6630	6680	+0.079	4835.309	979301.403	-31.035	37.329	-13.535	-7.242	120.961
662996.4	6668993.2	6630	6690	+0.082	4835.407	979301.501	-30.232	36.794	-13.342	-6.780	119.228
663007.3	6669996.4	6630	6700	+0.085	4835.275	979301.369	-29.655	36.924	-13.389	-6.120	119.651
664002.0	6661996.4	6640	6620	+0.058	4834.753	979300.847	-35.825	38.315	-13.893	-11.403	124.156
664004.4	6662995.2	6640	6630	+0.055	4836.280	979302.374	-33.591	36.894	-13.378	-10.075	119.553
663992.6	6663987.9	6640	6640	+0.052	4835.722	979301.816	-33.447	37.889	-13.739	-9.296	122.777
664001.6	6664997.9	6640	6650	+0.049	4836.879	979302.973	-31.575	36.332	-13.174	-8.417	117.731
664003.9	6665990.4	6640	6660	+0.046	4835.876	979301.970	-31.876	37.368	-13.550	-8.057	121.090
663999.8	6666997.3	6640	6670	+0.044	4835.389	979301.483	-31.651	37.677	-13.662	-7.636	122.090
664007.6	6667990.4	6640	6680	+0.040	4835.005	979301.099	-31.333	37.746	-13.687	-7.274	122.313
664001.6	6668977.3	6640	6690	+0.037	4833.822	979299.916	-31.818	38.813	-14.074	-7.078	125.772
664010.0	6670001.5	6640	6700	+0.033	4834.918	979301.012	-29.998	36.957	-13.401	-6.441	119.758
664988.3	6665047.9	6650	6650	+0.014	4835.219	979301.313	-33.189	39.449	-14.304	-8.044	127.833
665001.1	6666008.0	6650	6660	+0.017	4835.612	979301.706	-32.117	38.428	-13.934	-7.623	124.525
665004.3	6667000.5	6650	6670	+0.022	4835.442	979301.536	-31.585	37.839	-13.721	-7.467	122.616
665003.9	6667995.4	6650	6680	+0.025	4834.770	979300.864	-31.553	38.185	-13.846	-7.214	123.737
664997.7	6668996.8	6650	6690	+0.027	4834.777	979300.871	-30.839	37.600	-13.634	-6.873	121.839
664994.0	6669995.1	6650	6700	+0.030	4834.570	979300.664	-30.340	37.346	-13.542	-6.536	121.017
669003.1	6661998.4	6690	6620	+0.176	4836.801	979302.895	-33.722	37.942	-13.758	-9.538	122.948
669005.4	6662999.1	6690	6630	+0.179	4837.869	979303.963	-31.946	37.044	-13.432	-8.334	120.039
668993.4	6664004.5	6690	6640	+0.182	4837.912	979304.006	-31.191	37.292	-13.522	-7.422	120.841
668999.5	6664995.8	6690	6650	+0.185	4837.385	979303.479	-31.017	38.087	-13.811	-6.740	123.419
668997.5	6665991.7	6690	6660	+0.188	4837.498	979303.592	-30.200	37.994	-13.777	-5.983	123.117
668999.7	6667002.2	6690	6670	+0.192	4836.462	979302.556	-30.521	39.089	-14.174	-5.606	126.665
6											

