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EL 3197

QUINYAMBIE

SECOND PARTIAL SURRENDER REPORT FOR THE PERIOD 14/4/2004 TO 13/4/2006

Submitted by
Red Metal Ltd
2006

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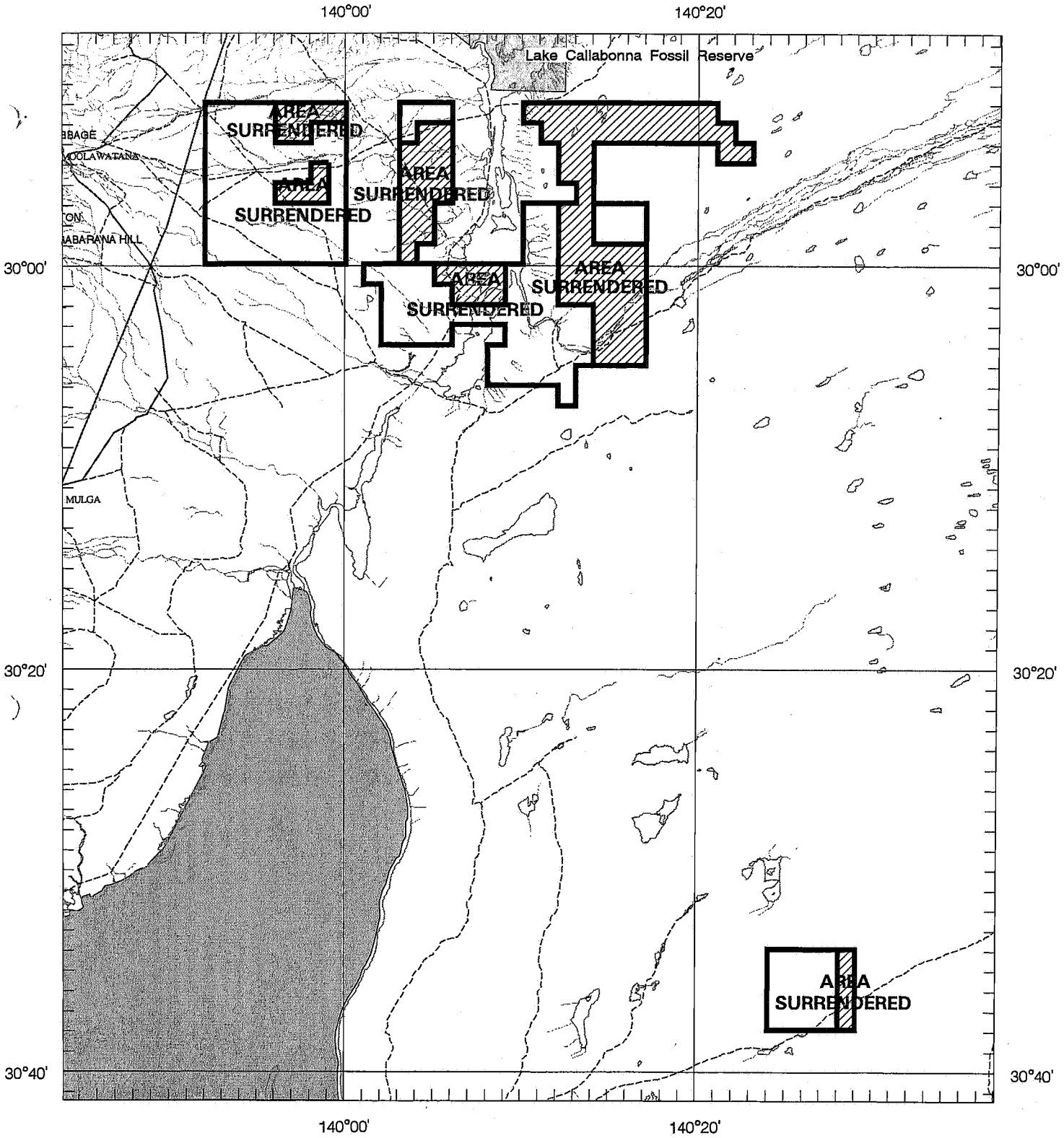
SCHEDULE A



SCALE 1 : 500 000

KILOMETRES 10 0 10 20 30 40 50 KILOMETRES

LICENCE GRANTED IN : DATUM AGD66

GDA GEOCENTRIC DATUM OF AUSTRALIA

APPLICANT : **PLATSEARCH NL, ALLENDER J F, AURELIUS RESOURCES PTY LTD, HOSKING A J, KENNEDY R M, HOULDSWORTH J F,**

FILE REF : **383/03** TYPE : **MINERAL ONLY** AREA : **395** km² (approx.)

