

Open File Envelope

No. 11,208

EL 3236

IRON BARON

FIRST PARTIAL SURRENDER REPORT FOR THE PERIOD 2/9/2004 TO 12/5/2006

Submitted by
Minotaur Exploration Ltd
2006

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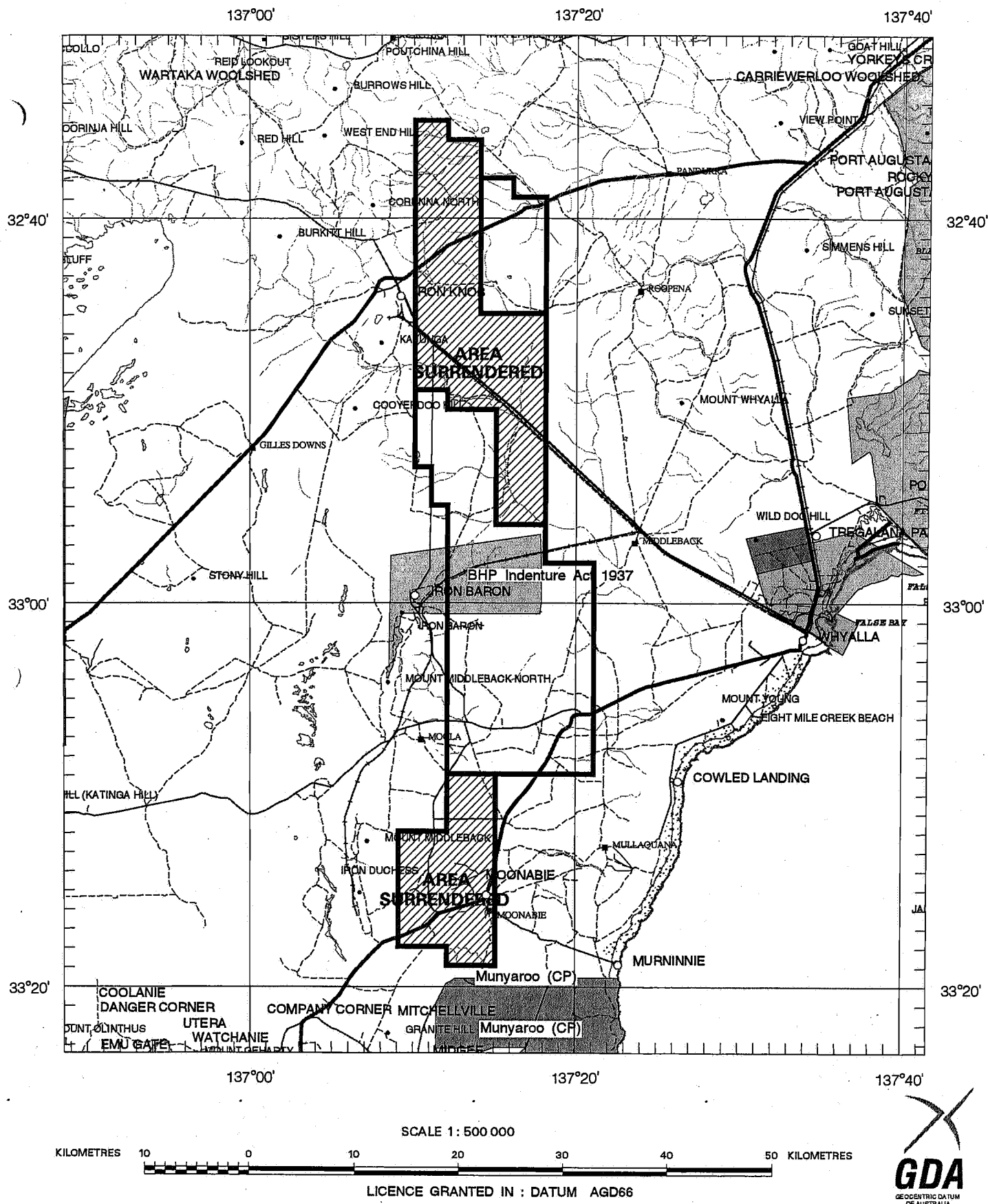
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Government of South Australia
Primary Industries and Resources SA

SCHEDULE A



APPLICANT : **RESOURCE AND CAPITAL MANAGEMENT SA PTY LTD**

FILE REF : **47/04**

TYPE : **MINERAL ONLY**

AREA : **413 km² (approx.)**

1:250000 MAPSHEETS : **PORT AUGUSTA WHYALLA**

LOCALITY : **IRON BARON AREA - Approximately 30 km west of Whyalla**

DATE GRANTED : **02-Sep-2004**

DATE EXPIRED : **01-Sep-2006**

EL NO : **3236**

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EXPLORATION LICENCE 3236 (IRON BARON)
PARTIAL RELINQUISHMENT REPORT
TO 12 MAY 2006

T.E. Mayer
Senior Geologist

August 2006

1:250,000 sheets
Port Augusta SI 53-04
Whyalla SI 53-08
1:100,000 sheets
Middleback 6331
Roopena 6332

Distribution (1 hard copy and 1 CD):
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SUMMARY

- EL 3236 was granted to Resource and Capital Management SA Pty Ltd on 2 September 2004.
- Under the terms of the Roopena Joint Venture dated 8 November 2004, Minotaur Operations Pty Ltd took over as Operator on EL 3236.
- Minotaur Exploration Ltd conducted a regional gravity survey over the Iron Baron tenement and on adjacent Roopena and Pandurra tenements. Gravity data was merged with previous survey data and interpreted by Minotaur geophysicists.
- The area of EL 3236 was reduced to 413km² on 12th May 2006.
- This report describes exploration undertaken on the relinquished portion of EL 3236.

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1. INTRODUCTION

This report describes exploration undertaken over the portion of EL 3236 relinquished on 12 May 2006. Work completed within the relinquished area was limited to a gravity survey, part of a regional gravity survey undertaken by Haines Surveys over the Iron Baron tenement and the adjacent Roopena and Pandurra tenements.

EL 3236 is held by Resource and Capital Management SA Pty Ltd. Minotaur Exploration Ltd, through its 100% owned subsidiary, Minotaur Operations Pty Ltd, under the terms of the Roopena Joint Venture dated 8 November 2004, took over as Operator of EL 3236 from Peninsula Minerals Limited.

2. LOCATION AND ACCESS

Exploration Licence 3236 is located on the Port Augusta and Whyalla 1:250,000 map sheets and is approximately 30 kilometres west of Whyalla on Eyre Peninsula. Access is via sealed roads including the Eyre Highway, Lincoln Highway, Whyalla to Iron Knob road and along unsealed roads and pastoral tracks. Figure 1 shows the location of EL 3236 and the relinquished area.

3. TENURE

Iron Baron EL 3236, with an area of 822km², was granted to Resource and Capital Management SA Pty Ltd on 2nd September 2004 for a period of 1 year. Resource and Capital Management SA Pty Ltd is a 100% owned subsidiary of Peninsula Minerals Limited (formerly Kanowna Lights Limited). Under the terms of the Roopena joint venture, Minotaur Operations Pty Ltd, a 100% owned subsidiary of Minotaur Exploration Ltd (Minotaur) became the operator from 8th November 2004. Application for renewal was lodged on 12th May 2006. The licence was renewed on 17th May 2006, with a reduced area of 413km². The current EL 3236 expires on 1st September 2006.

The renewal and reduction of the area of EL 3236 had been deferred pending the finalisation of formalities associated with the listing of Toro Energy Ltd. The uranium exploration rights over the tenement had been divested to Toro Energy Ltd by Resource and Capital Management SA Pty Ltd and Minotaur Exploration Ltd.

4. REGIONAL GEOLOGY AND TECTONICS

EL 3236 covers part of the Southern Gawler Craton on northeastern Eyre Peninsula. In this region basement comprises Palaeoproterozoic Hutchison Group metasediments, dominantly quartzites, metapelites, carbonates and iron formations, along with minor amphibolites. Locally developed younger Palaeoproterozoic volcanics and clastic sediments (Myola Volcanics, Broadview Schist, Moonabie Formation and McGregor Volcanics) overlie the Hutchison Group metasediments.

The Palaeoproterozoic sequences are unconformably overlain by dominantly acid volcanics of the Mesoproterozoic Gawler Range Volcanics and are intruded by the co-magmatic (with Gawler Range Volcanics) Hiltaba Suite granites.

The Proterozoic rocks are commonly blanketed by Cainozoic sediments (including widespread alluvial and aeolian sands) and soils, with calcrete developed locally.

Outcrop geology, based on the Port Augusta (SI53-4) and Whyalla (SI53-8) 1:250 000 map sheets, is shown in Figure 2.

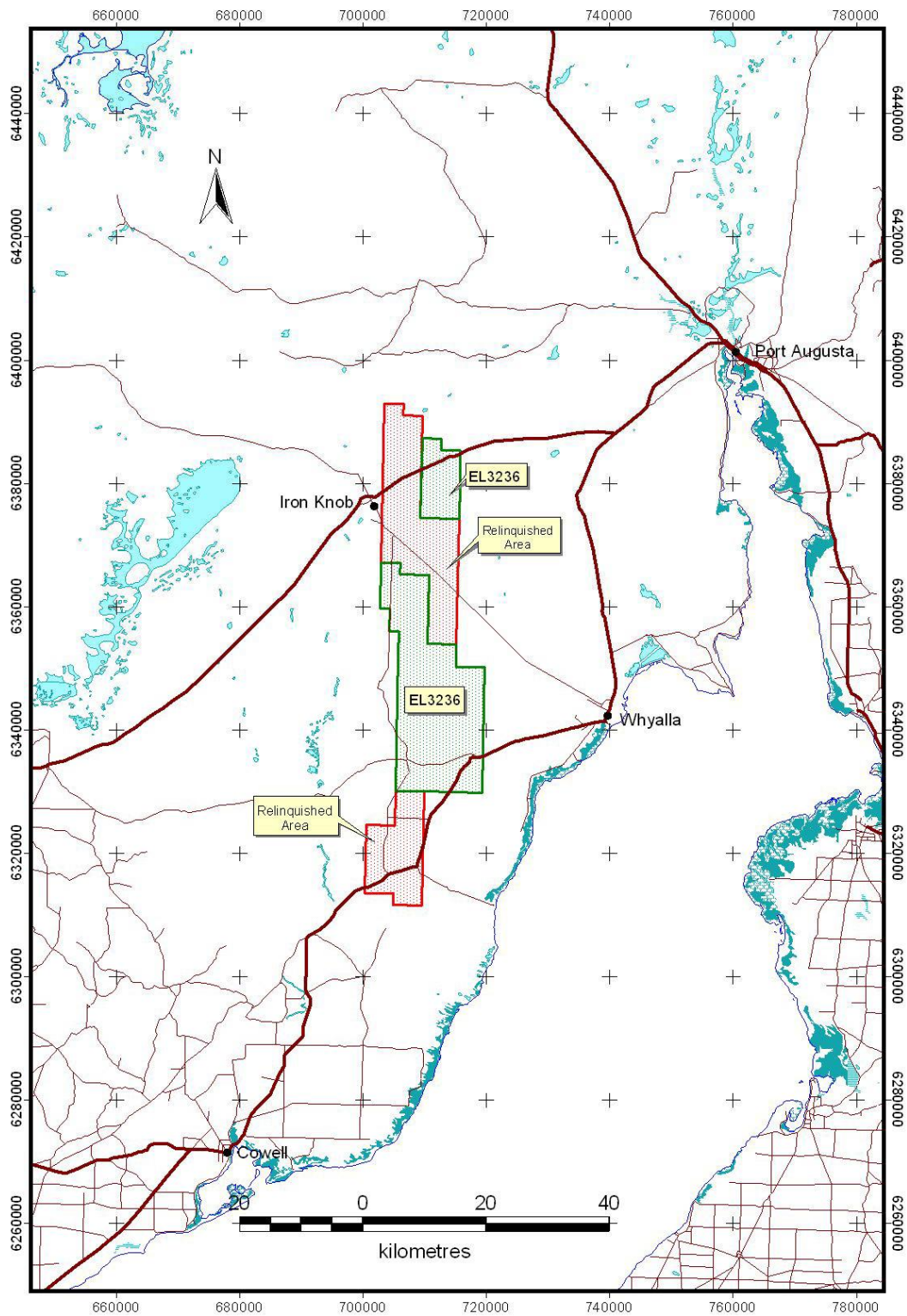


Figure 1: EL 3236 Iron Baron Location Plan

5. LOCAL GEOLOGY

The stratigraphy of the Iron Baron EL 3236 project area and the surrounding Roopena district (Wood and Robinson, 2005) comprises two volcanic-sedimentary cycles — a sequence of Palaeoproterozoic acid volcanics (Myola Volcanics), schists and quartzites (Broadview Schist) and a younger sequence of bimodal volcanics (McGregor Volcanics), grits and conglomerates (Moonabie Formation) and fine-grained siltstones (Wandearah Metasiltstone).

The Myola Volcanics and Broadview Schist unconformably overlie Hutchison Group metasediments. The McGregor Volcanics and Moonabie Formation are correlated on the basis of geochronology with the Moonta Porphyry and Doora Schist. This stratigraphic package occupies a north-south belt immediately east of the Middleback Ranges and west of Whyalla and is fault bounded on both its western and eastern margins. An intracratonic rift setting is the most likely environment of deposition.

The Mesoproterozoic Roopena Volcanics (Weste, 1995, 1996) unconformably overlie the Wandearah Metasiltstone or Moonabie Formation in the vicinity of Roopena Homestead some six kilometres east of the EL boundary. Gawler Range Volcanics (Nonning Rhyodacite) unconformably overlie Broadview Schist a few kilometres north and northwest of the tenement.

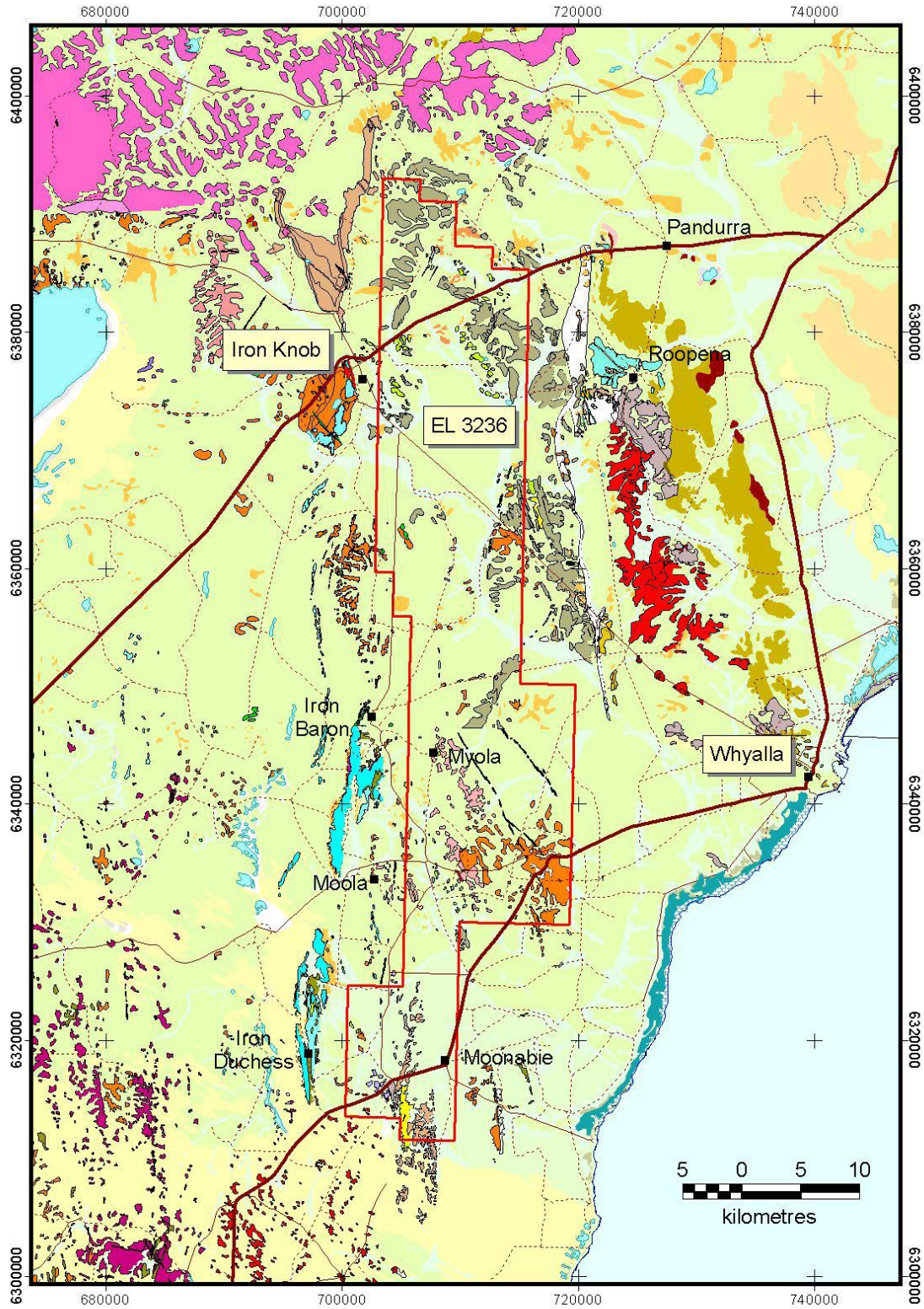


Figure 2: Outcrop geology of the Iron Baron area, after Dalgarno et al. (1968) and Parker (1983)

6. PREVIOUS WORK

The area covered by EL 3236 has been explored for a range of commodities (including uranium, base metals, gold and diamonds) by a diverse array of major and junior explorers over the past 40 years. However, only two companies, BHP Company Ltd (PIRSA open file envelope No. 2069) and PNC Exploration (Australia) Pty Ltd (PIRSA open file envelope No. 6778), drilled any holes within the boundaries of the current EL 3236. Drill hole locations are shown in Figure 3.

During the period 1993 to 2000, WMC Resources Ltd (WMC) and subsequent Joint Venture partner, Normandy Gold Exploration Pty Ltd (Normandy) conducted iron-oxide copper-gold exploration peripheral to the current EL 3236 (on EL 1775, EL 2079 and EL 2559) targeting the Broadview Schist, Moonabie Formation and associated Hiltaba Suite intrusions (PIRSA open file envelope No. 8633). Investigations comprised rock and lag sampling, aeromagnetic infill, IP, TEM, ground magnetic and gravity surveys, auger, RC and diamond drill testing and petrography. This work resulted in the delineation of several copper $\pm$ gold prospects to the east, northeast and north of EL 3236.

Broad low grade copper and gold mineralisation was encountered at the Spencer prospect in altered quartzite units of the Moonabie Schist adjacent to the Spencer Fault. The Spencer prospect is situated adjacent to the Eyre Highway immediately east of EL 3236 (Figure 3). WMC/Normandy concluded that the mineralisation was related to a late stage, shallow, hydrothermal/epithermal event and that there was little chance of delineating an economic resource. The possibility remains that mineralisation of the Spencer type is a manifestation of remobilisation from an earlier mineralised IOCG body at depth and/or along a related fracture system.

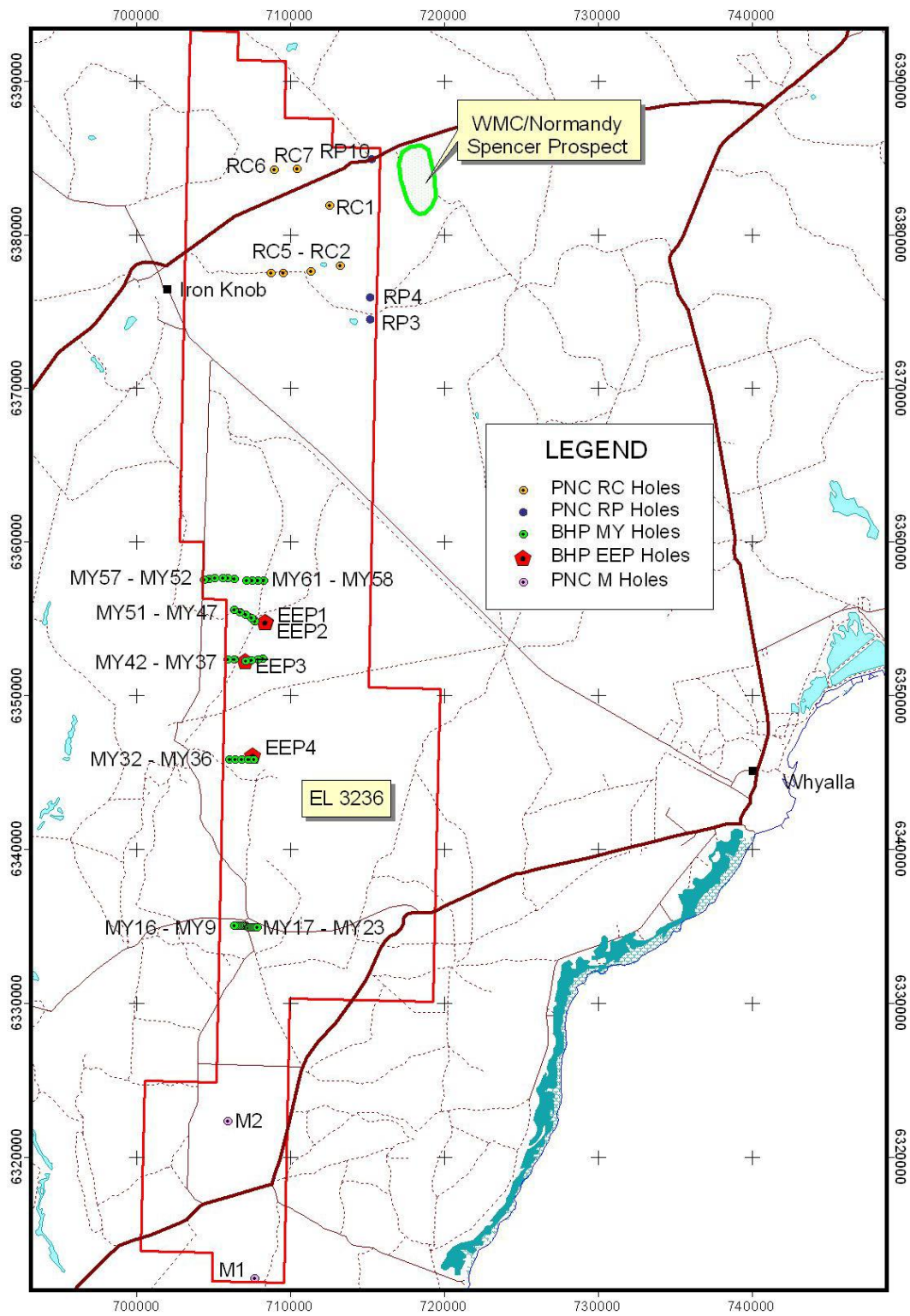


Figure 3: Previous Drilling on EL 3236

7. CURRENT EXPLORATION

A regional gravity survey was undertaken by Haines Surveys over Iron Baron EL 3236 and adjacent Roopena and Pandurra tenements. The purpose of the gravity survey was to identify potential IOCG targets through the detection of the dense iron alteration halo surrounding IOCG mineralisation.

7.1. GRAVITY SURVEY

Gravity readings were taken at 874 stations by Haines Surveys over EL 3236 from the 18th of August to the 28th of September 2005. Of these, 190 stations are located within the relinquished areas (Figure 4 and Digital File EL3236_2006_P_02_GravitySurvey.txt). Gravity readings were generally taken at 2km by 1km intervals, with some infill readings over areas of interest. Production rates were slow, partly due to the weather but mostly due to the survey crossing numerous property boundaries. All data was collected in GDA94 MGA53 datum and projection. All maps in this report are based on the GDA94, MGA53 datum and projection.

The Haines Surveys gravity data was merged with data from previous surveys, gridded and interpreted by Minotaur geophysicists.

7.2. SURVEY RESULTS

One previously untested gravity anomaly (Target D) was identified within the southern relinquished area of the Iron Baron tenement (Figure 5). Target D is a weakly anomalous 1-2mgals target and appears to be part of a broad regional trend rather than an isolated anomaly. Figure 6 shows outcropping basement geology over the residual gravity image.

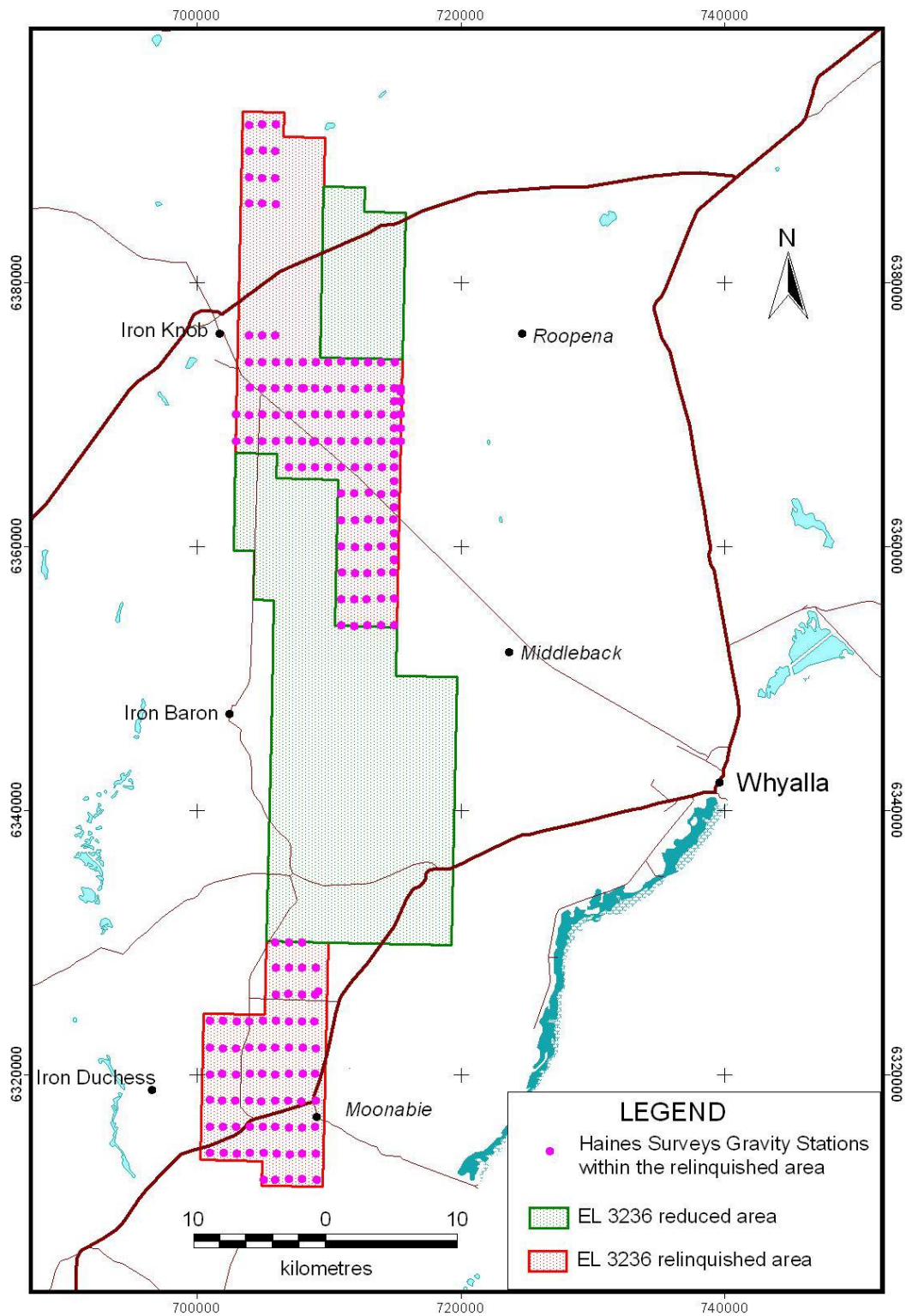


Figure 4. EL 3236: Haines Surveys gravity station locations within the relinquished areas

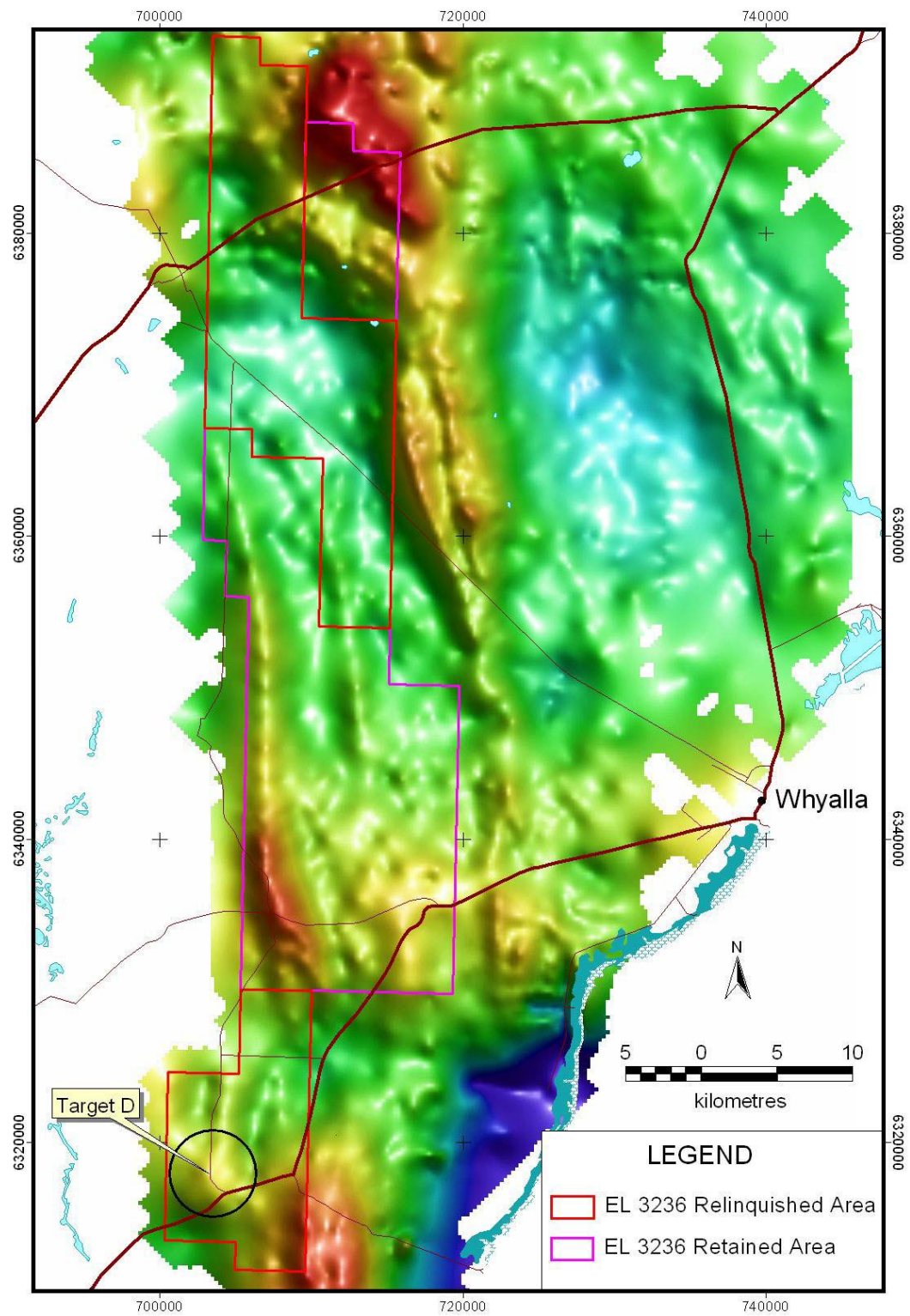


Figure 5. Iron Baron residual gravity image and Target D location

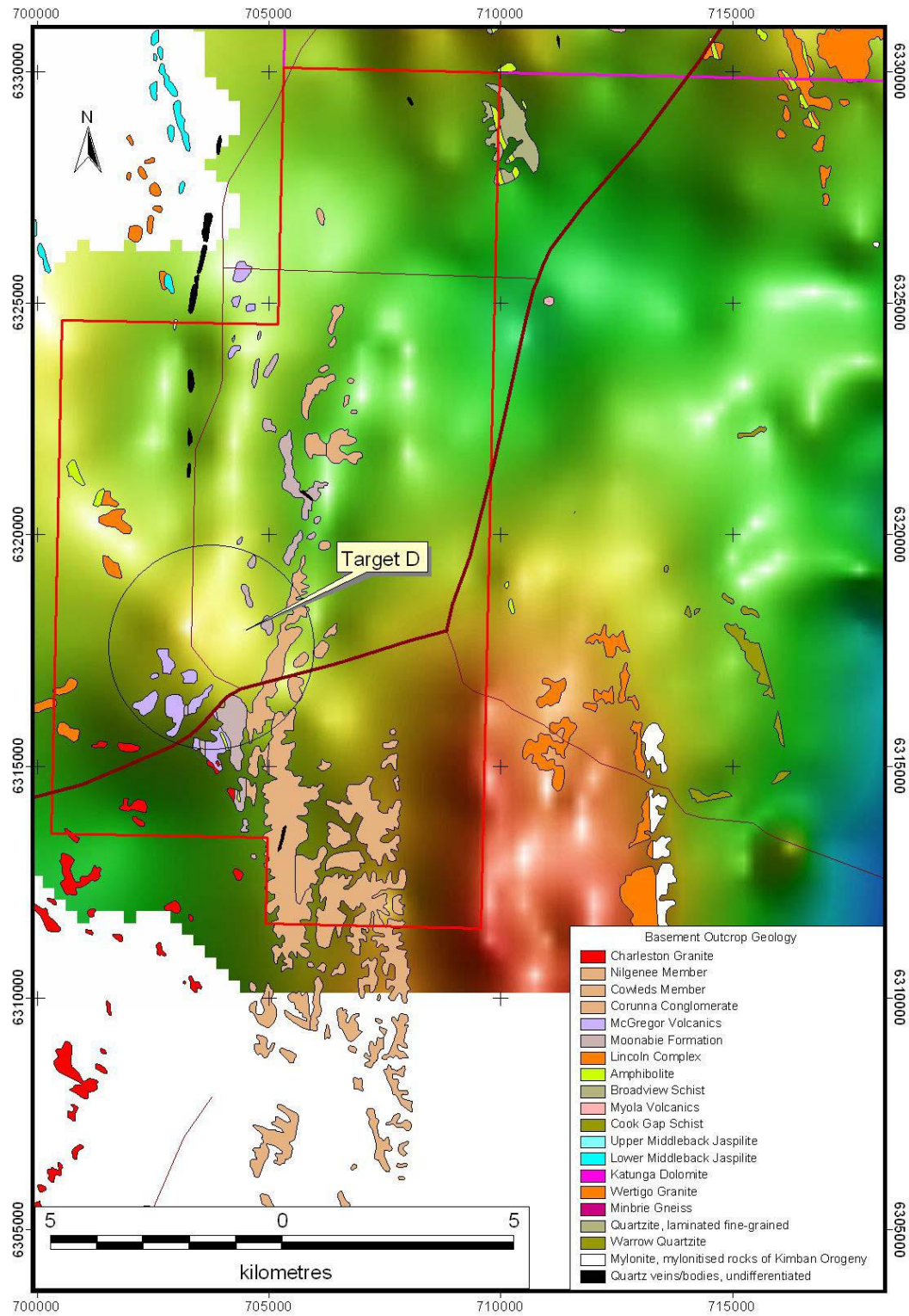


Figure 6. Target D: basement geology over residual gravity image

8. LIST OF DIGITAL FILES

A list of digital files to accompany this report is tabulated below (Table 1).

Exploration Work Type	File Name	Format
Office Studies		
Report	EL3236_2006_P_01_ReportBody.pdf	pdf
Ground Exploration Surveys		
Ground Geophysics		
Gravity	EL3236_2006_P_02_GravitySurvey.txt	txt
Geochemical Surveying		
File Verification Listing	EL3236_2006_P_3_FileListing.txt	txt

Table 1: Digital File Verification Listing

REFERENCES

Dalgarno, C.R., Johnson, J.E., Forbes, B.G. and Thomson, B.P., 1968. PORT AUGUSTA, South Australia, sheet SI53-4. *South Australia. Geological Survey. 1:250 000 Series.*

Parker, A.J., 1983. WHYALLA map sheet. *South Australia. Geological Survey. Geological Atlas 1:250 000 Series*, sheet SI53-8.

PNC Exploration (Australia) Pty Ltd, 1986. Quarterly report period ending 29th December, 1986, EL 1339 Roopena area, (unpublished report to Department of Mines and Energy: PIRSA open file ENV 06778)

PNC Exploration (Australia) Pty Ltd, 1987a. Quarterly report period ending 29th March, 1987, EL 1339 Roopena area, (unpublished report to Department of Mines and Energy: PIRSA open file ENV 06778)

PNC Exploration (Australia) Pty Ltd, 1987b. Report for quarter ending 29th June, 1987, EL 1339 Roopena area, (unpublished report to Department of Mines and Energy: PIRSA open file ENV 06778)

PNC Exploration (Australia) Pty Ltd, 1987c. Report for quarter ending 29th September, 1987, EL 1339 Roopena area, (unpublished report to Department of Mines and Energy: PIRSA open file ENV 06778)

PNC Exploration (Australia) Pty Ltd, 1987d. Report for quarter ending 29th December, 1987, EL 1339 Roopena area, (unpublished report to Department of Mines and Energy: PIRSA open file ENV 06778)

PNC Exploration (Australia) Pty Ltd, 1988a. Report for quarter ending 29th March, 1988, EL 1339 Roopena area, (unpublished report to Department of Mines and Energy: PIRSA open file ENV 06778)

PNC Exploration (Australia) Pty Ltd, 1988b. Report for quarter ending 29th June, 1988, and final report EL 1339 Roopena area, (unpublished report to Department of Mines and Energy: PIRSA open file ENV 06778)

Primary Industries and Resources SA, 2000. Open file envelope No. 8633, EL 1775, EL 2079 and EL2559 Roopena and Iron Knob progress, annual and final reports for the period 22/4/92 to 23/2/2000 submitted by WMC Resources Ltd and Normandy Gold Exploration Pty Ltd 2000.

Weste, G., 1995. Roopena, South Australia, sheet 6332. *South Australia. Geological Survey. 1:100 000 Series.*

Weste, G., 1996. Geology of the Roopena and Uno 1:100 000 sheet areas, eastern Gawler Craton. *South Australia. Department of Mines and Energy Resources. Open file Envelope, 9025* (unpublished).

Wood, M., and Robinson, P., 2005. Exploration Licence 2741 (Roopena) Eyre Peninsula, South Australia fourth annual technical report for the period 31 July 2003 to 30 July 2004, (Peninsula Minerals Limited unpublished report to PIRSA).

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Introduction

A regional GPS gravity survey designated as Iron Baron Gravity Survey has been carried out and is approximately 20kms west of Whyalla in South Australia. The survey was conducted over 35 days from 18th August 2005 to 6th September and 14th September 2005 to 28th September 2005 on behalf of Minotaur Exploration Ltd.

The proposed regional gravity survey consisted of 405 regional gravity stations in a regular grid comprising 37 E-W trending lines coincident with GDA94 with line intervals of 2000m and station intervals of 1000 metres. The lines were bounded in the west by GDA94 Zone 53 701000E, in the east by 719000E, in the south by 6312000N and in the north by 6392000N. The completed detail gravity survey comprised of 806 gravity stations in 65 lines. All proposed gravity stations were completed.

Note; some of the stations may have been slightly offset from their planned position due to vegetation and terrain.

There were 65 observations repeated for quality control purposes, giving a repeat percentage 8.1%.

The Bouguer anomaly processing has been performed using a country rock density of 2.67 g/cc.

Figure 1 shows the location of the survey area.

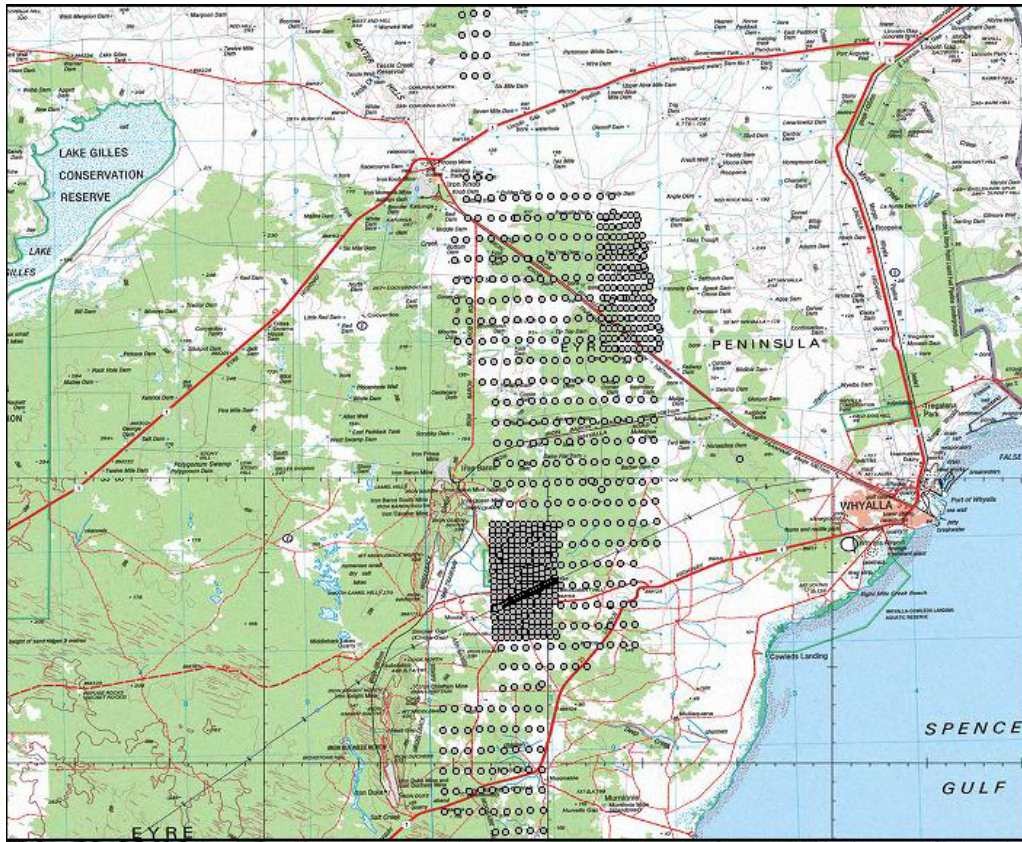


Figure 1. Location Diagram

Survey and Gravity Datum

Horizontal Datum:	Geocentric Datum of Australia 1994 (GDA94)
	Map Grid of Australia 1994 (MGA94)
	Zone 53
Vertical Datum:	Australian Height Datum (AHD)
Gravity Datum:	Isogal 1984 / IGSN 71

Survey and Gravity Base Stations

4 base stations were established in the survey area. They were placed on hills throughout the project to provide good VHF radio coverage for the RTK system. The bases were designated as 2005.5101, 2005.5102, 2005.5104 and 2005.5105. The actual bases were marked with a short star picket driven flush with the natural surface. The bases are witnessed by a long star picket within 0.3m of the ground mark standing about 1m tall. Two aluminum tags are attached with the inscription "Haines Surveys" and "Gravity 2005.510N" (N = 1, 2, 4, 5).

Sub-bases were located within 5 minutes drive of the main bases to provide a backup base station to the main base in case loop ties to the main base were poor. They are not marked but the approximate coordinates (+/- 10m) listed in the table define their location.

Survey Control

Horizontal and vertical control has been established using the AUSPOS online GPS processing service provided by Geoscience Australia. This method provides control within the GDA94 Datum to within +/- 5 cm. It largely replaces the need for finding local survey marks or allows accurate control to be established when local marks are not available.

A total of 53.2 hours (at 10 second intervals) of observations were logged over 8 days. The following outlines the Cartesian coordinate precision attained per day.

l	Sigma	sX(m)	sY(m)	sZ(m)	yyyy/mm/dd
5101	0.012	0.015	0.009	2005/08/18	
5101	0.010	0.010	0.007	2005/08/19	
5102	0.012	0.008	0.009	2005/09/14	
5102	0.015	0.006	0.008	2005/09/15	
5104	0.017	0.006	0.008	2005/09/16	
5104	0.011	0.007	0.006	2005/09/17	
5105	0.014	0.007	0.007	2005/09/26	
5105	0.013	0.006	0.006	2005/09/27	

Since GDA94 and WGS84 (Global Positioning System Datum) are virtually equivalent the GDA94 values can be directly input into the GPS processing software for all calculations.

Vertical control has been converted to an Australian Height Datum (AHD) height using the GDA94 height determined from AUSPOS and the AUSGEOID98 gravimetric geoid.

Gravity Control

Gravity control for base stations 2005.5101, 2005.5102, 2005.5104 and 2005.5105 was established on the Australian Fundamental Gravity Network (Isogal 1984 / IGSN 71) using A-B-A ties from gravity station Whyalla A/S Terminal 1967930109. The values for gravity station Whyalla A/S Terminal 1967930109 were attained from Geoscience Australia in Canberra. A-B-A ties were made to within 0.01 milligals.

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 8 digit West-East line point numbers are constructed from the planned GDA coordinates for each gravity station using

$$\text{Line No} = (\text{MGA N} - 6300000) / 10$$

$$\text{Stn No} = (\text{MGA E} - 700000) / 10$$

eg. Planned gravity station GDA coordinates

6399000.000N

722000.000E

Line No = 9900

Station No = 2200

i.e. Pt No = 990007220

The gravity stations have not been marked in the field.

Survey And Gravity Control Values

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

Iron Baron 2005 SURVEY/GRAVITY CONTROL

Station	GDA94 (WGS84)			MGA Zone 53		AHD	Isogal84
	Latitude	Longitude	Height	Easting	Northing	Height	Gravity mgal
HS 2005.5101	-32 46 12.32730	137 13 20.37550	109.516	708159.015	6372014.599	107.627	979506.939
HS 2005.5102	-33 00 34.09020	137 17 46.59050	127.310	714509.061	6345320.777	125.776	979528.787
HS 2005.5104	-33 10 55.20910	137 14 40.27380	107.335	709263.834	6326291.93	106.221	979545.569
HS 2005.5105	-33 04 03.63910	137 12 26.57530	156.824	706067.646	6339043.758	155.460	979533.772
196793009	-33 03 09.7920	137 31 19.8012		735501.157	6340040.300	9.760	979559.930

GPS Observations and Processing

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

Measurements for post processed observations have been made using Static techniques with baselines processed to double difference fixed solutions resulting in horizontal and vertical precision of approximately 2 cm.