670000.6	6663989.3	6700	6640	+0.224	4838.574	979304.668	-30.529	37.957	-13.764	-6.335	122.999
669991.5	6665003.3	6700	6650	+0.220	4839.020	979305.114	-29.366	37.010	-13.420	-5.776	119.928
669974.6	6665963.3	6700	6660	+0.217	4836.752	979302.846	-30.955	39.966	-14.492	-5.481	129.506
669994.6	6666999.3	6700	6670	+0.211	4836.591	979302.685	-30.383	39.695	-14.394	-5.082	128.630
669997.9	6668005.0	6700	6680	+0.204	4836.489	979302.583	-29.774	39.372	-14.276	-4.678	127.583
/D202											
/ 669049.4	6669166.1	0	1	+0.000	4835.475	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	+0.000	4835.475	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	+0.020	4835.475	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	+0.000	4835.455	979302.526	-29.021	37.962	-13.765	-4.823	123.015
646508.1	6665244.8	6465	6525	+0.004	4822.369	979289.420	-45.128	36.964	-13.403	-21.567	119.781
646510.7	6665487.3	6465	6550	+0.005	4821.320	979288.371	-46.006	38.182	-13.845	-21.668	123.728
646504.1	6665742.5	6465	6575	+0.005	4822.240	979289.291	-44.905	36.868	-13.369	-21.406	119.469
646509.6	6665992.6	6465	6600	+0.006	4821.361	979288.412	-45.607	38.036	-13.792	-21.364	123.252
646500.8	6666242.7	6465	6625	+0.006	4821.726	979288.777	-45.065	37.522	-13.606	-21.149	121.588
646501.9	6664987.9	6465	6500	+0.004	4822.109	979289.160	-45.570	37.488	-13.593	-21.675	121.478
646499.1	6666491.5	6465	6650	+0.006	4822.426	979289.477	-44.189	36.466	-13.223	-20.946	118.165
646501.9	6666748.6	6465	6675	+0.007	4821.892	979288.943	-44.541	36.749	-13.325	-21.118	119.083
646504.7	6666989.7	6465	6700	+0.007	4822.317	979289.368	-43.946	36.533	-13.247	-20.660	118.383
646499.8	6667243.4	6465	6725	+0.008	4822.083	979289.134	-44.001	36.878	-13.372	-20.495	119.501
646513.2	6667491.7	6465	6750	+0.008	4822.138	979289.189	-43.770	36.930	-13.391	-20.231	119.668
646503.6	6667748.2	6465	6775	+0.008	4822.148	979289.199	-43.579	37.018	-13.423	-19.984	119.954
646500.9	6667989.1	6465	6800	+0.009	4822.794	979289.845	-42.762	36.263	-13.149	-19.648	117.509
646498.9	6668240.2	6465	6825	+0.009	4822.544	979289.595	-42.835	36.875	-13.371	-19.331	119.491
646508.3	6668493.8	6465	6850	+0.009	4823.064	979290.115	-42.135	36.462	-13.221	-18.895	118.152
646498.5	6668741.9	6465	6875	+0.010	4823.165	979290.216	-41.859	36.277	-13.154	-18.737	117.552
646498.3	6668994.7	6465	6900	+0.010	4822.555	979289.606	-42.290	37.773	-13.697	-18.214	122.402
646506.0	6669242.1	6465	6925	+0.011	4822.951	979290.002	-41.719	37.214	-13.494	-17.999	120.591
646496.1	6669490.0	6465	6950	+0.011	4822.706	979289.757	-41.789	37.334	-13.538	-17.993	120.979
646497.4	6669747.2	6465	6975	+0.011	4822.671	979289.722	-41.642	37.284	-13.519	-17.878	120.815
646495.5	6669990.4	6465	7000	+0.012	4821.542	979288.593	-42.599	37.928	-13.753	-18.424	122.905
646495.8	6670243.2	6465	7025	+0.012	4821.392	979288.443	-42.571	37.720	-13.678	-18.528	122.231
646497.1	6670494.8	6465	7050	+0.013	4820.928	979287.979	-42.857	38.046	-13.796	-18.606	123.287
646494.9	6670743.1	6465	7075	+0.013	4821.063	979288.114	-42.546	37.388	-13.557	-18.716	121.153
646504.5	6670995.3	6465	7100	+0.013	4820.328	979287.379	-43.103	38.157	-13.836	-18.782	123.645
646494.7	6671240.4	6465	7125	+0.014	4819.039	979286.090	-44.219	39.420	-14.294	-19.093	127.739