1:250000 MAPSHEETS : **CALLABONNA FROME**

LOCALITY : **MOOLAWATANA AREA - Approximately 180 km northeast of Leigh Creek**

DATE GRANTED : **14-Apr-2004** DATE EXPIRED : **13-Apr-2006** EL NO : **3197**

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EL 3197

Quinyambie

Partial Surrender Report

for the period ending

13 April 2006

1:250,000 sheets SH54-06, SH54-10
1:100,000 sheets 6838, 6937, 6938

Tenement Holder:	PlatSearch NL syndicate
Operator:	Red Metal Limited
Date:	9 May 2006
Author:	G. McKay (Red Metal Limited)

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KEYWORDS

Iron oxide, Copper, Gold, Gravity survey, Curnamona Province, Proterozoic.

REPORT DIGITAL FILE LIST

DIGITAL FILE NAME	SIZE (Kb)
EL3197_2006_01_partial surrender report .pdf	278
EL3197_2006_02_gravity surrendered.txt	82

1 SUMMARY

EL 3197 Quinyambie was granted to PlatSearch NL together with several minority owners on 14 April 2004, followed by annual extensions of term. The area of the licence was reduced from 674 sq km to 395 sq km for the year commencing 14 April 2006.

The tenement covers magnetic and gravity anomalies within the northern Curnamona Province. The target model is a high-grade Fe-Ox style Cu-Au in basement rocks.

A gravity survey was conducted within the surrendered area of EL 3197.

2 INTRODUCTION

EL 3197 is located 180km northeast of Leigh Creek in the Lake Callabonna district (Figure 1).

The tenement area is the subject of a Native Title claim by the Adnyamathana People (Claim SC99/001).

3 LICENCE DETAILS

A joint venture agreement between Red Metal Limited and the tenement owners PlatSearch NL, James Fraser Allender, Robert Michael Kennedy, Aurelius Resources Pty Ltd, Telezon Limited, Anthony James Hosking and Joseph Fred Houldsworth, was executed on 29 March 2004. Red Metal Limited are acting operators for the joint venture.

Name	Exploration Licence	Grant/Surrender Date	Area (km^2)
Quinyambie	3197	14/4/2004	996
		14/4/2005	674
		14/4/2006	395

4 REGIONAL GEOLOGY AND GEOPHYSICS

EL 3197 covers magnetic and gravity anomalies within the northern Curnamona Province. The target model is a large, high-grade Fe-Ox style Cu-Au in Proterozoic basement rocks.

5 PREVIOUS EXPLORATION

Previously EL 3197 was held as EL 2579 by the PlatSearch syndicate.

6 WORK COMPLETED

A gravity survey during April 2004 comprising 430 stations was included within the surrendered area of EL 3197 (see Figure 1).

7 CONCLUSIONS AND RECOMMENDATIONS

Our interpretation is that the surrendered area contains no areas of interest for iron-oxide copper gold targets.