Static baseline processing has been completed using Trimble GPSurvey version 2.30 software. Measurements for detail gravity observations have been made using Real Time Kinematic (RTK) techniques giving horizontal and vertical precisions of at least 5 cm.

RTK processing has been completed using Trimble TDC1 firmware and RTK processing using Trimble Geomatics Office Version 1.01 software.

Gravity Observations

Gravity measurements have been made using a *Scintrex CG3 Autograv* instrument. Instrument numbers 711401, 101177 and 601140 were 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.

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.

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

- 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

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

$\square \square$ WGS84 Latitude

Freeair corn

The freeair correction is calculated using

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

H = height above sea level (AHD height)

Bouguer corn

$$\text{Bouguer corn} = -0.04191 \square H$$

$\square$ = density (2.67 g/cc used for this survey)

H = height above sea level (AHD height)

Bouguer Anom

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

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. Results are also supplied in digital form on Compact Disc with the following of files being supplied in a separate sub directory called Processed Data.

ALLCSV.CSV REPEATS.REP

Field gravity observation files with the extension .DAT and are also supplied in a separate subdirectory named Raw Data.

A digital copy of this report is also on the compact disc in the root Directory

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, MGA East, MGA 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, free-air 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).

*.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

Iron Baron Production log

Date	Day#	Obs	Repeats	Comments
18/08/2005	230	7	0	Commence Iron Baron Nth,surv/grav control,establish Base 5101,windy
19/08/2005	231	21	1	Continue Iron Baron Nth,windy,patchy rain
20/08/2005	232	15	4	Continue Iron Baron Nth,fences railway line
21/08/2005	233	18	2	Continue Iron Baron Nth
22/08/2005	234	18	2	Continue Iron Baron Nth
23/08/2005	235	12	2	Continue Iron Baron Nth
24/08/2005	236	9	2	Continue Iron Baron Nth
25/08/2005	237	15	2	Continue Iron Baron Nth
26/08/2005	238	27	2	Continue Iron Baron Nth,infill
27/08/2005	239	29	2	Continue Iron Baron Nth,infill,windy
28/08/2005	240	32	2	Continue Iron Baron Nth,infill
29/08/2005	241	28	2	Continue Iron Baron Nth,infill,very windy
30/08/2005	242	26	2	Continue Iron Baron Nth,infill,very windy
31/08/2005	243	10	0	Continue Iron Baron Nth,infill,setup Base 5102
1/09/2005	244	20	2	Continue Iron Baron Sth
2/09/2005	245	24	2	Commence Iron Baron Sth
3/09/2005	246	10	2	Continue Iron Baron Sth,rain
4/09/2005	247	15	1	Continue Iron Baron Sth
5/09/2005	248	27	2	Continue Iron Baron Sth,contact landowners,windy
6/09/2005	249	16	2	Continue Iron Baron Sth
14/09/2005	257	13	2	Continue Iron Baron South
15/09/2005	258	24	2	Continue Iron Baron South
16/09/2005	259	16	1	Continue Iron Baron South
17/09/2005	260	14	1	Continue Iron Baron South
18/09/2005	261	31	2	Continue Iron Baron South
19/09/2005	262	17	2	Continue Iron Baron South
20/09/2005	263	21	2	Continue Iron Baron South,infill
21/09/2005	264	34	2	Continue Iron Baron South,infill
22/09/2005	265	47	4	Continue Iron Baron South,infill
23/09/2005	266	49	2	Continue Iron Baron South,infill
24/09/2005	267	43	2	Continue Iron Baron South,infill
25/09/2005	268	20	2	Continue Iron Baron South,infill,rain
26/09/2005	269	10	2	Continue Iron Baron South,infill,setup 5105
27/09/2005	270	30	1	Continue Iron Baron South,complete infill,walking and quad
28/09/2005	271	58	2	Complete Iron Baron South,complete 100m traverses,windy
Total		806	65	

Repeat Observation Results

Pt #	Day	E	N	H	G	Bouguer
34807260	D250	725,944.650	6,348,044.785	51.983	979,537.418	-16.213
34807260	D257	725,944.785	6,348,045.422	51.963	979,537.425	-16.209
		-0.135	-0.637	+0.020	-0.007	-0.004
72000800	D230	707,995.316	6,372,021.605	107.856	979,506.918	-18.214
72000800	D231	707,995.147	6,372,021.442	107.821	979,506.905	-18.234
		+0.169	+0.163	+0.035	+0.013	+0.020
72000800	D236	707,994.957	6,372,021.073	107.836	979,506.932	-18.204
		+0.359	+0.532	+0.020	-0.014	-0.010

72000900	D230	709,005.021	6,372,005.285	104.971	979,507.413	-18.283
72000900	D232	709,005.428	6,372,005.122	104.953	979,507.392	-18.307
		-0.407	+0.163	+0.018	+0.021	+0.024
72001000	D230	709,900.427	6,371,929.927	103.512	979,507.795	-18.229
72001000	D232	709,899.981	6,371,929.344	103.451	979,507.792	-18.245
		+0.446	+0.583	+0.061	+0.003	+0.016
68000900	D231	709,001.730	6,367,976.372	104.361	979,510.838	-17.965
68000900	D232	708,905.678	6,367,904.589	104.553	979,510.808	-18.012
		+96.052	+71.783	-0.192	+0.030	+0.047
68001400	D231	713,998.709	6,367,991.170	98.670	979,515.106	-14.726
68001400	D232	713,998.333	6,367,990.756	98.638	979,515.141	-14.698
		+0.376	+0.414	+0.032	-0.035	-0.028
70000700	D231	707,015.275	6,369,986.684	111.936	979,507.808	-18.045
70000700	D236	707,015.156	6,369,986.341	111.905	979,507.814	-18.045
		+0.119	+0.343	+0.031	-0.006	+0.000
70001500	D231	715,006.331	6,369,987.222	97.374	979,515.748	-12.843
70001500	D239	715,006.464	6,369,986.830	97.397	979,515.773	-12.814
		-0.133	+0.392	-0.023	-0.025	-0.029
72000500	D231	704,993.826	6,371,992.483	117.415	979,505.721	-17.598
72000500	D232	704,994.258	6,371,992.061	117.390	979,505.733	-17.592
		-0.432	+0.422	+0.025	-0.012	-0.006
72001600	D231	716,008.787	6,371,989.091	99.117	979,516.324	-10.424
72001600	D239	716,008.840	6,371,988.688	99.119	979,516.321	-10.427
		-0.053	+0.403	-0.002	+0.003	+0.003
60001700	D232	717,007.301	6,359,997.937	104.668	979,521.611	-12.924
60001700	D238	717,007.252	6,359,997.989	104.685	979,521.641	-12.891
		+0.049	-0.052	-0.017	-0.030	-0.033
62001700	D232	717,043.055	6,362,031.560	95.240	979,526.489	-8.390
62001700	D233	717,042.936	6,362,031.472	95.272	979,526.514	-8.359
		+0.119	+0.088	-0.032	-0.025	-0.031
62001800	D232	718,017.464	6,361,966.716	90.392	979,527.853	-8.012
62001800	D233	718,017.452	6,361,966.668	90.427	979,527.909	-7.950
		+0.012	+0.048	-0.035	-0.056	-0.062
62001800	D241	718,017.484	6,361,966.686	90.410	979,527.878	-7.984
		-0.020	+0.030	-0.018	-0.025	-0.028
64001600	D232	715,966.819	6,363,946.270	111.287	979,520.375	-9.945
64001600	D233	715,967.084	6,363,945.652	111.308	979,520.419	-9.897
		-0.265	+0.618	-0.021	-0.044	-0.048
64001700	D232	717,008.374	6,363,938.425	110.913	979,523.568	-6.814
64001700	D233	717,008.302	6,363,938.427	110.976	979,523.569	-6.800
		+0.072	-0.002	-0.063	-0.001	-0.014
66001400	D232	714,043.963	6,366,010.743	96.969	979,515.842	-15.793
66001400	D233	714,044.012	6,366,010.820	97.007	979,515.799	-15.828
		-0.049	-0.077	-0.038	+0.043	+0.035
66001400	D234	714,044.014	6,366,010.923	96.977	979,515.837	-15.796
		-0.051	-0.180	-0.008	+0.005	+0.003

72000400	D232	704,051.455	6,372,075.566	123.616	979,504.540	-17.513
72000400	D233	704,051.365	6,372,075.510	123.648	979,504.549	-17.497
		+0.090	+0.056	-0.032	-0.009	-0.016
62000300	D233	702,960.166	6,362,023.953	151.237	979,508.579	-15.514
62000300	D238	702,960.316	6,362,023.946	151.257	979,508.543	-15.546
		-0.150	+0.007	-0.020	+0.036	+0.032
62000400	D233	704,026.107	6,362,017.824	133.203	979,512.604	-15.024
62000400	D234	704,026.117	6,362,017.826	133.189	979,512.573	-15.058
		-0.010	-0.002	+0.014	+0.031	+0.034
66001200	D233	712,003.725	6,366,007.593	95.258	979,514.339	-17.668
66001200	D234	712,003.724	6,366,007.393	95.222	979,514.349	-17.665
		+0.001	+0.200	+0.036	-0.010	-0.003
66001300	D233	713,004.177	6,365,999.047	90.127	979,516.134	-16.872
66001300	D234	713,004.488	6,365,999.028	90.128	979,516.093	-16.913
		-0.311	+0.019	-0.001	+0.041	+0.041
66001500	D233	715,011.806	6,366,001.045	96.247	979,519.859	-11.910
66001500	D234	715,011.784	6,366,001.108	96.251	979,519.866	-11.902
		+0.022	-0.063	-0.004	-0.007	-0.008
66001500	D240	715,011.790	6,366,000.991	96.226	979,519.837	-11.936
		+0.016	+0.054	+0.021	+0.022	+0.026
66001600	D233	716,000.832	6,366,011.807	103.554	979,523.139	-7.169
66001600	D234	716,000.746	6,366,011.715	103.527	979,523.110	-7.203
		+0.086	+0.092	+0.027	+0.029	+0.034
70000600	D235	706,017.181	6,369,985.566	114.447	979,506.979	-18.397
70000600	D236	706,017.372	6,369,985.552	114.442	979,507.043	-18.333
		-0.191	+0.014	+0.005	-0.064	-0.064
74001300	D235	713,035.880	6,373,991.707	100.497	979,508.991	-16.049
74001300	D236	713,035.930	6,373,991.663	100.482	979,508.963	-16.080
		-0.050	+0.044	+0.015	+0.028	+0.031
74000500	D236	705,008.949	6,373,993.227	117.444	979,504.132	-17.698
74000500	D237	705,008.896	6,373,993.193	117.430	979,504.106	-17.727
		+0.053	+0.034	+0.014	+0.026	+0.029
74000600	D236	706,024.589	6,373,988.604	112.843	979,504.275	-18.449
74000600	D237	706,024.599	6,373,988.563	112.848	979,504.311	-18.412
		-0.010	+0.041	-0.005	-0.036	-0.037
74001200	D236	712,010.050	6,373,983.403	101.730	979,507.707	-17.113
74001200	D236	712,010.050	6,373,983.403	101.730	979,507.709	-17.111
		+0.000	+0.000	+0.000	-0.002	-0.002
60001600	D238	715,993.565	6,359,987.444	111.152	979,517.803	-15.481
60001600	D242	715,993.631	6,359,987.508	111.162	979,517.828	-15.454
		-0.066	-0.064	-0.010	-0.025	-0.027
69001600	D239	716,014.056	6,368,991.116	102.664	979,520.422	-7.851
69001600	D240	716,013.992	6,368,990.891	102.628	979,520.446	-7.834
		+0.064	+0.225	+0.036	-0.024	-0.017
68001750	D240	717,479.429	6,367,989.196	115.771	979,517.778	-8.636
68001750	D241	717,479.541	6,367,989.061	115.832	979,517.811	-8.591
		-0.112	+0.135	-0.061	-0.033	-0.045

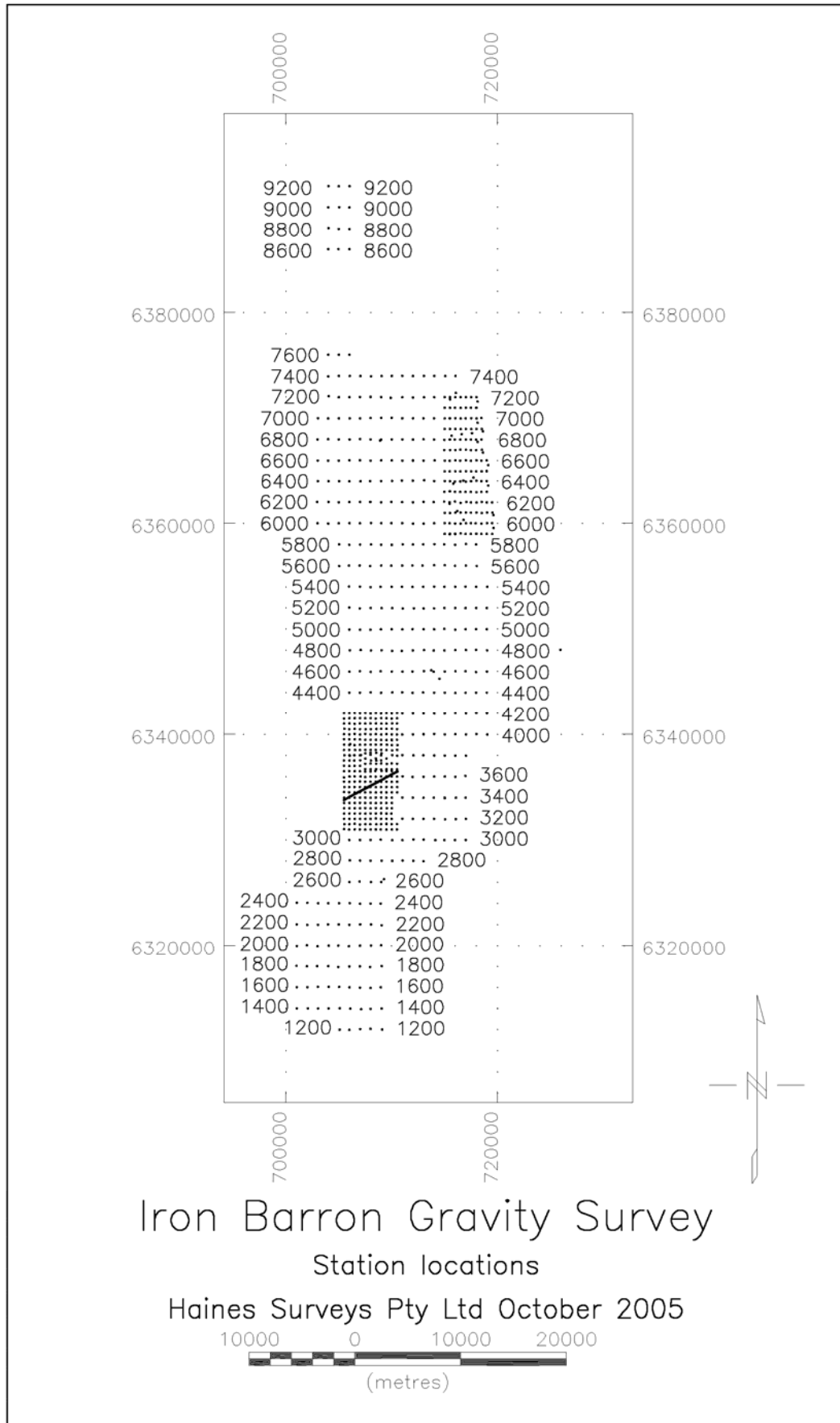
62001550	D241	715,473.167	6,361,986.639	112.332	979,517.479	-14.097
62001550	D242	715,473.157	6,361,986.650	112.320	979,517.435	-14.144
		+0.010	-0.011	+0.012	+0.044	+0.047
59001500	D242	715,005.379	6,359,000.019	110.438	979,518.055	-16.119
59001500	D244	714,988.675	6,358,993.587	110.034	979,518.096	-16.162
		+16.704	+6.432	+0.404	-0.041	+0.043
59001550	D242	715,486.445	6,358,977.191	110.092	979,518.370	-15.881
59001550	D244	715,493.512	6,359,005.016	110.376	979,518.286	-15.888
		-7.067	-27.825	-0.284	+0.084	+0.007
59001600	D242	716,000.834	6,358,990.574	103.759	979,519.821	-15.657
59001600	D244	715,984.421	6,359,019.909	103.942	979,519.743	-15.678
		+16.413	-29.335	-0.183	+0.078	+0.021
60001550	D242	715,482.288	6,360,000.287	112.141	979,517.109	-15.979
60001550	D244	715,482.341	6,360,000.234	112.151	979,517.074	-16.012
		-0.053	+0.053	-0.010	+0.035	+0.033
54001400	D245	713,998.205	6,354,016.933	69.047	979,529.320	-16.713
54001400	D244	713,998.405	6,354,016.886	69.033	979,529.364	-16.672
		-0.200	+0.047	+0.014	-0.044	-0.041
56001300	D245	712,903.501	6,356,009.064	71.971	979,529.001	-14.995
56001300	D257	712,903.942	6,356,008.085	71.960	979,529.060	-14.938
		-0.441	+0.979	+0.011	-0.059	-0.057
48001500	D245	714,981.399	6,347,997.162	102.441	979,529.970	-13.954
48001500	D243	714,981.482	6,347,997.154	102.459	979,530.002	-13.918
		-0.083	+0.008	-0.018	-0.032	-0.036
42001500	D246	714,998.359	6,341,982.508	112.001	979,534.727	-11.791
42001500	D247	714,998.302	6,341,982.321	112.015	979,534.738	-11.778
		+0.057	+0.187	-0.014	-0.011	-0.013
44001900	D246	718,997.895	6,343,998.453	76.066	979,539.420	-12.601
44001900	D246	718,997.935	6,343,998.445	76.078	979,539.426	-12.592
		-0.040	+0.008	-0.012	-0.006	-0.009
46001900	D246	718,999.526	6,345,999.681	76.467	979,536.550	-13.903
46001900	D243	718,999.580	6,345,999.459	76.473	979,536.507	-13.945
		-0.054	+0.222	-0.006	+0.043	+0.042
34001500	D247	715,017.758	6,333,952.459	135.497	979,539.212	-8.665
34001500	D263	714,998.624	6,334,000.523	135.552	979,539.156	-8.675
		+19.134	-48.064	-0.055	+0.056	+0.010
42000800	D248	708,003.218	6,341,963.624	160.139	979,528.438	-8.738
42000800	D269	708,003.104	6,341,963.661	160.077	979,528.430	-8.758
		+0.114	-0.037	+0.062	+0.008	+0.020
44000800	D248	708,013.689	6,344,011.602	152.158	979,527.878	-9.343
44000800	D249	708,013.679	6,344,011.509	152.141	979,527.928	-9.297
		+0.010	+0.093	+0.017	-0.050	-0.046
44001400	D248	714,000.842	6,343,999.629	129.273	979,529.058	-12.578
44001400	D248	714,000.821	6,343,999.621	129.271	979,529.090	-12.547
		+0.021	+0.008	+0.002	-0.032	-0.031

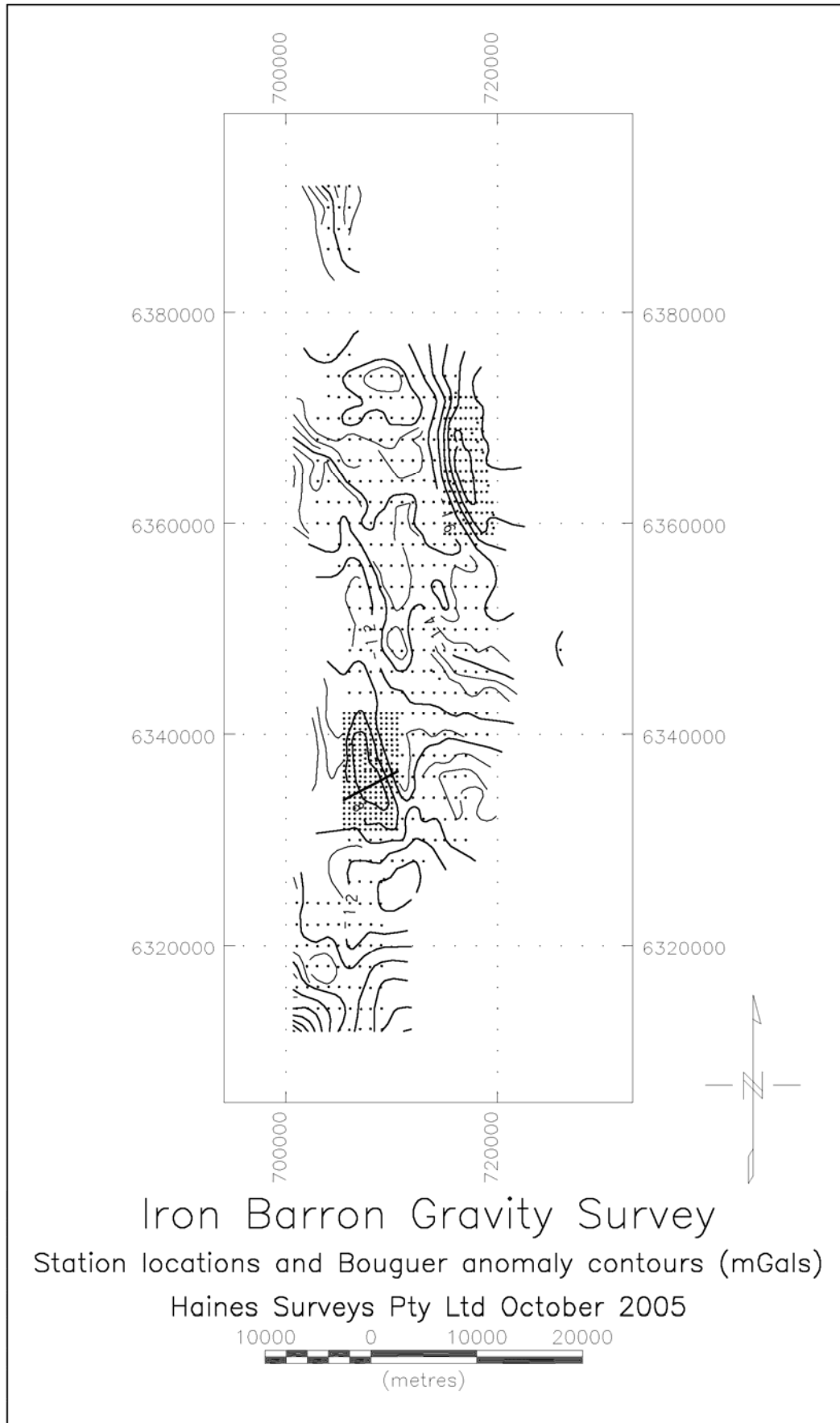
46001800	D248	717,959.140	6,345,956.042	81.393	979,535.897	-13.637
46001800	D243	717,959.135	6,345,956.094	81.374	979,535.880	-13.657
		+0.005	-0.052	+0.019	+0.017	+0.020
36000800	D249	707,994.827	6,335,984.331	144.880	979,540.478	-4.153
36000800	D266	707,994.876	6,335,985.600	144.858	979,540.521	-4.113
		-0.049	-1.269	+0.022	-0.043	-0.040
38000700	D249	707,098.355	6,338,025.704	142.973	979,538.824	-4.675
38000700	D249	707,098.355	6,338,025.556	142.954	979,538.872	-4.631
		+0.000	+0.148	+0.019	-0.048	-0.044
38000700	D267	707,094.553	6,338,026.057	142.736	979,538.925	-4.621
		+3.802	-0.353	+0.237	-0.101	-0.054
46001500	D258	715,004.504	6,346,001.362	111.150	979,530.754	-12.941
46001500	D243	715,004.590	6,346,001.389	111.134	979,530.802	-12.896
		-0.086	-0.027	+0.016	-0.048	-0.045
46001700	D258	716,985.007	6,346,015.047	88.649	979,534.460	-13.619
46001700	D243	716,984.963	6,346,015.079	88.659	979,534.460	-13.616
		+0.044	-0.032	-0.010	+0.000	-0.003
26000800	D259	708,031.065	6,326,033.668	120.788	979,543.104	-13.684
26000800	D260	708,030.849	6,326,033.464	120.786	979,543.073	-13.715
		+0.216	+0.204	+0.002	+0.031	+0.031
26000900	D259	709,013.081	6,326,027.867	112.764	979,544.164	-14.191
26000900	D259	709,013.166	6,326,027.945	112.760	979,544.154	-14.201
		-0.085	-0.078	+0.004	+0.010	+0.010
22000200	D260	702,009.140	6,321,981.803	163.995	979,540.327	-11.080
22000200	D262	702,009.246	6,321,982.110	164.026	979,540.323	-11.078
		-0.106	-0.307	-0.031	+0.004	-0.002
22000300	D260	703,028.559	6,321,983.789	164.537	979,539.957	-11.326
22000300	D261	703,028.373	6,321,983.989	164.518	979,539.972	-11.315
		+0.186	-0.200	+0.019	-0.015	-0.011
22000700	D260	707,013.517	6,322,025.346	145.888	979,541.933	-12.925
22000700	D261	707,017.269	6,322,023.446	145.784	979,541.982	-12.898
		-3.752	+1.900	+0.104	-0.049	-0.027
24000700	D260	707,011.291	6,323,987.881	144.593	979,540.229	-13.419
24000700	D260	707,011.163	6,323,987.792	144.581	979,540.230	-13.421
		+0.128	+0.089	+0.012	-0.001	+0.002
18000900	D261	709,048.642	6,318,014.960	125.988	979,554.284	-7.450
18000900	D262	709,048.687	6,318,015.002	125.975	979,554.256	-7.481
		-0.045	-0.042	+0.013	+0.028	+0.031
38000600	D262	706,018.324	6,337,978.137	145.588	979,536.088	-6.949
38000600	D265	706,008.166	6,337,999.449	145.743	979,536.040	-6.951
		+10.158	-21.312	-0.155	+0.048	+0.002
32000800	D263	707,996.615	6,331,995.749	114.683	979,546.210	-7.333
32000800	D264	707,996.551	6,331,995.714	114.673	979,546.269	-7.276
		+0.064	+0.035	+0.010	-0.059	-0.057
32000800	D266	707,995.714	6,331,997.295	114.708	979,546.268	-7.269
		+0.901	-1.546	-0.025	-0.058	-0.064

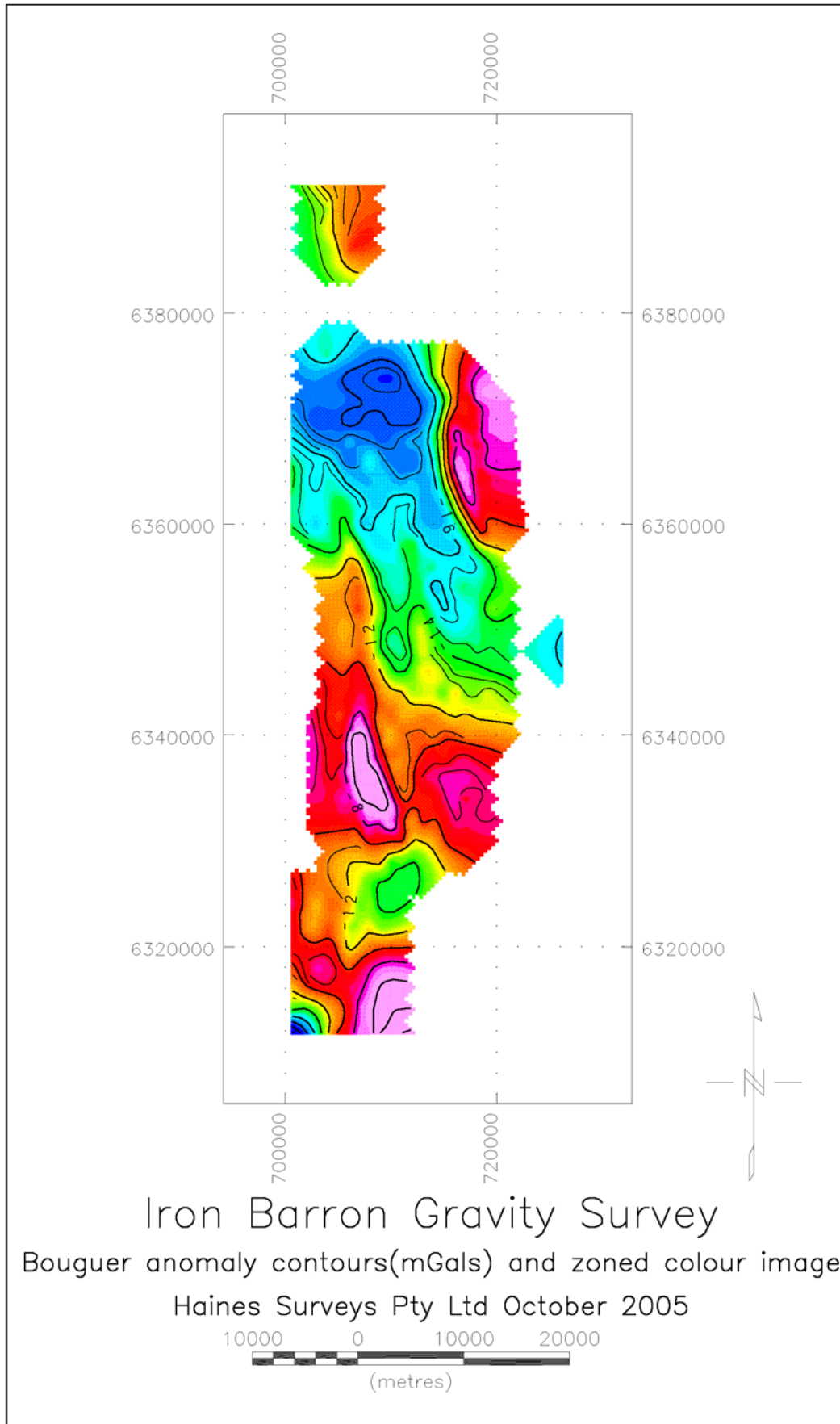
32000900	D263	708,995.363	6,332,000.983	123.697	979,544.296	-7.454
32000900	D265	708,995.632	6,332,001.048	123.712	979,544.340	-7.407
		-0.269	-0.065	-0.015	-0.044	-0.047
34000900	D263	708,996.205	6,334,010.202	138.410	979,542.977	-4.381
34000900	D264	708,996.146	6,334,010.045	138.470	979,542.985	-4.362
		+0.059	+0.157	-0.060	-0.008	-0.019
36000600	D263	706,000.763	6,335,999.782	136.380	979,538.691	-7.631
36000600	D265	706,015.344	6,335,996.982	136.117	979,538.797	-7.579
		-14.581	+2.800	+0.263	-0.106	-0.052
34000600	D264	705,993.699	6,334,002.540	133.521	979,540.229	-8.144
34000600	D271	705,993.977	6,334,002.587	133.499	979,540.234	-8.143
		-0.278	-0.047	+0.022	-0.005	-0.001
38000650	D265	706,469.567	6,338,001.770	140.377	979,538.942	-5.095
38000650	D268	706,470.007	6,338,004.447	140.376	979,538.961	-5.075
		-0.440	-2.677	+0.001	-0.019	-0.020
36500750	D266	707,477.129	6,336,479.181	144.437	979,539.539	-4.818
36500750	D267	707,477.104	6,336,479.271	144.430	979,539.554	-4.805
		+0.025	-0.090	+0.007	-0.015	-0.013
38000701	D268	706,999.767	6,337,998.317	141.166	979,539.635	-4.242
38000701	D268	706,999.831	6,337,998.021	141.103	979,539.636	-4.253
		-0.064	+0.296	+0.063	-0.001	+0.011
39500550	D268	705,490.385	6,339,520.932	174.188	979,527.020	-9.251
39500550	D269	705,490.192	6,339,520.991	174.225	979,527.010	-9.253
		+0.193	-0.059	-0.037	+0.010	+0.002
41500800	D269	708,004.288	6,341,518.003	161.065	979,528.391	-8.935
41500800	D270	708,004.374	6,341,517.866	161.071	979,528.395	-8.930
		-0.086	+0.137	-0.006	-0.004	-0.005
10001	D271	705,475.443	6,333,784.647	141.123	979,538.619	-8.429
10001	D271	705,475.476	6,333,784.803	141.138	979,538.660	-8.385
		-0.033	-0.156	-0.015	-0.041	-0.044

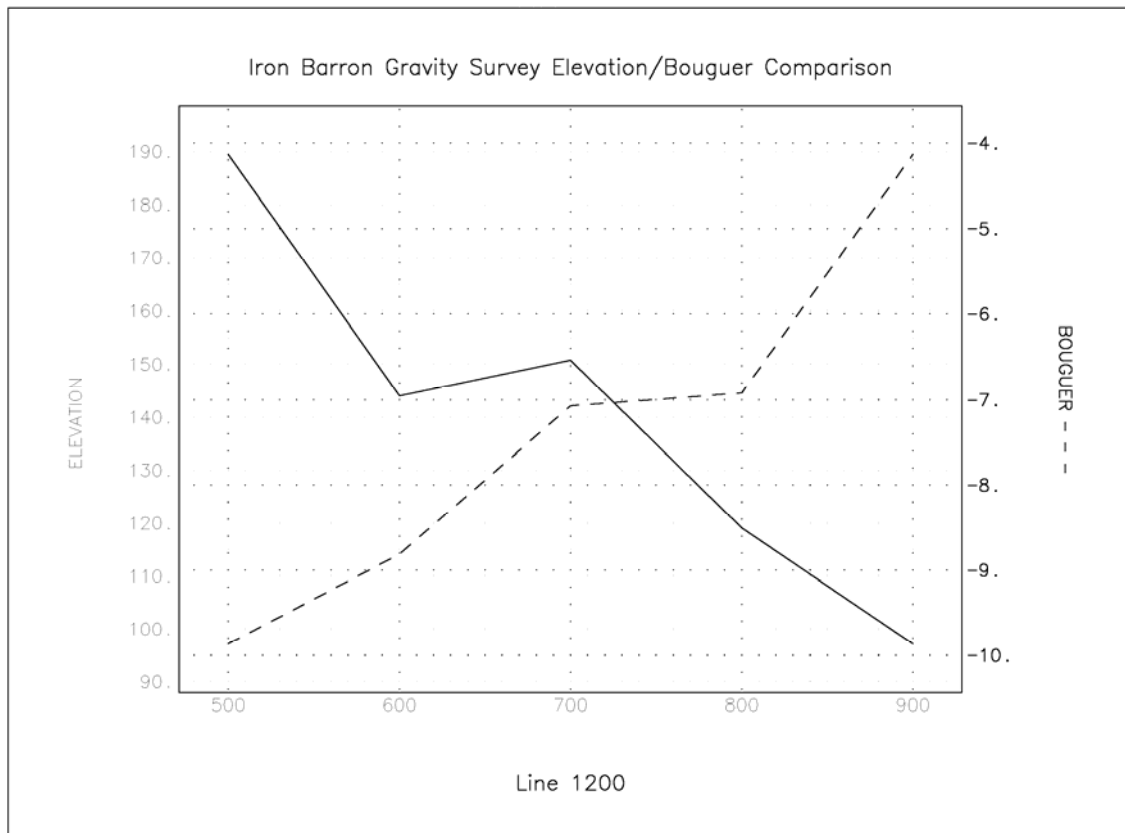
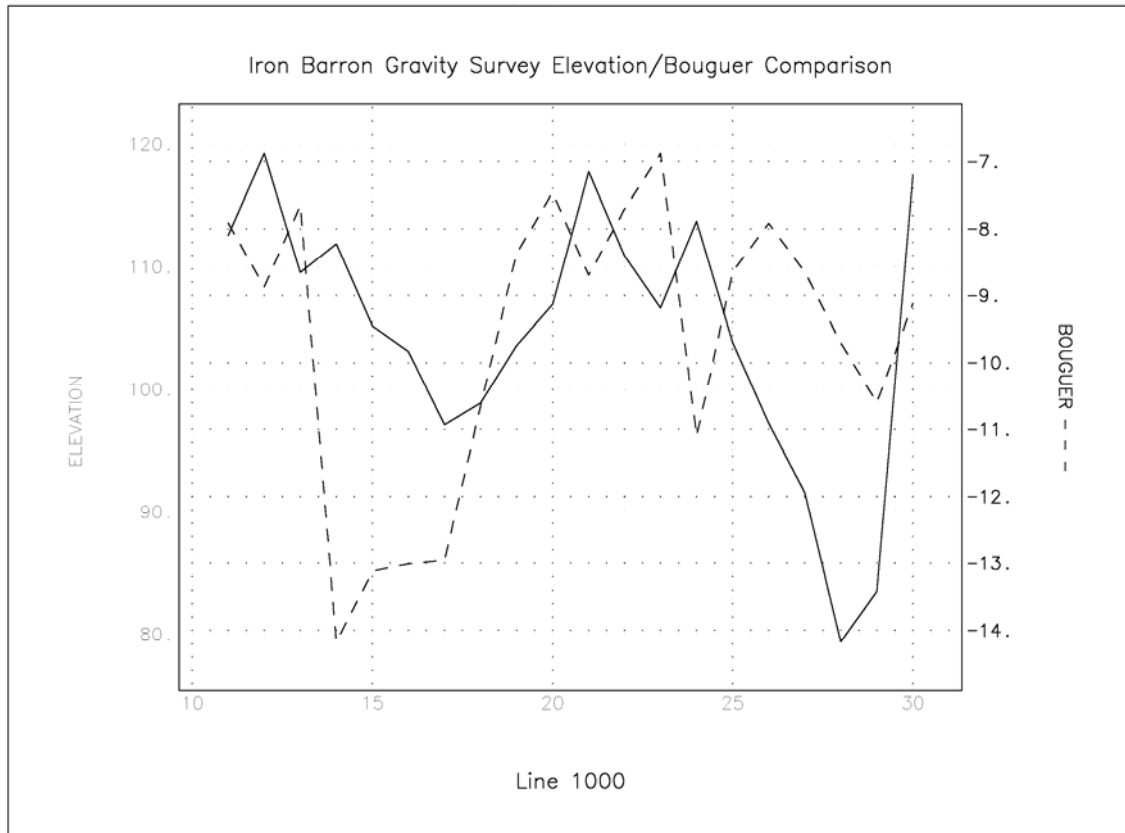
Plots

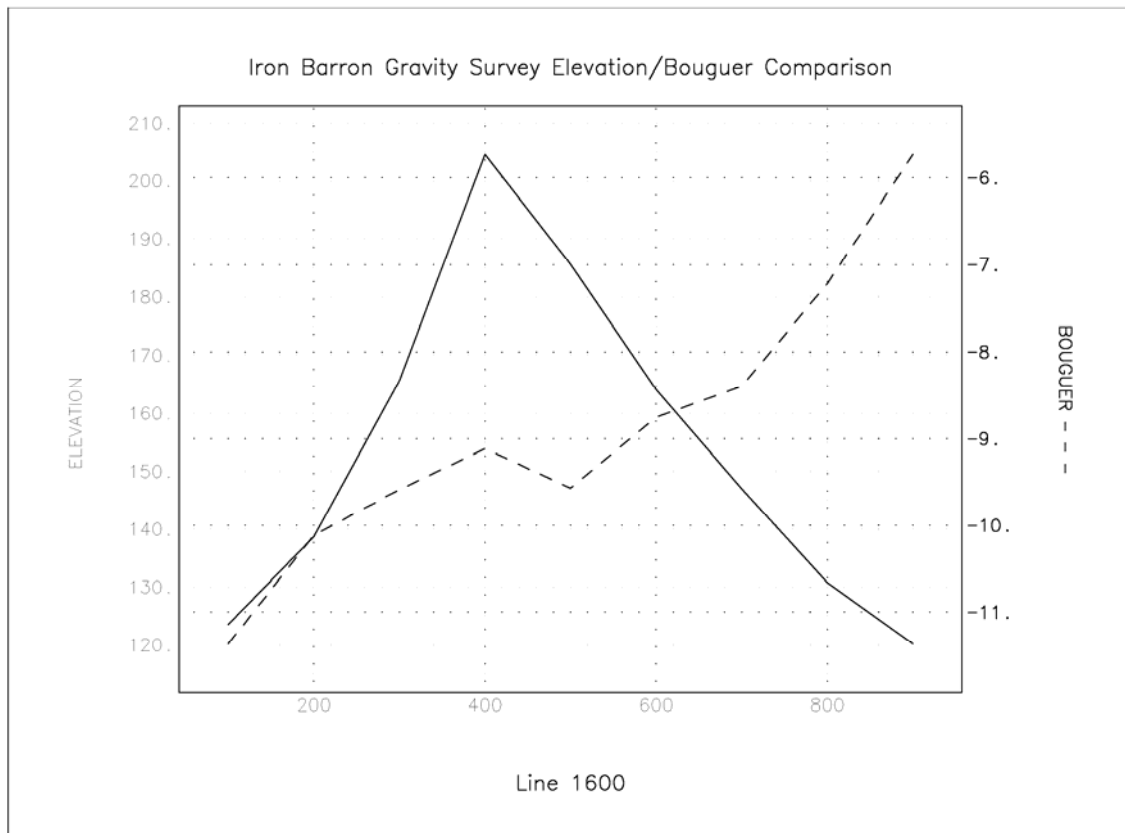
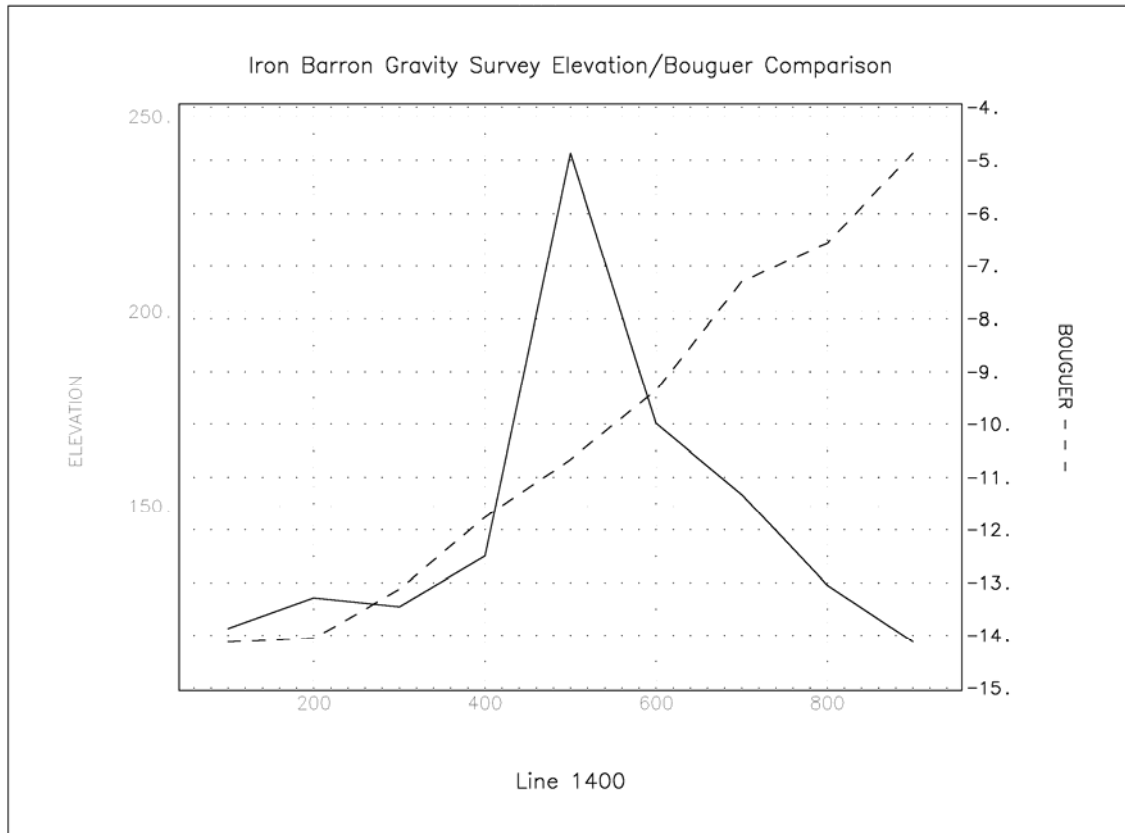
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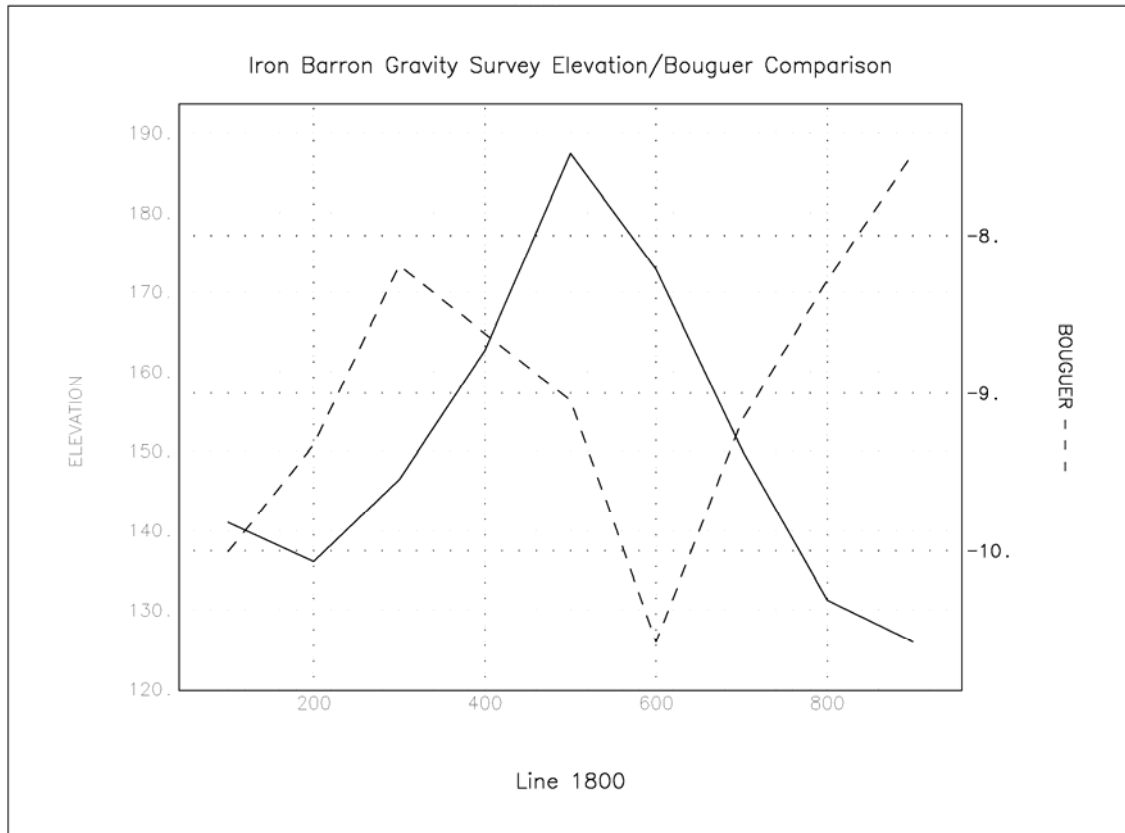