646507.8	6671439.0	6465	7150	+0.014	4819.259	979286.310	-43.858	38.997	-14.141	-19.002	126.368
646495.1	6671744.1	6465	7175	+0.014	4820.529	979287.580	-42.373	36.899	-13.380	-18.854	119.569
646509.2	6671987.9	6465	7200	+0.015	4820.215	979287.266	-42.514	37.290	-13.522	-18.746	120.836
646998.2	6664986.7	6470	6650	+0.017	4823.412	979290.463	-44.263	36.156	-13.110	-21.218	117.161
/D203											
/ 669049.4	6669166.1	0	1	+0.000	4835.165	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	+0.000	4835.165	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	+0.027	4835.165	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	+0.000	4835.138	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 683731.4	6614622.8	0	2	+0.000	4870.528	979337.889	-32.228	32.239	-11.690	-11.679	104.469
/ 683731.4	6614622.8	0	2	+0.000	4870.528	979337.889	-32.228	32.239	-11.690	-11.679	104.469
/ 683731.4	6614622.8	0	2	+0.000	4870.490	979337.878	-32.239	32.239	-11.690	-11.690	104.469
/ 683731.4	6614622.8	0	2	+0.000	4870.490	979337.878	-32.239	32.239	-11.690	-11.690	104.469
670498.1	6661997.9	6705	6200	+0.014	4837.494	979304.855	-31.746	37.832	-13.718	-7.632	122.592
670505.0	6662245.5	6705	6225	+0.014	4837.749	979305.110	-31.316	37.613	-13.639	-7.341	121.882
670495.7	6662498.1	6705	6250	+0.013	4836.843	979304.204	-32.043	38.897	-14.104	-7.250	126.043
670501.6	6662747.8	6705	6275	+0.013	4838.333	979305.694	-30.376	37.047	-13.433	-6.762	120.049
670501.7	6662985.8	6705	6300	+0.012	4838.022	979305.383	-30.519	37.551	-13.616	-6.584	121.681
670500.6	6663246.7	6705	6325	+0.012	4837.972	979305.333	-30.384	37.770	-13.696	-6.309	122.393
670504.8	6663499.3	6705	6350	+0.011	4837.231	979304.592	-30.946	38.758	-14.054	-6.242	125.594
670496.8	6663745.3	6705	6375	+0.011	4838.261	979305.622	-29.742	37.507	-13.600	-5.835	121.540
670504.7	6664000.1	6705	6400	+0.010	4838.185	979305.546	-29.638	37.533	-13.610	-5.715	121.623
670496.3	6664247.0	6705	6425	+0.010	4838.175	979305.536	-29.473	37.485	-13.592	-5.581	121.467
670501.4	6664496.0	6705	6450	+0.009	4838.119	979305.480	-29.353	37.570	-13.623	-5.406	121.742
670495.2	6664737.0	6705	6475	+0.009	4837.424	979304.785	-29.878	38.448	-13.941	-5.371	124.587
670500.7	6664995.7	6705	6500	+0.008	4837.358	979304.719	-29.761	38.567	-13.985	-5.178	124.974
670497.8	6665248.8	6705	6525	+0.008	4837.633	979304.994	-29.307	38.106	-13.817	-5.018	123.481
670500.3	6665495.2	6705	6550	+0.008	4836.898	979304.259	-29.867	38.945	-14.122	-5.044	126.198
670496.6	6665746.1	6705	6575	+0.007	4836.417	979303.778	-30.171	39.331	-14.262	-5.101	127.451
670501.0	6665995.0	6705	6600	+0.007	4836.647	979304.008	-29.765	38.959	-14.127	-4.933	126.243
670496.9	6666244.3	6705	6625	+0.006	4836.656	979304.017	-29.580	38.888	-14.101	-4.793	126.013
670504.1	6666496.8	6705	6650	+0.006	4836.911	979304.272	-29.146	38.481	-13.954	-4.618	124.697
670500.4	6666745.1	6705	6675	+0.005	4836.635	979303.996	-29.246	38.706	-14.035	-4.575	125.425
670515.4	6666994.5	6705	6700	+0.005	4836.295	979303.656	-29.410	39.122	-14.186	-4.473	126.774
670495.7	6667245.3	6705	6725	+0.005	4836.360	979303.721	-29.168	38.947	-14.122	-4.343	126.206
670495.7	6667497.0	6705	6750	+0.004	4836.169	979303.530	-29.181	39.105	-14.180	-4.255	126.717
670499.3	6667747.4	6705	6775	+0.004	4835.414	979302.775	-29.759	39.851	-14.450	-4.358	129