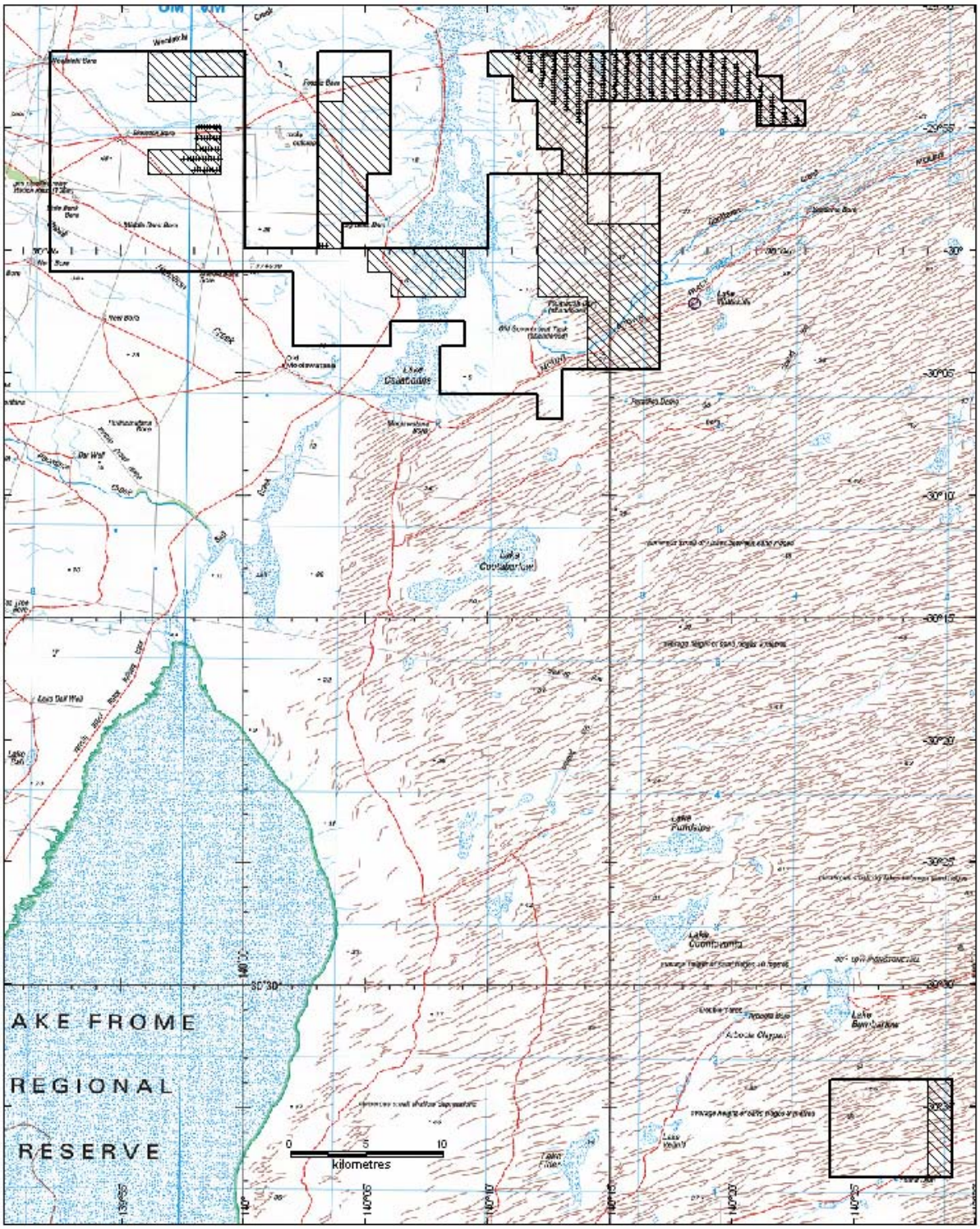

Figure 1: EL 3197 surrendered area hatched, April 2006, showing gravity stations.

HAINES SURVEYS

GRAVITY SURVEY SPECIALISTS

JOB 0413

LAKE CALLABONNA GRAVITY SURVEY

RED METAL LIMITED

April 2004

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Introduction

A detail GPS gravity survey designated as Lake Callabonna Gravity Survey has been conducted near Lake Callabonna in South Australia. The survey was conducted over 21 days from the 10th April 2004 to 30th April 2004, on behalf of Red Metal Ltd.

The survey is comprised of 6 areas designated as Area A, B, C, D, E and F respectively.

The proposed Area A survey consisted of 83 detail gravity stations in a grid of 5 E-W lines coincident with MGA94 and bounded by the following Zone 54 coordinates: in the south by 6675000N, in the north by 6678200N, in the east by 471500E and in the west by 407700E. The grid was designed on a 200m station interval and 800m line spacing offset in a N-S direction. The actual Area A survey consisted of 83 detail gravity stations in 5 E-W lines offset in a N-S direction. 1 observation was repeated for quality control purposes giving a repeat percentage of 1.2%.

The proposed Area B survey consisted of 369 detail gravity stations in a grid of 14 E-W lines coincident with MGA94 and bounded by the following Zone 54 coordinates: in the south by 6680400N, in the north by 6690800N, in the east by 409500E and in the west by 397900E. The grid was designed on a 200m station interval and 800m line spacing offset in a N-S direction. The actual Area B survey consisted of 369 detail gravity stations in 14 E-W lines offset in a N-S direction. 6 observations were repeated for quality control purposes giving a repeat percentage of 1.62%.