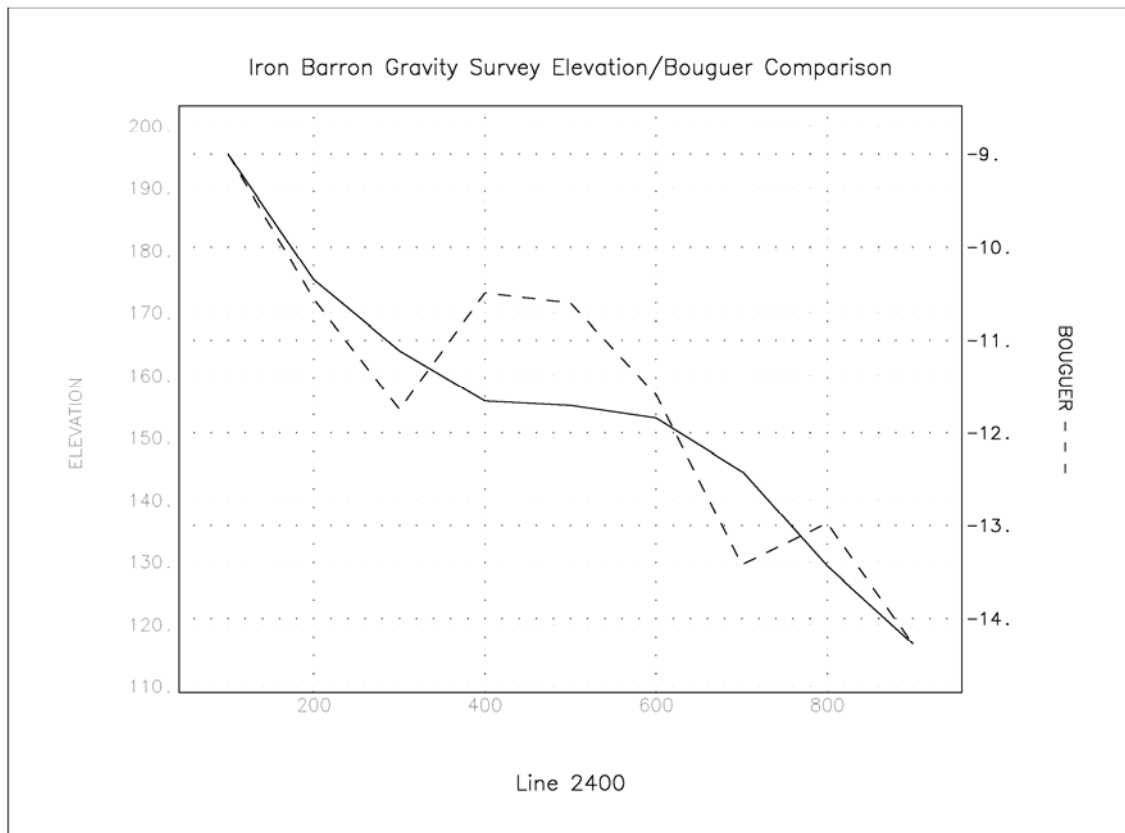
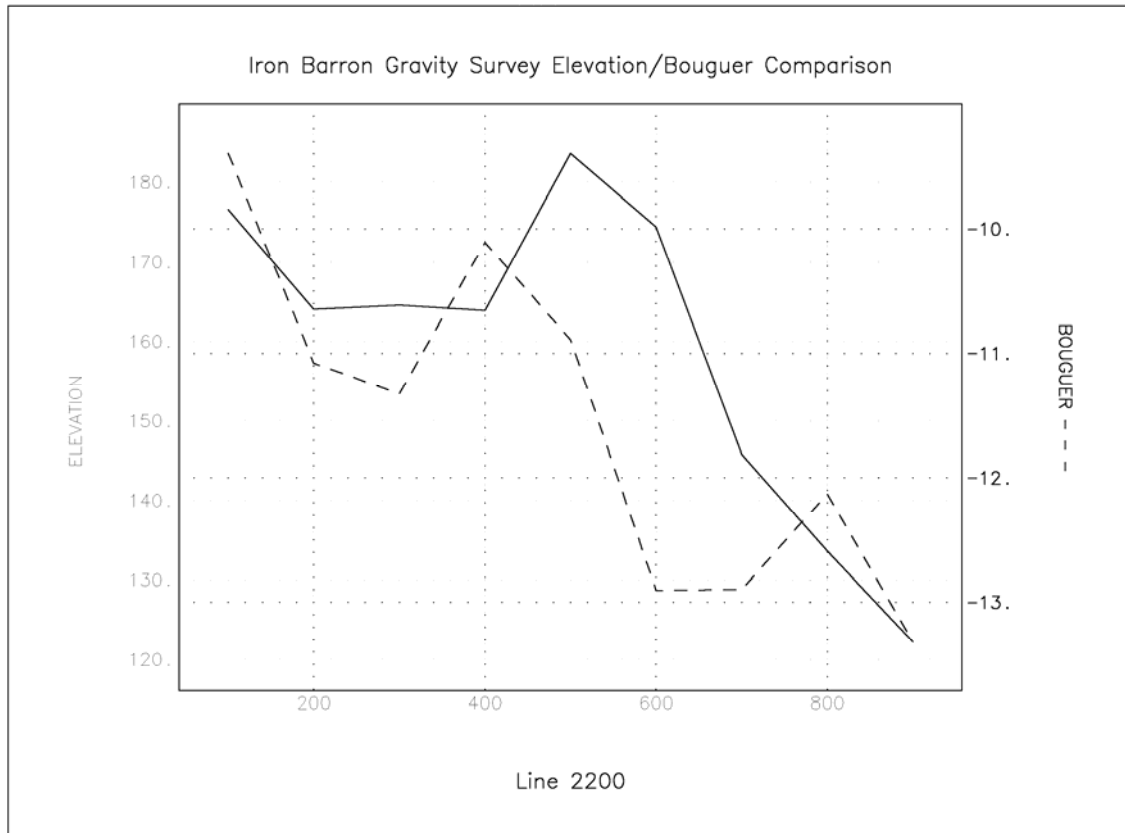


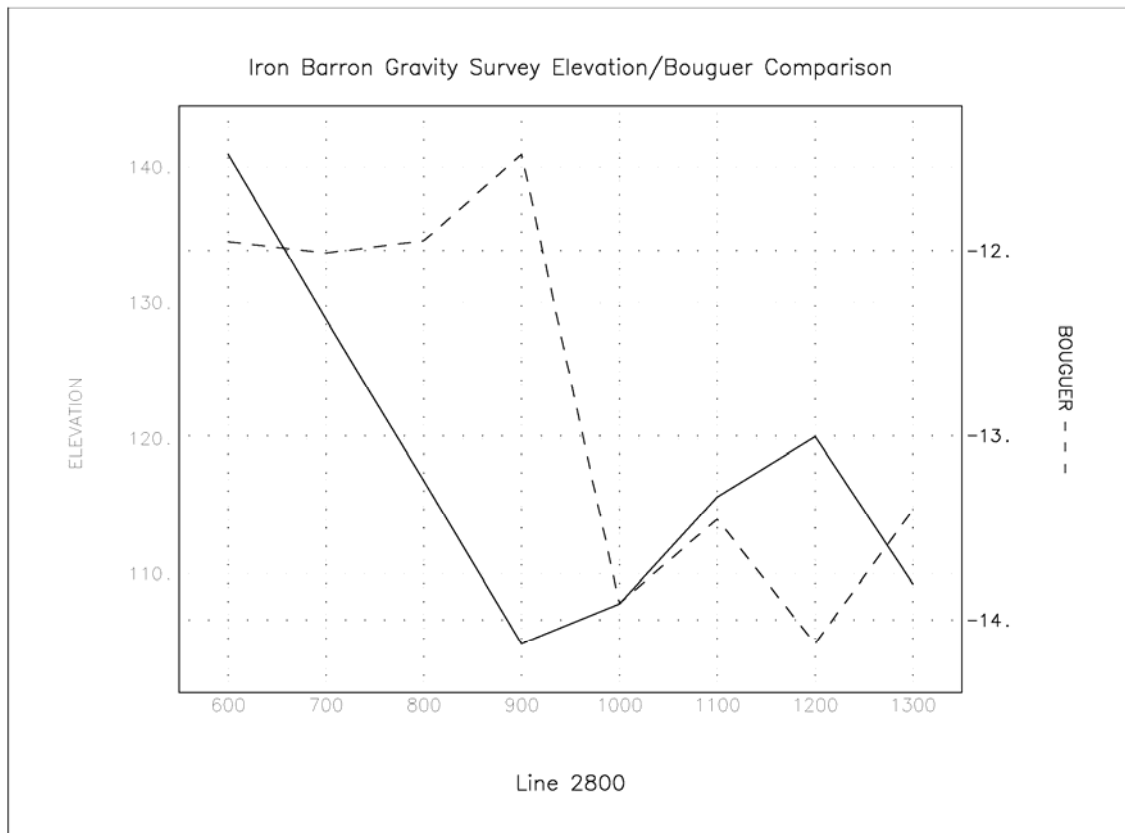
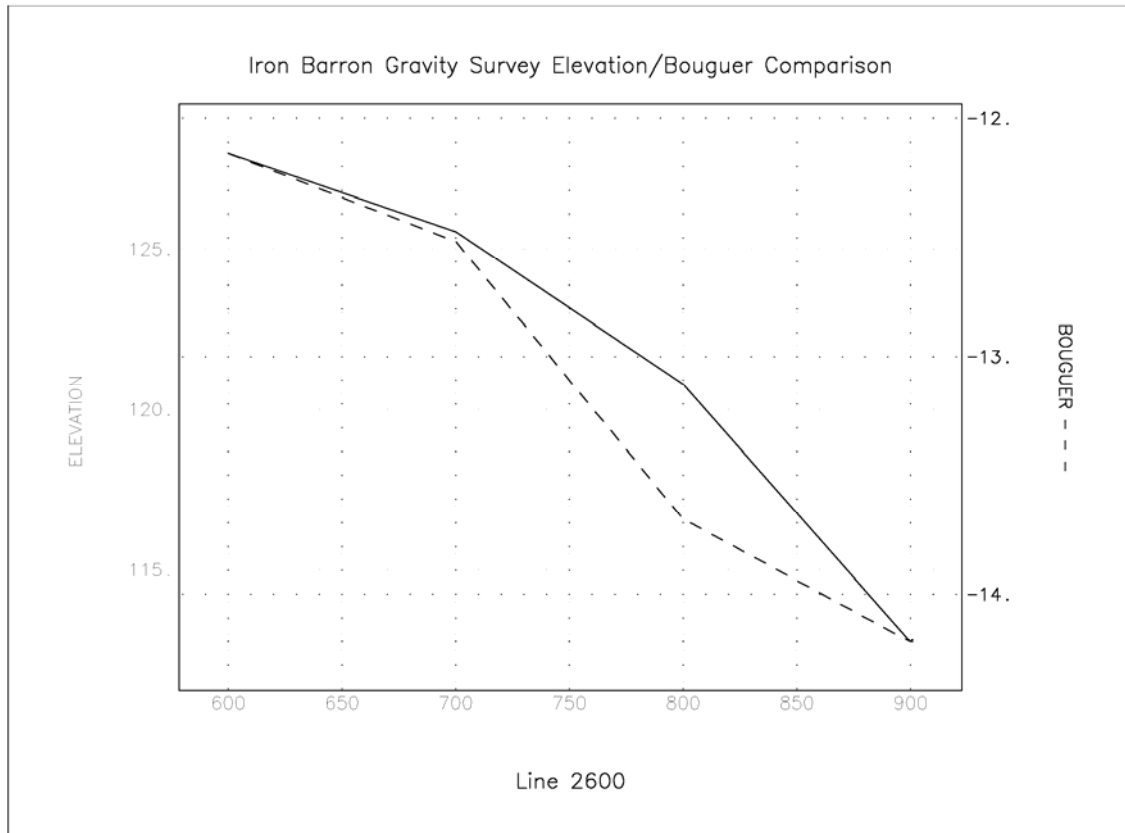


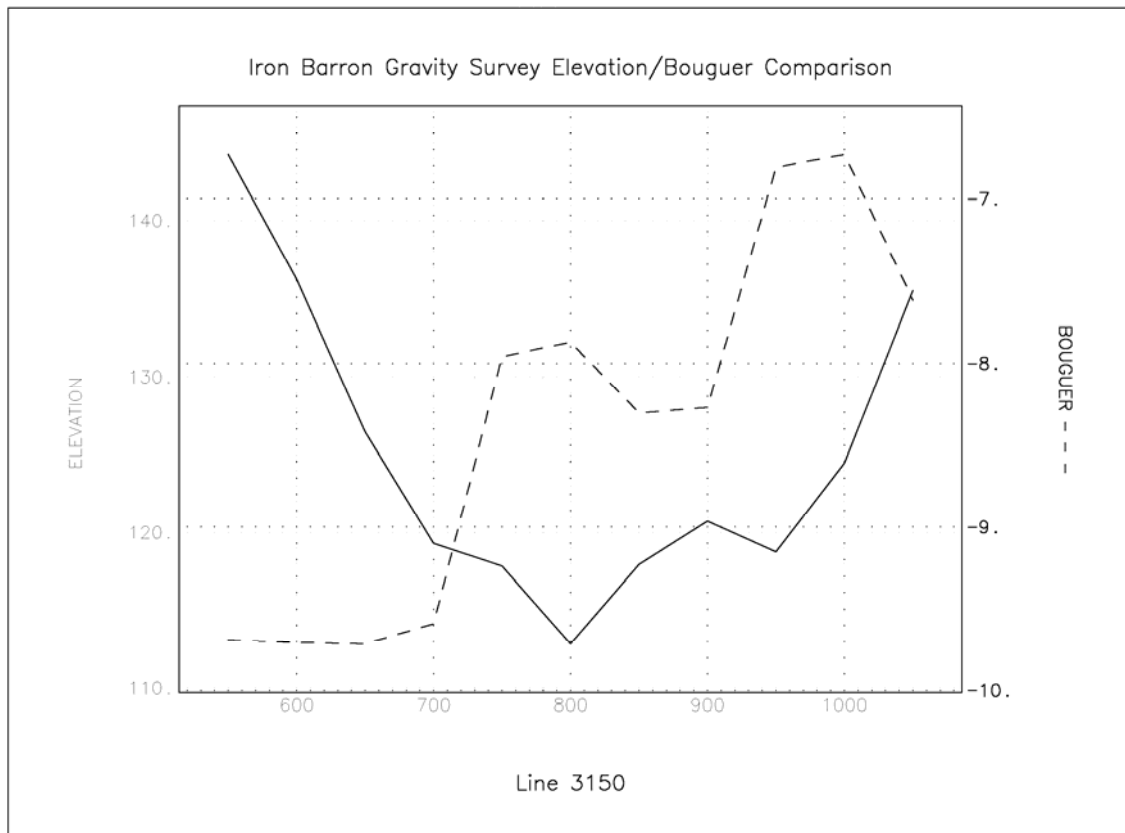
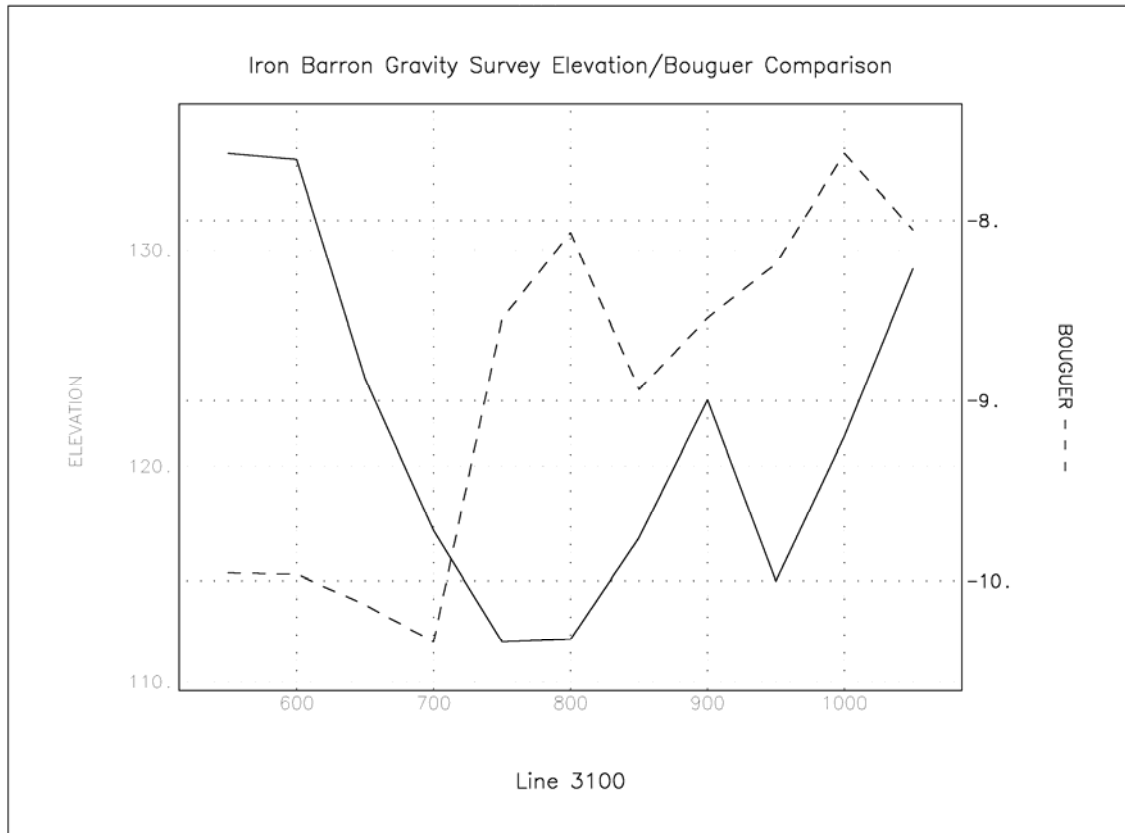


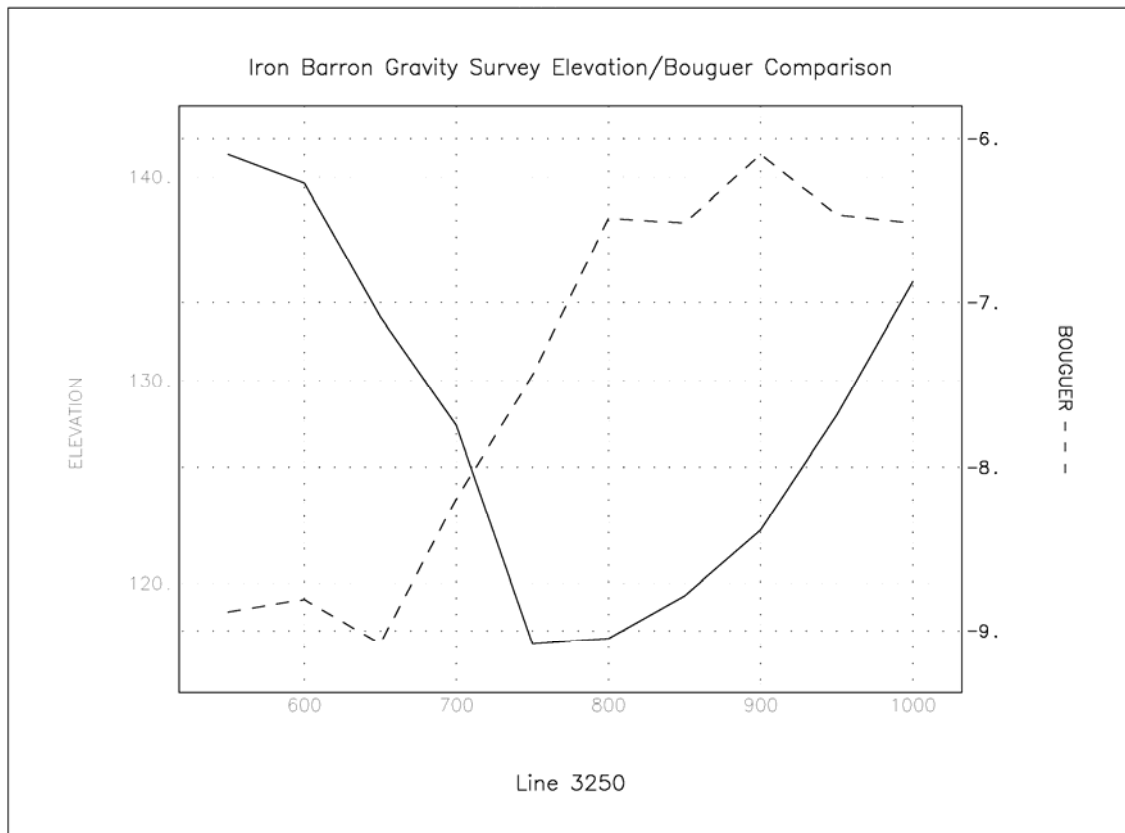
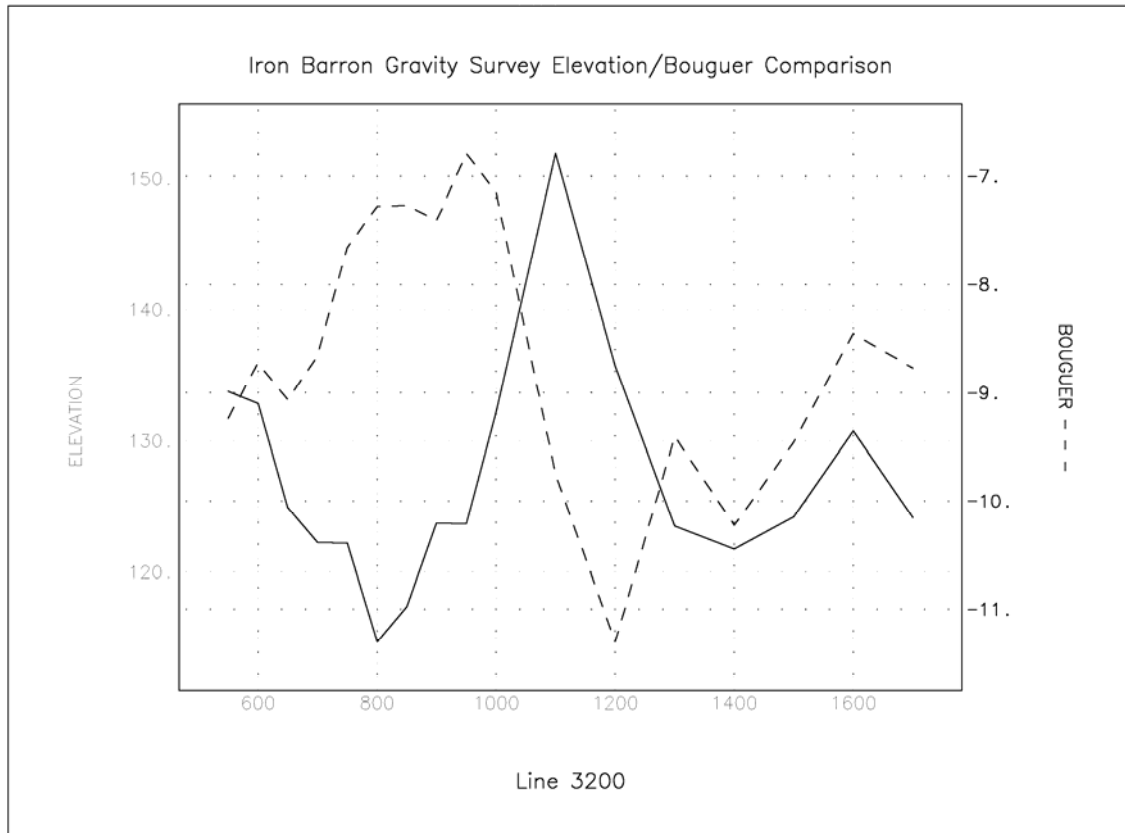


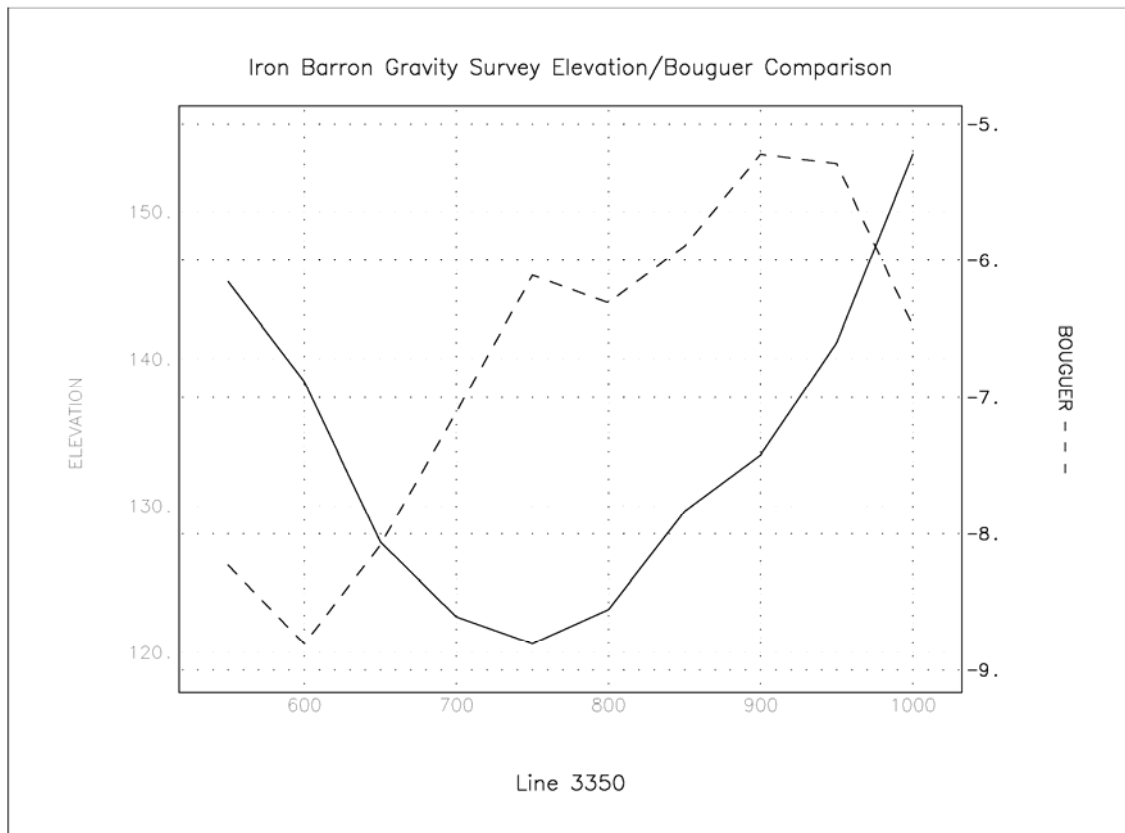
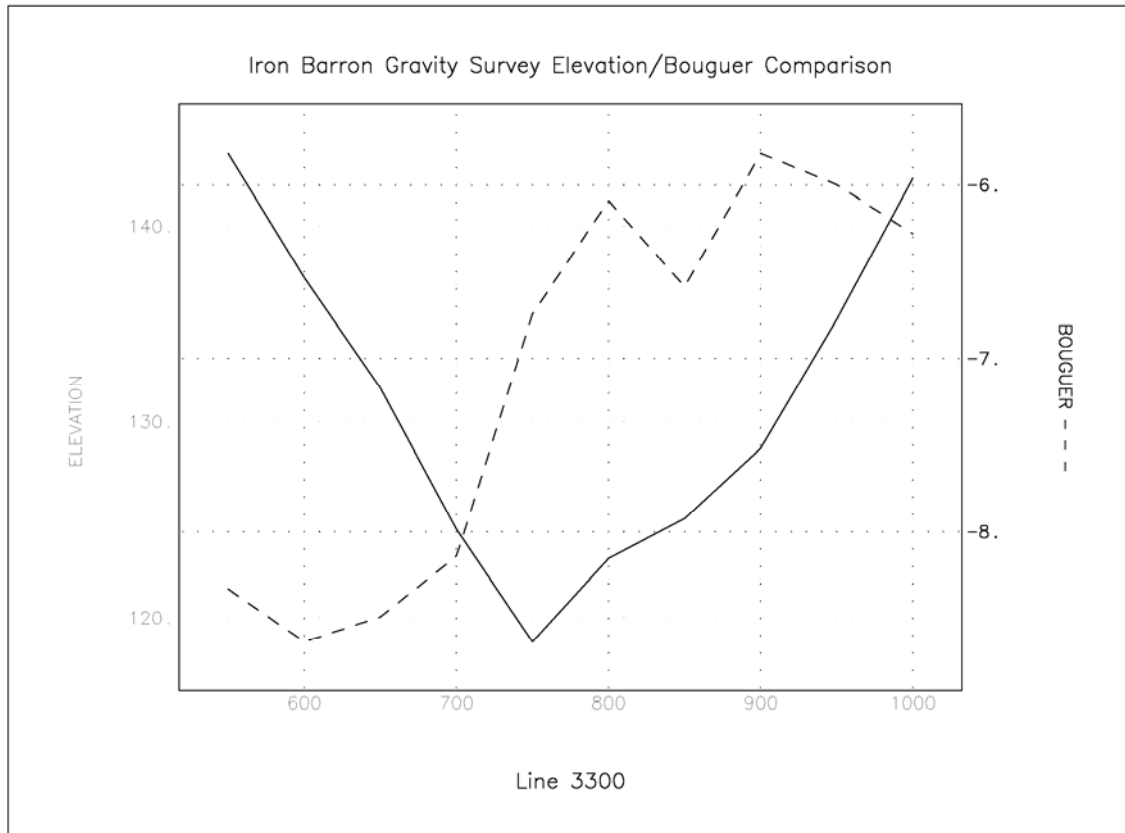


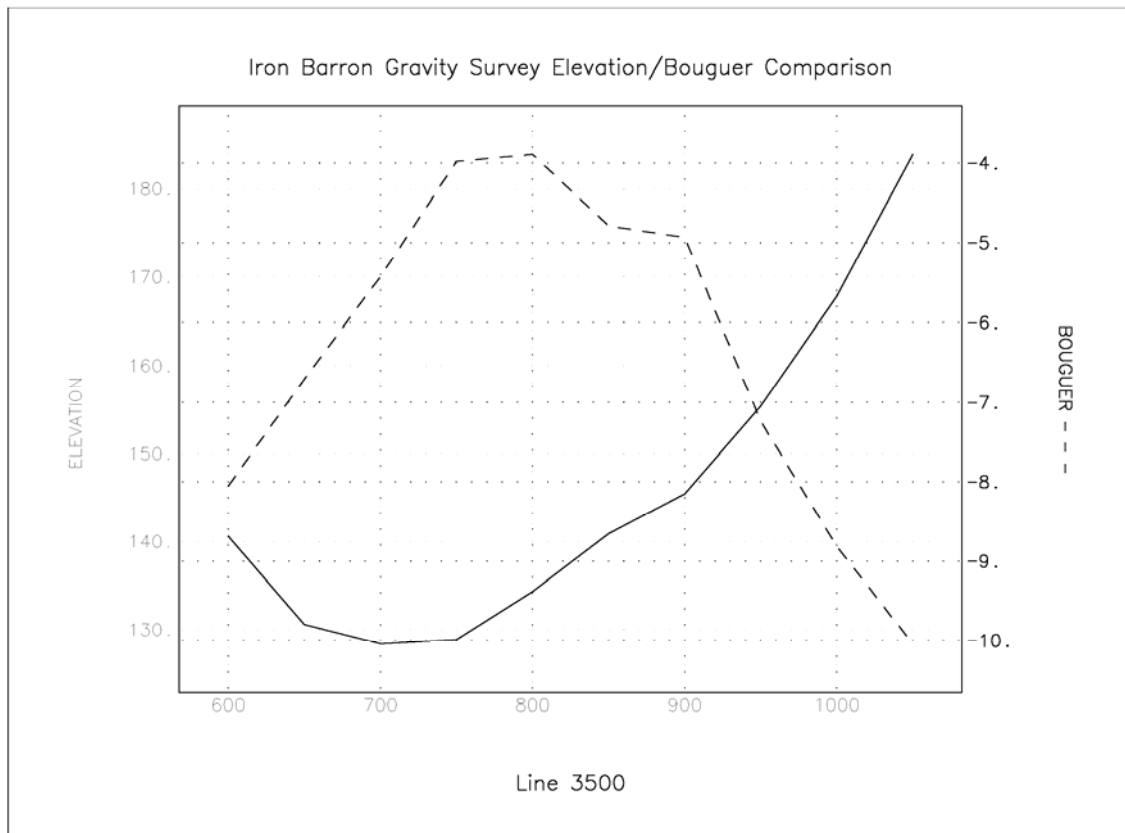
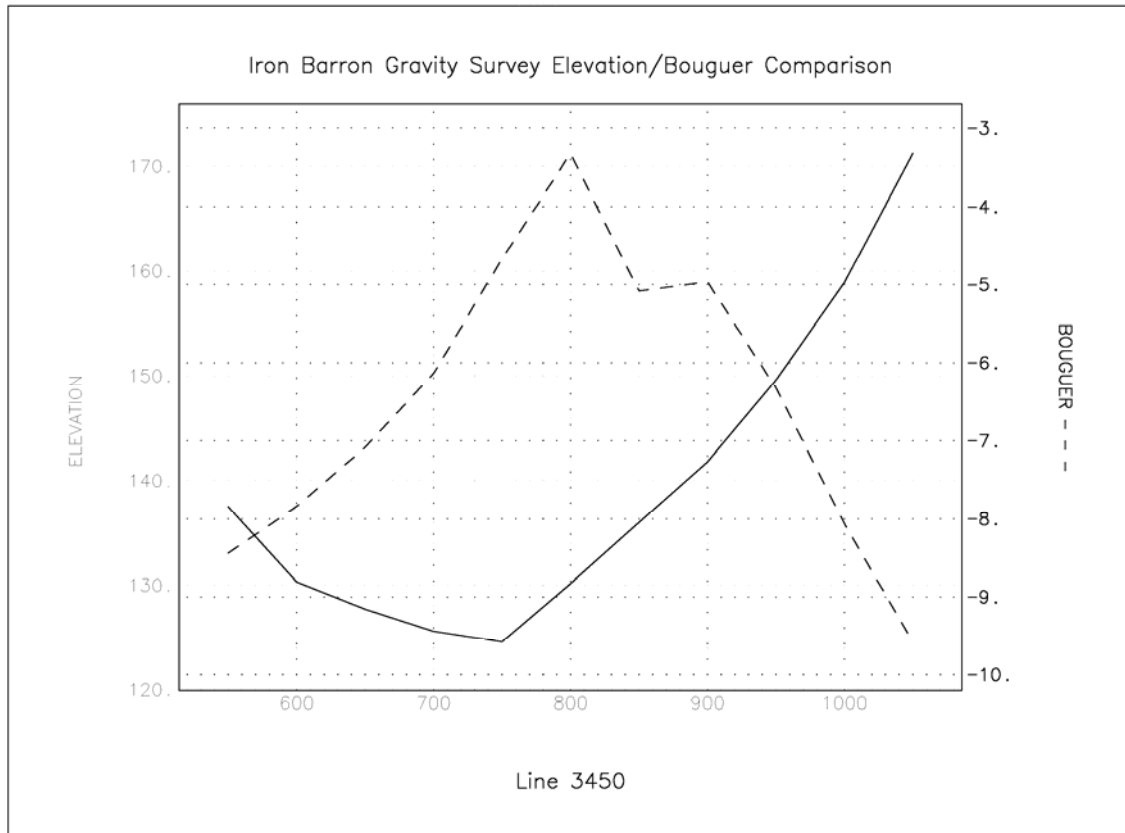


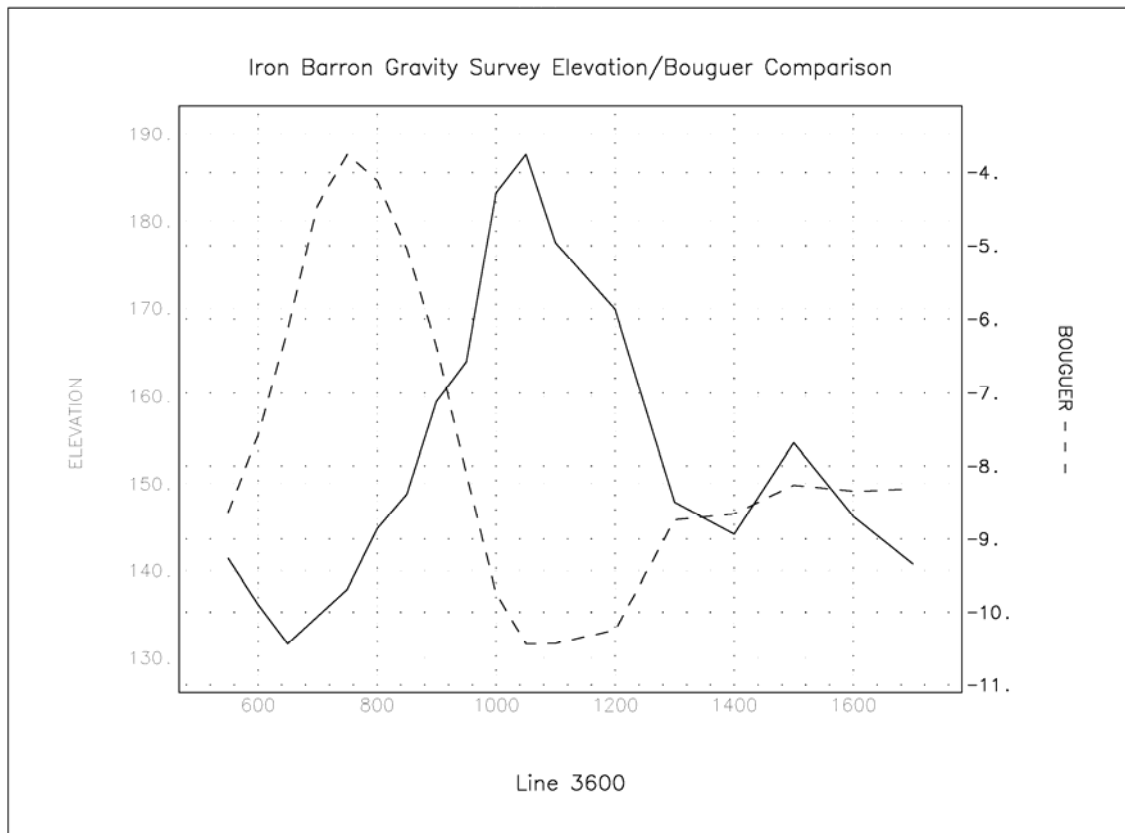
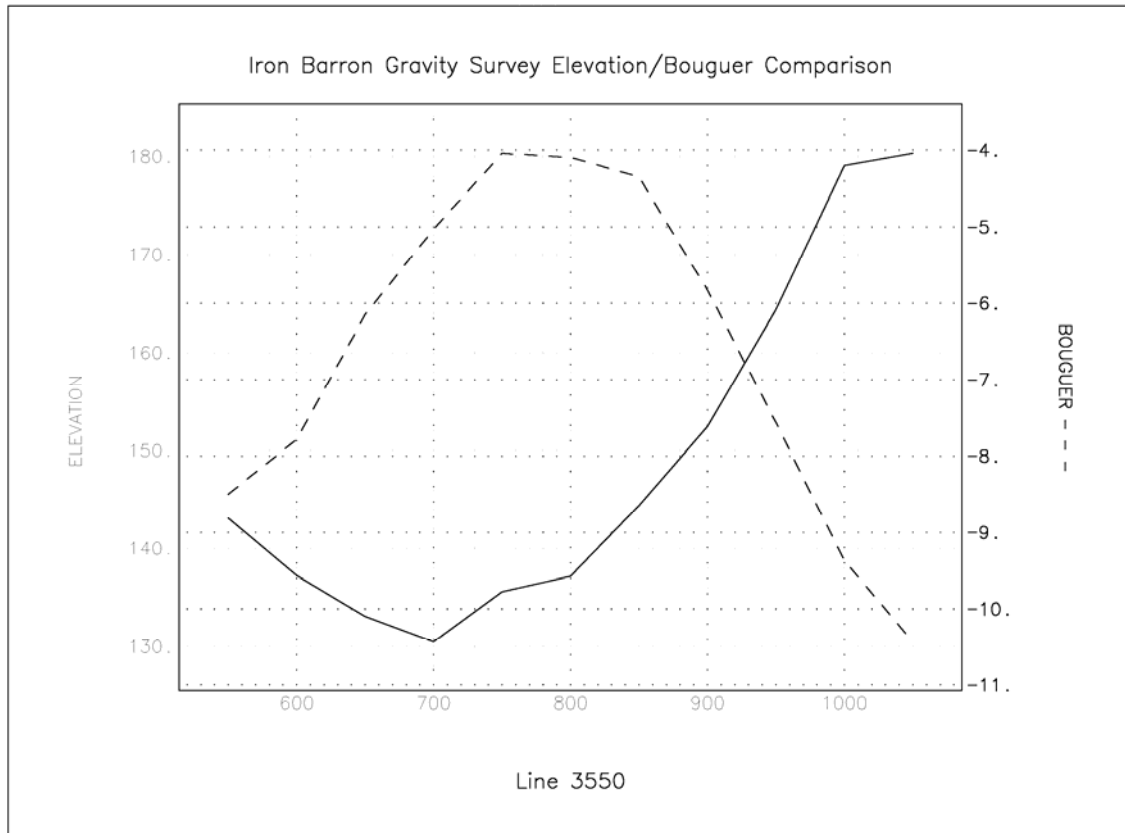


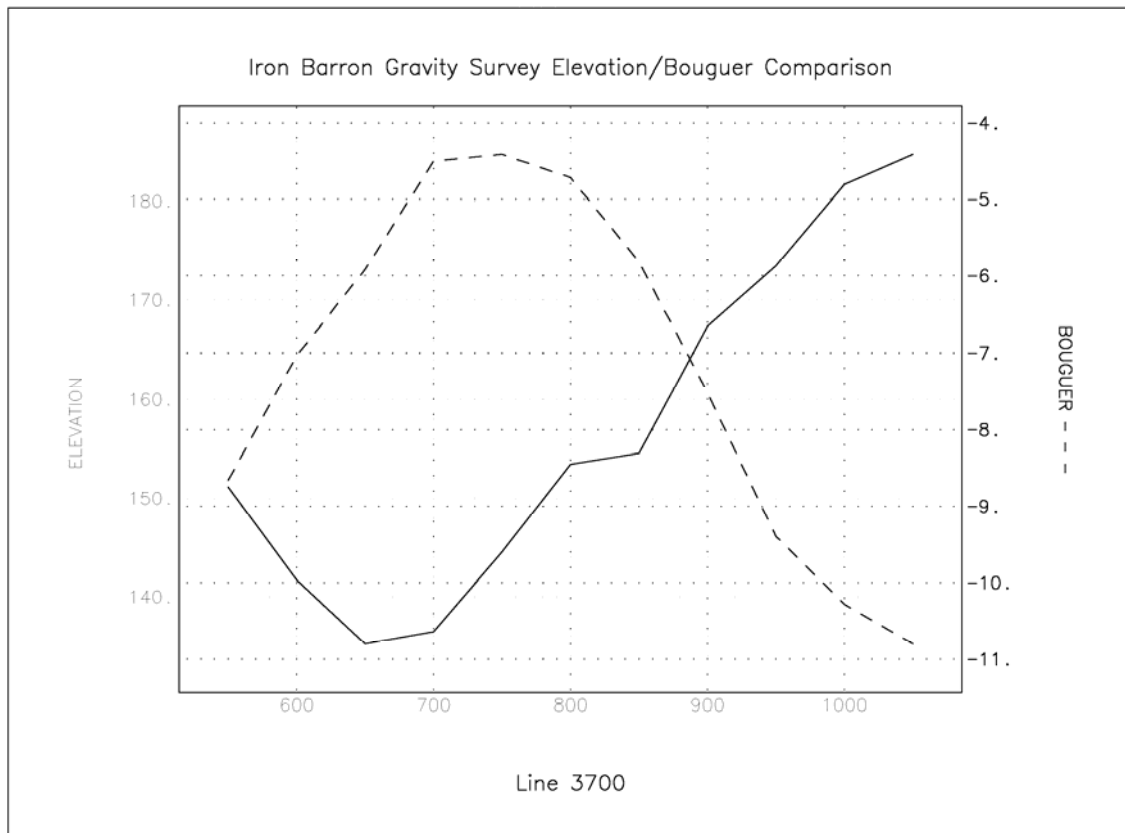
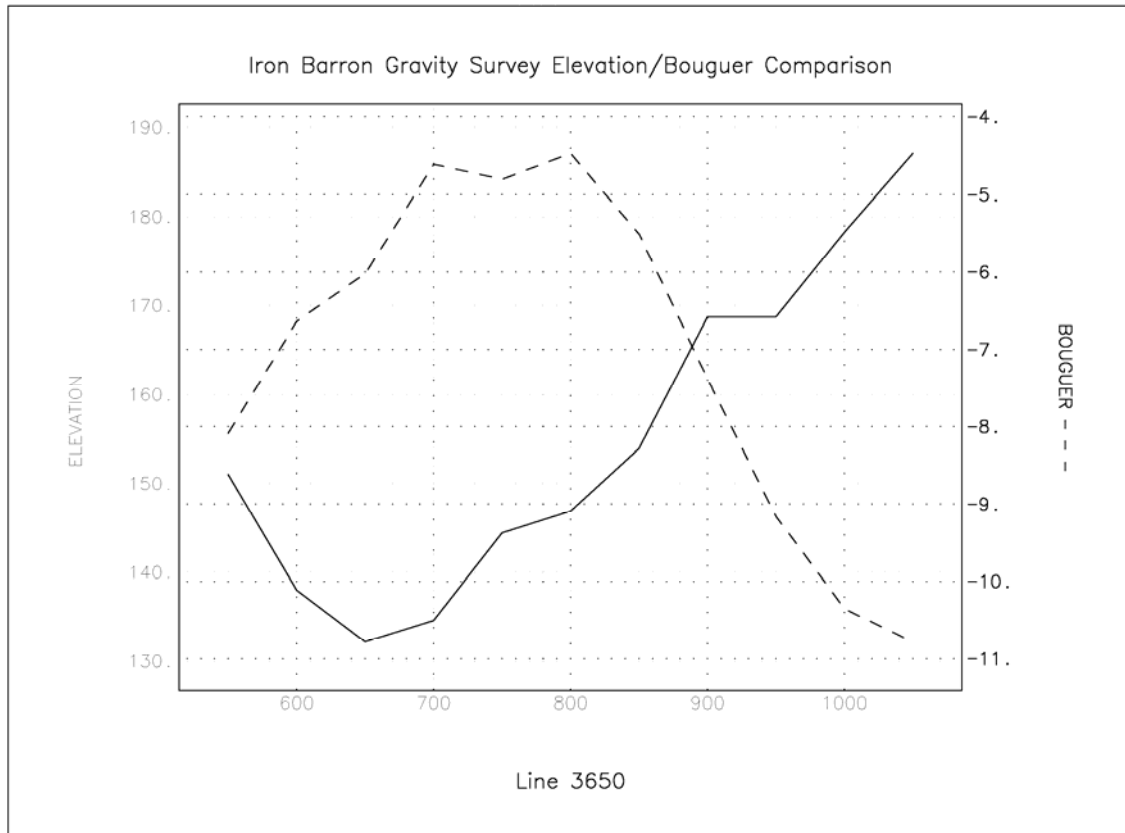