670497.8	6671999.7	6705	7200	+0.024	4831.524	979298.885	-30.643	38.868	-14.094	-5.869	125.949
670504.1	6672245.7	6705	7225	+0.024	4831.564	979298.925	-30.429	38.443	-13.940	-5.926	124.573
670507.7	6672550.1	6705	7250	+0.025	4829.975	979297.336	-31.803	40.005	-14.506	-6.305	129.633
670504.1	6672746.4	6705	7275	+0.025	4830.710	979298.071	-30.930	38.748	-14.050	-6.232	125.560
/D204											
/ 669049.4	6669166.1	0	1	+0.000	4835.158	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	+0.000	4835.158	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	-0.087	4835.158	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 669049.4	6669166.1	0	1	+0.000	4835.245	979302.526	-29.021	37.962	-13.765	-4.823	123.015
/ 683731.4	6614622.8	0	2	+0.000	4870.450	979337.818	-32.299	32.239	-11.690	-11.750	104.469
/ 683731.4	6614622.8	0	2	+0.000	4870.450	979337.818	-32.299	32.239	-11.690	-11.750	104.469
/ 683731.4	6614622.8	0	2	+0.000	4870.588	979337.869	-32.248	32.239	-11.690	-11.699	104.469
/ 683731.4	6614622.8	0	2	+0.000	4870.588	979337.869	-32.248	32.239	-11.690	-11.699	104.469
/ 683731.4	6614622.8	0	2	+0.000	4870.630	979337.911	-32.206	32.239	-11.690	-11.657	104.469
/ 683731.4	6614622.8	0	2	+0.000	4870.630	979337.911	-32.206	32.239	-11.690	-11.657	104.469
670504.1	6672746.3	6705	7275	-0.011	4830.729	979298.097	-30.904	38.751	-14.051	-6.204	125.571
670503.1	6672997.3	6705	7300	-0.014	4830.346	979297.714	-31.110	38.802	-14.070	-6.377	125.737
670500.7	6673248.7	6705	7325	-0.017	4829.373	979296.741	-31.905	39.762	-14.418	-6.561	128.847
670509.1	6673497.5	6705	7350	-0.021	4828.114	979295.482	-32.988	41.008	-14.870	-6.850	132.885
670516.5	6673745.3	6705	7375	-0.025	4825.870	979293.238	-35.057	43.540	-15.788	-7.305	141.090
670509.5	6673998.0	6705	7400	-0.028	4827.857	979295.225	-32.892	40.561	-14.708	-7.038	131.437
670499.7	6674246.6	6705	7425	-0.030	4827.635	979295.003	-32.938	40.382	-14.643	-7.199	130.856
670502.1	6674503.7	6705	7450	-0.032	4826.758	979294.126	-33.634	41.089	-14.899	-7.443	133.147
670493.4	6674748.5	6705	7475	-0.035	4826.795	979294.163	-33.424	40.681	-14.751	-7.494	131.825
670500.7	6674992.3	6705	7500	-0.038	4827.137	979294.505	-32.910	39.810	-14.435	-7.535	129.001
670505.4	6675508.5	6705	7550	-0.041	4826.289	979293.657	-33.393	40.245	-14.593	-7.741	130.411
670494.2	6675246.9	6705	7525	-0.055	4826.095	979293.463	-33.772	40.899	-14.830	-7.703	132.532
670506.8	6675746.1	6705	7575	-0.044	4827.451	979294.819	-32.063	38.375	-13.915	-7.603	124.351
670504.8	6675993.1	6705	7600	-0.047	4827.198	979294.566	-32.142	38.294	-13.885	-7.734	124.088
667994.7	6664974.0	6680	6650	-0.077	4832.988	979300.356	-34.166	41.475	-15.039	-7.730	134.397

Minotaur Resources Ltd

247 Greenhill Rd, Dulwich 5065, South Australia

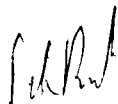
Tel: +61 8 8366 6000 Fax: +61 8 8366 6001

website www.minotaurresources.com.auemail admin@minotaurexploration.com.au

Dear Mineral Registration

We would like to apply for joint reporting status for EL2931 (Acropolis South) and EL2932 (Roxby North). Each tenement has recently undergone a 25%+ partial relinquishment as part of the renewal process. ~~As a result of this, Minotaur would like to submit a combined annual and partial relinquishment report.~~ All data therefore from the first annual report is to ~~become open file in order to satisfy the relinquishment reporting guidelines.~~

Kind Regards



Peter Reid
Minotaur Resources



MERFF

R2003/01277