The proposed Area C survey consisted of 42 detail gravity stations in a grid of 3 E-W lines coincident with MGA94 and bounded by the following Zone 54 coordinates: in the south by 6669500N, in the north by 6671100N, in the east by 426400E and in the west by 423300E. The grid was designed on a 200m station interval and 800m line spacing offset in a N-S direction. The actual Area C survey consisted of 42 detail gravity stations in 3 E-W lines offset in a N-S direction.

The proposed Area D survey consisted of 252 detail gravity stations in a grid of 11 N-S lines coincident with MGA94 and bounded by the following Zone 54 coordinates: in the south by 6665000N, in the north by 6680000N, in the east by 436800E and in the west by 431200E. The grid was designed on a 200m station interval and 800m line spacing offset in an E-W direction. The actual Area D survey consisted of 252 detail gravity stations in 11 N-S lines offset in an E-W direction. 9 observations were repeated for quality control purposes giving a repeat percentage of 3.6%.

The proposed Area E survey consisted of 1122 detail gravity stations in a grid of 21 N-S lines coincident with MGA94 and bounded by the following Zone 54 coordinates: in the south by 6664000N, in the north by 6681400N, in the east by 456000E and in the west by 440000E. The grid was designed on a 200m station interval and 800m line spacing offset in an E-W direction. The actual Area E survey consisted of 1122 detail gravity stations in 21 N-S lines offset in an E-W direction. 44 observations were repeated for quality control purposes giving a repeat percentage of 3.9%.

The proposed Area F survey consisted of 849 detail gravity stations in a grid of 24 N-S lines coincident with MGA94 and bounded by the following Zone 54 coordinates: in the south by 6685000N, in the north by 6697500N, in the east by 440000E and in the west by 421600E. The grid was designed on a 200m station interval and 800m line spacing offset

in an E-W direction. The actual Area F survey consisted of 849 detail gravity stations in 24 N-S lines offset in an E-W direction. 23 observations were repeated for quality control purposes giving a repeat percentage of 2.7%.

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

Figure 1 below shows the location of the survey area.