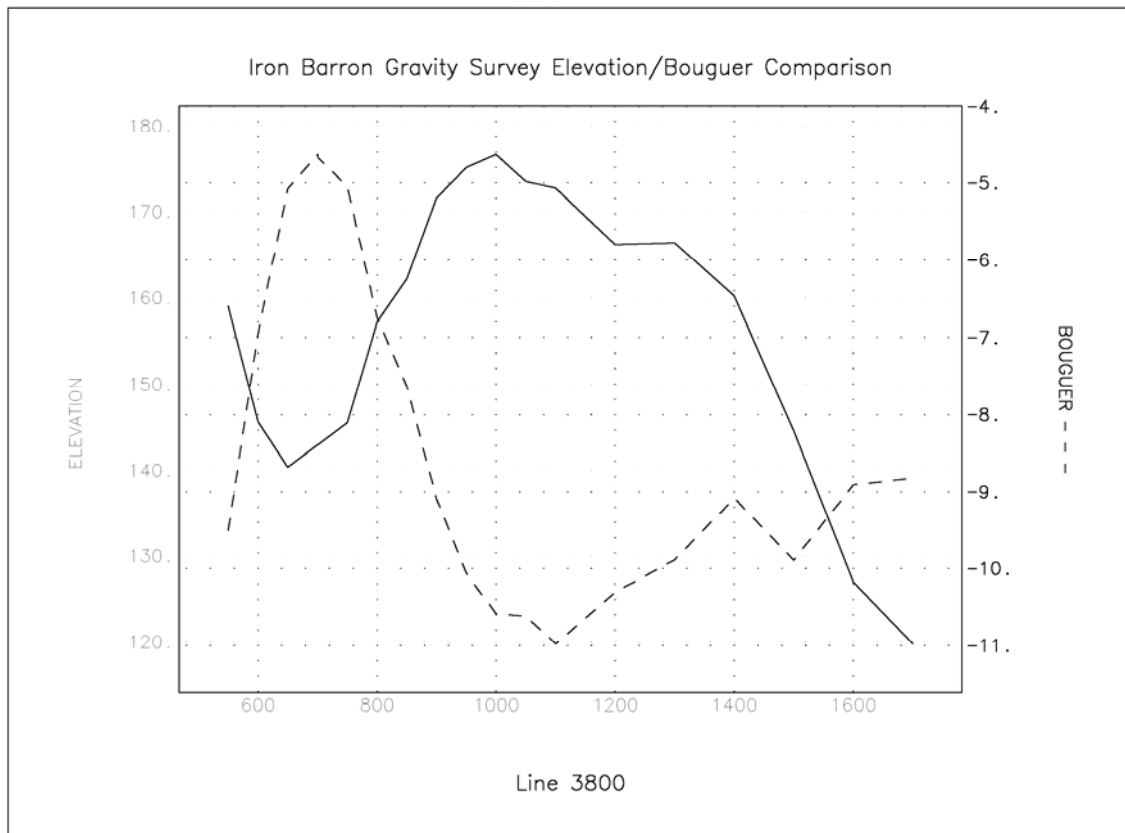
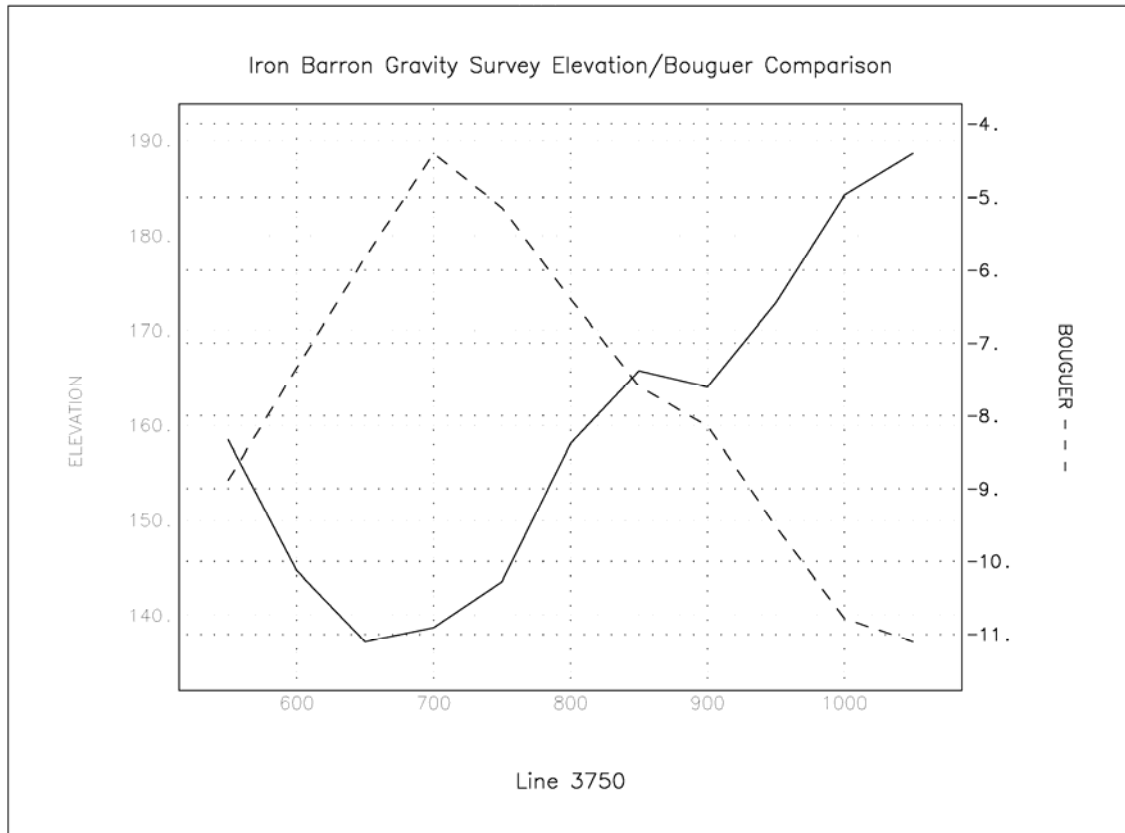


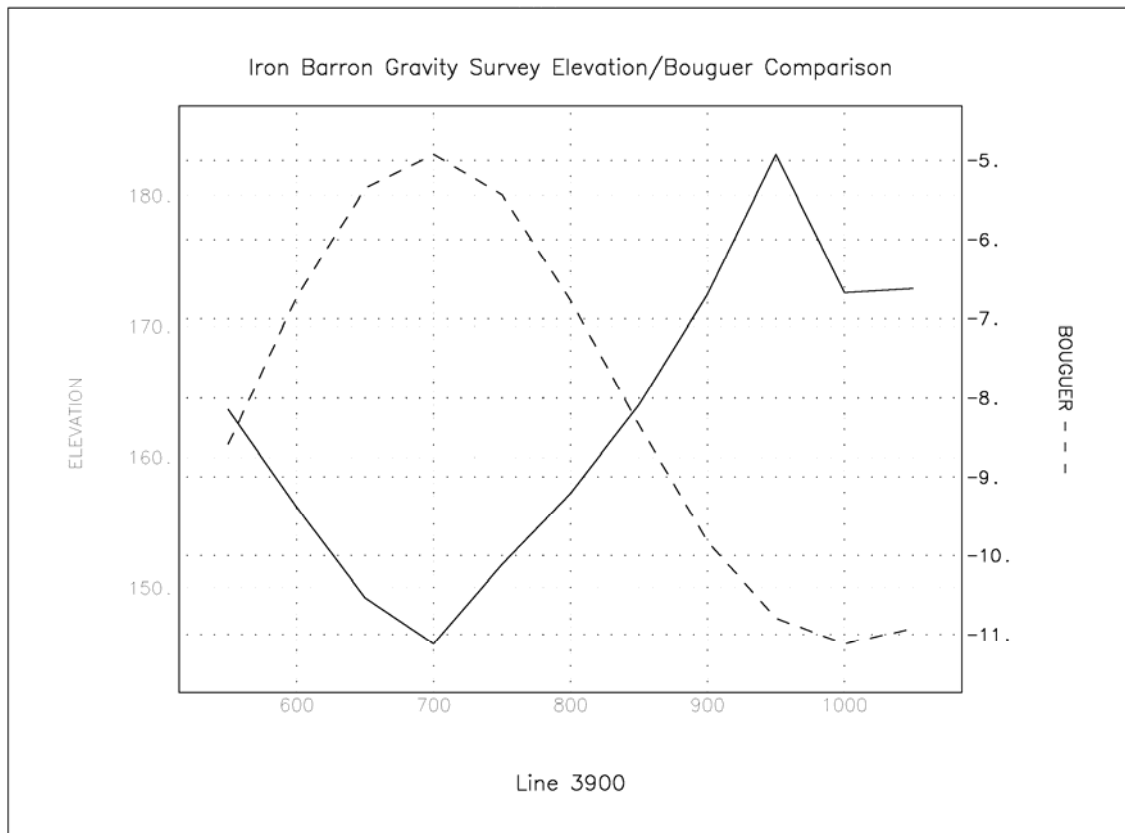
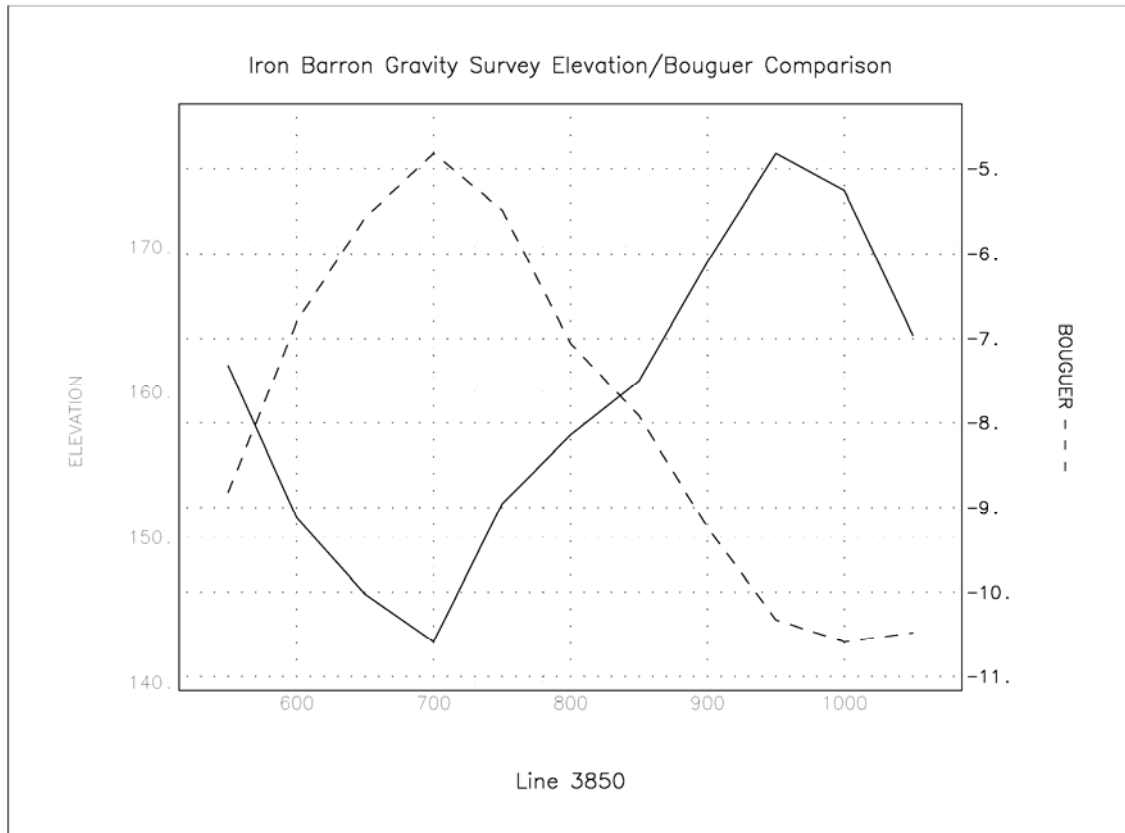


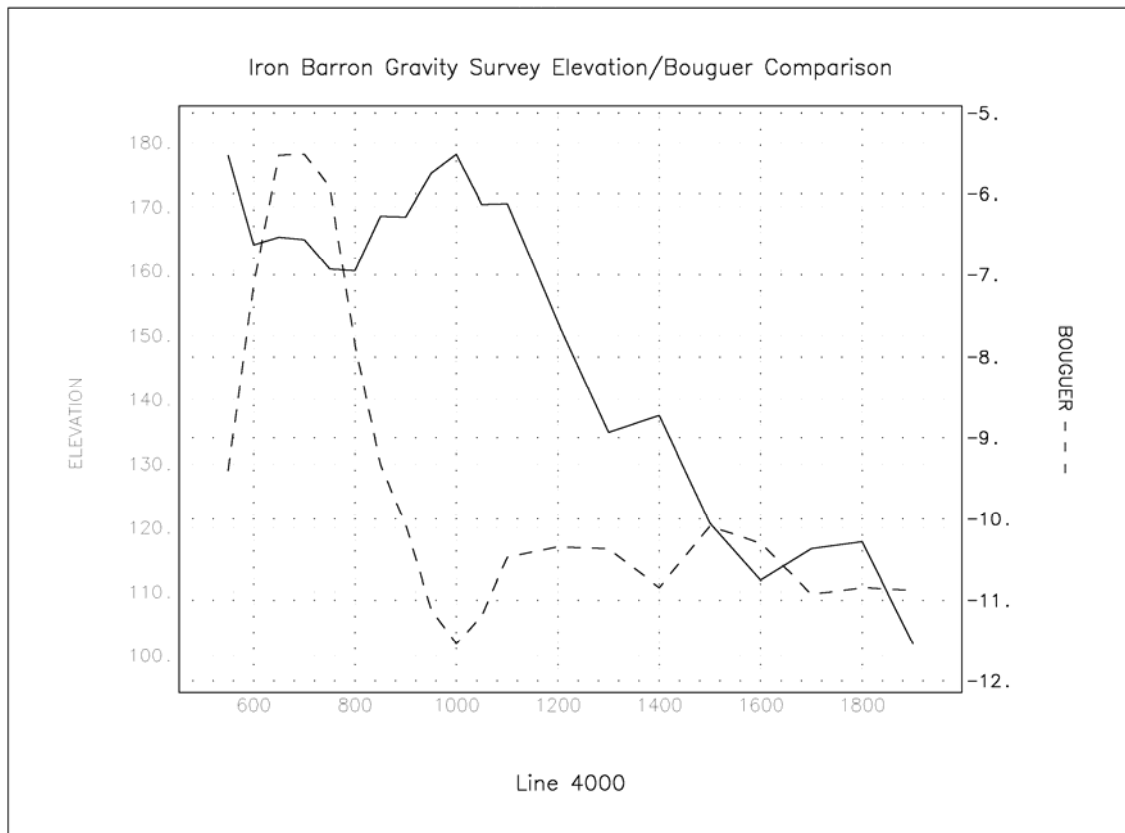
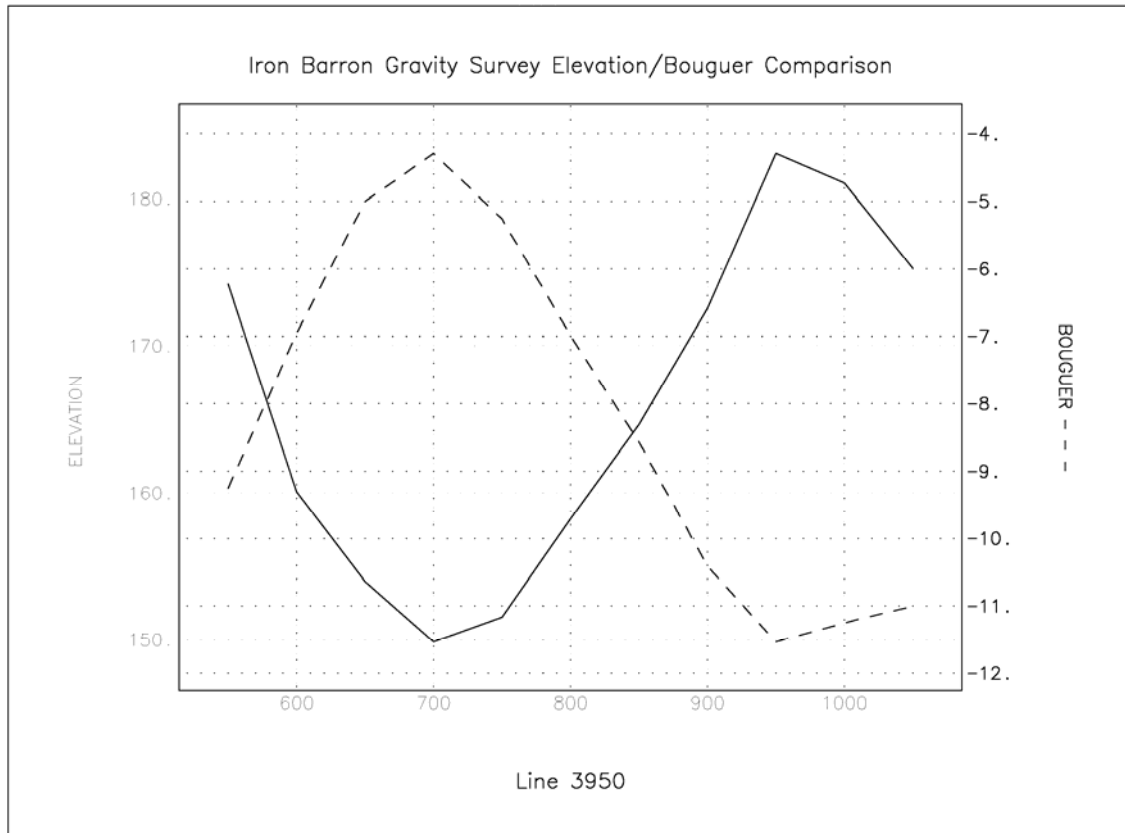


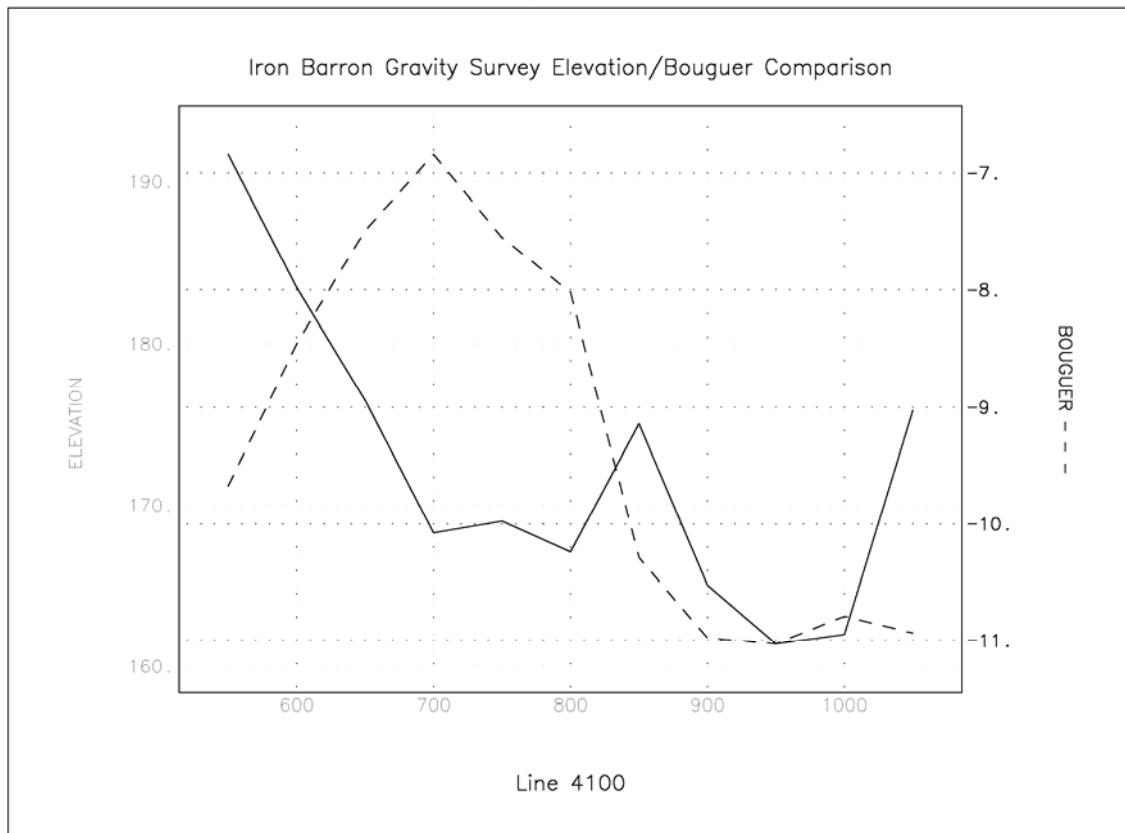
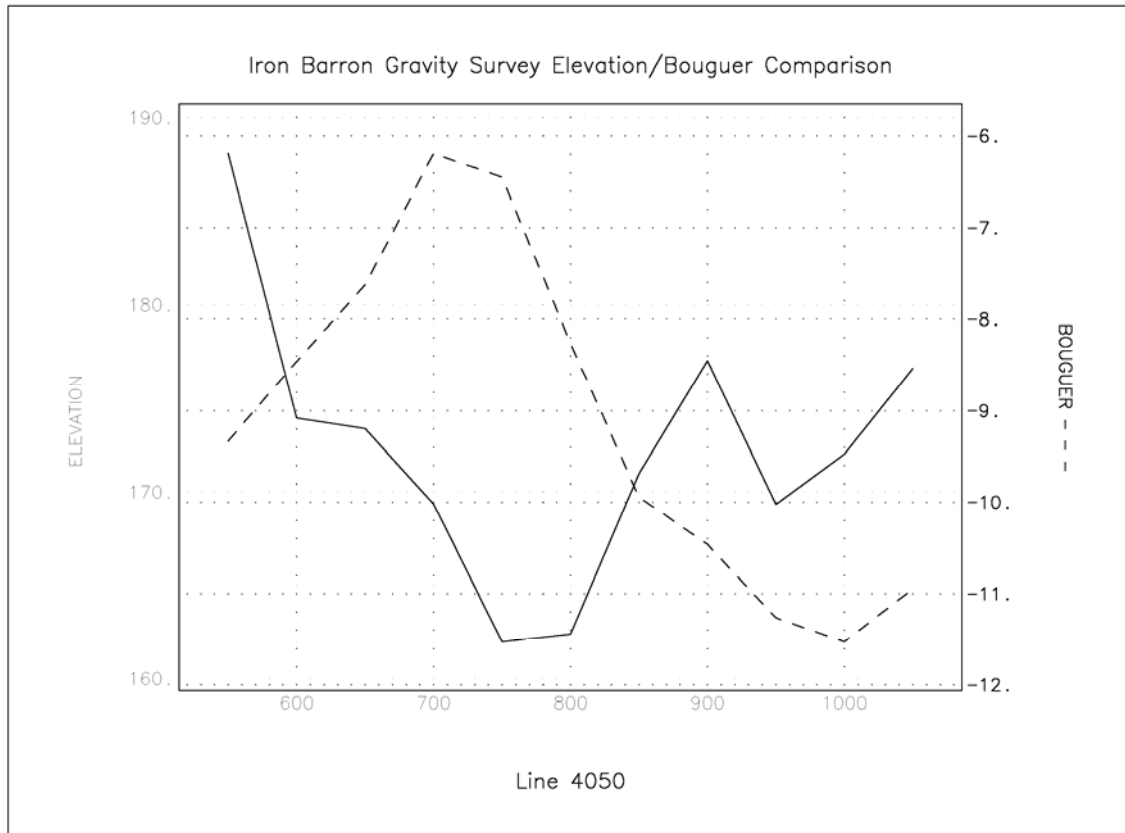


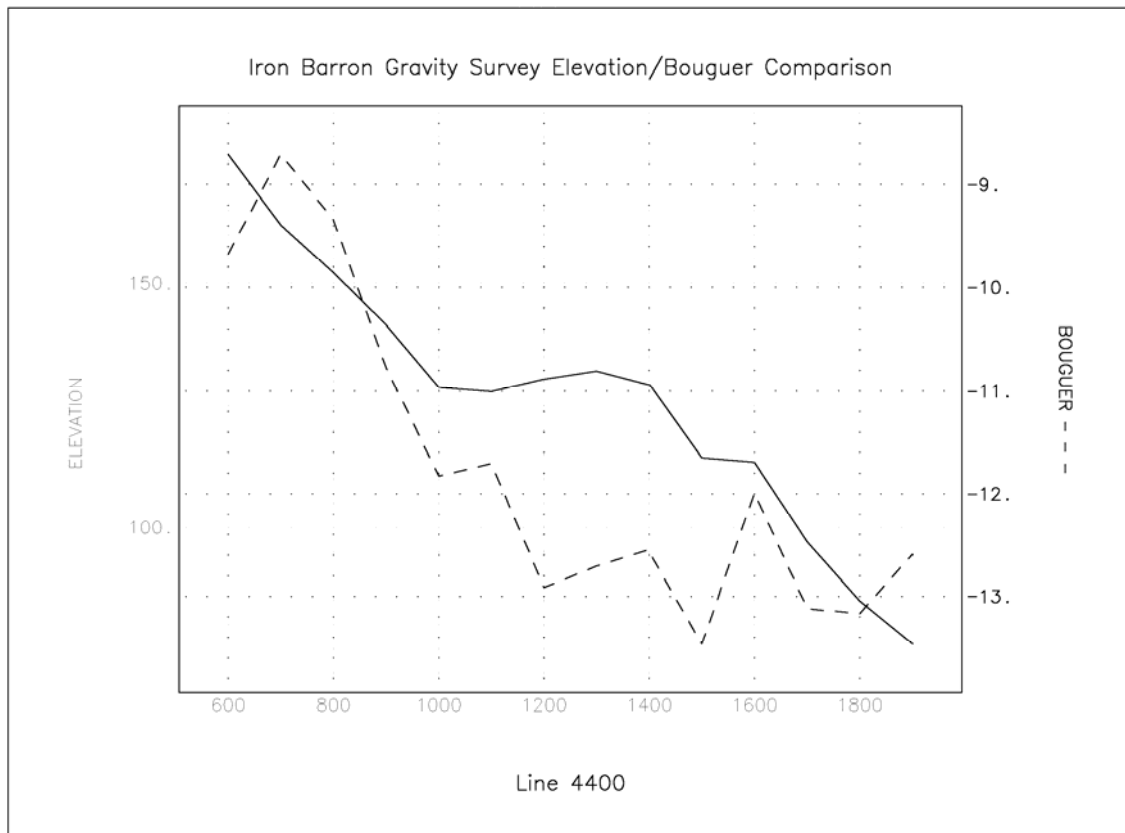
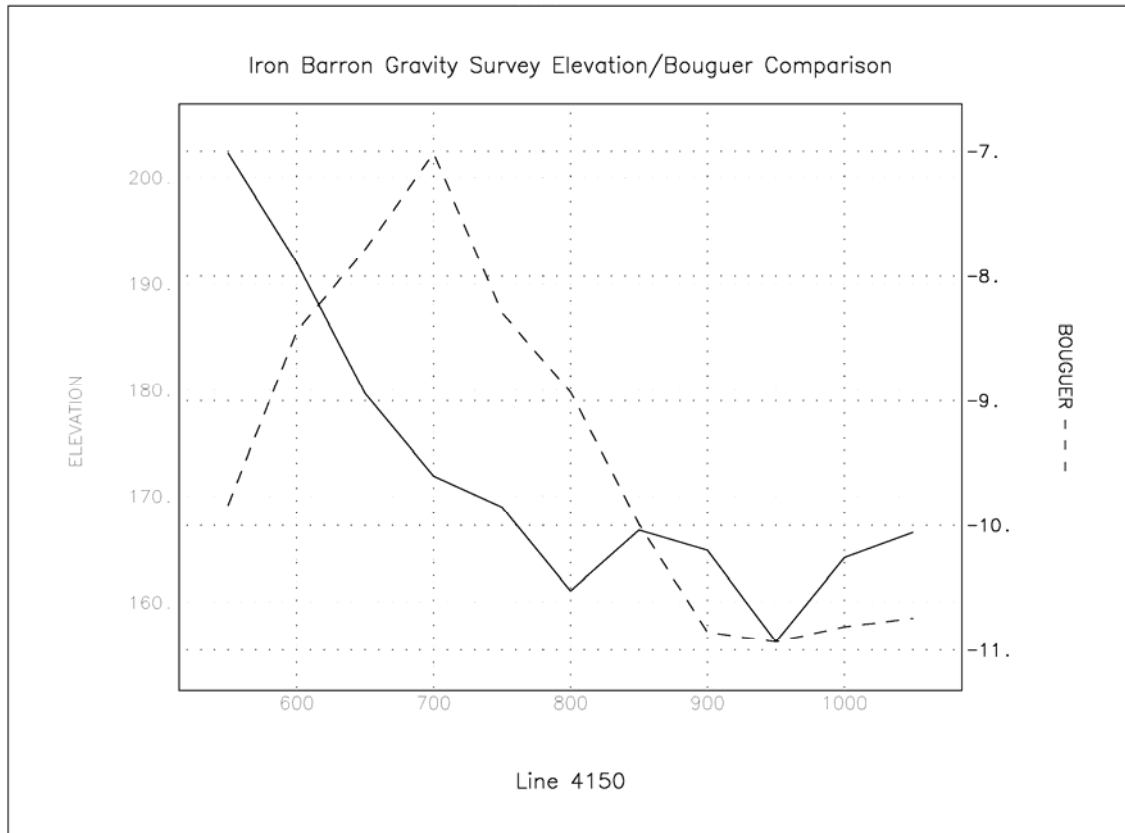


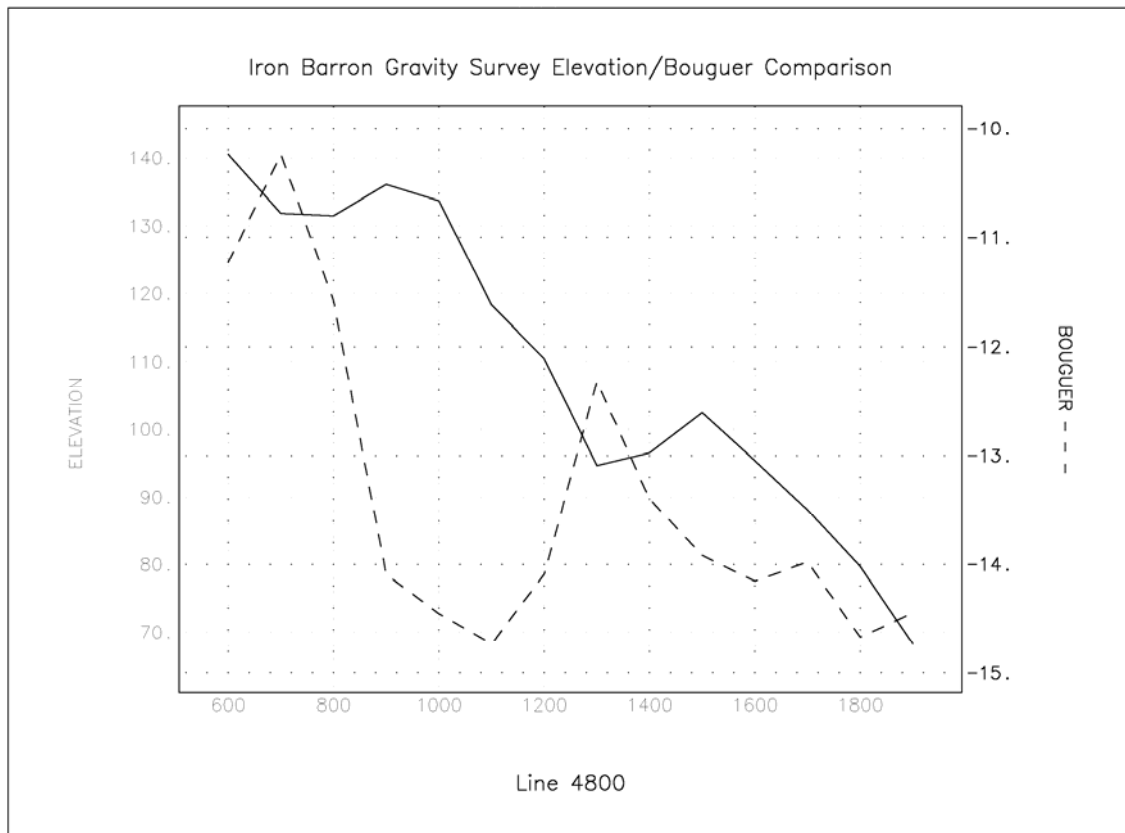
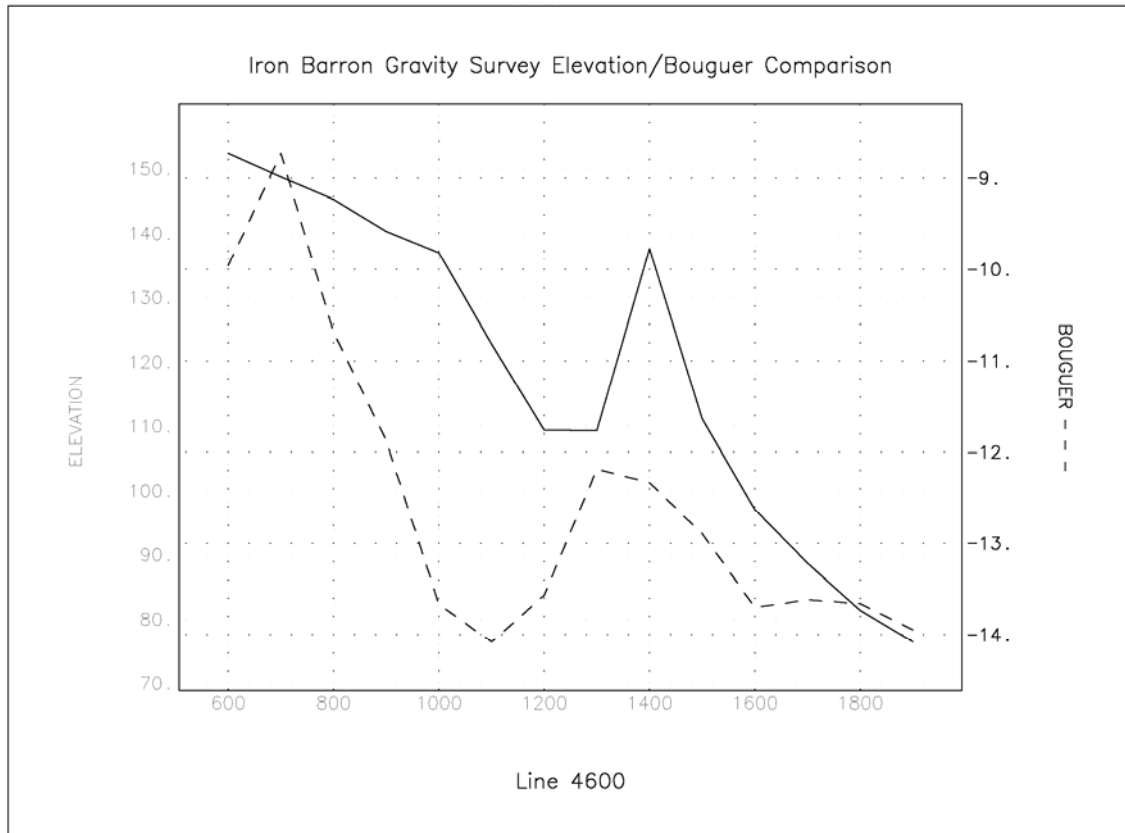


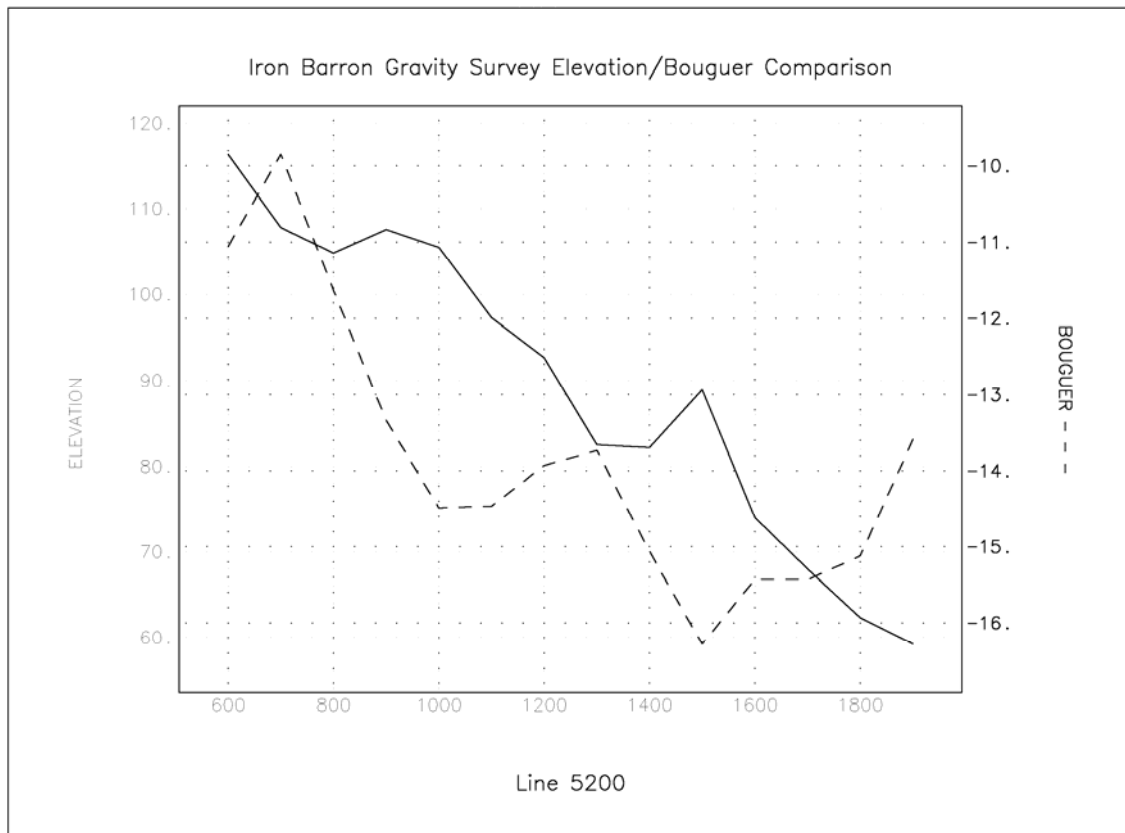
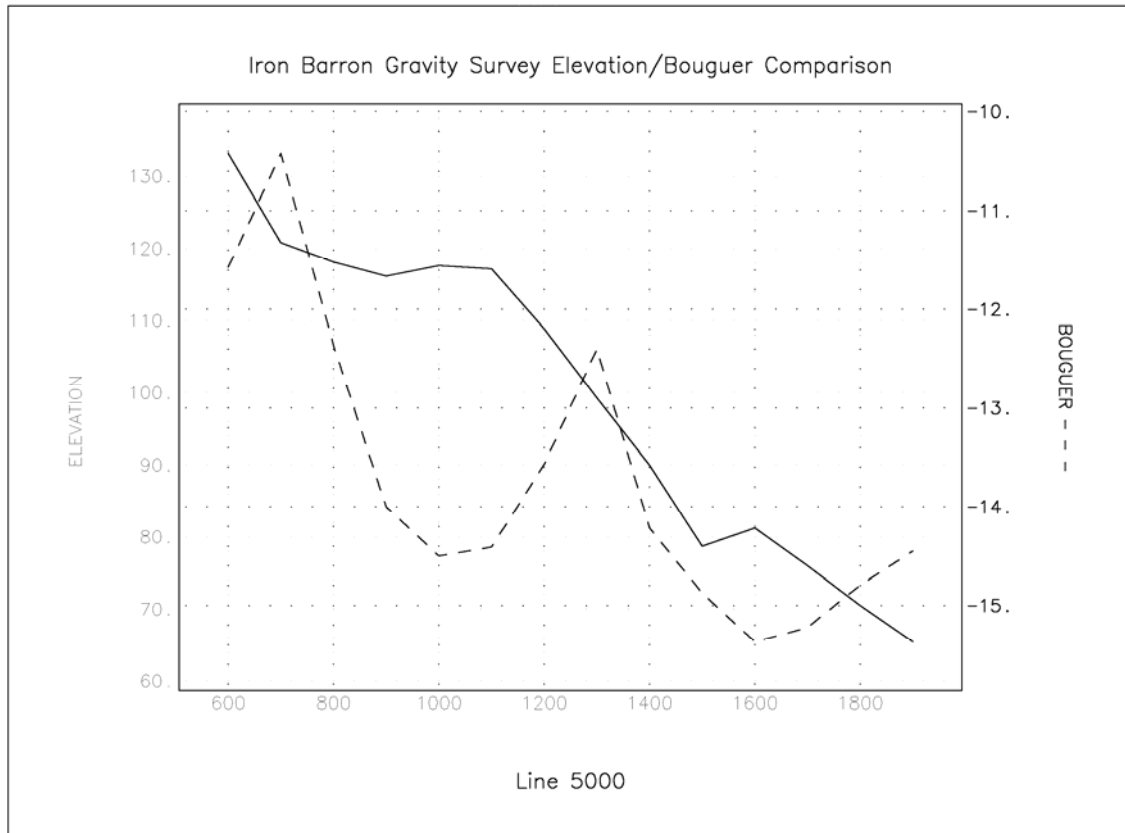


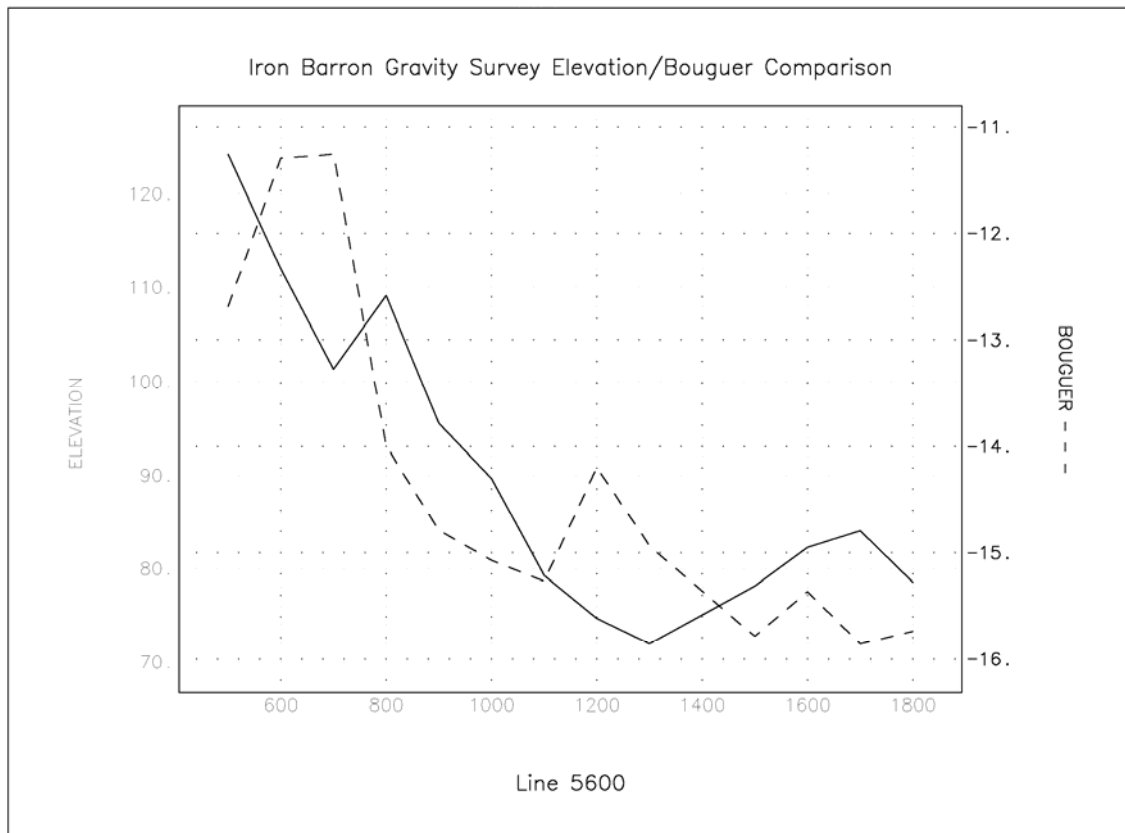
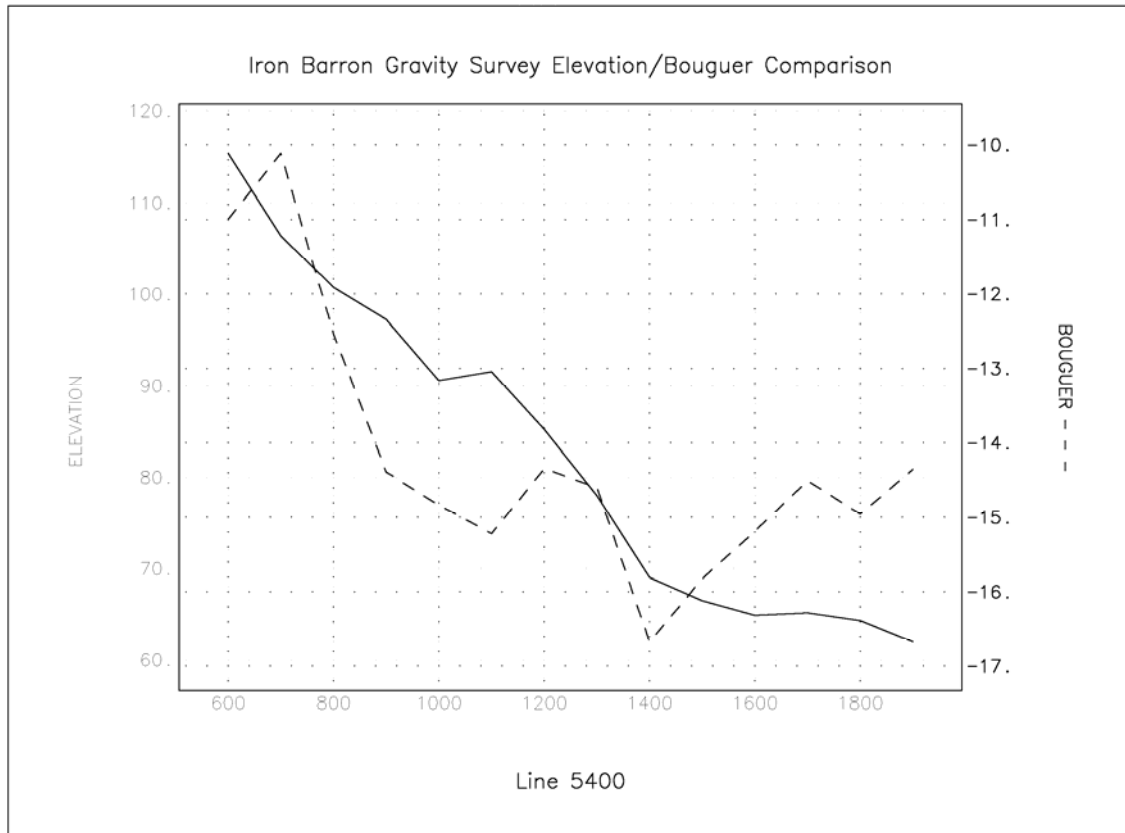


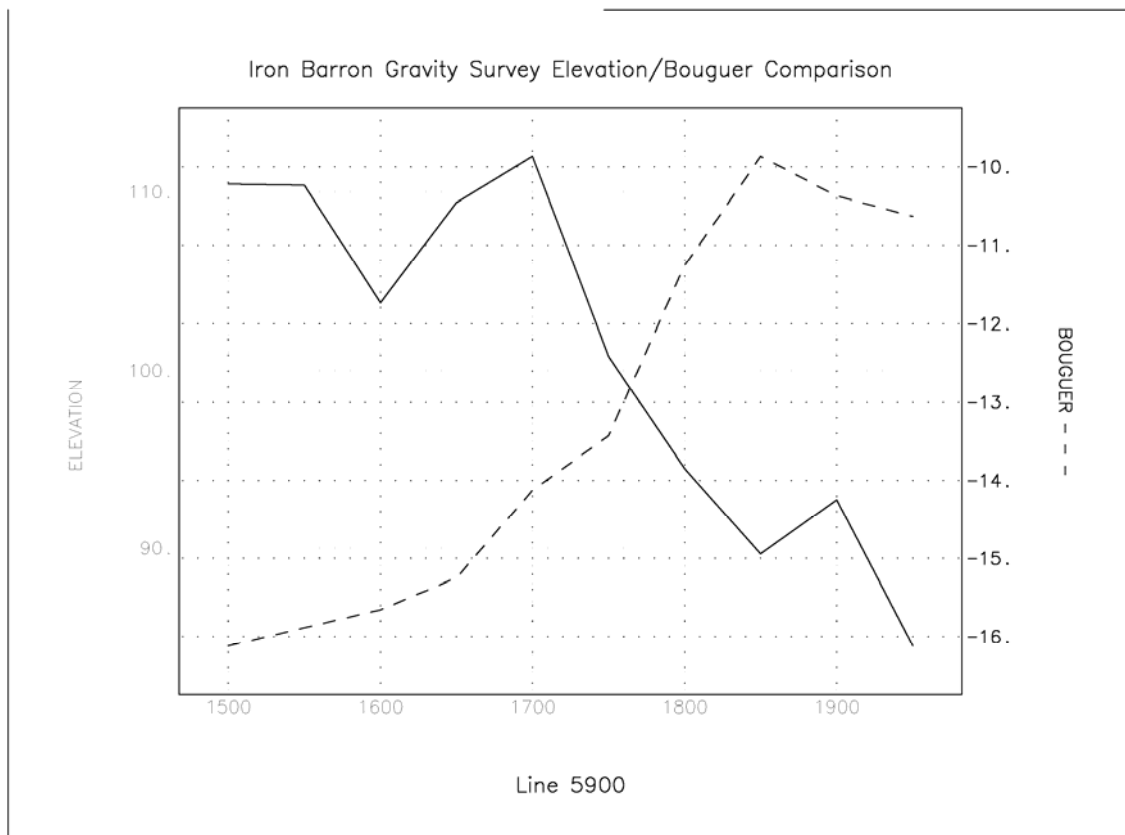
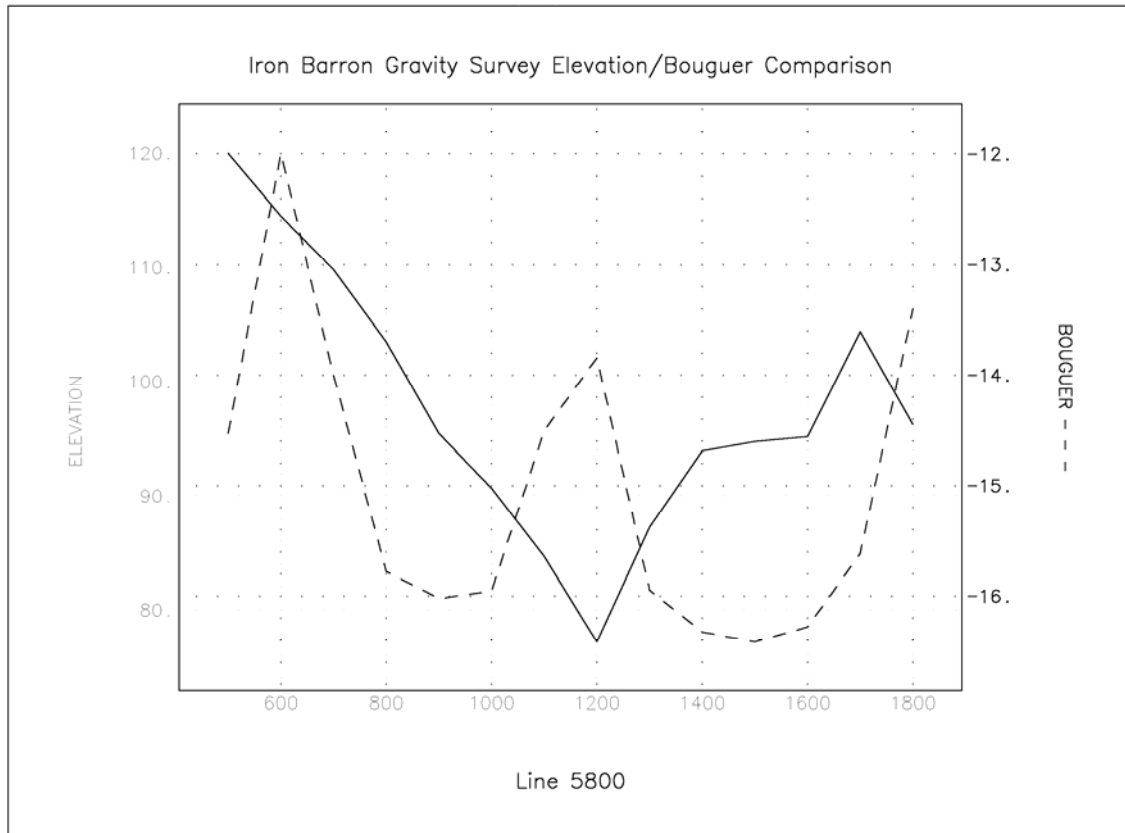


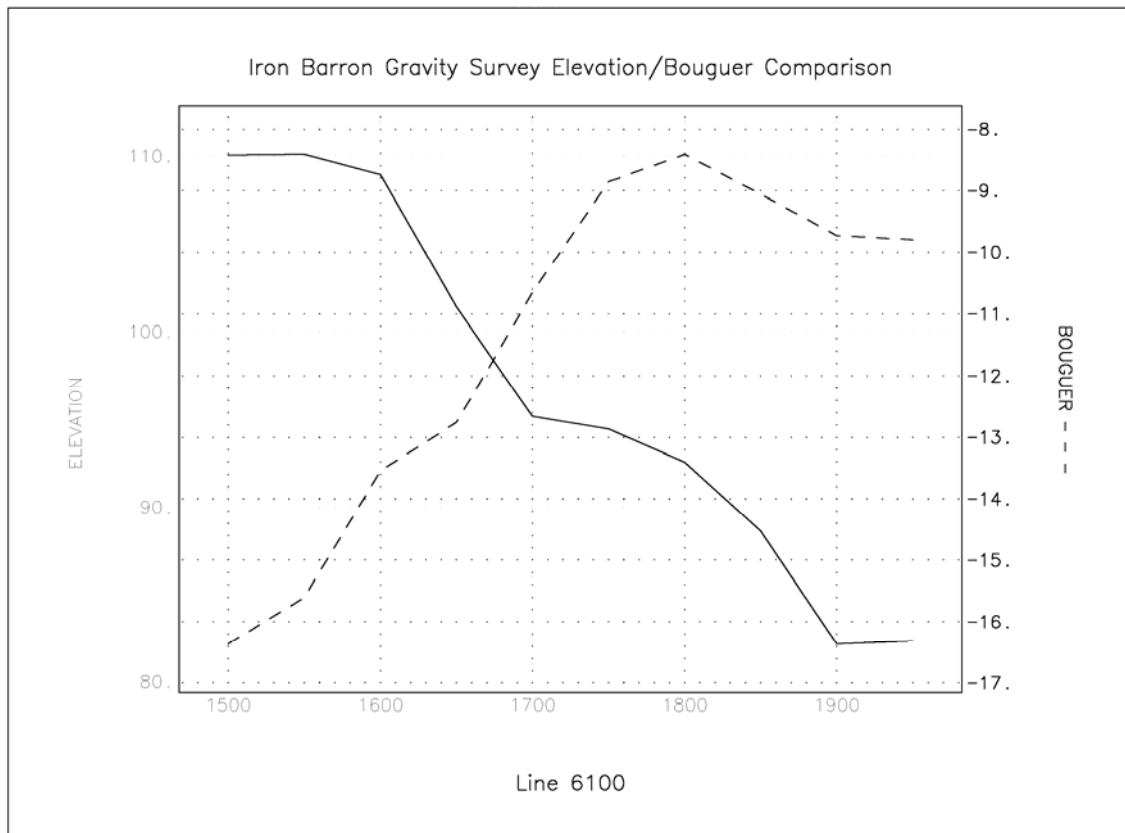
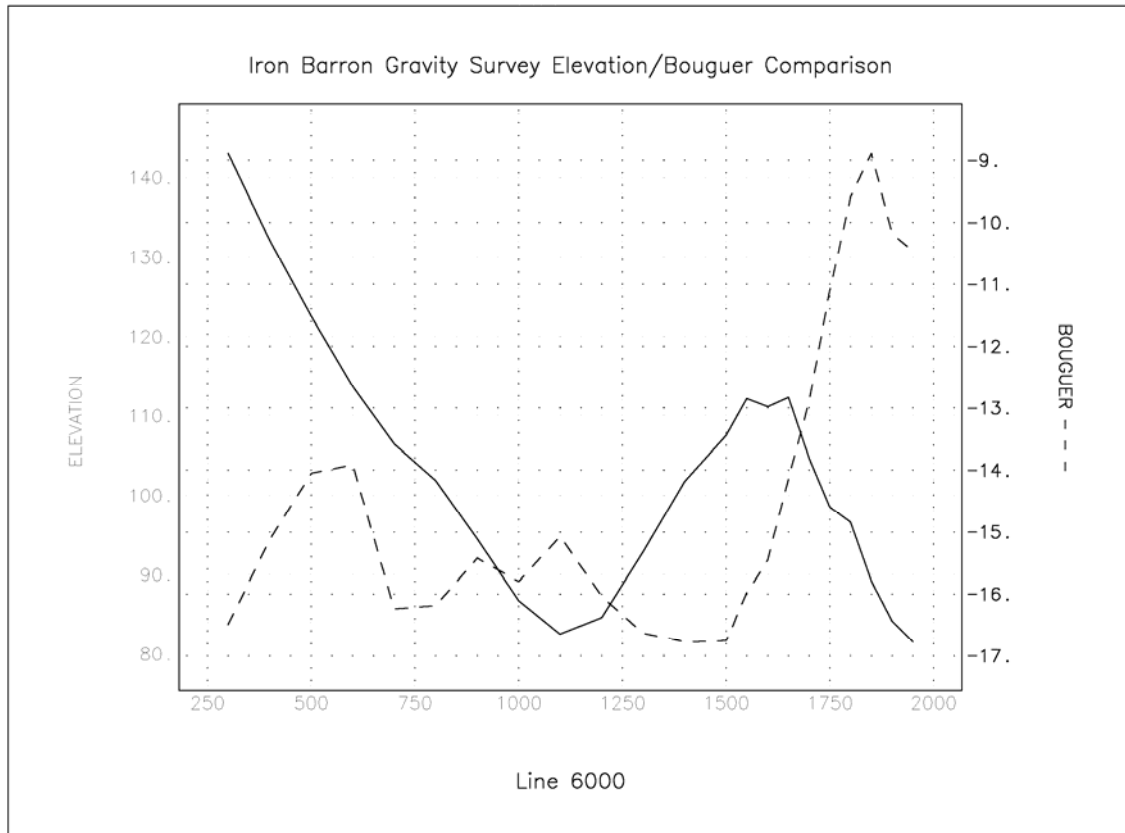


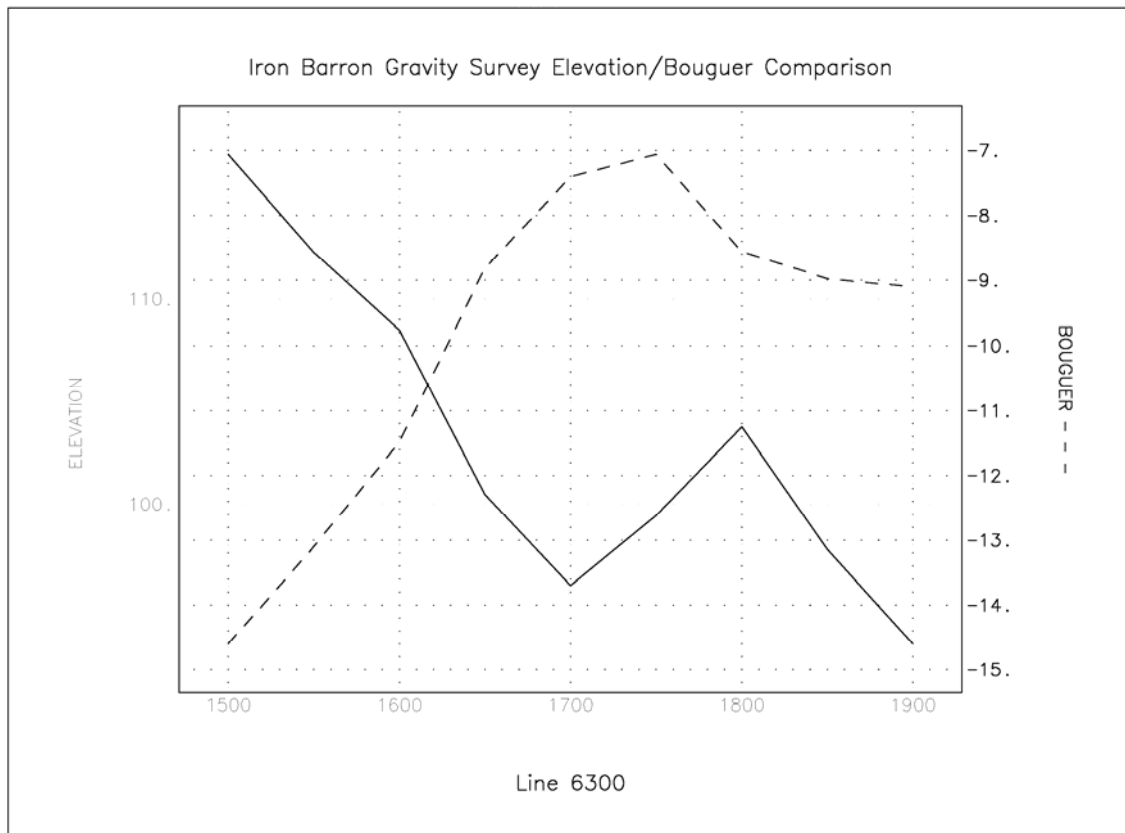
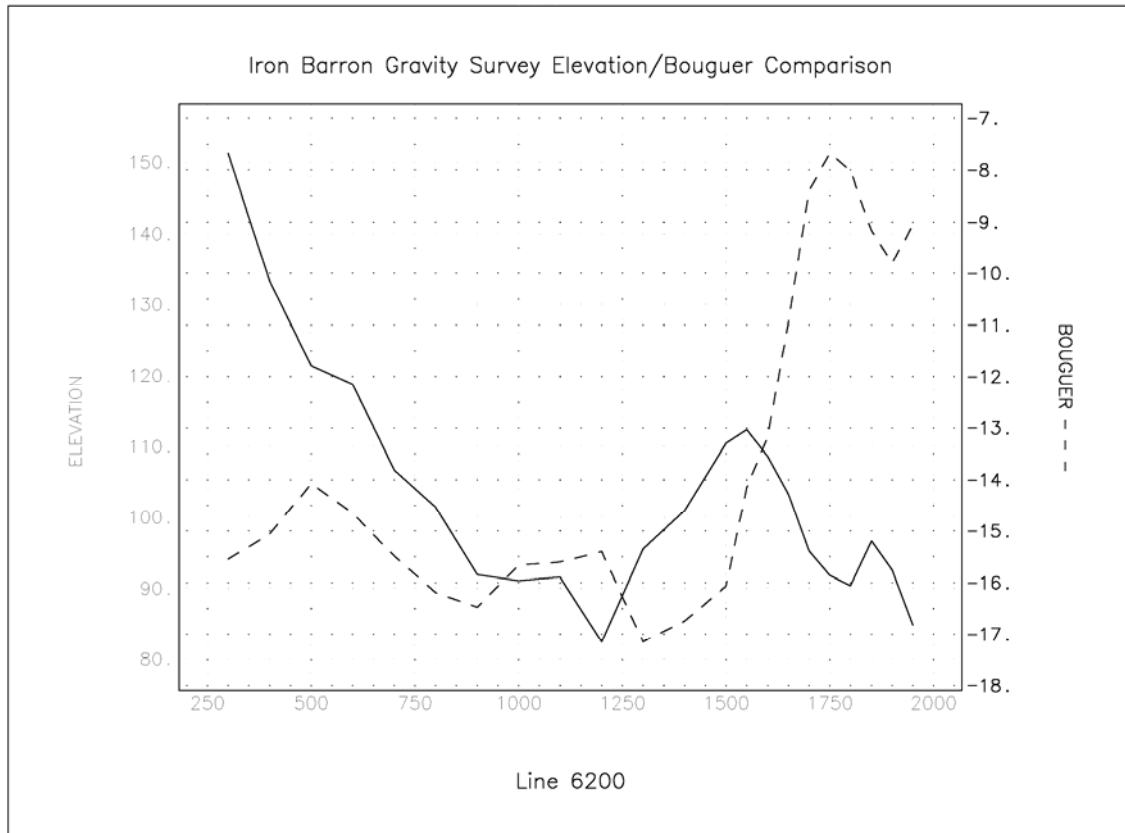


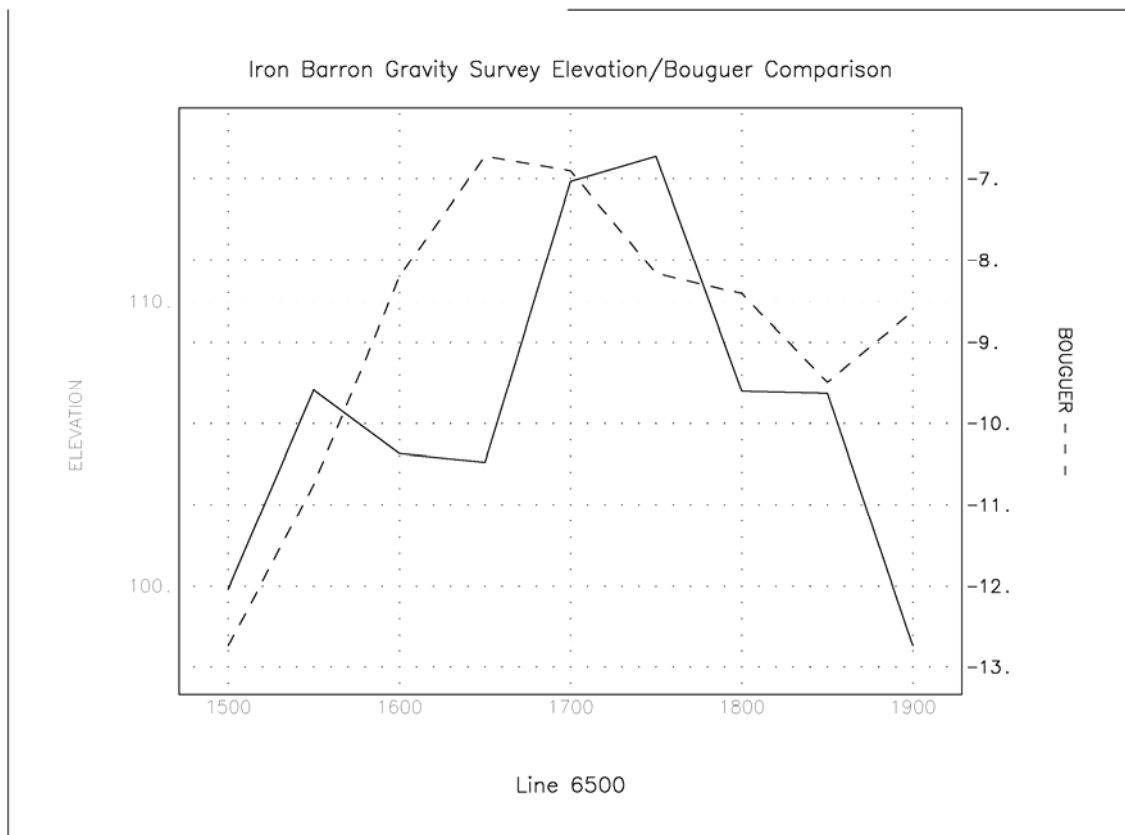


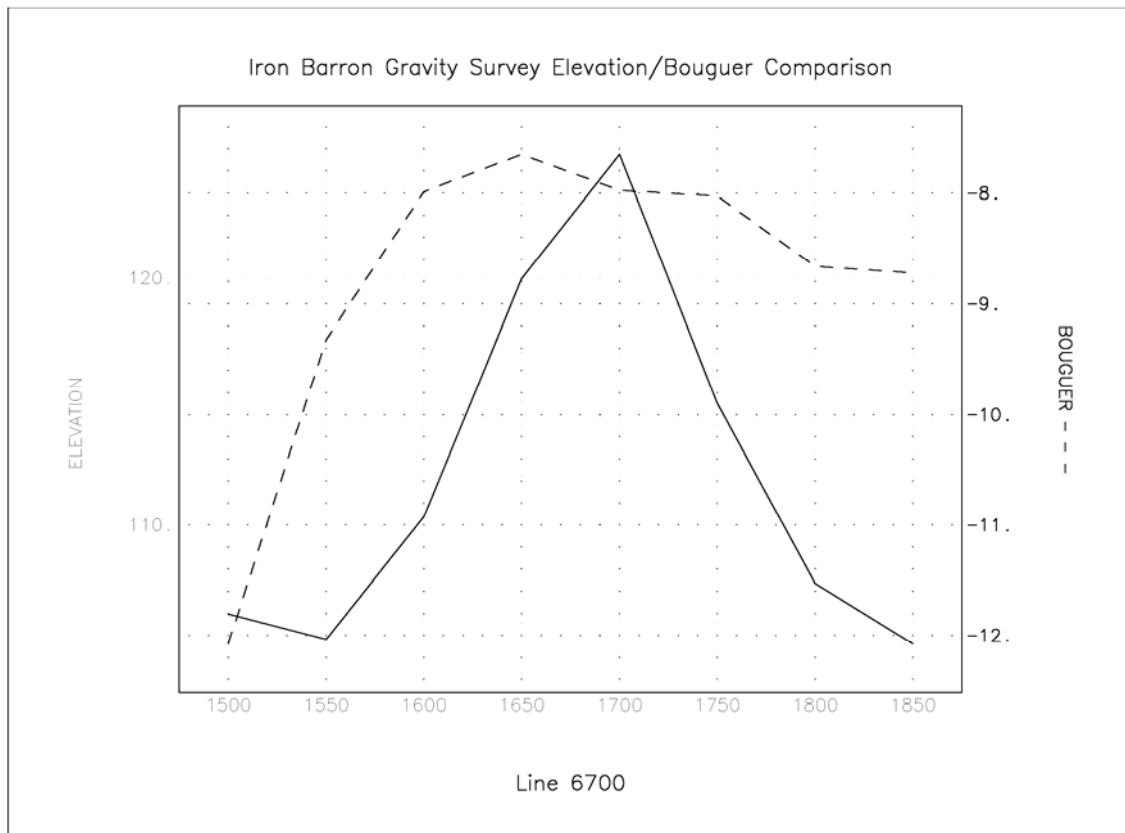
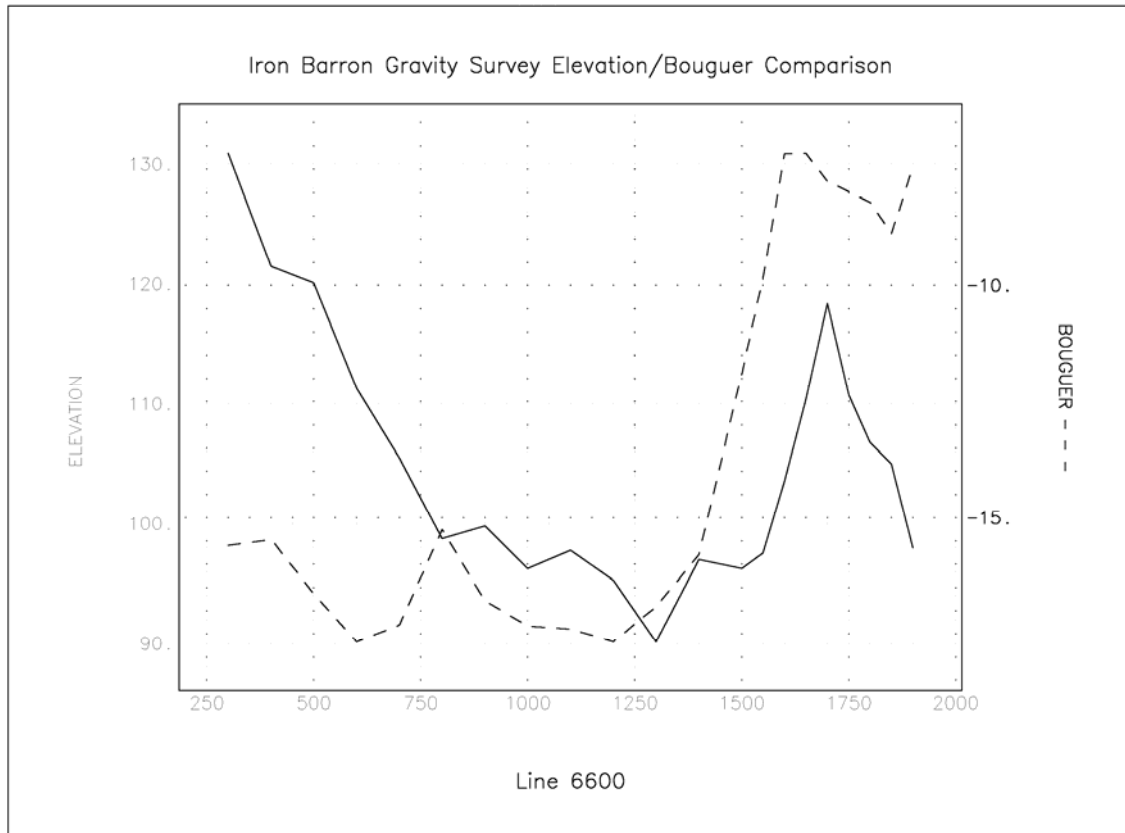


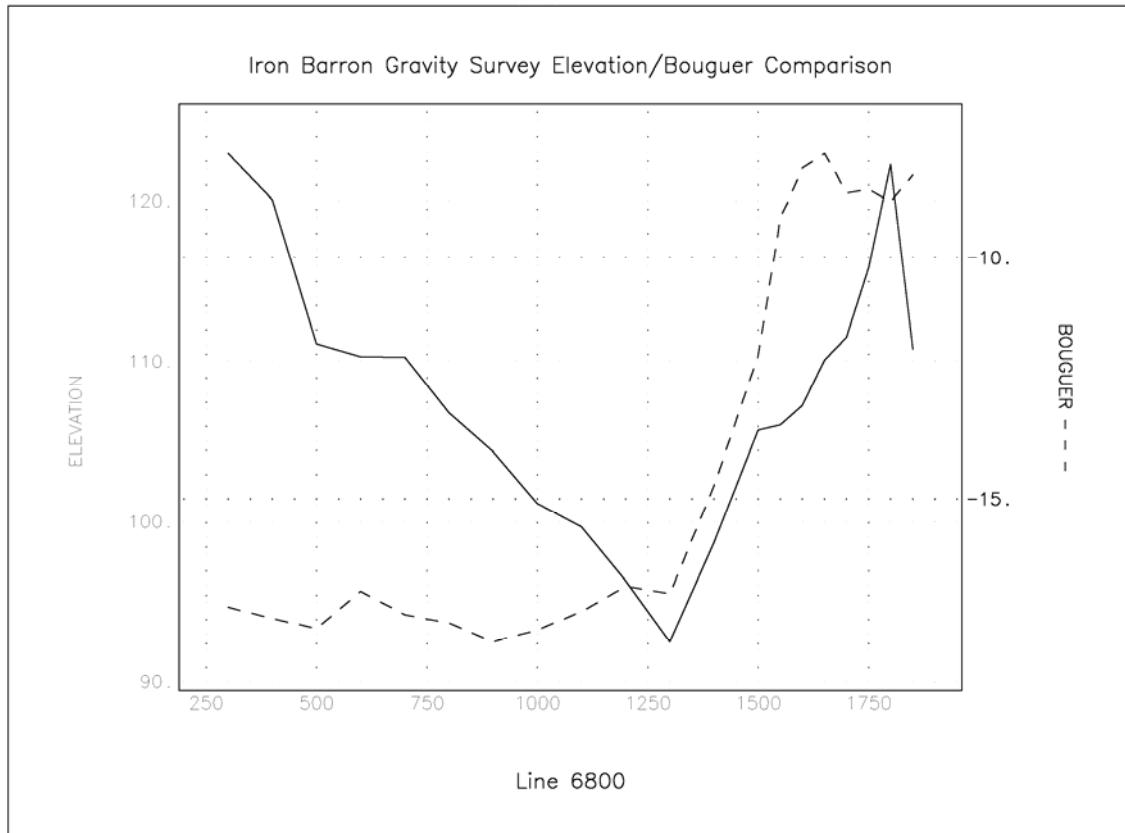


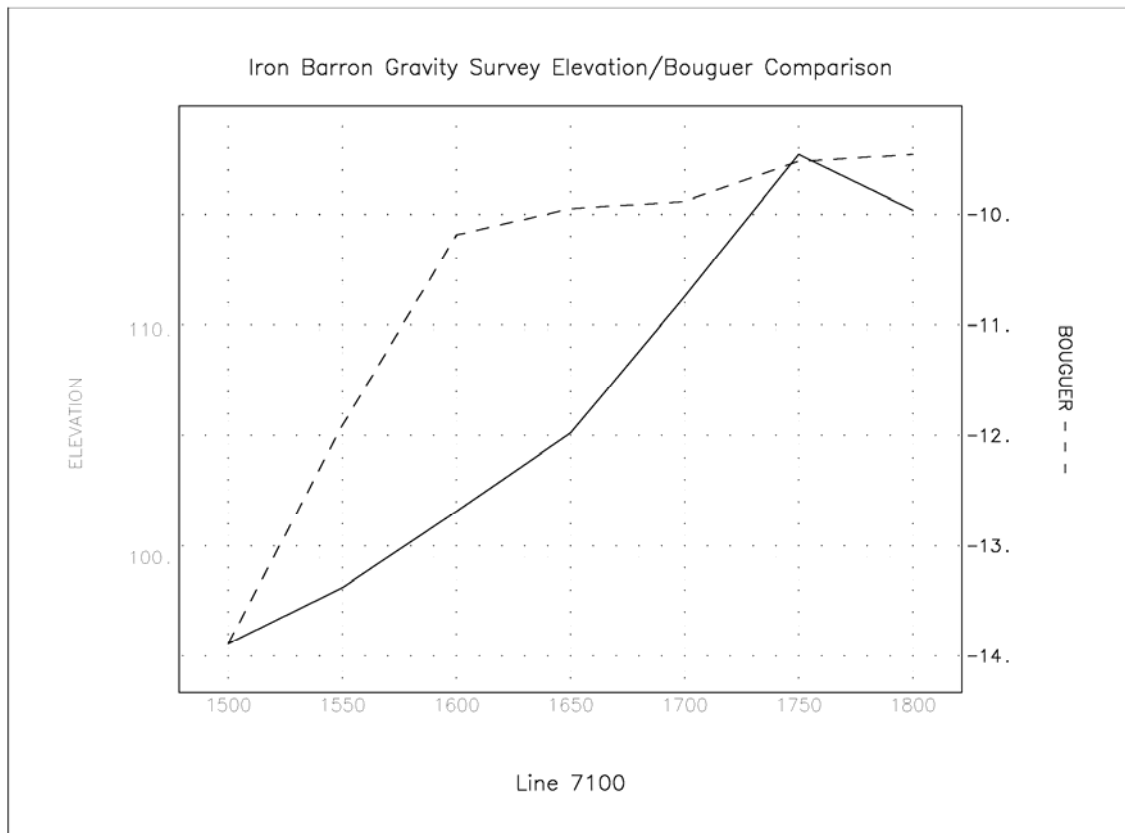
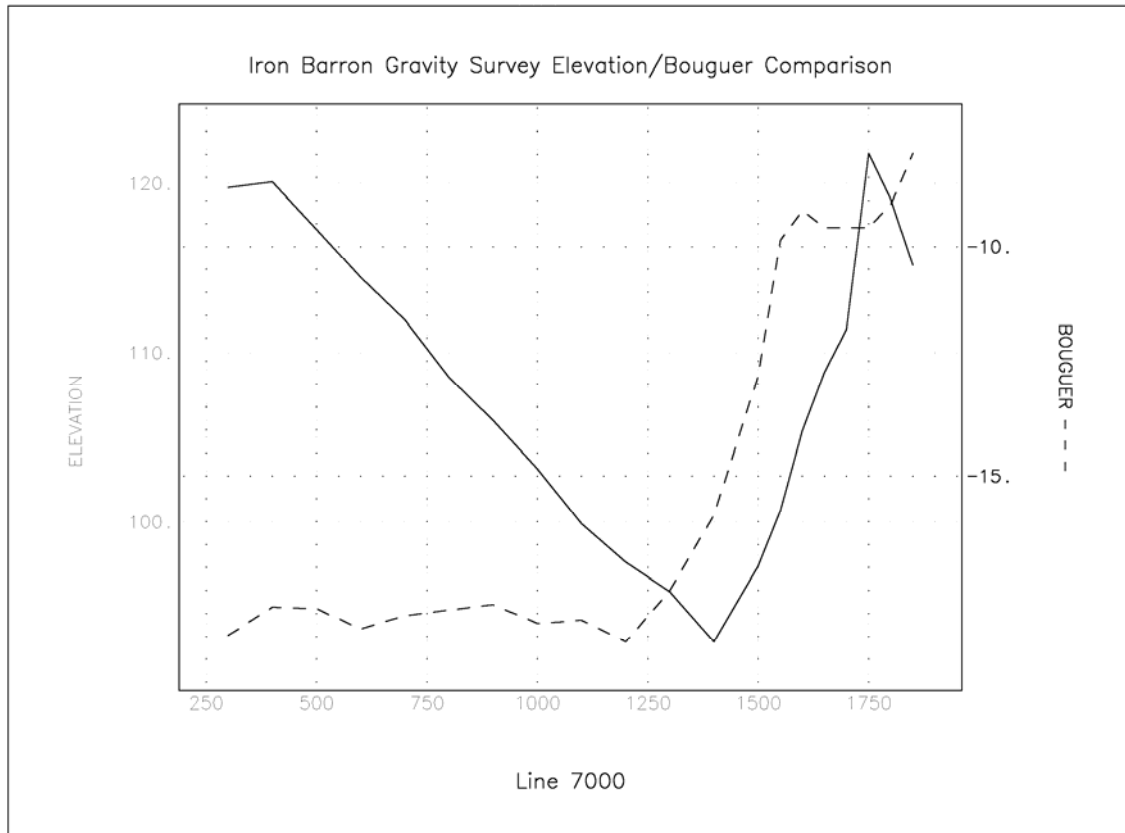


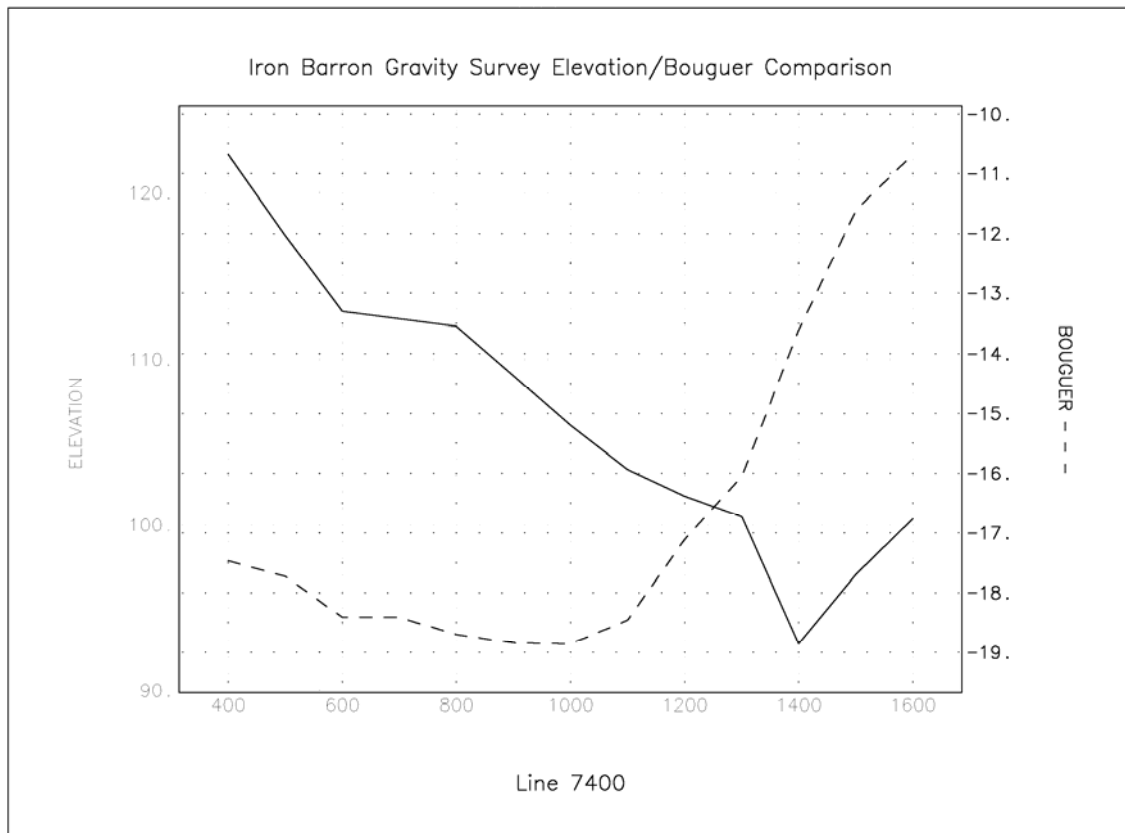
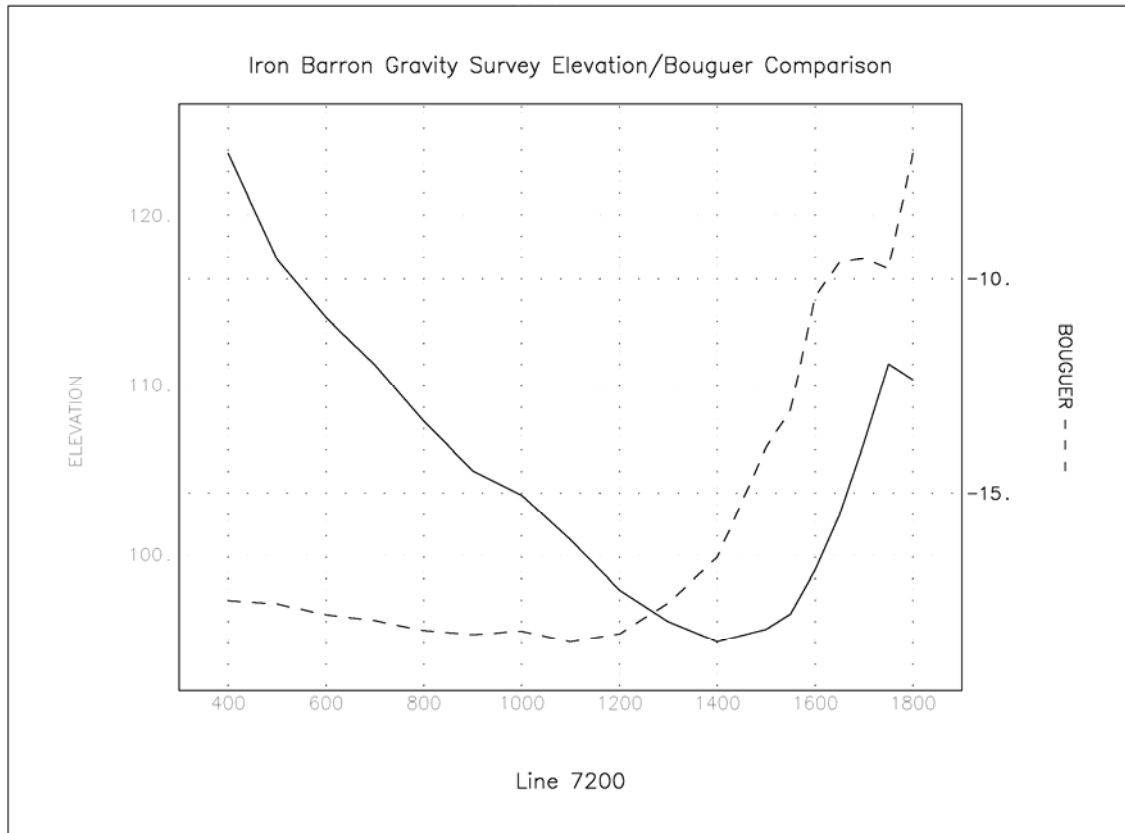