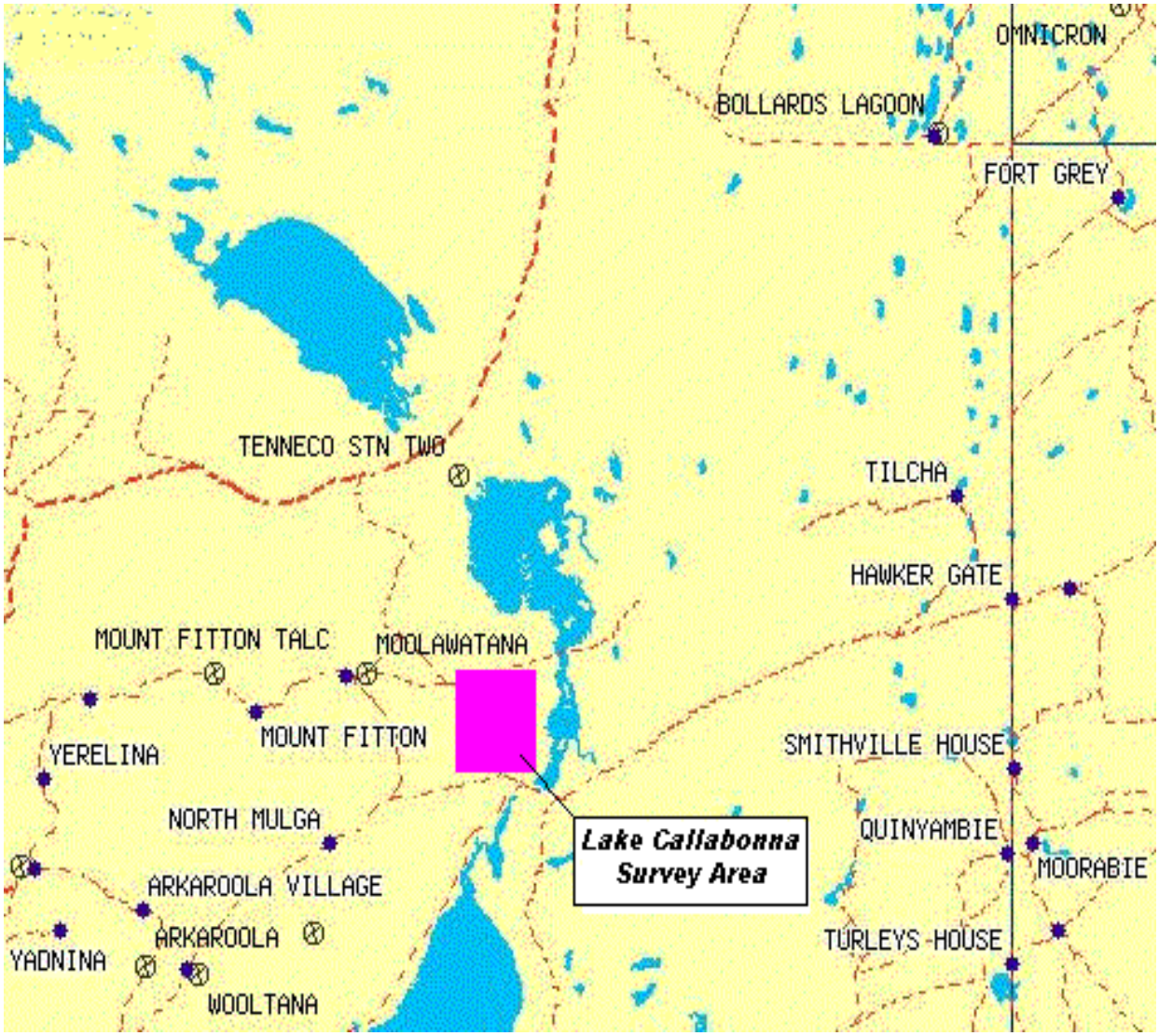

Figure 1. Location Diagram

Survey and Gravity Datum

Horizontal Datum:	Geocentric Datum of Australia1994 (GDA94) Map Grid of Australia 1994 (MGA94) Zone 54

Survey and Gravity Base Stations

8 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 2004.1399, 2004.1301, 2004.1302, 2004.1303, 2004.1304, 2004.1305, 2004.1306 and 2004.1307. 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 aluminium tags are attached with the inscription "Haines Surveys" and "Gravity 2004.13NN".

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 for 2004.1399 and 2004.1301 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 23.1 hours and 16.5 hours (at 10 second intervals) of observations were logged at 2004.1301 and 2004.1399 respectively over 3 days. The following outlines the Cartesian coordinate precision attained per day.

1 Sigma	sX(m)	sY(m)	sZ(m)	yyyy/mm/dd
1301	0.011	0.011	0.006	2004/04/10
1301	0.037	0.045	0.021	2004/04/11
1301	0.004	0.004	0.002	2004/04/12
1301	0.013	0.013	0.007	2004/04/11
1399	0.072	0.036	0.030	2004/04/10
1399	0.014	0.014	0.007	2004/04/11

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.

Horizontal control for 2004.1302, 2004.1303, 2004.1304, 2004.1305, 2004.1306 and 2004.1307 has been established from survey mark 2004.1399 using the Static GPS technique. 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 established from survey mark 2004.1399 using the Static GPS technique.

The Australian Height Datum (AHD) height for these marks have been held fixed and the GDA94 height has been determined using the AUSGEOID98 gravimetric geoid.

Gravity Control

Gravity control for base station 2004.1399 was established on the Australian Fundamental Gravity Network (Isogal 1984 / IGSN 71) using classical A-B-A ties from the Wooltana Airstrip Winsock 6491.9103. The value for Wooltana Airstrip Winsock was attained from AGSO Australian National Gravity Network in Canberra. A-B-A ties were made over several days to within 0.01 milligals.

Survey and Gravity Control Values

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

Lake Callabonna Survey/Gravity Control

	GDA94			MGA Zone 54		AHD	Isogal84
Station	Latitude	Longitude	Height	Easting	Northing	Height	Gravity mGal
HS 2004 1301	-30 04 03.61110	140 19 26.86760	47.080	434857.405	6673523.746	33.243	979321.640
HS 2004 1302	-29 54 24.24335	140 15 37.79385	46.924	428609.169	6691319.459	32.963	979308.285
HS 2004 1303	-29 55 16.19785	140 20 26.80330	57.964	436368.727	6689767.436	43.805	979309.053
HS 2004 1304	-30 01 59.11182	140 24 34.06229	59.847	443062.349	6677401.511	45.702	979312.604
HS 2004 1305	-30 05 41.14323	140 28 57.98650	76.306	450161.876	6670601.374	62.073	979319.005
HS 2004 1306	-30 04 44.36071	140 13 25.40607	34.039	425188.184	6672207.951	20.474	979327.028
HS 2004 1307	-29 58 22.97013	140 00 02.18503	41.932	403582.350	6683781.093	28.613	979320.362
HS 2004 1399	-30 00 26.1443	140 19 48.3516	41.064	435393.433	6680221.032	27.080	979319.636

GPS Observations and Processing

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

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

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

Static processing has been done using Trimble GPSurvey Version 2.30 software and RTK processing using Trimble TDC1 firmware and TRIMMAP Version 6 software.