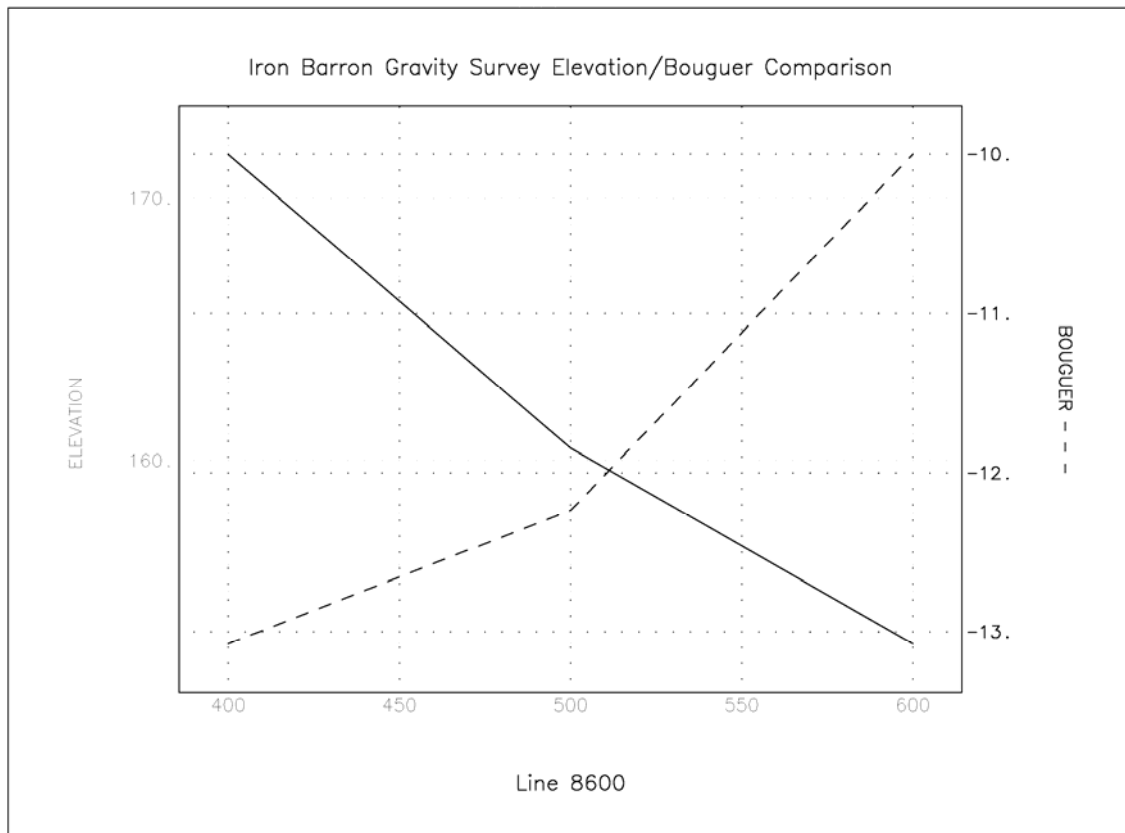
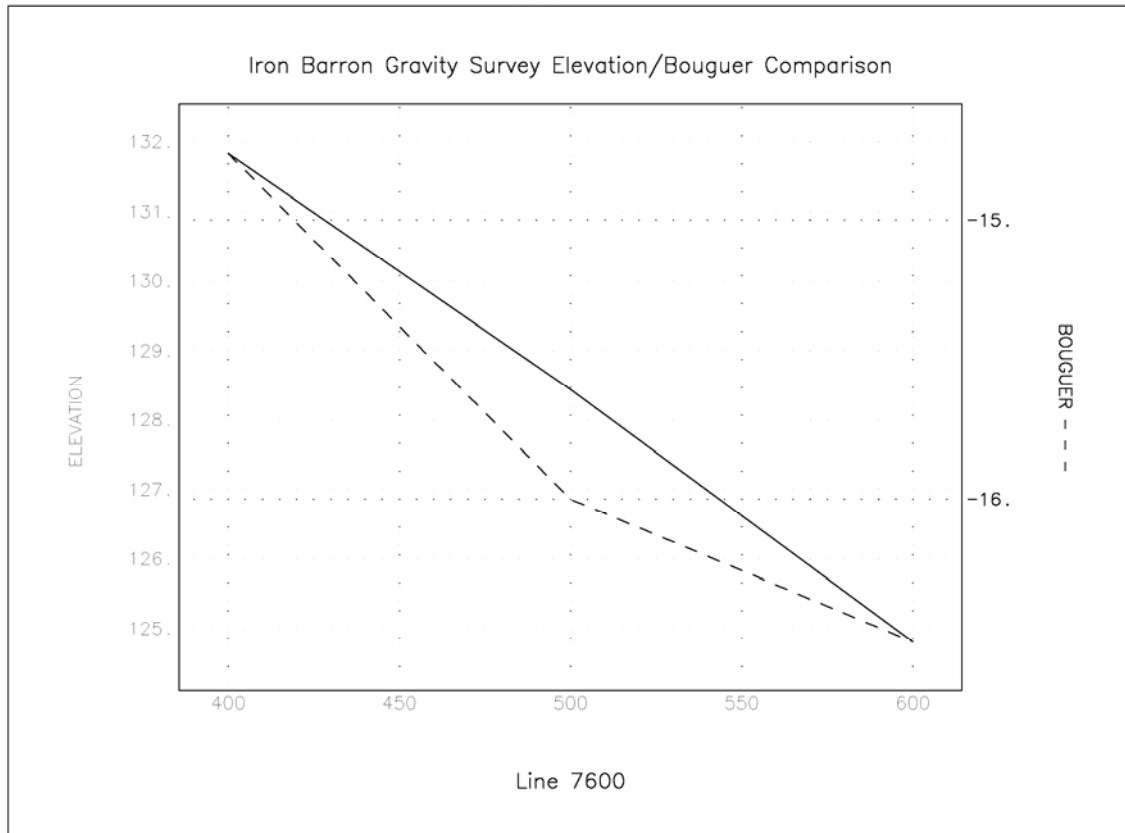


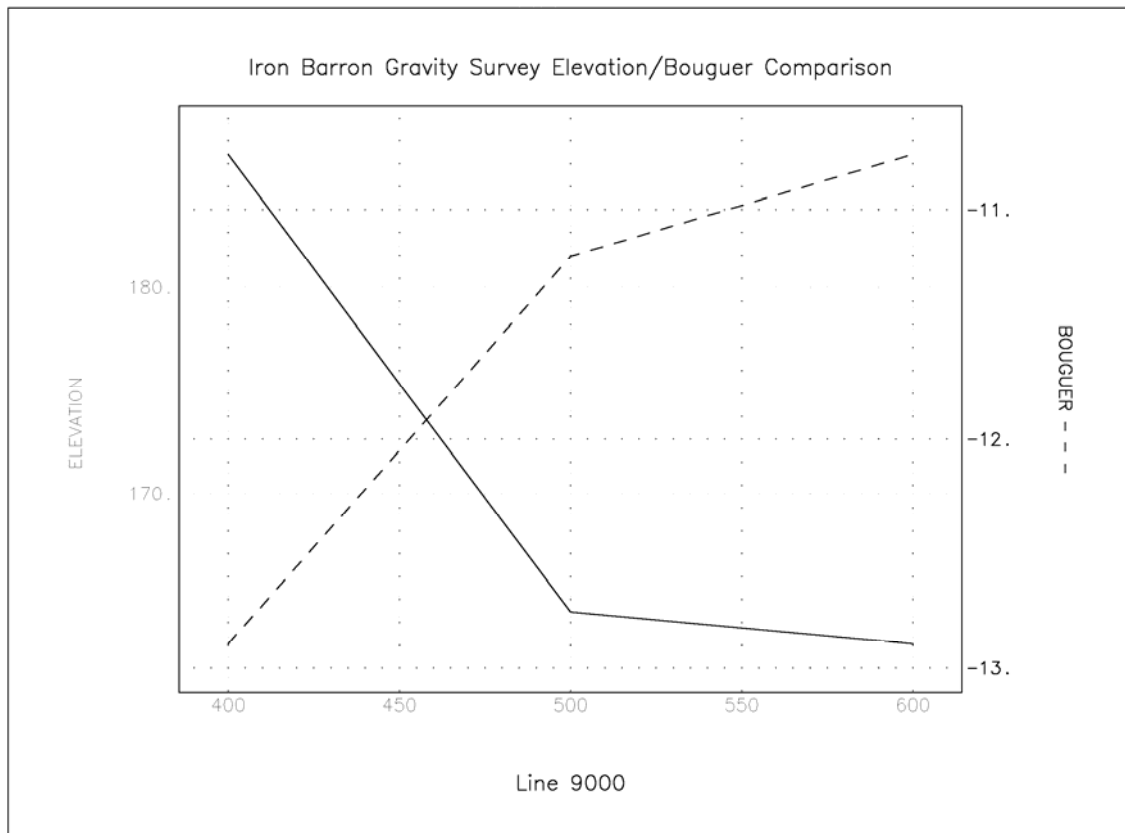
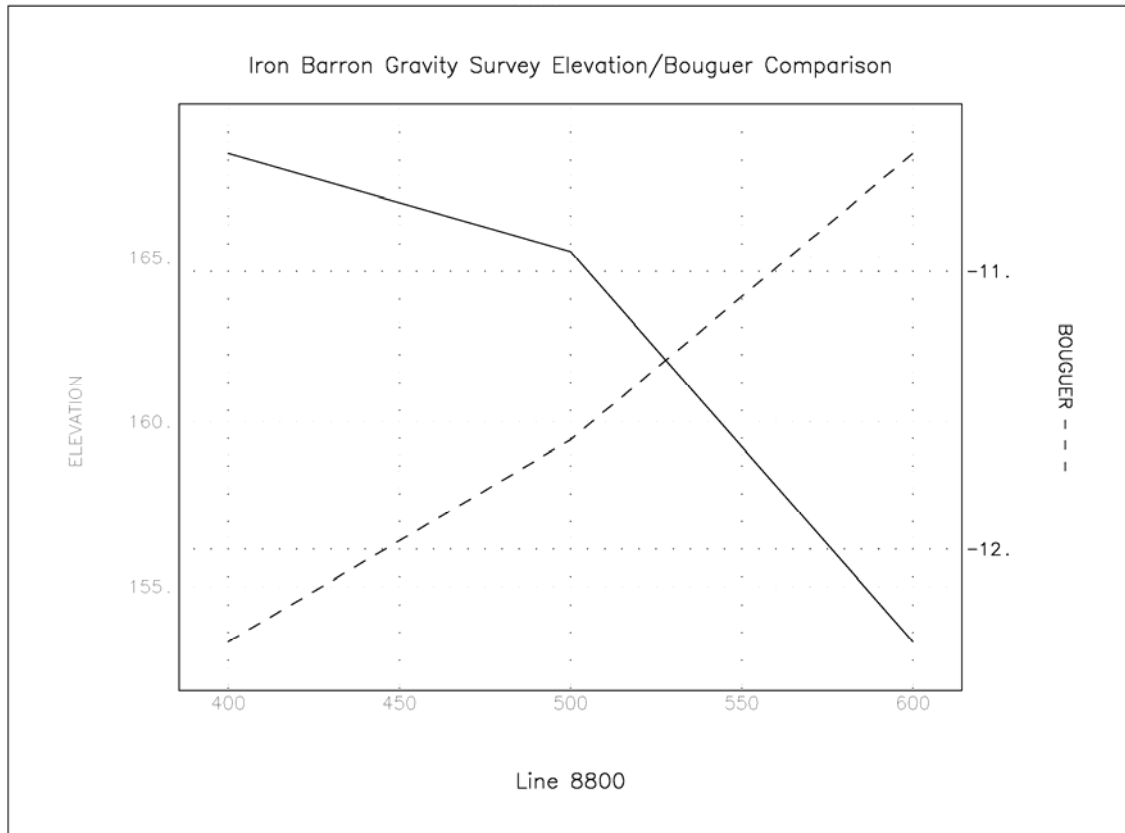


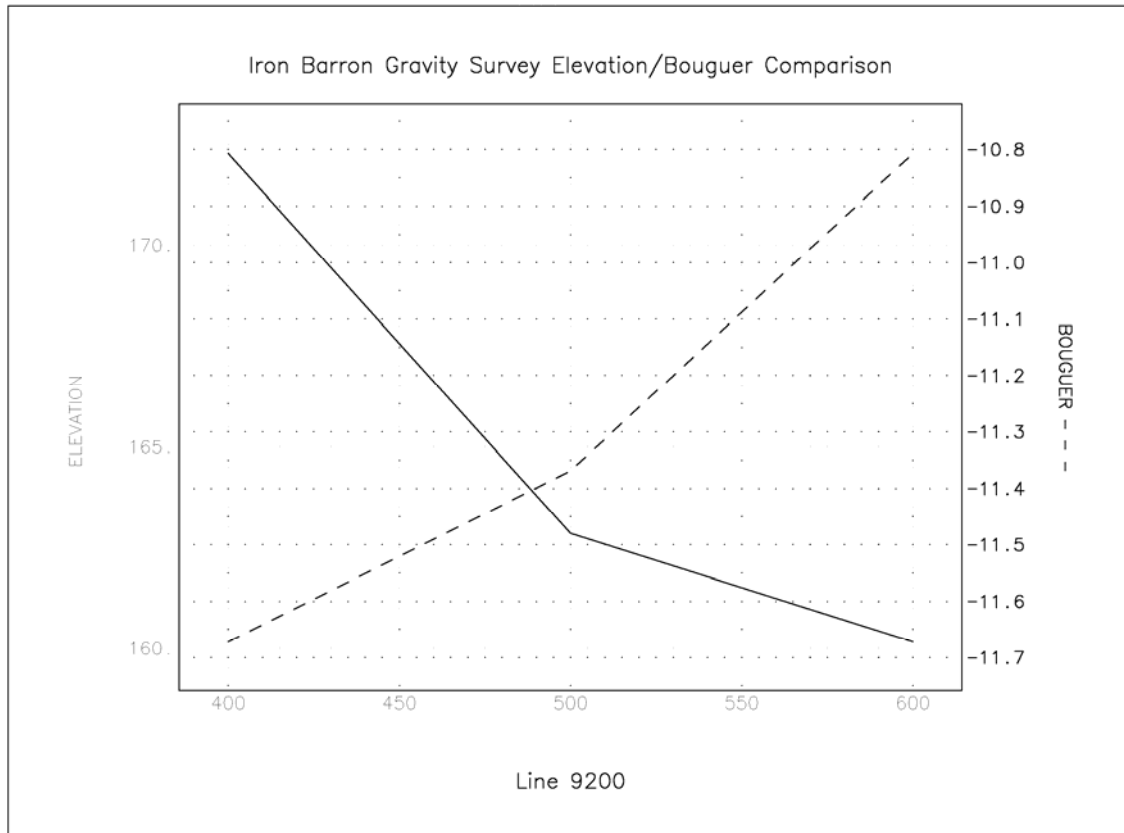












GRAVITY PROCESSING RESULTS

COORDS		GRID		drift	corr'd	obs	anom	freeair	bouguer	bouguer	height
E	N	x	y		meter	mgal		corr'n	corr'n	anom	(AHD)
D230											
708159.0	6372014.6	0	5101	+0.000	3278.451	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.6	0	5101	+0.000	3278.451	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.6	0	5101	-0.044	3278.451	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.6	0	5101	+0.010	3278.495	979506.939	-39.411	33.214	-12.043	-18.240	107.627
707996.1	6370026.2	7000	800	-0.026	3280.064	979508.552	-39.274	33.496	-12.146	-17.924	108.542
709013.2	6370029.6	7000	900	-0.022	3280.663	979509.151	-38.657	32.712	-11.861	-17.807	106.001
709995.7	6370046.2	7000	1000	-0.018	3280.787	979509.275	-38.505	31.834	-11.543	-18.214	103.156
706989.1	6372017.0	7200	700	-0.040	3278.030	979506.518	-39.848	34.312	-12.442	-17.978	111.187
707995.3	6372021.6	7200	800	-0.005	3278.430	979506.918	-39.429	33.284	-12.069	-18.214	107.856
709005.0	6372005.3	7200	900	-0.010	3278.925	979507.413	-38.931	32.394	-11.746	-18.283	104.971
709900.4	6371929.9	7200	1000	-0.013	3279.307	979507.795	-38.590	31.944	-11.583	-18.229	103.512
D231											
708159.0	6372014.6	0	5101	+0.000	3278.555	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.6	0	5101	+0.010	3278.555	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.6	0	5101	+0.010	3278.545	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.6	0	5101	+0.010	3278.535	979506.939	-39.411	33.214	-12.043	-18.240	107.627
709001.7	6367976.4	6800	900	+0.009	3282.444	979510.838	-38.493	32.206	-11.678	-17.965	104.361
709998.1	6367995.8	6800	1000	+0.009	3283.299	979511.693	-37.608	31.203	-11.315	-17.719	101.113
710997.3	6368004.3	6800	1100	+0.008	3283.948	979512.342	-36.937	30.757	-11.153	-17.332	99.667
712006.6	6367989.7	6800	1200	+0.008	3285.123	979513.517	-35.756	29.719	-10.776	-16.814	96.302
712992.5	6368014.5	6800	1300	+0.008	3285.688	979514.082	-35.158	28.543	-10.350	-16.964	92.492
713998.7	6367991.2	6800	1400	+0.007	3286.712	979515.106	-34.135	30.450	-11.041	-14.726	98.670
714984.8	6367963.5	6800	1500	+0.007	3288.037	979516.431	-32.814	32.613	-11.826	-12.027	105.681
715949.8	6367995.7	6800	1600	+0.006	3291.576	979519.970	-29.236	33.093	-12.000	-8.143	107.235
716999.9	6367986.5	6800	1700	+0.006	3290.211	979518.605	-30.591	34.412	-12.478	-8.657	111.509
707015.3	6369986.7	7000	700	+0.009	3279.414	979507.808	-40.063	34.543	-12.526	-18.045	111.936
710991.5	6370005.6	7000	1100	+0.003	3281.608	979510.002	-37.793	30.825	-11.177	-18.145	99.887
712013.9	6370001.7	7000	1200	+0.003	3281.563	979509.957	-37.824	30.131	-10.926	-18.619	97.638
712995.5	6369996.3	7000	1300	+0.003	3283.013	979511.407	-36.363	29.591	-10.730	-17.502	95.888
713995.6	6369996.7	7000	1400	+0.004	3285.239	979513.633	-34.121	28.674	-10.397	-15.844	92.918
715006.3	6369987.2	7000	1500	+0.004	3287.354	979515.748	-31.996	30.050	-10.896	-12.843	97.374
716002.6	6370014.9	7000	1600	+0.004	3289.374	979517.768	-29.940	32.517	-11.791	-9.213	105.370
716988.7	6369985.1	7000	1700	+0.005	3287.820	979516.214	-31.500	34.370	-12.463	-9.592	111.375

704993.8	6371992.5	7200	500	+0.002	3277.327	979505.721	-40.694	36.234	-13.139	-17.598	117.415
706002.1	6372000.8	7200	600	+0.002	3277.747	979506.141	-40.252	35.163	-12.750	-17.840	113.943
707995.1	6372021.4	7200	800	+0.001	3278.511	979506.905	-39.442	33.274	-12.065	-18.234	107.821
714997.3	6372007.9	7200	1500	+0.005	3285.110	979513.504	-32.743	29.507	-10.699	-13.935	95.616
716008.8	6371989.1	7200	1600	+0.005	3287.930	979516.324	-29.920	30.588	-11.091	-10.424	99.117
708159.0	6372014.3	0	5101	+0.000	3278.595	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.010	3278.595	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	-0.145	3278.585	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.010	3278.730	979506.939	-39.411	33.214	-12.043	-18.240	107.627
717983.8	6357991.7	5800	1800	-0.074	3295.906	979524.260	-32.337	29.706	-10.772	-13.403	96.261
717007.3	6359997.9	6000	1700	-0.068	3293.257	979521.611	-33.512	32.301	-11.712	-12.924	104.668
717945.2	6359995.6	6000	1800	-0.088	3298.157	979526.511	-28.599	29.824	-10.814	-9.589	96.642
714946.6	6362046.0	6200	1500	-0.055	3287.505	979515.859	-37.777	34.074	-12.355	-16.059	110.414
715988.4	6362049.4	6200	1600	-0.104	3290.736	979519.090	-34.527	33.504	-12.149	-13.171	108.569
717043.1	6362031.6	6200	1700	-0.100	3298.135	979526.489	-27.124	29.391	-10.657	-8.390	95.240
718017.5	6361966.7	6200	1800	-0.096	3299.499	979527.853	-25.792	27.895	-10.115	-8.012	90.392
713064.4	6364074.2	6400	1300	-0.048	3290.302	979518.656	-33.505	26.248	-9.518	-16.775	85.054
714015.7	6363997.7	6400	1400	-0.121	3286.889	979515.243	-36.960	32.008	-11.606	-16.558	103.721
715025.2	6364000.7	6400	1500	-0.117	3289.643	979517.997	-34.188	32.851	-11.912	-13.248	106.453
715966.8	6363946.3	6400	1600	-0.114	3292.021	979520.375	-31.835	34.343	-12.453	-9.945	112.287
717008.4	6363938.4	6400	1700	-0.111	3295.214	979523.568	-28.630	34.228	-12.411	-6.814	110.913
710993.2	6366006.2	6600	1100	-0.045	3285.780	979514.134	-36.627	30.172	-10.940	-17.396	97.769
714044.0	6366010.7	6600	1400	-0.127	3287.488	979515.842	-34.867	29.925	-10.851	-13.793	96.969
708905.7	6367904.6	6800	900	-0.041	3282.454	979510.808	-38.578	32.265	-11.699	-18.012	104.553
713998.3	6367990.8	6800	1400	-0.133	3286.787	979515.141	-34.100	30.440	-11.038	-14.698	98.638
704051.5	6372075.6	7200	400	-0.034	3276.186	979504.540	-41.828	38.148	-13.833	-17.513	123.616
704994.3	6371992.1	7200	500	-0.026	3277.379	979505.733	-40.682	36.227	-13.136	-17.592	117.390
709005.4	6372005.1	7200	900	-0.022	3279.038	979507.392	-38.952	32.388	-11.744	-18.307	104.953
709900.0	6371929.3	7200	1000	-0.142	3279.438	979507.792	-38.594	31.925	-11.576	-18.245	103.451
D233											
708159.0	6372014.3	0	5101	+0.000	3278.760	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.005	3278.760	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.000	3278.755	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.005	3278.755	979506.939	-39.411	33.214	-12.043	-18.240	107.627
702960.2	6362024.0	6200	300	+0.000	3280.395	979508.579	-45.262	46.672	-16.923	-15.514	151.237
704026.1	6362017.8	6200	400	+0.000	3284.420	979512.604	-41.225	41.106	-14.905	-15.024	133.203
705987.3	6361999.4	6200	600	+0.000	3287.615	979515.799	-38.014	36.651	-13.290	-14.653	118.765
707002.4	6362021.4	6200	700	+0.000	3289.130	979517.314	-36.467	32.917	-11.936	-15.486	106.664
707973.2	6362020.7	6200	800	+0.000	3289.440	979517.624	-36.142	31.307	-11.352	-16.187	101.448
709003.1	6361987.4	6200	900	+0.000	3291.040	979519.224	-34.551	28.360	-10.283	-16.474	91.898
709974.1	6362015.5	6200	1000	+0.000	3291.980	979520.164	-33.575	28.108	-10.192	-15.659	91.082
710982.4	6361999.7	6200	1100	+0.000	3291.935	979520.119	-33.615	28.260	-10.247	-15.603	91.575
712009.4	6361988.4	6200	1200	+0.000	3293.925	979522.109	-31.617	25.441	-9.225	-15.401	82.441
713014.4	6362030.3	6200	1300	+0.000	3289.560	979517.744	-35.935	29.475	-10.688	-17.148	95.513
713960.9	6362014.1	6200	1400	+0.000	3288.885	979517.069	-36.607	31.169	-11.302	-16.740	101.000
717042.9	6362031.5	6200	1700	+0.000	3298.330	979526.514	-27.099	29.401	-10.661	-8.359	95.272
718017.5	6361966.7	6200	1800	+0.000	3299.725	979527.909	-25.737	27.906	-10.119	-7.950	90.427
715967.1	6363945.7	6400	1600	+0.000	3292.235	979520.419	-31.791	34.350	-12.455	-9.897	111.308
717008.3	6363938.4	6400	1700	+0.000	3295.385	979523.569	-28.629	34.247	-12.418	-6.800	110.976
718000.3	6364010.6	6400	1800	+0.000	3294.565	979522.749	-29.380	32.449	-11.766	-8.697	105.149
712003.7	6366007.6	6600	1200	+0.000	3286.155	979514.339	-36.405	29.397	-10.659	-17.668	95.258
713004.2	6365999.0	6600	1300	+0.000	3287.950	979516.134	-34.600	27.813	-10.085	-16.872	90.127
714044.0	6366010.8	6600	1400	+0.000	3287.615	979515.799	-34.910	29.936	-10.855	-15.828	97.007
715011.8	6366001.0	6600	1500	+0.000	3291.675	979519.859	-30.842	29.702	-10.770	-11.910	96.247
716000.8	6366011.8	6600	1600	+0.000	3294.955	979523.139	-27.538	31.957	-11.588	-7.169	103.554
717006.0	6366023.2	6600	1700	+0.000	3291.425	979519.609	-31.043	36.526	-13.244	-7.761	118.360
704051.4	6372075.5	7200	400	+0.000	3276.365	979504.549	-41.819	38.158	-13.836	-17.497	123.648
D234											
708159.0	6372014.3	0	5101	+0.000	3278.925	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.020	3278.925	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.010	3278.905	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	-0.040	3278.895	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.010	3278.935	979506.939	-39.411	33.214	-12.043	-18.240	107.627
704026.1	6362017.8	6200	400	-0.021	3284.529	979512.573	-41.256	41.102	-14.904	-15.058	133.189
704989.3	6361990.4	6200	500	-0.020	3287.835	979515.879	-37.956	37.468	-13.586	-14.074	121.414
703013.3	6363983.0	6400	300	-0.024	3279.471	979507.515	-44.871	45.333	-16.438	-15.976	146.899
704016.5	6363992.9	6400	400	-0.022	3282.518	979510.562	-41.802	41.998	-15.229	-15.032	136.093
705026.0	6363980.2	6400	500	-0.018	3283.362	979511.406	-40.951	39.987	-14.500	-15.463	129.577
705986.2	6363973.0	6400	600	-0.017	3282.748	979510.792	-41.556	39.463	-14.309	-16.403	127.877
707044.3	6363973.6	6400	700	-0.017	3285.588	979513.632	-38.699	34.562	-12.532	-16.669	111.997
707953.9	6363986.2	6400	800	-0.016	3285.354	979513.398	-38.909	34.660	-12.568	-16.817	112.315
708997.8	6363997.9	6400	900	-0.015	3288.415	979516.459	-35.824	30.796	-11.167	-16.194	99.794
710026.3	6364002.9	6400	1000	-0.014	3288.241	979516.285	-35.977	30.353	-11.006	-16.631	98.357
710950.9	6364045.7	6400	1100	-0.013	3288.387	979512.731	-35.785	29.446	-10.677	-17.017	95.418
711989.5	6364026.7	6400	1200	-0.012	3290.163	979518.207	-34.007	27.430	-9.946	-16.523	88.884
703007.8	6366003.7	6600	300	-0.025	3281.500	979509.544	-41.343	40.393	-14.647	-15.597	130.890
703985.8	6365991.5	6600	400	-0.026	3283.474	979511.518	-39.363	37.483	-13.592	-15.471	121.462
704993.9	6366003.5	6600	500	-0.027	3282.558	979510.602	-40.255	37.058	-13.437	-16.634	120.084
706008.1	6366043.3	6600	600	-0.028	3283.202	979511.246	-39.565	34.348	-12.455	-17.672	111.303
706995.6	6366030.0	6600	700	-0.029	3284.711	979512.755	-38.051	32.542	-11.800	-17.309	105.449
707992.0	6366003.6	6600	800	-0.029	3288.091	979516.135	-34.675	30.467	-11.047	-15.256	98.726
709004.9	6366024.3	6600	900	-0.030	3286.315	979514.359	-36.420	30.799	-11.168	-16.789	99.802
710000.5	6366015.7	6600	1000	-0.031	3286.464	979514.508	-36.262	29.703	-10.771	-17.329	96.252

712003.7	6366007.4	6600	1200	-0.005	3286.305	979514.349	-36.395	29.386	-10.655	-17.665	95.222
713004.5	6365999.0	6600	1300	-0.006	3288.049	979516.093	-34.641	27.814	-10.085	-16.913	90.128
714044.0	6366010.9	6600	1400	-0.007	3287.793	979515.837	-34.872	29.927	-10.852	-15.796	96.977
715011.8	6366001.1	6600	1500	-0.008	3291.822	979519.866	-30.835	29.703	-10.770	-11.902	96.251
716000.7	6366011.7	6600	1600	-0.009	3295.066	979523.110	-27.567	31.948	-11.585	-7.203	103.527
702989.9	6368009.3	6800	300	-0.037	3279.923	979507.967	-41.432	37.943	-13.758	-17.247	122.953
703998.2	6368021.0	6800	400	-0.036	3280.234	979508.278	-41.097	37.058	-13.437	-17.477	120.084
704992.7	6368002.1	6800	500	-0.035	3281.790	979509.834	-39.540	34.283	-12.431	-17.688	111.091
706015.7	6367997.2	6800	600	-0.034	3282.711	979510.755	-38.607	34.033	-12.341	-16.914	110.282
707013.9	6368021.2	6800	700	-0.034	3282.191	979510.235	-39.094	34.028	-12.339	-17.404	110.267
707989.9	6368005.9	6800	800	-0.033	3282.702	979510.746	-38.579	32.956	-11.950	-17.573	106.791
D235											
708159.0	6372014.3	0	5101	+0.000	3279.000	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.010	3279.000	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.294	3278.990	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.006	3278.696	979506.939	-39.411	33.214	-12.043	-18.240	107.627
703029.3	6370002.7	7000	300	+0.124	3277.936	979505.885	-42.035	36.960	-13.402	-18.477	119.766
703983.2	6369986.1	7000	400	+0.115	3278.486	979506.435	-41.483	37.064	-13.439	-17.859	120.103
706017.2	6369985.6	7000	600	+0.094	3279.030	979506.979	-40.908	35.318	-12.807	-18.397	114.447
710995.5	6371989.6	7200	1100	+0.157	3280.057	979508.006	-38.318	31.129	-11.288	-18.476	100.872
712008.6	6371966.0	7200	1200	+0.170	3280.825	979508.774	-37.551	30.217	-10.957	-18.291	97.917
713045.0	6371986.6	7200	1300	+0.177	3281.882	979509.831	-36.463	29.645	-10.749	-17.567	96.062
714027.6	6371983.2	7200	1400	+0.184	3283.173	979511.122	-35.158	29.277	-10.616	-16.498	94.869
713035.9	6373991.7	7400	1300	+0.247	3281.042	979508.991	-35.817	31.013	-11.246	-16.049	100.497
714028.5	6373988.5	7400	1400	+0.239	3284.976	979512.925	-31.869	28.646	-10.387	-13.610	92.825
715052.5	6373985.5	7400	1500	+0.216	3286.138	979514.087	-30.693	29.936	-10.855	-11.612	97.005
716036.0	6373986.9	7400	1600	+0.202	3286.390	979514.339	-30.424	30.973	-11.231	-10.682	100.365
D236											
708159.0	6372014.3	0	5101	+0.000	5528.985	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	-0.006	5528.985	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.091	5528.991	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.006	5528.900	979506.939	-39.411	33.214	-12.043	-18.240	107.627
705009.3	6369999.8	7000	500	+0.023	5528.977	979506.925	-40.967	36.196	-13.125	-17.896	117.291
706017.4	6369985.6	7000	600	+0.020	5529.095	979507.043	-40.844	35.317	-12.806	-18.333	114.442
707015.2	6369986.3	7000	700	+0.014	5529.866	979507.814	-40.057	34.534	-12.522	-18.045	111.905
707995.0	6372021.1	7200	800	+0.088	5528.984	979506.932	-39.416	33.278	-12.067	-18.204	107.836
704004.4	6373968.9	7400	400	+0.081	5525.493	979503.441	-41.524	37.743	-13.686	-17.467	122.305
705008.9	6373993.2	7400	500	+0.078	5526.184	979504.132	-40.800	36.243	-13.142	-17.698	117.444
706024.6	6373988.6	7400	600	+0.074	5526.327	979504.275	-40.645	34.823	-12.627	-18.449	112.843
707033.3	6373987.0	7400	700	+0.070	5526.436	979504.384	-40.521	34.688	-12.578	-18.411	112.405
708050.0	6373977.5	7400	800	+0.066	5526.223	979504.171	-40.726	34.552	-12.529	-18.702	111.965
709035.4	6373984.6	7400	900	+0.062	5526.644	979504.592	-40.284	33.645	-12.200	-18.839	109.024
710005.1	6373997.9	7400	1000	+0.058	5527.194	979505.142	-39.709	32.714	-11.862	-18.857	106.009
710996.3	6374011.4	7400	1100	+0.049	5528.085	979506.033	-38.792	31.899	-11.567	-18.460	103.366
712010.1	6373983.4	7400	1200	+0.045	5529.759	979507.707	-37.123	31.394	-11.384	-17.113	101.730
712010.1	6373983.4	7400	1200	+0.045	5529.761	979507.709	-37.121	31.394	-11.384	-17.111	101.730
713035.9	6373991.7	7400	1300	+0.039	5531.015	979508.963	-35.845	31.009	-11.244	-16.080	100.482
D237											
708159.0	6372014.3	0	5101	+0.000	5528.983	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.007	5528.983	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	-0.046	5528.976	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.009	5529.022	979506.939	-39.411	33.214	-12.043	-18.240	107.627
705008.9	6373993.2	7400	500	-0.044	5526.143	979504.106	-40.826	36.239	-13.140	-17.727	117.430
706024.6	6373988.6	7400	600	-0.006	5526.348	979504.311	-40.609	34.825	-12.628	-18.412	112.848
704006.8	6375993.4	7600	400	-0.010	5524.808	979502.771	-40.694	40.683	-14.752	-14.763	131.832
705008.3	6376008.0	7600	500	-0.009	5524.211	979502.174	-41.265	39.637	-14.372	-16.001	128.440
705999.5	6376005.2	7600	600	-0.007	5524.402	979502.365	-41.061	38.515	-13.966	-16.512	124.806
704008.7	6386000.7	8600	400	-0.021	5511.249	979489.212	-46.844	52.977	-19.210	-13.077	171.669
704965.6	6386001.9	8600	500	-0.020	5514.276	979492.239	-43.802	49.524	-17.957	-12.236	160.478
706004.9	6385991.9	8600	600	-0.018	5517.977	979495.940	-40.092	47.207	-17.118	-10.002	152.973
704012.8	6388022.1	8800	400	-0.026	5511.188	979489.151	-45.410	51.894	-18.817	-12.333	168.158
704975.1	6387965.9	8800	500	-0.024	5512.527	979490.490	-44.098	50.976	-18.484	-11.606	165.185
706000.1	6387950.1	8800	600	-0.023	5515.889	979493.852	-40.732	47.311	-17.155	-10.576	153.309
704008.2	6389981.7	9000	400	-0.029	5505.580	979483.543	-49.569	57.539	-20.864	-12.894	186.451
705024.9	6390015.1	9000	500	-0.031	5511.600	979489.563	-43.509	50.684	-18.378	-11.204	164.237
705998.8	6389990.4	9000	600	-0.032	5512.355	979490.318	-42.757	50.200	-18.203	-10.760	162.671
704013.6	6391987.0	9200	400	-0.036	5508.109	979486.072	-45.557	53.162	-19.277	-11.672	172.267
704987.7	6391991.9	9200	500	-0.035	5510.247	979488.210	-43.401	50.255	-18.223	-11.369	162.849
706014.2	6391990.5	9200	600	-0.034	5511.322	979489.285	-42.311	49.426	-17.922	-10.807	160.163
D238											
708159.0	6372014.3	0	5101	+0.000	5529.172	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.004	5529.172	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.061	5529.168	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.012	5529.107	979506.939	-39.411	33.214	-12.043	-18.240	107.627
705017.9	6358000.6	5800	500	+0.056	5540.893	979518.664	-38.133	37.033	-13.428	-14.529	120.002
705981.7	6357974.5	5800	600	+0.054	5544.503	979522.274	-34.527	35.351	-12.818	-11.995	114.552
707014.2	6357989.4	5800	700	+0.053	5543.397	979521.168	-35.606	33.894	-12.290	-14.002	109.833
708044.6	6357999.7	5800	800	+0.052	5542.840	979520.611	-36.140	31.946	-11.584	-15.777	103.519
709002.3	6357985.9	5800	900	+0.049	5544.172	979521.943	-34.803	29.465	-10.684	-16.022	95.480
710003.9	6357966.9	5800	1000	+0.048	5545.186	979522.957	-33.787	27.980	-10.146	-15.953	90.669
711037.3	6358007.6	5800	1100	+0.046	5547.760	979525.531	-31.167	26.140	-9.479	-14.505	84.706
712012.1	6358000.8	5800	1200	+0.045	5549.887	979527.658	-29.029	23.827	-8.640	-13.842	77.209
712980.3	6357999.3	5800	1300	+0.044	5545.797	979523.568	-33.105	26.921	-9.762	-15.946	87.235

714034.7	6358031.1	5800	1400	+0.042	5544.055	979521.826	-34.806	28.995	-10.514	-16.325	93.957
714959.1	6358008.9	5800	1500	+0.040	5543.809	979521.580	-35.054	29.243	-10.604	-16.415	94.759
715993.3	6357978.5	5800	1600	+0.037	5543.866	979521.637	-35.003	29.374	-10.651	-16.280	95.185
717027.8	6358037.9	5800	1700	+0.035	5542.652	979520.423	-36.156	32.224	-11.685	-15.616	104.420
702999.6	6360000.6	6000	300	+0.011	5532.945	979510.716	-44.627	44.139	-16.005	-16.493	143.029
703992.2	6359976.6	6000	400	+0.014	5536.466	979514.237	-41.108	40.766	-14.782	-15.124	132.101
704995.7	6360008.2	6000	500	+0.016	5539.374	979517.145	-38.161	37.828	-13.716	-14.050	122.578
706008.8	6360018.8	6000	600	+0.017	5541.232	979519.003	-36.280	35.095	-12.725	-13.911	113.722
706990.0	6359995.1	6000	700	+0.018	5540.338	979518.109	-37.176	32.850	-11.912	-16.238	106.449
708037.2	6360027.7	6000	800	+0.020	5541.253	979519.024	-36.221	31.431	-11.397	-16.187	101.851
709017.0	6360007.9	6000	900	+0.021	5543.465	979521.236	-34.008	29.157	-10.573	-15.424	94.482
709975.9	6360007.0	6000	1000	+0.022	5544.592	979522.363	-32.867	26.774	-9.708	-15.801	86.759
710996.5	6360016.9	6000	1100	+0.023	5546.127	979523.898	-31.308	25.465	-9.234	-15.077	82.518
712024.8	6359975.1	6000	1200	+0.024	5544.773	979522.544	-32.677	26.113	-9.469	-16.033	84.617
713027.7	6359977.8	6000	1300	+0.026	5542.526	979520.297	-34.906	28.657	-10.391	-16.640	92.861
714009.7	6359996.6	6000	1400	+0.028	5540.606	979518.377	-36.796	31.413	-11.390	-16.774	101.792
715005.2	6360010.0	6000	1500	+0.030	5539.468	979517.239	-37.908	33.183	-12.032	-16.757	107.529
715993.6	6359987.4	6000	1600	+0.031	5540.032	979517.803	-37.345	34.302	-12.438	-15.481	111.152
717007.3	6359998.0	6000	1700	+0.033	5543.870	979521.641	-33.482	32.306	-11.714	-12.891	104.685
702960.3	6362023.9	6200	300	+0.010	5530.772	979508.543	-45.298	46.678	-16.926	-15.546	151.257
D239											
708159.0	6372014.3	0	5101	+0.000	4192.043	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.005	4192.043	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.053	4192.038	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.000	4191.985	979506.939	-39.411	33.214	-12.043	-18.240	107.627
718128.9	6371571.8	1000	11	+0.017	4201.561	979516.462	-30.057	34.741	-12.597	-7.913	112.575
718129.4	6369568.2	1000	12	+0.037	4200.776	979515.677	-32.327	36.798	-13.343	-8.872	119.242
718630.1	6368768.6	1000	13	+0.040	4204.493	979519.394	-29.195	33.803	-12.257	-7.649	109.537
715515.9	6371777.9	1000	17	+0.009	4199.454	979514.355	-32.053	29.955	-10.862	-12.960	97.067
716065.5	6372392.1	1000	18	+0.012	4200.932	979515.833	-30.112	30.514	-11.065	-10.662	98.879
717588.5	6368593.0	1000	21	+0.043	4201.975	979516.876	-31.860	36.337	-13.176	-8.699	117.748
716014.1	6368991.1	6900	1600	+0.048	4205.521	979520.422	-28.045	31.682	-11.488	-7.851	102.664
716509.2	6368979.7	6900	1650	+0.047	4203.953	979518.854	-29.613	33.242	-12.054	-8.425	107.718
717007.0	6368987.3	6900	1700	+0.046	4202.557	979517.458	-30.995	34.230	-12.412	-9.177	110.921
717520.8	6368984.8	6900	1750	+0.045	4201.682	979516.583	-31.864	36.046	-13.070	-8.888	116.804
718008.6	6368996.3	6900	1800	+0.042	4200.486	979515.387	-33.043	36.685	-13.302	-9.661	118.876
718509.4	6368992.9	6900	1850	+0.039	4203.716	979518.617	-29.808	34.261	-12.423	-7.970	111.022
715006.5	6369986.8	7000	1500	+0.050	4200.872	979515.773	-31.972	30.057	-10.899	-12.814	97.397
715490.8	6369995.7	7000	1550	+0.028	4203.169	979518.070	-29.660	31.062	-11.263	-9.861	100.656
716528.1	6369980.0	7000	1650	+0.030	4201.826	979516.727	-30.998	33.592	-12.181	-9.586	108.854
717531.3	6370011.3	7000	1750	+0.031	4199.250	979514.151	-33.534	37.576	-13.625	-9.584	121.762
718020.3	6369986.0	7000	1800	+0.032	4200.286	979515.187	-32.509	36.750	-13.326	-9.085	119.086
718468.3	6370022.1	7000	1850	+0.036	4202.132	979517.033	-30.629	35.538	-12.886	-7.977	115.160
714992.6	6370988.4	7100	1500	+0.027	4199.279	979514.180	-32.815	29.692	-10.767	-13.889	96.216
715503.0	6370984.8	7100	1550	+0.026	4200.777	979515.678	-31.319	30.455	-11.043	-11.907	98.688
715988.3	6370990.0	7100	1600	+0.025	4201.830	979516.731	-30.254	31.483	-11.416	-10.187	102.019
716505.2	6370979.4	7100	1650	+0.023	4201.390	979516.291	-30.693	32.549	-11.803	-9.947	105.474
717002.1	6371007.1	7100	1700	+0.021	4200.251	979515.152	-31.804	34.392	-12.471	-9.883	111.444
717490.5	6370997.4	7100	1750	+0.020	4199.388	979514.289	-32.666	36.310	-13.166	-9.522	117.662
717998.6	6370999.6	7100	1800	+0.019	4199.918	979514.819	-32.126	35.562	-12.895	-9.459	115.238
715504.5	6371999.9	7200	1550	+0.010	4199.308	979514.209	-32.035	29.787	-10.801	-13.049	96.523
716008.8	6371988.7	7200	1600	+0.011	4201.420	979516.321	-29.923	30.588	-11.091	-10.427	99.119
716506.3	6371995.3	7200	1650	+0.013	4201.590	979516.491	-29.741	31.582	-11.452	-9.611	102.338
717005.7	6371997.0	7200	1700	+0.014	4200.830	979515.731	-30.491	32.887	-11.925	-9.529	106.568
717503.2	6371995.8	7200	1750	+0.015	4199.672	979514.573	-31.642	34.325	-12.446	-9.763	111.228
718008.5	6371997.3	7200	1800	+0.016	4202.530	979517.431	-28.775	34.043	-12.344	-7.076	110.314
D240											
708159.0	6372014.3	0	5101	+0.000	4191.966	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.006	4191.966	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	-0.009	4191.960	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.005	4191.969	979506.939	-39.411	33.214	-12.043	-18.240	107.627
715666.8	6368351.0	1000	19	-0.002	4205.214	979520.193	-28.754	31.971	-11.593	-8.376	103.599
716624.1	6368509.5	1000	20	-0.003	4205.340	979520.319	-28.495	32.999	-11.966	-7.461	106.932
718628.1	6366768.9	1000	25	-0.004	4206.020	979520.999	-29.073	32.047	-11.621	-8.646	103.848
719129.5	6365568.9	1000	26	-0.007	4208.933	979523.912	-27.042	30.003	-10.879	-7.918	97.224
718130.0	6367770.5	1000	30	-0.003	4202.145	979517.124	-32.213	36.230	-13.137	-9.121	117.400
715997.1	6364999.8	6500	1600	-0.008	4207.661	979522.640	-28.787	32.297	-11.711	-8.202	104.655
716486.5	6364979.7	6500	1650	-0.008	4209.203	979524.182	-27.252	32.203	-11.677	-6.726	104.352
717009.7	6365001.1	6500	1700	-0.008	4207.058	979522.037	-29.373	35.251	-12.782	-6.904	114.230
717502.3	6364993.9	6500	1750	-0.008	4205.621	979520.600	-30.807	35.522	-12.880	-8.166	115.107
717986.4	6364982.2	6500	1800	-0.007	4206.998	979521.977	-29.431	32.978	-11.958	-8.411	106.862
718499.5	6364980.7	6500	1850	-0.007	4205.926	979520.905	-30.496	32.955	-11.950	-9.490	106.790
718977.8	6365005.9	6500	1900	-0.007	4208.516	979523.495	-27.879	30.204	-10.952	-8.627	97.875
715011.8	6366001.0	6600	1500	-0.008	4204.858	979519.837	-30.864	29.695	-10.768	-11.936	96.226
715487.9	6365994.8	6600	1550	-0.005	4206.707	979521.686	-29.011	30.093	-10.912	-9.831	97.513
716485.9	6366002.4	6600	1650	-0.006	4206.826	979521.805	-28.871	34.062	-12.351	-7.160	110.377
717488.7	6365995.0	6600	1750	-0.006	4205.930	979520.909	-29.756	34.169	-12.390	-7.977	110.722
718018.3	6366025.7	6600	1800	-0.006	4206.445	979521.424	-29.209	32.953	-11.949	-8.205	106.782
718468.9	6366004.4	6600	1850	-0.007	4206.136	979521.115	-29.527	32.395	-11.747	-8.878	104.974
718987.6	6366009.0	6600	1900	-0.007	4208.922	979523.901	-26.729	30.233	-10.963	-7.459	97.968
714968.4	6367000.9	6700	1500	-0.005	4201.978	979516.957	-33.003	32.831	-11.905	-12.077	106.386
715518.2	6366997.1	6700	1550	-0.005	4204.927	979519.906	-30.047	32.512	-11.789	-9.325	105.352
716009.4	6367005.2	6700	1600	-0.005	4205.271	979520.250	-29.690	34.047	-12.346	-7.988	110.328

716488.3	6367018.7	6700	1650	-0.005	4203.695	979518.674	-31.248	37.019	-13.423	-7.652	119.957
717002.3	6367014.0	6700	1700	-0.005	4202.376	979517.355	-32.562	38.575	-13.987	-7.975	124.999
717492.4	6366991.4	6700	1750	-0.004	4204.309	979519.288	-30.638	35.474	-12.863	-8.027	114.951
717983.8	6366994.4	6700	1800	-0.004	4205.105	979520.084	-29.831	33.209	-12.042	-8.664	107.612
718509.3	6367012.4	6700	1850	-0.004	4205.506	979520.485	-29.408	32.454	-11.768	-8.722	105.166
715492.0	6367986.8	6800	1550	-0.002	4204.203	979519.182	-30.038	32.718	-11.864	-9.183	106.022
716490.0	6368000.8	6800	1650	-0.003	4204.716	979519.695	-29.498	33.973	-12.319	-7.844	110.087
717479.4	6367989.2	6800	1750	-0.003	4202.799	979517.778	-31.408	35.727	-12.955	-8.636	115.771
718485.6	6367987.4	6800	1850	-0.003	4204.111	979519.090	-30.081	34.186	-12.396	-8.291	110.777
714995.0	6368999.8	6900	1500	-0.001	4202.159	979517.138	-31.339	30.388	-11.019	-11.970	98.470
715507.4	6368992.5	6900	1550	-0.002	4204.935	979519.914	-28.560	30.639	-11.110	-9.031	99.283
716014.0	6368990.9	6900	1600	-0.002	4205.467	979520.446	-28.021	31.671	-11.484	-7.834	102.628
D241											
708159.0	6372014.3	0	5101	+0.000	4191.938	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	-0.001	4191.938	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.195	4191.939	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	-0.008	4191.744	979506.939	-39.411	33.214	-12.043	-18.240	107.627
715474.1	6361851.5	1000	14	+0.144	4202.591	979517.591	-36.181	34.528	-12.520	-14.173	111.885
717725.1	6364322.7	1000	22	+0.073	4207.378	979522.378	-29.524	34.229	-12.412	-7.706	110.917
716766.6	6364033.4	1000	23	+0.066	4209.280	979524.280	-27.852	32.904	-11.931	-6.879	106.625
715815.8	6363737.1	1000	24	+0.060	4203.894	979518.894	-33.473	35.094	-12.725	-11.104	113.721
719131.8	6363569.9	1000	27	+0.084	4210.769	979525.769	-26.668	28.269	-10.250	-8.650	91.604
715473.2	6361986.6	6200	1550	+0.141	4202.479	979517.479	-36.193	34.666	-12.570	-14.097	112.332
716495.4	6361944.3	6200	1650	+0.150	4207.435	979522.435	-31.252	31.865	-11.555	-10.941	103.258
717486.7	6361974.8	6200	1750	+0.154	4212.915	979527.915	-25.733	28.329	-10.272	-7.676	91.800
718017.5	6361966.7	6200	1800	+0.172	4212.878	979527.878	-25.768	27.901	-10.117	-7.984	90.410
718502.0	6362011.0	6200	1850	+0.158	4210.433	979525.433	-28.172	29.822	-10.813	-9.163	96.635
718989.1	6361983.4	6200	1900	+0.162	4210.620	979525.620	-27.997	28.555	-10.354	-9.796	92.531
719491.5	6361967.9	6200	1950	+0.165	4212.870	979527.870	-25.750	26.187	-9.495	-9.059	84.857
714974.8	6362981.1	6300	1500	+0.136	4200.315	979515.315	-37.627	36.127	-13.100	-14.600	117.067
715492.7	6363020.3	6300	1550	+0.126	4202.714	979517.714	-35.190	34.652	-12.565	-13.103	112.288
715988.5	6362967.8	6300	1600	+0.123	4205.110	979520.110	-32.825	33.480	-12.140	-11.485	108.491
716468.8	6362966.6	6300	1650	+0.120	4209.354	979524.354	-28.575	31.006	-11.243	-8.812	100.473
716970.0	6362963.1	6300	1700	+0.116	4211.632	979526.632	-26.291	29.631	-10.744	-7.405	96.016
717469.2	6362962.8	6300	1750	+0.113	4211.293	979526.293	-26.622	30.688	-11.128	-7.062	99.442
718002.4	6362952.9	6300	1800	+0.100	4208.944	979523.944	-28.970	32.024	-11.612	-8.558	103.771
718481.6	6362959.6	6300	1850	+0.097	4209.693	979524.693	-28.208	30.173	-10.941	-8.976	97.774
718998.3	6362983.6	6300	1900	+0.088	4210.447	979525.447	-27.428	28.747	-10.424	-9.104	93.154
715499.1	6363975.3	6400	1550	+0.057	4204.938	979519.938	-32.258	33.197	-12.037	-11.098	107.572
716484.9	6363957.5	6400	1650	+0.064	4208.306	979523.306	-28.887	33.216	-12.044	-7.715	107.636
717496.7	6363982.5	6400	1750	+0.070	4208.088	979523.088	-29.070	33.648	-12.201	-7.623	109.034
718477.0	6363978.0	6400	1850	+0.078	4207.458	979522.458	-29.687	31.909	-11.570	-9.348	103.400
718978.3	6363983.4	6400	1900	+0.081	4209.095	979524.095	-28.038	29.722	-10.777	-9.093	96.312
714997.7	6364983.1	6500	1500	+0.052	4204.073	979519.073	-32.383	30.822	-11.176	-12.737	99.876
715485.0	6364976.7	6500	1550	+0.045	4204.676	979519.676	-31.777	32.990	-11.962	-10.749	106.901
717479.5	6367989.1	6800	1750	+0.031	4202.811	979517.811	-31.375	35.746	-12.962	-8.591	115.832
717983.9	6367977.2	6800	1800	+0.035	4201.298	979516.298	-32.888	37.735	-13.683	-8.837	122.277
D242											
708159.0	6372014.3	0	5101	+0.000	4191.660	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	-0.001	4191.660	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.007	4191.661	979506.939	-39.411	33.214	-12.043	-18.240	107.627
708159.0	6372014.3	0	5101	+0.004	4191.654	979506.939	-39.411	33.214	-12.043	-18.240	107.627
716197.0	6361172.4	1000	15	+0.006	4205.176	979520.454	-33.811	32.460	-11.770	-13.121	105.186
716783.6	6360316.0	1000	16	+0.005	4206.321	979521.599	-33.292	31.817	-11.537	-13.012	103.100
719629.7	6360772.1	1000	28	+0.002	4213.912	979529.190	-25.316	24.494	-8.882	-9.703	79.372
719628.6	6359569.1	1000	29	+0.003	4213.090	979528.368	-27.031	25.773	-9.345	-10.603	83.516
715005.4	6359000.0	5900	1500	+0.006	4202.777	979518.055	-37.842	34.081	-12.358	-16.119	110.438
715486.4	6358977.2	5900	1550	+0.006	4203.092	979518.370	-37.536	33.974	-12.319	-15.881	110.092
716000.8	6358990.6	5900	1600	+0.006	4204.543	979519.821	-36.067	32.020	-11.611	-15.657	103.759
718481.1	6358995.7	5900	1850	+0.004	4213.060	979528.338	-27.505	27.672	-10.034	-9.867	89.669
718984.3	6359001.4	5900	1900	+0.004	4211.943	979527.221	-28.610	28.614	-10.376	-10.371	92.722
719501.0	6358995.9	5900	1950	+0.004	4213.297	979528.575	-27.251	26.077	-9.456	-10.630	84.501
715482.3	6360000.3	6000	1550	+0.005	4201.831	979517.109	-38.037	34.607	-12.549	-15.979	112.141
715993.6	6359987.5	6000	1600	+0.005	4202.550	979517.828	-37.320	34.305	-12.439	-15.454	111.162
716500.0	6359983.5	6000	1650	+0.005	4203.631	979518.909	-36.233	34.660	-12.568	-14.141	112.315
717491.4	6360024.1	6000	1750	+0.003	4209.341	979524.619	-30.477	30.405	-11.025	-11.097	98.527
718493.1	6359974.0	6000	1850	+0.003	4213.421	979528.699	-26.418	27.500	-9.972	-8.889	89.113
719005.8	636016.1	6000	1900	+0.003	4213.075	979528.353	-26.724	25.961	-9.414	-10.177	84.125
719498.7	6360001.7	6000	1950	+0.003	4213.298	979528.576	-26.504	25.164	-9.125	-10.464	81.543
715007.2	6360993.1	6100	1500	+0.005	4201.132	979516.410	-38.007	33.961	-12.315	-16.360	110.050
715494.6	6360975.4	6100	1550	+0.005	4201.885	979517.163	-37.259	33.974	-12.319	-15.605	110.090
716011.8	6361011.7	6100	1600	+0.005	4204.135	979519.413	-34.974	33.620	-12.191	-13.545	108.943
716500.5	6361005.8	6100	1650	+0.001	4206.397	979521.675	-32.709	31.295	-11.348	-12.761	101.411
717008.5	6361016.9	6100	1700	+0.002	4209.715	979524.993	-29.374	29.369	-10.649	-10.654	95.170
717491.4	6360997.4	6100	1750	+0.002	4211.658	979526.936	-27.437	29.148	-10.569	-8.859	94.451
718007.8	6361015.1	6100	1800	+0.002	4212.452	979527.730	-26.622	28.563	-10.357	-8.416	92.556
718503.1	6360985.2	6100	1850	+0.002	4212.596	979527.874	-26.492	27.348	-9.916	-9.061	88.619
719002.2	6361014.1	6100	1900	+0.002	4213.166	979528.444	-25.892	25.359	-9.195	-9.729	82.174
719516.5	6361009.0	6100	1950	+0.002	4213.061	979528.339	-25.993	25.407	-9.213	-9.798	82.331
715473.2	6361986.7	6200	1550	+0.001	4202.157	979517.435	-36.237	34.662	-12.569	-14.144	112.320
D245											
714509.1	6345320.8	0	5102	+0.000	4213.572	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	-0.010	4213.572	979528.787	-37.286	38.814	-14.074	-12.545	125.776

714509.1	6345320.8	0	5102	+0.009	4213.582	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	+0.009	4213.573	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714975.7	6350023.5	5000	1500	+0.002	4217.002	979532.207	-30.360	24.293	-8.809	-14.876	78.720
716001.4	6349952.8	5000	1600	+0.002	4216.053	979531.258	-31.345	25.064	-9.088	-15.370	81.219
716992.6	6349996.8	5000	1700	+0.002	4217.175	979532.380	-30.174	23.455	-8.505	-15.224	76.006
717980.5	6349999.8	5000	1800	+0.002	4218.671	979533.876	-28.660	21.753	-7.888	-14.795	70.488
718991.0	6350005.6	5000	1900	+0.002	4219.984	979535.189	-27.326	20.199	-7.324	-14.451	65.455
714986.3	6351985.3	5200	1500	+0.004	4212.136	979527.341	-33.768	27.439	-9.949	-16.278	88.914
716008.7	6351991.1	5200	1600	+0.003	4215.896	979531.101	-29.987	22.838	-8.281	-15.430	74.005
716979.0	6351992.2	5200	1700	+0.003	4217.057	979532.262	-28.809	20.986	-7.610	-15.433	68.003
717988.0	6351996.1	5200	1800	+0.003	4218.463	979533.668	-27.384	19.236	-6.975	-15.123	62.332
718993.3	6352007.5	5200	1900	+0.003	4220.576	979535.781	-25.246	18.285	-6.630	-13.591	59.250
705964.3	6354024.4	5400	600	+0.005	4210.847	979526.052	-33.685	35.604	-12.910	-10.991	115.374
706989.9	6354012.8	5400	700	+0.005	4213.478	979528.683	-31.046	32.840	-11.908	-10.114	106.416
707989.1	6353977.0	5400	800	+0.005	4212.188	979527.393	-32.347	31.088	-11.273	-12.532	100.739
708939.8	6354002.3	5400	900	+0.005	4210.984	979526.189	-33.517	30.009	-10.881	-14.390	97.241
709980.2	6353997.0	5400	1000	+0.005	4211.839	979527.044	-32.650	27.950	-10.135	-14.835	90.569
710966.8	6353998.1	5400	1100	+0.004	4211.247	979526.452	-33.226	28.246	-10.242	-15.222	91.530
713998.2	6354016.9	5400	1400	+0.008	4214.115	979529.320	-30.295	21.308	-7.726	-16.713	69.047
705963.5	6356009.0	5600	600	+0.006	4209.740	979524.945	-33.317	34.546	-12.527	-11.298	111.944
706970.9	6356015.5	5600	700	+0.006	4211.840	979527.045	-31.196	31.273	-11.340	-11.263	101.337
707965.5	6355950.7	5600	800	+0.006	4207.611	979522.816	-35.458	33.674	-12.210	-13.994	109.120
709015.1	6356022.4	5600	900	+0.007	4209.419	979524.624	-33.580	29.481	-10.690	-14.789	95.531
709948.9	6355992.7	5600	1000	+0.007	4210.294	979525.499	-32.712	27.672	-10.034	-15.074	89.670
710983.2	6356009.4	5600	1100	+0.007	4212.119	979527.324	-30.859	24.458	-8.869	-15.269	79.255
711942.8	6356027.7	5600	1200	+0.007	4214.061	979529.266	-28.888	23.051	-8.358	-14.195	74.695
712903.5	6356009.1	5600	1300	+0.007	4213.796	979529.001	-29.151	22.210	-8.054	-14.995	71.971
714981.4	6347997.2	4800	1500	+0.001	4214.765	979529.970	-34.104	31.613	-11.463	-13.954	102.441
D246											
714509.1	6345320.8	0	5102	+0.000	4213.583	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	+0.001	4213.583	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	+0.173	4213.582	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	-0.001	4213.409	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714998.4	6341982.5	4200	1500	+0.127	4219.522	979534.727	-33.822	34.564	-12.533	-11.791	112.001
716010.2	6342006.4	4200	1600	+0.133	4220.104	979535.309	-33.206	32.566	-11.809	-12.449	105.528
717003.3	6341995.3	4200	1700	+0.140	4222.228	979537.433	-31.074	30.219	-10.958	-11.812	97.924
717998.6	6342002.0	4200	1800	+0.144	4222.309	979537.514	-30.971	29.269	-10.613	-12.315	94.844
719000.4	6341996.0	4200	1900	+0.153	4223.512	979538.717	-29.756	27.248	-9.880	-12.388	88.296
715008.9	6343998.9	4400	1500	+0.118	4215.902	979531.107	-35.941	35.266	-12.788	-13.463	114.279
716015.4	6343975.6	4400	1600	+0.107	4217.552	979532.757	-34.292	34.990	-12.687	-11.990	113.382
716991.2	6343993.8	4400	1700	+0.098	4219.617	979534.822	-32.198	29.933	-10.854	-13.119	96.995
717981.8	6343992.1	4400	1800	+0.084	4221.940	979537.145	-29.860	26.189	-9.496	-13.167	84.865
718997.9	6343998.5	4400	1901	+0.079	4224.215	979539.420	-27.563	23.474	-8.512	-12.601	76.066
718997.9	6343998.4	4400	1900	+0.162	4224.221	979539.426	-27.557	23.478	-8.513	-12.592	76.078
718999.5	6345999.7	4600	1900	+0.063	4221.345	979536.550	-28.944	23.598	-8.557	-13.903	76.467
D247											
714509.1	6345320.8	0	5102	+0.000	4213.487	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	-0.007	4213.487	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	+0.005	4213.494	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	+0.004	4213.489	979528.787	-37.286	38.814	-14.074	-12.545	125.776
715038.0	6331967.3	3200	1500	+0.003	4226.828	979542.121	-33.888	38.334	-13.900	-9.454	124.218
716047.4	6331973.6	3200	1600	+0.004	4226.522	979541.815	-34.172	40.353	-14.632	-8.451	130.762
715017.8	6333952.5	3400	1500	+0.003	4223.919	979539.212	-35.317	41.814	-15.162	-8.665	135.497
716067.9	6333994.8	3400	1600	+0.003	4219.917	979535.210	-39.271	48.933	-17.743	-8.081	158.566
715017.3	6336000.0	3600	1500	+0.002	4219.024	979534.317	-38.687	47.731	-17.307	-8.263	154.669
716025.3	6335979.7	3600	1600	+0.002	4220.602	979535.895	-37.108	45.123	-16.362	-8.346	146.220
716955.9	6336067.4	3600	1700	+0.002	4221.626	979536.919	-36.003	43.439	-15.751	-8.315	140.763
715017.8	6337977.7	3800	1500	+0.002	4217.904	979533.197	-38.334	44.618	-16.179	-9.895	144.581
716003.5	6337975.4	3800	1600	+0.002	4222.338	979537.631	-33.885	39.185	-14.209	-8.909	126.978
717008.8	6337971.1	3800	1700	+0.002	4223.828	979539.121	-32.382	36.960	-13.402	-8.823	119.768
715008.6	6339989.2	4000	1500	+0.001	4220.914	979536.207	-33.826	37.238	-13.503	-10.091	120.667
716006.4	6340001.5	4000	1600	+0.001	4222.434	979537.727	-32.281	34.483	-12.504	-10.301	111.739
717020.2	6339979.0	4000	1700	+0.001	4220.834	979536.127	-33.881	36.009	-13.057	-10.928	116.686
718013.8	6340010.4	4000	1800	+0.001	4220.660	979535.953	-34.015	36.352	-13.181	-10.845	117.795
719031.0	6339973.1	4000	1900	+0.001	4223.778	979539.071	-30.908	31.423	-11.394	-10.879	101.825
714998.3	6341982.3	4200	1500	+0.001	4219.445	979534.738	-33.811	34.568	-12.534	-11.778	112.015
D248											
714509.1	6345320.8	0	5102	+0.000	4213.520	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	-0.008	4213.520	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	+0.046	4213.528	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	-0.007	4213.482	979528.787	-37.286	38.814	-14.074	-12.545	125.776
705991.2	6339984.6	4000	600	+0.041	4215.536	979530.795	-39.386	50.620	-18.355	-7.121	164.031
707005.7	6339960.7	4000	700	+0.040	4216.980	979532.239	-37.943	50.874	-18.447	-5.517	164.853
707999.5	6339987.4	4000	800	+0.039	4215.568	979530.827	-39.320	49.371	-17.902	-7.851	159.985
709017.0	6339982.7	4000	900	+0.038	4211.667	979526.926	-43.208	51.982	-18.849	-10.075	168.443
710005.5	6339980.7	4000	1000	+0.038	4208.278	979523.937	-46.583	54.976	-19.935	-11.541	178.148
710988.3	6339981.3	4000	1100	+0.036	4210.838	979526.097	-44.007	52.609	-19.076	-10.475	170.475
712004.5	6339983.0	4000	1200	+0.035	4214.583	979529.842	-40.244	46.908	-17.009	-10.346	152.001
713018.5	6339993.2	4000	1300	+0.034	4217.908	979533.167	-36.895	41.616	-15.090	-10.370	134.853
714013.7	6340026.9	4000	1400	+0.034	4216.873	979532.132	-37.889	42.429	-15.385	-10.845	137.489
706003.3	6342006.4	4200	600	+0.021	4206.270	979521.529	-47.146	58.937	-21.371	-9.580	190.983
707007.9	6341996.5	4200	700	+0.022	4210.583	979525.842	-42.825	55.597	-20.160	-7.387	180.159
708003.2	6341963.6	4200	800	+0.024	4213.179	979528.438	-40.237	49.419	-17.920	-8.738	160.139

708984.6	6341967.4	4200	900	+0.025	4212.394	979527.653	-41.004	47.677	-17.288	-10.615	154.494
710002.3	6341990.6	4200	1000	+0.026	4212.438	979527.697	-40.927	48.143	-17.457	-10.241	156.004
711009.1	6341981.7	4200	1100	+0.029	4210.553	979525.812	-42.802	48.991	-17.765	-11.575	158.754
712010.7	6341997.3	4200	1200	+0.031	4213.822	979529.081	-39.506	43.869	-15.907	-11.544	142.155
712990.9	6341991.0	4200	1300	+0.032	4216.119	979531.378	-37.197	41.024	-14.875	-11.049	132.935
714016.0	6341972.0	4200	1400	+0.033	4218.780	979534.039	-34.534	36.768	-13.332	-11.099	119.143
705990.0	6343985.3	4400	600	+0.018	4207.571	979522.830	-44.372	54.437	-19.739	-9.674	176.400
706988.9	6343986.5	4400	700	+0.018	4211.361	979526.620	-40.566	49.982	-18.124	-8.707	161.965
708013.7	6344011.6	4400	800	+0.016	4212.619	979527.878	-39.273	46.956	-17.026	-9.343	152.158
708994.6	6343982.2	4400	900	+0.014	4213.293	979528.552	-38.605	43.666	-15.833	-10.773	141.497
710059.1	6344011.8	4400	1000	+0.013	4214.698	979529.957	-37.162	39.749	-14.413	-11.826	128.803
710990.4	6344016.8	4400	1100	+0.012	4214.972	979530.231	-36.869	39.478	-14.315	-11.706	127.926
711977.7	6343985.6	4400	1200	+0.011	4213.284	979528.543	-38.564	40.244	-14.593	-12.913	130.407
712977.8	6344007.5	4400	1300	+0.010	4213.129	979528.388	-38.687	40.760	-14.780	-12.707	132.080
714000.8	6343999.6	4400	1401	+0.009	4213.799	979529.058	-38.006	39.894	-14.466	-12.578	129.273
714000.8	6343999.6	4400	1400	+0.045	4213.831	979529.090	-37.974	39.893	-14.465	-12.547	129.271
717959.1	6345956.0	4600	1800	+0.006	4220.638	979535.897	-29.647	25.118	-9.108	-13.637	81.393
D249											
714509.1	6345320.8	0	5102	+0.000	4213.489	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	-0.002	4213.489	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	+0.018	4213.491	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	+0.000	4213.473	979528.787	-37.286	38.814	-14.074	-12.545	125.776
707054.7	6335996.4	3600	700	+0.016	4226.885	979542.181	-30.954	41.590	-15.081	-4.445	134.769
707994.8	6335984.3	3600	800	+0.016	4225.182	979540.478	-32.651	44.710	-16.212	-4.153	144.880
708990.6	6336011.4	3600	900	+0.015	4220.066	979535.362	-37.731	49.196	-17.839	-6.373	159.416
709996.0	6336005.8	3600	1000	+0.015	4212.007	979527.303	-45.778	56.531	-20.498	-9.745	183.184
711027.5	6336019.8	3600	1100	+0.014	4212.413	979527.709	-45.345	54.782	-19.864	-10.427	177.518
711981.2	6335971.7	3600	1200	+0.014	4214.114	979529.410	-43.664	52.425	-19.009	-10.249	169.879
713012.6	6335968.8	3600	1300	+0.013	4219.940	979525.236	-37.824	45.634	-16.547	-8.737	147.873
714006.8	6335984.8	3600	1400	+0.013	4220.721	979536.017	-37.015	44.493	-16.133	-8.655	144.176
707098.4	6338025.7	3800	701	+0.008	4223.528	979538.824	-32.798	44.121	-15.999	-4.675	142.973
707098.4	6338025.6	3800	700	+0.017	4223.576	979538.872	-32.750	44.116	-15.997	-4.631	142.954
708008.7	6338037.7	3800	800	+0.008	4218.631	979533.927	-37.672	48.520	-17.594	-6.745	157.226
708994.6	6338005.3	3800	900	+0.009	4213.474	979528.770	-42.837	52.944	-19.198	-9.091	171.562
710043.7	6338024.7	3800	1000	+0.009	4210.951	979526.247	-45.329	54.513	-19.767	-10.583	176.645
710995.9	6338026.8	3800	1100	+0.010	4211.306	979526.602	-44.957	53.307	-19.329	-10.980	172.737
712055.4	6338002.8	3800	1200	+0.010	4213.270	979528.566	-42.994	51.283	-18.595	-10.307	166.179
712986.3	6338000.9	3800	1300	+0.010	4213.638	979528.934	-42.613	51.340	-18.616	-9.889	166.364
714019.7	6337987.5	3800	1400	+0.011	4215.644	979530.940	-40.600	49.444	-17.929	-9.084	160.220
708013.7	6344011.5	4400	800	+0.006	4212.632	979527.928	-39.223	46.951	-17.025	-9.297	152.141
D257											
714509.1	6345320.8	0	5102	+0.000	4213.558	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	-0.005	4213.558	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	-0.029	4213.563	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	+0.010	4213.592	979528.787	-37.286	38.814	-14.074	-12.545	125.776
725944.8	6348045.4	3480	7260	-0.027	4222.201	979537.425	-26.430	16.036	-5.815	-16.209	51.963
706001.4	6349958.9	5000	600	-0.020	4209.771	979524.995	-37.764	41.089	-14.899	-11.573	133.148
707005.6	6349951.2	5000	700	-0.021	4213.336	979528.560	-34.188	37.288	-13.521	-10.421	120.831
707976.7	6349959.8	5000	800	-0.022	4211.900	979527.124	-35.603	36.458	-13.220	-12.365	118.140
705974.0	6352050.9	5200	600	-0.011	4212.050	979527.274	-33.929	35.885	-13.012	-11.057	116.283
706974.7	6351968.5	5200	700	-0.012	4214.972	979530.196	-31.053	33.263	-12.061	-9.851	107.788
708013.3	6351988.8	5200	800	-0.013	4213.743	979528.967	-32.251	32.337	-11.726	-11.639	104.787
709033.9	6351983.4	5200	900	-0.013	4211.490	979526.714	-34.492	33.186	-12.033	-13.339	107.538
710043.2	6351988.0	5200	1000	-0.014	4210.734	979525.958	-35.228	32.540	-11.799	-14.487	105.445
711029.9	6351947.0	5200	1100	-0.014	4212.372	979527.596	-33.605	30.029	-10.889	-14.465	97.306
712084.4	6351967.5	5200	1200	-0.015	4213.794	979529.018	-32.151	28.591	-10.367	-13.927	92.649
713021.3	6351962.9	5200	1300	-0.016	4215.979	979531.203	-29.954	25.454	-9.230	-13.730	82.483
713991.8	6351972.5	5200	1400	-0.016	4214.678	979529.902	-31.233	25.361	-9.196	-15.067	82.181
705019.9	6355977.8	5600	500	-0.006	4205.961	979521.185	-37.115	38.320	-13.895	-12.690	124.175
712903.9	6356008.1	5600	1300	-0.008	4213.836	979529.060	-29.093	22.207	-8.052	-14.938	71.960
714006.5	6356039.2	5600	1400	-0.009	4213.566	979528.790	-29.322	23.036	-8.353	-14.639	74.648
D258											
714509.1	6345320.8	0	5102	+0.000	4213.544	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	-0.018	4213.544	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	-0.005	4213.562	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	-0.002	4213.567	979528.787	-37.286	38.814	-14.074	-12.545	125.776
706013.3	6345977.2	4600	600	-0.005	4210.566	979525.791	-39.929	47.023	-17.051	-9.957	152.375
706976.5	6346011.7	4600	700	-0.004	4212.463	979527.688	-37.991	45.904	-16.645	-8.732	148.749
708017.9	6345960.8	4600	800	-0.004	4211.210	979526.435	-39.266	44.838	-16.258	-10.686	145.295
708960.3	6346011.3	4600	900	-0.004	4210.948	979526.173	-39.475	43.298	-15.700	-11.877	140.304
711022.3	6345994.4	4600	1100	-0.004	4212.165	979527.390	-38.238	37.904	-13.744	-14.078	122.826
710018.0	6346001.1	4600	1000	-0.004	4209.806	979525.031	-40.608	42.269	-15.327	-13.666	136.970
711974.7	6346002.4	4600	1200	-0.004	4215.296	979530.521	-35.086	33.760	-12.241	-13.567	109.397
713033.7	6346024.5	4600	1300	-0.004	4216.670	979531.895	-33.678	33.722	-12.228	-12.184	109.274
713965.2	6345968.6	4600	1400	-0.004	4210.971	979526.196	-39.404	42.471	-15.400	-12.333	137.625
715004.5	6346001.4	4600	1500	-0.005	4215.529	979530.754	-34.805	34.301	-12.438	-12.941	111.150
716985.0	6346015.0	4600	1700	-0.001	4219.235	979534.460	-31.056	27.357	-9.920	-13.619	88.649
706046.7	6348009.0	4800	600	-0.002	4210.106	979525.331	-38.877	43.368	-15.726	-11.234	140.533
707062.6	6348017.2	4800	700	-0.002	4212.788	979528.013	-36.173	40.683	-14.752	-10.242	131.831
708032.9	6347978.1	4800	800	-0.003	4211.527	979526.752	-37.448	40.577	-14.713	-11.584	131.486
709029.0	6348008.6	4800	900	-0.003	4208.074	979523.299	-40.862	42.001	-15.230	-14.091	136.103
710038.2	6347938.1	4800	1000	-0.003	4208.223	979523.448	-40.750	41.256	-14.960	-14.453	133.688
710949.1	6347942.9	4800	1100	-0.003	4210.951	979526.176	-38.004	36.512	-13.240	-14.731	118.316

711987.7	6347977.3	4800	1200	-0.003	4213.091	979528.316	-35.821	34.093	-12.362	-14.091	110.476
713046.4	6348022.7	4800	1300	-0.003	4217.916	979533.141	-30.946	29.220	-10.595	-12.321	94.686
713976.5	6347975.7	4800	1400	-0.003	4216.498	979531.723	-32.384	29.785	-10.800	-13.399	96.515
708976.7	6349982.0	5000	900	-0.002	4210.621	979525.846	-36.849	35.843	-12.997	-14.002	116.148
709983.2	6349990.8	5000	1000	-0.002	4209.806	979525.031	-37.641	36.302	-13.163	-14.502	117.635
711015.0	6349972.3	5000	1100	-0.002	4209.982	979525.207	-37.462	36.163	-13.113	-14.412	117.185
711978.5	6350008.7	5000	1200	-0.002	4212.422	979527.647	-34.980	33.590	-12.180	-13.570	108.847
713018.5	6349997.6	5000	1300	-0.002	4215.466	979530.691	-31.927	30.635	-11.108	-12.401	99.271
714004.9	6349987.7	5000	1400	-0.002	4215.475	979530.700	-31.910	27.759	-10.065	-14.217	89.950
713733.5	6346098.5	6331	1104	-0.004	4209.480	979524.705	-40.802	44.739	-16.223	-12.285	144.974
D259											
709263.8	6326291.9	0	5104	+0.000	4230.341	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	+0.002	4230.341	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	+0.025	4230.339	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	+0.003	4230.314	979545.569	-34.765	32.780	-11.886	-13.872	106.221
706008.8	6326027.9	2600	600	+0.009	4228.035	979543.265	-37.318	39.492	-14.320	-12.146	127.970
706965.6	6326066.6	2600	700	+0.008	4228.099	979543.329	-37.210	38.743	-14.048	-12.515	125.544
708031.1	6326033.7	2600	800	+0.007	4227.874	979543.104	-37.443	37.275	-13.516	-13.684	120.788
709013.1	6326027.9	2600	901	+0.006	4228.934	979544.164	-36.371	34.799	-12.618	-14.191	112.764
709013.2	6326027.9	2600	900	+0.024	4228.924	979544.154	-36.381	34.798	-12.618	-14.201	112.760
706036.6	6328077.8	2800	600	+0.011	4224.148	979539.378	-39.675	43.497	-15.772	-11.951	140.949
707012.3	6328056.2	2800	700	+0.012	4226.481	979541.711	-37.343	39.740	-14.410	-12.013	128.775
707995.7	6328048.7	2800	800	+0.013	4228.876	979544.106	-34.938	36.072	-13.080	-11.946	116.888
709037.8	6328052.2	2800	900	+0.014	4231.698	979546.928	-32.097	32.346	-11.729	-11.480	104.815
710047.9	6328030.6	2800	1000	+0.014	4228.684	979543.914	-35.111	33.264	-12.062	-13.909	107.789
711026.7	6328054.4	2800	1100	+0.015	4227.555	979542.785	-36.206	35.699	-12.945	-13.452	115.682
712032.8	6328033.0	2800	1200	+0.016	4226.001	979541.231	-37.760	37.074	-13.443	-14.129	120.136
708963.4	6330026.9	3000	900	+0.022	4230.290	979545.520	-32.033	35.072	-12.717	-9.678	113.650
710033.4	6329974.8	3000	1000	+0.021	4229.823	979545.053	-32.522	35.309	-12.803	-10.016	114.417
711013.8	6329983.8	3000	1100	+0.020	4226.358	979541.588	-35.965	41.369	-15.001	-9.596	134.055
712045.6	6330045.0	3000	1200	+0.019	4225.578	979540.808	-36.683	38.438	-13.938	-12.182	124.556
713027.9	6330045.9	3000	1300	+0.018	4228.338	979543.568	-33.906	34.775	-12.610	-11.741	112.686
D260											
709263.8	6326291.9	0	5104	+0.000	4230.329	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	-0.009	4230.329	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	-0.012	4230.338	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	-0.004	4230.350	979545.569	-34.765	32.780	-11.886	-13.872	106.221
701008.7	6322031.6	2200	100	-0.007	4224.281	979539.512	-44.132	54.497	-19.761	-9.396	176.593
702009.1	6321981.8	2200	200	-0.008	4225.096	979540.327	-43.338	50.609	-18.351	-11.080	163.995
703028.6	6321983.8	2200	300	-0.008	4224.726	979539.957	-43.691	50.776	-18.412	-11.326	164.537
703974.0	6322012.1	2200	400	-0.009	4226.031	979541.262	-42.350	50.579	-18.340	-10.111	163.899
704991.6	6322017.4	2200	500	-0.009	4221.355	979536.586	-47.006	56.661	-20.546	-10.890	183.608
705996.3	6321988.9	2200	600	-0.010	4221.153	979536.384	-47.213	53.827	-19.518	-12.904	174.424
707013.5	6322025.3	2200	700	-0.010	4226.702	979541.933	-41.621	45.021	-16.325	-12.925	145.888
701028.3	6324066.7	2400	100	-0.006	4219.455	979534.686	-47.438	60.300	-21.865	-9.003	195.399
702013.1	6324051.9	2400	200	-0.006	4221.840	979537.071	-45.049	54.106	-19.619	-10.562	175.328
703051.9	6324020.2	2400	300	-0.006	4222.897	979538.128	-44.000	50.607	-18.350	-11.743	163.989
704004.3	6324013.8	2400	400	-0.005	4225.719	979540.950	-41.167	48.121	-17.449	-10.495	155.934
705024.4	6324027.4	2400	500	-0.004	4225.731	979540.962	-41.129	47.893	-17.366	-10.603	155.193
706019.1	6324039.2	2400	600	-0.004	4225.126	979540.357	-41.710	47.261	-17.137	-11.586	153.148
707011.3	6323987.9	2400	701	-0.004	4224.998	979540.229	-41.860	44.621	-16.180	-13.419	144.593
707011.2	6323987.8	2400	700	-0.011	4224.999	979540.230	-41.860	44.618	-16.179	-13.421	144.581
708030.8	6326033.5	2600	800	-0.002	4227.842	979543.073	-37.474	37.275	-13.516	-13.715	120.786
D261											
709263.8	6326291.9	0	5104	+0.000	4230.387	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	+0.010	4230.387	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	-0.187	4230.377	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	+0.003	4230.564	979545.569	-34.765	32.780	-11.886	-13.872	106.221
701039.7	6316020.7	1600	100	-0.165	4237.272	979552.464	-35.668	38.126	-13.825	-11.367	123.544
702013.5	6316022.1	1600	200	-0.161	4235.538	979550.730	-37.386	42.783	-15.513	-10.116	138.637
703016.2	6316049.8	1600	300	-0.157	4230.712	979545.904	-42.176	51.130	-18.540	-9.585	165.684
704040.2	6316043.5	1600	400	-0.147	4223.528	979538.720	-49.348	63.123	-22.889	-9.114	204.547
705016.4	6316031.5	1600	500	-0.141	4226.793	979541.985	-46.077	57.276	-20.769	-9.569	185.601
705998.0	6316005.2	1600	600	-0.135	4231.826	979547.018	-41.048	50.667	-18.372	-8.753	164.184
706998.3	6315973.5	1600	700	-0.127	4235.580	979550.772	-37.302	45.352	-16.445	-8.394	146.962
707991.2	6315938.3	1600	800	-0.123	4239.948	979555.140	-32.944	40.357	-14.634	-7.221	130.775
708970.6	6316010.6	1600	900	-0.118	4243.450	979558.642	-29.373	37.088	-13.448	-5.733	120.180
701000.5	6318033.7	1800	100	-0.084	4233.697	979548.889	-37.740	43.513	-15.778	-10.005	141.001
701979.4	6317987.1	1800	200	-0.088	4235.368	979550.560	-36.089	41.987	-15.225	-9.326	136.057
702949.3	6318006.8	1800	300	-0.091	4234.431	979549.623	-36.996	45.191	-16.386	-8.191	146.438
704003.3	6318010.5	1800	400	-0.095	4230.789	979545.981	-40.619	50.201	-18.203	-8.621	162.672
704947.8	6317932.9	1800	500	-0.100	4225.538	979540.730	-45.913	57.840	-20.973	-9.046	187.426
705986.7	6317972.1	1800	600	-0.104	4226.821	979542.013	-44.584	53.355	-19.347	-10.576	172.894
706981.0	6317986.2	1800	700	-0.106	4232.670	979547.862	-38.709	46.333	-16.801	-9.176	150.140
707954.2	6317938.7	1800	800	-0.109	4237.301	979552.493	-34.098	40.497	-14.684	-8.285	131.229
709048.6	6318015.0	1800	900	-0.113	4239.092	979554.284	-32.232	38.880	-14.098	-7.450	125.988
701025.8	6319973.0	2000	100	-0.076	4230.360	979545.552	-39.628	47.429	-17.198	-9.397	153.691
701987.1	6320042.9	2000	200	-0.072	4230.773	979545.965	-39.148	46.476	-16.852	-9.524	150.603
702988.7	6319955.4	2000	300	-0.069	4231.177	979546.369	-38.794	45.343	-16.441	-9.893	146.930
704039.9	6320008.2	2000	400	-0.066	4228.382	979543.574	-41.533	50.537	-18.325	-9.321	163.762
704962.6	6320031.7	2000	500	-0.063	4225.160	979540.352	-44.723	54.357	-19.710	-10.076	176.140
705952.8	6319964.1	2000	600	-0.055	4222.912	979538.104	-47.006	53.813	-19.513	-12.706	174.377
706997.4	6320009.8	2000	700	-0.051	4229.735	979544.927	-40.132	44.804	-16.246	-11.574	145.185

708044.8	6320031.3	2000	800	-0.048	4233.838	979549.030	-35.997	39.639	-14.373	-10.731	128.449
709001.5	6320042.3	2000	900	-0.045	4235.993	979551.185	-33.818	36.978	-13.408	-10.248	119.824
703028.4	6321984.0	2200	300	-0.177	4224.780	979539.972	-43.676	50.770	-18.410	-11.315	164.518
707017.3	6322023.4	2200	700	-0.034	4226.790	979541.982	-41.574	44.989	-16.313	-12.898	145.784
708044.6	6322017.7	2200	800	-0.038	4229.941	979545.133	-38.410	41.231	-14.950	-12.130	133.605
709056.9	6321944.0	2200	900	-0.040	4231.033	979546.225	-37.357	37.715	-13.676	-13.318	122.214
708001.0	6323995.2	2400	800	-0.029	4228.451	979543.643	-38.425	39.928	-14.478	-12.975	129.385
708939.7	6323998.2	2400	900	-0.022	4229.596	979544.788	-37.263	36.066	-13.078	-14.275	116.870
D262											
709263.8	6326291.9	0	5104	+0.000	4230.534	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	+0.009	4230.534	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	+0.022	4230.525	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	-0.002	4230.503	979545.569	-34.765	32.780	-11.886	-13.872	106.221
705078.1	6312000.6	1200	500	+0.006	4228.896	979543.940	-47.133	58.469	-21.201	-9.865	189.466
706003.7	6311977.0	1200	600	+0.007	4238.886	979553.930	-37.146	44.450	-16.118	-8.814	144.038
707016.7	6312057.9	1200	700	+0.007	4239.223	979554.267	-36.733	46.535	-16.874	-7.072	150.794
707990.9	6312081.6	1200	800	+0.008	4245.588	979560.632	-30.335	36.735	-13.320	-6.920	119.037
709096.9	6312016.5	1200	900	+0.009	4252.705	979567.749	-23.248	29.990	-10.874	-4.133	97.180
701034.4	6314019.1	1400	100	+0.014	4237.136	979552.180	-37.448	36.595	-13.270	-14.122	118.584
702078.5	6314016.0	1400	200	+0.013	4235.647	979550.691	-38.923	39.009	-14.145	-14.059	126.407
703045.3	6314013.6	1400	300	+0.013	4237.015	979552.059	-37.542	38.309	-13.891	-13.124	124.138
704045.6	6314017.7	1400	400	+0.012	4235.794	979550.838	-38.744	42.335	-15.351	-11.760	137.183
705090.6	6314021.2	1400	500	+0.012	4216.521	979531.565	-57.998	74.265	-26.929	-10.662	240.650
706071.3	6313984.8	1400	600	+0.011	4231.488	979546.532	-43.043	52.855	-19.165	-9.354	171.272
707107.6	6313932.7	1400	700	+0.010	4237.158	979552.202	-37.395	47.220	-17.122	-7.297	153.012
708010.0	6313971.6	1400	800	+0.010	4242.438	979557.482	-32.072	40.026	-14.514	-6.559	129.703
709046.9	6313999.7	1400	900	+0.009	4246.964	979562.008	-27.508	35.520	-12.880	-4.868	115.100
709048.7	6318015.0	1800	900	+0.004	4239.212	979554.256	-32.260	38.876	-14.097	-7.481	125.975
702009.2	6321982.1	2200	200	+0.016	4225.279	979540.323	-43.342	50.618	-18.354	-11.078	164.026
706018.3	6337978.1	3800	600	+0.019	4221.044	979536.088	-35.587	44.928	-16.291	-6.949	145.588
D263											
709263.8	6326291.9	0	5104	+0.000	4230.496	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	-0.007	4230.496	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	+0.115	4230.503	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	-0.006	4230.388	979545.569	-34.765	32.780	-11.886	-13.872	106.221
712991.2	6328008.0	2800	1300	+0.013	4229.040	979544.106	-34.888	33.710	-12.223	-13.402	109.236
714125.8	6329981.9	3000	1400	+0.020	4229.589	979544.655	-32.849	33.686	-12.215	-11.377	109.158
714985.5	6329998.9	3000	1500	+0.023	4229.043	979544.109	-33.368	36.525	-13.244	-10.087	118.356
715984.9	6329996.2	3000	1600	+0.026	4227.134	979542.200	-35.263	40.795	-14.792	-9.260	132.193
716996.2	6330000.5	3000	1700	+0.029	4227.488	979542.554	-34.889	39.768	-14.420	-9.541	128.866
707996.6	6331995.7	3200	800	+0.089	4231.144	979546.210	-29.891	35.391	-12.833	-7.333	114.683
708995.4	6332001.0	3200	900	+0.091	4229.230	979544.296	-31.785	38.173	-13.842	-7.454	123.697
709995.5	6331996.7	3200	1000	+0.094	4227.861	979542.927	-33.142	40.776	-14.786	-7.151	132.132
710999.8	6332003.5	3200	1100	+0.096	4221.340	979536.406	-39.641	46.885	-17.001	-9.757	151.929
711995.3	6331992.9	3200	1200	+0.099	4222.966	979538.032	-38.007	41.896	-15.192	-11.302	135.763
712990.3	6332003.9	3200	1300	+0.102	4227.253	979542.319	-33.696	38.113	-13.820	-9.403	123.502
713999.7	6332002.2	3200	1400	+0.105	4226.763	979541.829	-34.171	37.568	-13.622	-10.225	121.736
717006.3	6331997.0	3200	1700	+0.034	4227.693	979542.759	-33.195	38.318	-13.894	-8.772	124.166
707995.5	6333989.3	3400	800	+0.076	4228.849	979543.915	-30.700	40.467	-14.674	-4.907	131.131
708996.2	6334010.2	3400	900	+0.073	4227.911	979542.977	-31.607	42.713	-15.488	-4.381	138.410
710009.8	6333997.5	3400	1000	+0.068	4220.096	979535.162	-39.415	50.085	-18.161	-7.491	162.297
711002.1	6334007.6	3400	1100	+0.065	4215.181	979530.247	-44.306	53.257	-19.311	-10.360	172.577
711998.5	6333999.6	3400	1200	+0.062	4221.201	979536.267	-38.276	44.866	-16.269	-9.679	145.387
713001.7	6333993.3	3400	1300	+0.059	4223.007	979538.073	-36.459	41.698	-15.120	-9.881	135.120
713981.3	6334010.8	3400	1400	+0.056	4224.739	979539.805	-34.698	39.306	-14.253	-9.644	127.369
714998.6	6334000.5	3400	1500	+0.047	4224.090	979539.156	-35.338	41.831	-15.168	-8.675	135.552
716988.8	6333988.3	3400	1700	+0.039	4223.550	979538.616	-35.854	42.160	-15.287	-8.982	136.617
706000.8	6335999.8	3600	600	+0.082	4223.625	979538.691	-34.457	42.087	-15.261	-7.631	136.380
D264											
709263.8	6326291.9	0	5104	+0.000	4230.449	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	+0.006	4230.449	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	-0.036	4230.443	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	+0.002	4230.479	979545.569	-34.765	32.780	-11.886	-13.872	106.221
705984.6	6329999.9	3000	600	-0.007	4227.885	979543.011	-34.610	37.873	-13.733	-10.470	122.724
706997.6	6329997.6	3000	700	-0.007	4229.543	979544.669	-32.937	34.848	-12.636	-10.725	114.924
708005.1	6330006.5	3000	800	-0.008	4231.647	979546.773	-30.811	33.452	-12.130	-9.489	108.400
705499.4	6332002.8	3200	550	-0.012	4225.455	979540.581	-35.554	41.286	-14.971	-9.238	133.785
706002.2	6332001.4	3200	600	-0.011	4226.144	979541.270	-34.858	41.002	-14.868	-8.724	132.865
706508.0	6331994.6	3200	650	-0.011	4227.361	979542.487	-33.638	38.552	-13.979	-9.065	124.926
707007.0	6332000.6	3200	700	-0.010	4228.286	979543.412	-32.701	37.724	-13.679	-8.656	122.243
707505.5	6331998.6	3200	750	-0.009	4229.286	979544.412	-31.695	37.710	-13.674	-7.659	122.197
707996.6	6331995.7	3200	800	-0.034	4231.143	979546.269	-29.832	35.388	-12.832	-7.276	114.673
705498.4	6332503.6	3250	550	-0.013	4223.996	979539.122	-36.640	43.546	-15.790	-8.884	141.109
706006.9	6332511.4	3250	600	-0.014	4224.337	979539.463	-36.285	43.107	-15.631	-8.808	139.687
706500.2	6332506.8	3250	650	-0.014	4225.356	979540.482	-35.262	41.075	-14.894	-9.080	133.102
707001.5	6332504.0	3250	700	-0.015	4227.282	979542.408	-33.330	39.435	-14.299	-8.194	127.786
707512.5	6332499.3	3250	750	-0.016	4230.152	979545.278	-30.455	36.110	-13.093	-7.439	117.011
705495.8	6332999.8	3300	550	-0.019	4223.670	979538.796	-36.596	44.346	-16.080	-8.330	143.702
706001.7	6333000.6	3300	600	-0.019	4224.602	979539.728	-35.656	42.392	-15.372	-8.635	137.370
706501.7	6333001.7	3300	650	-0.018	4225.847	979540.973	-34.402	40.652	-14.740	-8.491	131.729
707004.4	6332996.3	3300	700	-0.017	4227.609	979542.735	-32.636	38.430	-13.935	-8.141	124.529
707498.0	6333007.0	3300	750	-0.016	4230.124	979545.250	-30.105	36.651	-13.290	-6.744	118.767
705496.1	6333501.7	3350	550	-0.020	4223.096	979538.222	-36.796	44.815	-16.250	-8.231	145.219

705995.6	6333499.6	3350	600	-0.020	4223.843	979538.969	-36.043	42.730	-15.494	-8.807	138.465
706504.8	6333506.3	3350	650	-0.021	4226.708	979541.834	-33.165	39.351	-14.269	-8.083	127.515
707000.3	6333506.5	3350	700	-0.022	4228.675	979543.801	-31.190	37.786	-13.701	-7.105	122.444
707478.7	6333503.0	3350	750	-0.023	4230.032	979545.158	-29.828	37.212	-13.493	-6.109	120.582
708001.8	6333500.7	3350	800	-0.033	4229.364	979544.490	-30.489	37.932	-13.754	-6.311	122.918
708496.5	6333495.0	3350	850	-0.033	4228.457	979543.583	-31.392	40.004	-14.506	-5.894	129.630
708995.5	6333501.5	3350	900	-0.032	4228.360	979543.486	-31.477	41.186	-14.934	-5.225	133.462
709495.8	6333500.1	3350	950	-0.032	4226.781	979541.907	-33.049	43.544	-15.789	-5.294	141.103
710010.8	6333503.4	3350	1000	-0.031	4223.069	979538.195	-36.750	47.488	-17.219	-6.481	153.883
705503.1	6334001.9	3400	550	-0.026	4224.388	979539.514	-35.131	42.747	-15.500	-7.884	138.519
705993.7	6334002.5	3400	600	-0.026	4225.103	979540.229	-34.408	41.205	-14.941	-8.144	133.521
706504.2	6334001.6	3400	650	-0.024	4227.315	979542.441	-32.188	39.019	-14.149	-7.318	126.440
707001.9	6334005.7	3400	700	-0.023	4228.705	979543.831	-30.788	38.550	-13.979	-6.216	124.920
707500.2	6334004.6	3400	750	-0.027	4230.097	979545.223	-29.388	37.620	-13.641	-5.409	121.906
708494.2	6334005.5	3400	850	-0.028	4228.099	979543.225	-31.370	40.866	-14.818	-5.322	132.423
708996.1	6334010.0	3400	900	-0.029	4227.859	979542.985	-31.599	42.732	-15.495	-4.362	138.470
709497.2	6334002.3	3400	950	-0.030	4224.685	979539.811	-34.771	45.618	-16.541	-5.694	147.821
D265											
709263.8	6326291.9	0	5104	+0.000	4230.474	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	-0.005	4230.474	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	+0.018	4230.479	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	+0.006	4230.461	979545.569	-34.765	32.780	-11.886	-13.872	106.221
708493.8	6332024.2	3200	850	+0.002	4230.627	979545.717	-30.355	36.222	-13.134	-7.267	117.376
708995.6	6332001.0	3200	900	+0.002	4229.250	979544.340	-31.741	38.178	-13.843	-7.407	123.712
709490.3	6332006.3	3200	950	+0.002	4229.858	979544.948	-31.121	38.171	-13.841	-6.791	123.692
708002.9	6332507.5	3250	800	+0.004	4231.078	979546.168	-29.551	36.189	-13.122	-6.485	117.268
708499.6	6332505.7	3250	850	+0.004	4230.625	979545.715	-29.998	36.844	-13.360	-6.514	119.391
708996.1	6332521.1	3250	900	+0.005	4230.385	979545.475	-30.218	37.844	-13.722	-6.097	122.630
709501.8	6332497.6	3250	950	+0.005	4228.916	979544.006	-31.697	39.590	-14.355	-6.463	128.288
709975.0	6332487.3	3250	1000	+0.002	4227.575	979542.665	-33.038	41.613	-15.089	-6.514	134.845
707995.4	6332995.5	3300	800	+0.004	4229.976	979545.066	-30.290	37.967	-13.767	-6.090	123.030
708499.7	6332997.5	3300	850	+0.004	4229.066	979544.156	-31.187	38.594	-13.994	-6.587	125.060
709003.9	6332994.5	3300	900	+0.003	4229.128	979544.218	-31.122	39.698	-14.395	-5.819	128.640
709529.4	6332999.9	3300	950	+0.003	4227.641	979542.731	-32.597	41.732	-15.132	-5.998	135.229
710006.4	6332997.5	3300	1000	+0.003	4225.933	979541.023	-34.299	43.958	-15.939	-6.281	142.442
705484.9	6334527.7	3450	550	+0.007	4223.677	979538.767	-35.486	42.428	-15.385	-8.443	137.485
705969.4	6334513.8	3450	600	+0.007	4225.692	979540.782	-33.474	40.215	-14.582	-7.841	130.315
706493.5	6334487.9	3450	650	+0.007	4226.967	979542.057	-32.210	39.421	-14.294	-7.084	127.740
706992.2	6334514.1	3450	700	+0.007	4228.306	979543.396	-30.844	38.762	-14.055	-6.137	125.607
707483.3	6334510.1	3450	750	+0.006	4229.969	979545.059	-29.176	38.450	-13.942	-4.668	124.595
707990.7	6334500.6	3450	800	+0.006	4230.216	979545.306	-28.928	40.173	-14.567	-3.322	130.179
708485.4	6334488.4	3450	850	+0.006	4227.309	979542.399	-31.837	41.969	-15.218	-5.086	135.997
709007.1	6334497.2	3450	900	+0.005	4226.271	979541.361	-32.860	43.759	-15.867	-4.968	141.799
705517.8	6335010.7	3500	550	+0.008	4223.578	979538.668	-35.225	41.659	-15.106	-8.672	134.993
705984.8	6335001.6	3500	600	+0.008	4223.089	979538.179	-35.713	43.397	-15.736	-8.053	140.624
706473.7	6335008.2	3500	650	+0.008	4226.399	979541.489	-32.391	40.292	-14.610	-6.709	130.564
706983.5	6335013.8	3500	700	+0.008	4228.096	979543.186	-30.682	39.617	-14.365	-5.430	128.375
707482.2	6335011.8	3500	750	+0.009	4229.453	979544.543	-29.318	39.753	-14.415	-3.980	128.817
705490.4	6335511.3	3550	550	+0.010	4221.777	979536.867	-36.654	44.170	-16.016	-8.500	143.130
705992.7	6335492.7	3550	600	+0.010	4223.660	979538.750	-34.777	42.352	-15.357	-7.782	137.238
706493.5	6335514.6	3550	650	+0.010	4226.082	979541.172	-32.330	41.072	-14.893	-6.151	133.090
706987.5	6335527.4	3550	700	+0.009	4227.703	979542.793	-30.692	40.264	-14.600	-5.028	130.473
705487.4	6335909.0	3600	550	+0.011	4221.679	979536.769	-36.455	43.642	-15.825	-8.638	141.418
706015.3	6335997.0	3600	600	+0.011	4223.707	979538.797	-34.353	42.006	-15.231	-7.579	136.117
706483.0	6336016.2	3600	650	+0.011	4226.012	979541.102	-32.027	40.619	-14.729	-6.136	131.623
705484.9	6336498.2	3650	550	+0.012	4219.901	979534.991	-37.794	46.605	-16.899	-8.088	151.021
705982.0	6336506.7	3650	600	+0.012	4223.895	979538.985	-33.786	42.592	-15.444	-6.638	138.018
706497.0	6336503.3	3650	650	+0.012	4225.653	979540.743	-32.023	40.790	-14.791	-6.024	132.177
706991.0	6336485.8	3650	700	+0.012	4226.601	979541.691	-31.080	41.529	-15.058	-4.610	134.571
705504.9	6337022.9	3700	550	+0.013	4218.914	979534.004	-38.390	46.642	-16.913	-8.660	151.141
705991.9	6337003.9	3700	600	+0.013	4222.406	979537.496	-34.905	43.726	-15.855	-7.034	141.690
706479.5	6336996.2	3700	650	+0.013	4224.793	979539.883	-32.516	41.730	-15.132	-5.917	135.225
707013.4	6337009.0	3700	700	+0.013	4225.945	979541.035	-31.346	42.111	-15.270	-4.504	136.458
705473.9	6337518.3	3750	550	+0.015	4216.882	979531.972	-40.053	48.903	-17.732	-8.883	158.466
706004.9	6337516.4	3750	600	+0.014	4221.121	979536.211	-35.808	44.659	-16.193	-7.342	144.714
706468.5	6337496.1	3750	650	+0.014	4224.129	979539.219	-32.807	42.337	-15.352	-5.822	137.190
705518.1	6338007.0	3800	550	+0.015	4215.782	979530.872	-40.789	49.077	-17.796	-9.507	159.032
706008.2	6337999.4	3800	600	+0.015	4220.950	979536.040	-35.619	44.976	-16.309	-6.951	145.743
706469.6	6338001.8	3800	650	+0.016	4223.852	979538.942	-32.708	43.320	-15.708	-5.095	140.377
705480.9	6338500.9	3850	550	+0.016	4215.556	979530.646	-40.647	49.939	-18.108	-8.817	161.824
705971.3	6338513.2	3850	600	+0.016	4219.608	979534.698	-36.579	46.709	-16.937	-6.807	151.357
705498.7	6339012.1	3900	550	+0.017	4215.041	979530.131	-40.781	50.506	-18.314	-8.589	163.663
D266											
709263.8	6326291.9	0	5104	+0.000	4230.451	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	-0.002	4230.451	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	+0.032	4230.453	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	+0.004	4230.421	979545.569	-34.765	32.780	-11.886	-13.872	106.221
705484.6	6331019.9	3100	550	+0.012	4225.349	979540.465	-36.403	41.491	-15.045	-9.957	134.449
705968.8	6330981.8	3100	600	+0.011	4225.418	979540.534	-36.355	41.405	-15.013	-9.964	134.169
706503.9	6331001.2	3100	650	+0.011	4227.219	979542.335	-34.531	38.280	-13.880	-10.132	124.044
706983.6	6331003.5	3100	700	+0.010	4228.389	979543.505	-33.352	36.106	-13.092	-10.338	116.998
707491.3	6330986.1	3100	750	+0.010	4231.198	979546.314	-30.548	34.519	-12.517	-8.546	111.856
708009.6	6330988.9	3100	800	+0.010	4231.644	979546.760	-30.091	34.551	-12.529	-8.068	111.962

708496.2	6330993.1	3100	850	+0.007	4229.837	979544.953	-31.888	36.004	-13.055	-8.938	116.670
708974.9	6330994.3	3100	900	+0.007	4228.972	979544.088	-32.744	37.971	-13.768	-8.542	123.042
709500.4	6330987.6	3100	950	+0.006	4230.915	979546.031	-30.798	35.388	-12.832	-8.241	114.673
710020.3	6330997.7	3100	1000	+0.006	4230.193	979545.309	-31.504	37.456	-13.582	-7.630	121.374
710490.5	6331000.2	3100	1050	+0.005	4228.239	979543.355	-33.448	39.845	-14.448	-8.051	129.115
705515.1	6331500.8	3150	550	+0.012	4223.331	979538.447	-38.062	44.512	-16.140	-9.691	144.237
705996.8	6331488.7	3150	600	+0.013	4224.893	979540.009	-36.502	42.040	-15.244	-9.705	136.229
706504.8	6331521.1	3150	650	+0.013	4226.770	979541.886	-34.592	39.031	-14.153	-9.714	126.478
706996.8	6331468.3	3150	700	+0.014	4228.337	979543.453	-33.057	36.815	-13.349	-9.591	119.298
707508.2	6331487.6	3150	750	+0.014	4230.236	979545.352	-31.136	36.363	-13.185	-7.958	117.833
707974.0	6331480.7	3150	800	+0.014	4231.300	979546.416	-30.069	34.825	-12.628	-7.872	112.848
708539.7	6331480.3	3150	850	+0.003	4229.857	979544.973	-31.504	36.399	-13.198	-8.303	117.948
708996.5	6331500.6	3150	900	+0.004	4229.322	979544.438	-32.016	37.256	-13.509	-8.270	120.725
709503.8	6331517.0	3150	950	+0.004	4231.149	979546.265	-30.169	36.648	-13.289	-6.809	118.757
709988.5	6331502.5	3150	1000	+0.005	4230.109	979545.225	-31.212	38.410	-13.927	-6.730	124.464
710484.5	6331514.6	3150	1050	+0.005	4227.031	979542.147	-34.273	41.817	-15.163	-7.619	135.506
707995.7	6331997.3	3200	800	+0.003	4231.152	979546.268	-29.832	35.399	-12.836	-7.269	114.708
709494.3	6334496.0	3450	950	+0.021	4223.353	979538.469	-35.745	46.159	-16.737	-6.324	149.574
710021.6	6334503.5	3450	1000	+0.021	4219.763	979534.879	-39.321	49.035	-17.780	-8.066	158.896
710518.5	6334491.1	3450	1050	+0.020	4215.828	979530.944	-43.257	52.838	-19.159	-9.578	171.220
707975.9	6334998.5	3500	800	+0.024	4228.439	979543.555	-30.308	41.444	-15.028	-3.892	134.298
708485.4	6334987.7	3500	850	+0.023	4226.247	979541.363	-32.500	43.475	-15.764	-4.789	140.879
708986.2	6334994.5	3500	900	+0.022	4225.190	979540.306	-33.544	44.889	-16.277	-4.932	145.460
709495.3	6335008.3	3500	950	+0.022	4220.918	979536.034	-37.798	47.946	-17.385	-7.238	155.366
710001.8	6334995.8	3500	1000	+0.022	4216.897	979532.013	-41.820	51.782	-18.776	-8.815	167.796
710519.9	6335001.4	3500	1050	+0.020	4212.491	979527.607	-46.214	56.749	-20.577	-10.042	183.892
707477.7	6335490.2	3550	750	+0.017	4227.677	979542.793	-30.712	41.841	-15.172	-4.042	135.584
707977.4	6335497.9	3550	800	+0.017	4227.304	979542.420	-31.071	42.324	-15.347	-4.094	137.147
708489.2	6335506.6	3550	850	+0.017	4225.610	979540.726	-32.751	44.560	-16.158	-4.349	144.393
709009.3	6335508.4	3550	900	+0.018	4222.532	979537.648	-35.819	47.047	-17.060	-5.831	152.454
709501.5	6335508.8	3550	950	+0.018	4218.445	979533.561	-39.898	50.730	-18.395	-7.563	164.386
709995.8	6335485.0	3550	1000	+0.019	4213.757	979528.873	-44.596	55.266	-20.040	-9.370	179.086
710503.7	6335505.2	3550	1050	+0.019	4212.431	979527.547	-45.899	55.643	-20.176	-10.432	180.307
707497.2	6335943.4	3600	750	+0.024	4227.179	979542.295	-30.872	42.547	-15.428	-3.753	137.870
707994.9	6335985.6	3600	800	+0.025	4225.405	979540.521	-32.607	44.703	-16.210	-4.113	144.858
708476.7	6335982.2	3600	850	+0.025	4223.701	979538.817	-34.306	45.914	-16.649	-5.040	148.783
709500.9	6336004.6	3600	950	+0.026	4217.613	979532.729	-40.361	50.599	-18.347	-8.109	163.963
710507.8	6335985.3	3600	1050	+0.027	4210.633	979525.749	-47.339	57.898	-20.994	-10.435	187.616
707477.1	6336479.2	3650	750	+0.030	4224.423	979539.539	-33.229	44.573	-16.162	-4.818	144.437
707991.5	6336482.2	3650	800	+0.030	4224.285	979539.401	-33.357	45.320	-16.433	-4.470	146.857
708462.2	6336519.6	3650	850	+0.029	4221.829	979536.945	-35.778	47.496	-17.222	-5.504	153.908
709029.7	6336527.9	3650	900	+0.029	4217.023	979532.139	-40.568	52.069	-18.881	-7.379	168.728
709501.2	6336514.9	3650	950	+0.028	4215.249	979530.365	-42.344	52.060	-18.877	-9.161	168.697
710018.5	6336506.2	3650	1000	+0.028	4212.172	979527.288	-45.420	55.016	-19.949	-10.353	178.276
710490.1	6336480.4	3650	1050	+0.027	4210.020	979525.136	-47.583	57.736	-20.935	-10.782	187.091
D267											
709263.8	6326291.9	0	5104	+0.000	4230.444	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	+0.003	4230.444	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	-0.005	4230.441	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	+0.007	4230.446	979545.569	-34.765	32.780	-11.886	-13.872	106.221
707477.1	6336479.3	3650	750	-0.001	4224.426	979539.554	-33.214	44.571	-16.162	-4.805	144.430
707501.1	6336696.9	3700	750	-0.001	4224.630	979539.758	-32.848	44.602	-16.173	-4.418	144.531
708010.0	6336689.3	3700	800	-0.001	4222.571	979537.699	-34.904	47.356	-17.171	-4.720	153.454
708521.4	6336705.2	3700	850	-0.001	4221.234	979536.362	-36.221	47.695	-17.295	-5.820	154.554
708986.9	6336663.1	3700	900	-0.001	4217.041	979532.169	-40.438	51.653	-18.730	-7.515	167.378
709519.9	6336707.5	3700	950	-0.001	4213.929	979529.057	-43.509	53.520	-19.407	-9.395	173.429
710003.0	6336685.6	3700	1000	-0.001	4211.426	979526.554	-46.020	56.071	-20.332	-10.281	181.695
710502.2	6336665.7	3700	1050	-0.001	4210.320	979525.448	-47.133	57.004	-20.670	-10.799	184.719
707486.5	6337204.6	3750	750	-0.002	4223.727	979538.855	-33.373	44.292	-16.060	-5.141	143.525
708007.7	6337216.2	3750	800	-0.002	4220.566	979535.694	-36.517	47.448	-17.205	-6.274	153.752
708522.5	6337210.6	3750	850	-0.002	4218.232	979533.360	-38.847	50.463	-18.298	-6.682	163.522
709011.2	6337223.0	3750	900	-0.002	4216.654	979531.782	-40.408	50.626	-18.357	-8.139	164.051
709526.9	6337188.8	3750	950	-0.001	4213.546	979528.674	-43.533	53.357	-19.347	-9.524	172.900
709983.2	6337222.1	3750	1000	-0.001	4210.024	979525.152	-47.023	56.864	-20.619	-10.778	184.266
710488.8	6337210.1	3750	1050	-0.001	4208.841	979523.969	-48.207	58.212	-21.108	-11.103	188.633
707094.6	6338026.1	3800	700	-0.005	4223.797	979538.925	-32.697	44.048	-15.972	-4.621	142.736
707508.2	6337697.2	3800	750	-0.002	4223.062	979538.190	-33.670	44.907	-16.284	-5.047	145.519
708491.6	6337711.6	3800	850	-0.002	4217.173	979532.301	-39.533	50.047	-18.147	-7.634	162.173
709515.2	6337704.8	3800	950	-0.002	4212.183	979527.311	-44.512	54.044	-19.596	-10.065	175.125
710509.7	6337969.8	3800	1050	-0.003	4211.737	979526.865	-44.745	53.541	-19.414	-10.618	173.495
707517.3	6338187.8	3850	750	-0.002	4220.925	979536.053	-35.442	47.001	-17.043	-5.483	152.305
707998.4	6338240.2	3850	800	-0.002	4218.312	979533.440	-38.008	49.228	-17.850	-6.630	159.520
708527.3	6338238.2	3850	850	-0.002	4216.777	979531.905	-39.536	49.608	-17.988	-7.916	160.752
709033.7	6338184.1	3850	900	-0.002	4213.877	979529.005	-42.468	52.135	-18.904	-9.238	168.940
709511.4	6338493.0	3850	950	-0.003	4211.079	979526.207	-45.029	54.441	-19.740	-10.328	176.412
710038.6	6338470.0	3850	1000	-0.003	4211.329	979526.457	-44.788	53.655	-19.455	-10.588	173.865
710505.4	6338517.3	3850	1050	-0.003	4213.351	979528.479	-42.723	50.583	-18.341	-10.482	163.910
707487.7	6339002.1	3900	750	-0.003	4220.466	979535.594	-35.295	46.844	-16.986	-5.437	151.795
708015.1	6338999.1	3900	800	-0.003	4218.058	979533.186	-37.696	48.522	-17.594	-6.769	157.232
708492.3	6339012.6	3900	850	-0.003	4215.126	979530.254	-40.611	50.625	-18.357	-8.343	164.046
708993.5	6339015.1	3900	900	-0.003	4211.987	979527.115	-43.740	53.221	-19.298	-9.818	172.458
709540.6	6339006.5	3900	950	-0.003	4208.908	979524.036	-46.817	56.520	-20.494	-10.791	183.149
710023.1	6338972.1	3900	1000	-0.003	4210.680	979525.808	-45.063	53.258	-19.311	-11.117	172.578

710540.9	6338971.4	3900	1050	-0.003	4210.808	979525.936	-44.927	53.348	-19.344	-10.924	172.870
707512.7	6339487.1	3950	750	-0.004	4220.335	979535.463	-35.064	46.762	-16.956	-5.258	151.529
708006.7	6339476.9	3950	800	-0.004	4217.282	979532.410	-38.117	48.832	-17.707	-6.992	158.236
708502.9	6339466.6	3950	850	-0.004	4214.442	979529.570	-40.957	50.805	-18.422	-8.574	164.629
708989.3	6339455.9	3950	900	-0.004	4211.048	979526.176	-44.351	53.249	-19.308	-10.410	172.550
709507.5	6339445.8	3950	950	-0.004	4207.854	979522.982	-47.544	56.498	-20.486	-11.533	183.078
710021.9	6339434.7	3950	1000	-0.004	4208.533	979523.661	-46.865	55.879	-20.262	-11.249	181.071
707497.2	6340018.7	4000	750	-0.004	4217.567	979532.695	-37.436	49.456	-17.933	-5.914	160.258
708496.2	6340006.5	4000	850	-0.004	4212.523	979527.651	-42.474	52.005	-18.857	-9.326	168.520
707525.3	6340483.0	4050	750	-0.004	4216.346	979531.474	-38.311	49.987	-18.125	-6.450	161.979
708019.7	6340476.0	4050	800	-0.004	4214.445	979529.573	-40.210	50.117	-18.173	-8.265	162.402
708553.0	6340493.7	4050	850	-0.004	4211.055	979526.183	-43.578	52.766	-19.133	-9.945	170.985
D268											
709263.8	6326291.9	0	5104	+0.000	4230.446	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	-0.004	4230.446	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	-0.005	4230.450	979545.569	-34.765	32.780	-11.886	-13.872	106.221
709263.8	6326291.9	0	5104	-0.007	4230.455	979545.569	-34.765	32.780	-11.886	-13.872	106.221
707018.2	6337529.2	3750	700	-0.001	4225.196	979540.315	-31.678	42.797	-15.518	-4.399	138.682
706470.0	6338004.4	3800	650	-0.001	4223.842	979538.961	-32.687	43.320	-15.708	-5.075	140.376
706999.8	6337998.3	3800	701	-0.001	4224.516	979539.635	-32.009	43.564	-15.796	-4.242	141.166
706999.8	6337998.0	3800	700	-0.004	4224.517	979539.636	-32.008	43.544	-15.789	-4.253	141.103
706526.2	6338498.7	3850	650	-0.002	4221.854	979536.973	-34.306	45.082	-16.347	-5.571	146.086
706991.5	6338491.2	3850	700	-0.001	4223.253	979538.372	-32.905	44.067	-15.979	-4.817	142.798
706003.6	6338990.6	3900	600	-0.002	4218.352	979533.471	-37.450	48.203	-17.479	-6.725	156.198
706476.0	6338968.5	3900	650	-0.002	4221.100	979536.219	-34.711	46.058	-16.701	-5.353	149.249
706995.1	6339000.6	3900	700	-0.002	4222.195	979537.314	-33.584	44.963	-16.304	-4.925	145.699
705490.4	6339520.9	3950	550	-0.002	4211.901	979527.020	-43.514	53.754	-19.492	-9.251	174.188
705980.7	6339520.0	3950	600	-0.002	4216.968	979532.087	-38.440	49.401	-17.913	-6.951	160.082
706501.9	6339507.7	3950	650	-0.002	4220.122	979535.241	-35.287	47.517	-17.230	-4.999	153.976
706992.5	6339498.3	3950	700	-0.002	4221.638	979536.757	-33.770	46.247	-16.769	-4.292	149.860
705494.8	6339996.2	4000	550	-0.003	4210.649	979525.768	-44.412	54.927	-19.917	-9.401	177.988
706493.9	6340017.2	4000	650	-0.003	4217.001	979532.120	-38.028	50.992	-18.490	-5.527	165.235
705517.2	6340532.2	4050	550	-0.003	4208.329	979523.448	-46.332	58.049	-21.049	-9.332	188.104
705974.2	6340482.2	4050	600	-0.003	4212.016	979527.135	-42.675	53.678	-19.464	-8.461	173.940
706482.8	6340500.9	4050	650	-0.003	4212.941	979528.060	-41.729	53.507	-19.402	-7.623	173.387
707008.6	6340484.0	4050	700	-0.004	4215.170	979530.289	-39.504	52.264	-18.951	-6.190	169.360
706011.6	6341008.4	4100	600	-0.004	4209.759	979524.878	-44.540	56.611	-20.527	-8.457	183.444
706476.5	6340990.4	4100	650	-0.004	4212.096	979527.215	-42.209	54.469	-19.751	-7.491	176.502
706980.8	6341009.6	4100	700	-0.004	4214.342	979529.461	-39.941	51.932	-18.831	-6.840	168.283
D269											
706067.6	6339043.8	0	5105	+0.000	4218.714	979533.772	-37.108	47.975	-17.396	-6.529	155.460
706067.6	6339043.8	0	5105	+0.015	4218.714	979533.772	-37.108	47.975	-17.396	-6.529	155.460
706067.6	6339043.8	0	5105	+0.010	4218.699	979533.772	-37.108	47.975	-17.396	-6.529	155.460
706067.6	6339043.8	0	5105	+0.005	4218.689	979533.772	-37.108	47.975	-17.396	-6.529	155.460
705490.2	6339521.0	3950	550	+0.005	4211.937	979527.010	-43.524	53.766	-19.496	-9.253	174.225
705496.3	6341001.4	4100	550	+0.006	4206.978	979522.051	-47.380	59.153	-21.449	-9.676	191.683
705483.7	6341488.2	4150	550	+0.006	4204.367	979519.440	-49.629	62.429	-22.637	-9.837	202.296
705995.7	6341512.5	4150	600	+0.007	4207.751	979522.824	-46.219	59.265	-21.490	-8.443	192.046
706498.0	6341513.0	4150	650	+0.007	4210.833	979525.906	-43.129	55.449	-20.106	-7.786	179.679
707008.5	6341522.7	4150	700	+0.007	4213.115	979528.188	-40.831	53.051	-19.236	-7.017	171.907
707492.7	6341505.7	4150	750	+0.008	4212.417	979527.490	-41.534	52.147	-18.909	-8.296	168.980
708004.3	6341518.0	4150	800	+0.009	4213.318	979528.391	-40.616	49.705	-18.023	-8.935	161.065
705494.1	6342016.7	4200	550	+0.006	4204.721	979519.794	-48.881	61.065	-22.143	-9.958	197.879
706510.9	6342000.8	4200	650	+0.007	4210.192	979525.265	-43.406	55.080	-19.972	-8.299	178.483
707516.3	6342012.6	4200	750	+0.009	4211.382	979526.455	-42.192	53.003	-19.219	-8.408	171.754
708003.1	6341963.7	4200	800	+0.009	4213.357	979528.430	-40.245	49.400	-17.913	-8.758	160.077
D270											
706067.6	6339043.8	0	5105	+0.000	4218.657	979533.772	-37.108	47.975	-17.396	-6.529	155.460
706067.6	6339043.8	0	5105	+0.000	4218.657	979533.772	-37.108	47.975	-17.396	-6.529	155.460
706067.6	6339043.8	0	5105	+0.036	4218.657	979533.772	-37.108	47.975	-17.396	-6.529	155.460
706067.6	6339043.8	0	5105	+0.001	4218.621	979533.772	-37.108	47.975	-17.396	-6.529	155.460
708995.8	6337521.7	3750	900	+0.031	4212.274	979527.389	-44.578	56.462	-20.473	-8.590	182.961
708535.0	6337490.3	3750	850	+0.032	4216.686	979531.801	-40.197	51.145	-18.545	-7.597	165.733
708023.4	6337515.1	3750	800	+0.033	4219.387	979534.502	-37.486	48.776	-17.687	-6.396	158.057
707513.9	6338504.2	3850	750	+0.026	4221.075	979536.190	-35.069	46.861	-16.992	-5.200	151.850
708010.4	6338523.4	3850	800	+0.027	4218.175	979533.290	-37.947	48.458	-17.571	-7.060	157.025
708487.0	6338504.8	3850	850	+0.028	4215.753	979530.868	-40.375	50.743	-18.400	-8.032	164.430
709012.8	6338506.3	3850	900	+0.029	4213.288	979528.403	-42.831	52.266	-18.952	-9.517	169.364
710000.9	6339486.8	3950	1000	+0.014	4208.150	979523.265	-47.223	56.273	-20.405	-11.355	182.348
710488.2	6339481.4	3950	1050	+0.015	4209.894	979525.009	-45.475	54.085	-19.611	-11.002	175.258
709502.5	6340010.7	4000	950	+0.014	4209.422	979524.537	-45.569	54.052	-19.599	-11.116	175.151
710491.3	6339966.8	4000	1050	+0.015	4210.296	979525.411	-44.712	52.583	-19.067	-11.195	170.393
708985.4	6340495.6	4050	900	+0.012	4209.356	979524.471	-45.282	54.627	-19.808	-10.463	177.014
709493.8	6340497.6	4050	950	+0.012	4210.058	979525.173	-44.571	52.255	-18.948	-11.263	169.330
710019.5	6340504.4	4050	1000	+0.013	4209.251	979524.366	-45.364	53.087	-19.249	-11.527	172.024
710506.8	6340487.8	4050	1050	+0.016	4208.931	979524.046	-45.688	54.506	-19.764	-10.947	176.622
707493.4	6340999.4	4100	750	+0.003	4213.493	979528.608	-40.793	52.153	-18.911	-7.551	168.998
707980.6	6341012.2	4100	800	+0.004	4213.379	979528.494	-40.890	51.569	-18.699	-8.021	167.105
708516.6	6341010.7	4100	850	+0.011	4209.540	979524.655	-44.722	54.020	-19.588	-10.290	175.049
709022.0	6340997.3	4100	900	+0.011	4210.823	979525.938	-43.441	50.928	-18.467	-10.980	165.028
709485.1	6340996.5	4100	950	+0.010	4211.481	979526.596	-42.776	49.808	-18.060	-11.029	161.399
710026.0	6341015.8	4100	1000	+0.010	4211.583	979526.698	-42.651	49.984	-18.124	-10.791	161.970
710487.6	6340998.8	4100	1050	+0.017	4208.707	979523.822	-45.532	54.277	-19.681	-10.936	175.882

708004.4	6341517.9	4150	800	+0.005	4213.280	979528.395	-40.612	49.707	-18.024	-8.930	161.071
708477.6	6341489.1	4150	850	+0.006	4211.107	979526.222	-42.799	51.474	-18.665	-9.990	166.799
709007.0	6341512.0	4150	900	+0.007	4210.590	979525.705	-43.291	50.883	-18.450	-10.858	164.882
709490.5	6341505.6	4150	950	+0.008	4212.205	979527.320	-41.673	48.226	-17.487	-10.934	156.275
709990.3	6341483.9	4150	1000	+0.009	4210.775	979525.890	-43.111	50.670	-18.373	-10.814	164.193
710498.1	6341502.2	4150	1050	+0.017	4210.355	979525.470	-43.509	51.405	-18.640	-10.744	166.576
708502.2	6341998.4	4200	850	+0.006	4213.007	979528.122	-40.520	47.512	-17.228	-10.235	153.961
709486.9	6342002.0	4200	950	+0.008	4212.796	979527.911	-40.712	47.116	-17.085	-10.681	152.677
710489.4	6342000.7	4200	1050	+0.019	4212.219	979527.334	-41.275	47.607	-17.263	-10.930	154.268
D271											
706067.6	6339043.8	0	5105	+0.000	4218.594	979533.772	-37.108	47.975	-17.396	-6.529	155.460
706067.6	6339043.8	0	5105	+0.013	4218.594	979533.772	-37.108	47.975	-17.396	-6.529	155.460
706067.6	6339043.8	0	5105	+0.057	4218.581	979533.772	-37.108	47.975	-17.396	-6.529	155.460
706067.6	6339043.8	0	5105	+0.008	4218.524	979533.772	-37.108	47.975	-17.396	-6.529	155.460
705475.4	6333784.6	1	1	+0.012	4223.428	979538.619	-36.188	43.551	-15.792	-8.429	141.123
710526.1	6336457.7	1	60	+0.016	4209.675	979524.866	-47.870	58.075	-21.058	-10.853	188.188
705475.5	6333784.8	1	61	+0.050	4223.469	979538.660	-36.147	43.555	-15.793	-8.385	141.138
710430.6	6336406.1	1	2	+0.018	4210.294	979525.485	-47.290	57.370	-20.802	-10.723	185.903
710337.3	6336354.8	1	3	+0.019	4211.277	979526.468	-46.347	55.861	-20.255	-10.742	181.014
710247.3	6336312.5	1	4	+0.019	4212.049	979527.240	-45.608	55.203	-20.017	-10.422	178.883
710169.8	6336273.5	1	5	+0.020	4212.375	979527.566	-45.313	55.070	-19.969	-10.211	178.452
710070.5	6336221.9	1	6	+0.021	4212.955	979528.146	-44.773	54.301	-19.690	-10.161	175.960
709984.2	6336175.9	1	7	+0.021	4213.696	979528.887	-44.067	53.617	-19.442	-9.892	173.743
709894.3	6336128.8	1	8	+0.022	4213.768	979528.959	-44.032	54.273	-19.680	-9.438	175.870
709799.4	6336078.2	1	9	+0.022	4213.737	979528.928	-44.102	54.483	-19.756	-9.375	176.549
709715.9	6336035.1	1	10	+0.023	4213.989	979529.180	-43.883	54.624	-19.807	-9.066	177.006
709627.2	6335988.3	1	11	+0.023	4214.294	979529.485	-43.615	54.630	-19.809	-8.794	177.025
709537.1	6335941.6	1	12	+0.024	4216.471	979531.662	-41.474	52.140	-18.906	-8.240	168.957
709450.5	6335894.9	1	13	+0.024	4218.095	979533.286	-39.886	50.118	-18.173	-7.941	162.405
709358.3	6335845.8	1	14	+0.025	4218.841	979534.032	-39.178	49.615	-17.990	-7.554	160.773
709270.1	6335799.6	1	15	+0.025	4219.762	979534.953	-38.293	48.985	-17.762	-7.070	158.734
709179.6	6335750.9	1	16	+0.026	4220.532	979535.723	-37.561	48.558	-17.607	-6.610	157.350
709098.1	6335707.8	1	17	+0.026	4221.220	979536.411	-36.906	48.051	-17.424	-6.279	155.707
709003.3	6335658.5	1	18	+0.027	4221.845	979537.036	-36.319	47.587	-17.255	-5.987	154.204
708915.8	6335613.1	1	19	+0.027	4222.681	979537.872	-35.519	47.204	-17.116	-5.431	152.961
708830.3	6335567.0	1	20	+0.028	4223.070	979538.261	-35.165	47.026	-17.052	-5.191	152.386
708740.4	6335520.6	1	21	+0.028	4223.982	979539.173	-34.289	46.171	-16.742	-4.860	149.615
708652.2	6335473.5	1	22	+0.029	4224.722	979539.913	-33.586	45.167	-16.378	-4.797	146.360
708566.8	6335428.4	1	23	+0.029	4225.435	979540.626	-32.908	44.525	-16.145	-4.528	144.280
708478.5	6335381.9	1	24	+0.030	4225.768	979540.959	-32.611	44.078	-15.983	-4.516	142.831
708388.3	6335334.5	1	25	+0.030	4225.836	979541.027	-32.580	43.658	-15.831	-4.752	141.472
708302.3	6335288.9	1	26	+0.031	4226.204	979541.395	-32.247	43.276	-15.692	-4.663	140.234
708210.0	6335239.8	1	27	+0.031	4226.680	979541.871	-31.809	42.849	-15.537	-4.497	138.849
708125.2	6335195.6	1	28	+0.032	4227.362	979542.553	-31.161	42.456	-15.395	-4.100	137.575
708036.6	6335149.3	1	29	+0.032	4228.220	979543.411	-30.339	42.160	-15.288	-3.466	136.618
707949.8	6335102.3	1	30	+0.032	4227.995	979543.186	-30.600	41.857	-15.177	-3.921	135.634
707855.0	6335049.8	1	31	+0.033	4228.240	979543.431	-30.396	41.662	-15.107	-3.841	135.003
707772.7	6335005.6	1	32	+0.033	4228.697	979543.888	-29.973	40.889	-14.826	-3.911	132.498
707690.9	6334962.0	1	33	+0.035	4228.695	979543.886	-30.009	40.203	-14.578	-4.384	130.277
707600.5	6334913.6	1	34	+0.037	4229.485	979544.676	-29.257	39.691	-14.392	-3.958	128.615
707513.2	6334866.8	1	35	+0.037	4229.613	979544.804	-29.165	39.441	-14.301	-4.026	127.806
707415.0	6334815.5	1	36	+0.038	4229.695	979544.886	-29.123	38.998	-14.141	-4.266	126.370
707325.7	6334768.2	1	37	+0.038	4229.453	979544.644	-29.401	38.800	-14.069	-4.670	125.729
707238.9	6334722.5	1	38	+0.039	4229.208	979544.399	-29.682	38.829	-14.079	-4.932	125.822
707160.9	6334681.1	1	39	+0.040	4228.960	979544.151	-29.962	38.884	-14.100	-5.177	126.002
707068.0	6334632.3	1	40	+0.041	4228.356	979543.547	-30.604	38.966	-14.129	-5.767	126.267
706974.1	6334582.9	1	41	+0.041	4228.092	979543.283	-30.906	38.901	-14.106	-6.111	126.056
706886.7	6334537.5	1	42	+0.042	4227.768	979542.959	-31.265	38.848	-14.086	-6.504	125.885
706797.7	6334489.3	1	43	+0.042	4227.840	979543.031	-31.230	38.890	-14.102	-6.442	126.022
706709.2	6334440.5	1	44	+0.043	4227.904	979543.095	-31.204	38.971	-14.131	-6.365	126.282
706622.8	6334396.2	1	45	+0.044	4227.507	979542.698	-31.636	39.187	-14.209	-6.658	126.982
706532.8	6334348.6	1	46	+0.044	4226.858	979542.049	-32.322	39.387	-14.282	-7.217	127.631
706447.0	6334302.3	1	47	+0.045	4226.689	979541.880	-32.526	39.561	-14.345	-7.311	128.194
706360.2	6334255.9	1	48	+0.045	4226.458	979541.649	-32.793	39.560	-14.345	-7.578	128.191
706269.6	6334208.1	1	49	+0.046	4226.152	979541.343	-33.136	39.694	-14.393	-7.835	128.627
706179.4	6334160.5	1	50	+0.046	4225.827	979541.018	-33.498	39.998	-14.504	-8.003	129.612
706092.8	6334115.9	1	51	+0.047	4225.537	979540.728	-33.823	40.291	-14.610	-8.142	130.560
706007.5	6334070.7	1	52	+0.047	4225.203	979540.394	-34.192	40.798	-14.793	-8.188	132.202
705913.9	6334020.4	1	53	+0.048	4224.496	979539.687	-34.938	41.830	-15.168	-8.275	135.549
705832.7	6333976.8	1	54	+0.048	4223.701	979538.892	-35.766	42.932	-15.567	-8.402	139.118
705741.1	6333928.7	1	55	+0.049	4223.554	979538.745	-35.951	43.212	-15.669	-8.408	140.027
705646.4	6333879.9	1	56	+0.049	4223.989	979539.180	-35.554	42.856	-15.540	-8.238	138.871
705564.3	6333832.3	1	57	+0.050	4224.041	979539.232	-35.538	43.072	-15.618	-8.084	139.573
705994.0	6334002.6	3400	600	+0.013	4225.043	979540.234	-34.403	41.198	-14.938	-8.143	133.499
D243											
714509.1	6345320.8	0	5102	+0.000	4213.666	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	-0.002	4213.666	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	+0.095	4213.668	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	-0.006	4213.573	979528.787	-37.286	38.814	-14.074	-12.545	125.776
715004.6	6346001.4	4600	1500	+0.033	4215.683	979530.802	-34.757	34.296	-12.436	-12.896	111.134
716035.8	6346009.6	4600	1600	+0.040	4217.629	979532.748	-32.788	29.946	-10.858	-13.700	97.037
716985.0	6346015.1	4600	1700	+0.045	4219.341	979534.460	-31.056	27.360	-9.921	-13.616	88.659
717959.1	6345956.1	4600	1800	+0.051	4220.761	979535.880	-29.664	25.112	-9.106	-13.657	81.374

718999.6	6345999.5	4600	1900	+0.058	4221.388	979536.507	-28.987	23.600	-8.557	-13.945	76.473
714981.5	6347997.2	4800	1500	+0.087	4214.883	979530.002	-34.072	31.619	-11.465	-13.918	102.459
716014.1	6348018.2	4800	1600	+0.081	4215.998	979531.117	-32.925	29.445	-10.677	-14.156	95.415
717011.7	6348030.6	4800	1700	+0.076	4217.596	979532.715	-31.301	27.176	-9.854	-13.979	88.062
717980.5	6348048.0	4800	1800	+0.071	4218.526	979533.645	-30.342	24.590	-8.917	-14.669	79.683
719007.9	6348002.2	4800	1900	+0.066	4221.011	979536.130	-27.874	21.068	-7.639	-14.446	68.268
D244											
714509.1	6345320.8	0	5102	+0.000	4213.519	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	-0.008	4213.519	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	+0.022	4213.527	979528.787	-37.286	38.814	-14.074	-12.545	125.776
714509.1	6345320.8	0	5102	-0.002	4213.505	979528.787	-37.286	38.814	-14.074	-12.545	125.776
711952.3	6353990.3	5400	1200	+0.017	4213.302	979528.562	-31.105	26.300	-9.536	-14.342	85.222
712981.3	6353999.8	5400	1300	+0.017	4214.444	979529.704	-29.940	24.069	-8.728	-14.598	77.995
713998.4	6354016.9	5400	1400	+0.016	4214.104	979529.364	-30.251	21.304	-7.725	-16.672	69.033
714988.9	6354014.4	5400	1500	+0.016	4215.437	979530.697	-28.904	20.517	-7.440	-15.826	66.485
715999.3	6354009.1	5400	1600	+0.015	4216.372	979531.632	-27.956	20.030	-7.263	-15.189	64.907
716974.9	6354017.8	5400	1700	+0.015	4216.984	979532.244	-27.322	20.111	-7.292	-14.504	65.167
717994.9	6354000.6	5400	1800	+0.014	4216.690	979531.950	-27.612	19.856	-7.200	-14.956	64.342
719043.0	6354004.3	5400	1900	+0.014	4217.738	979532.998	-26.544	19.130	-6.937	-14.351	61.990
715006.6	6356032.9	5600	1500	+0.011	4211.682	979526.942	-31.159	24.119	-8.746	-15.786	78.156
715989.2	6355984.4	5600	1600	+0.012	4211.310	979526.570	-31.551	25.392	-9.207	-15.366	82.281
717006.5	6356008.7	5600	1700	+0.012	4210.443	979525.703	-32.383	25.927	-9.401	-15.857	84.014
718041.3	6355976.5	5600	1800	+0.013	4211.642	979526.902	-31.191	24.243	-8.791	-15.739	78.559
714988.7	6358993.6	5900	1500	+0.008	4202.836	979518.096	-37.806	33.956	-12.313	-16.162	110.034
715493.5	6359005.0	5900	1550	+0.007	4203.026	979518.286	-37.599	34.062	-12.351	-15.888	110.376
715984.4	6359019.9	5900	1600	+0.007	4204.483	979519.743	-36.123	32.077	-11.631	-15.678	103.942
716516.1	6359048.5	5900	1650	+0.007	4203.809	979519.069	-36.767	33.759	-12.241	-15.249	109.394
716989.3	6358993.7	5900	1700	+0.006	4204.457	979519.717	-36.152	34.558	-12.531	-14.125	111.984
717474.2	6358995.7	5900	1750	+0.006	4207.349	979522.609	-33.251	31.100	-11.277	-13.428	100.777
717998.6	6359014.0	5900	1800	+0.005	4210.737	979525.997	-29.841	29.152	-10.571	-11.259	94.466
715482.3	6360000.2	6000	1550	+0.009	4201.814	979517.074	-38.072	34.610	-12.550	-16.012	112.151