The horizontal coordinates have been calculated on the Geocentric Datum of Australia 1994 (GDA94) Datum. This datum is essentially the same as that used by GPS ie the World Geodetic System 1984 (WGS84), hence no transformations have been necessary between WGS84and GDA94.

Map Grid of Australia 1994 (MGA94) coordinates have been derived from the standard Redfearn's Ellipsoid to Grid Formulae using TRIMMAP version 6.0 software. The GPS ellipsoidal heights (GDA94 datum) have been corrected to orthometric heights (AHD) using the AusGeoid98 geoid model for the control and the gravity stations.

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

Gravity Observations

Gravity measurements have been made using *Scintrex CG3 Autograv* instruments. The instrument numbers 217727, 908474, 408276 and 601307 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.

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

Grid lines in an E-W orientation:
The 8 digit point number is constructed from AMG Zone 54 coordinates for each gravity station using

Line No = (AMG N – 6600000) / 10 Stn No = (AMG E – 400000)/10

eg. Planned local gravity station coordinates

6664500N 410000E

Line No = 6450 Station No = 1000

i.e. Pt No = 64501000

Grid lines in a N-S orientation:
The 8 digit point number is constructed from AMG Zone 54 coordinates for each gravity station using

Line No = (AMG E – 400000) / 10 Stn No = (AMG N – 6600000)/10

eg. Planned local gravity station coordinates

435000E 6630000N

Line No = 3500 Station No = 3000

i.e. Pt No = 35003000

Station numbers have not been expanded in the processed data.

The gravity stations have not been marked in the field.

Gravity Processing

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

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

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

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

Drift

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

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

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

Obs mgal

This is the observed gravity value in milligals.

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

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

Anom

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

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

Obs = observed gravity as explained above

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

ϕ = WGS84 Latitude

Freeair corrn

The freeair correction is calculated using

Freeair corrn = 0.3086 H

H = height above sea level (AHD height)

Bouguer corrn

Bouguer corrn = 0.04191 ρ H

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

H = height above sea level (AHD height)

Bouguer Anom

Bouguer Anom = Anom + Freeair corrn + Bouguer corrn

Results Formats

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

ALLCOR.XYZ ALLGEO.XYZ ALLCSV.CSV

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

ALLCOR.XYZ format

This is a *GEOSOFT* compatible XYZ (space delimited columns) file. The data is sorted by Day then Line and Stn number. The column order is as follows:

MGA E	MGA N	Line	Stn	drift	corr'd meter	obs mgal	anom	freeair corrn	bouger corrn (2.67)	bouger anom	height (AHD)

ALLGEO.XYZ format

This is a *GEOSOFT* format XYZ (space delimited columns) file. The data is sorted into Line and Stn number suitable for profiling. The column order is as follows:

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

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, freeair correction, Bouguer correction (2.67), Bouguer anomaly

*.DAT

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

*.DC

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

*.GPS

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

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

Production Log

Lake Callabonna Production Log

Date	GPS Day	Observed	Repeats	Comments
10-Apr-04	101	73	0	Commence Area D
11-Apr-04	102	73	2	Continue Area D
12-Apr-04	103	89	3	Continue Area D
13-Apr-04	104	59	4	Complete Area D, Complete Area C
14-Apr-04	105	108	4	Commence Area E
15-Apr-04	106	211	7	Continue Area E
16-Apr-04	107	108	6	Continue Area E
17-Apr-04	108	150	7	Continue Area E
18-Apr-04	109	203	6	Continue Area E
19-Apr-04	110	178	8	Continue Area E
20-Apr-04	111	164	6	Complete Area E
21-Apr-04	112	90	0	Commence Area F
22-Apr-04	113	197	3	Continue Area F
23-Apr-04	114	0	0	Severe sandstorms, very strong winds
24-Apr-04	115	168	5	Continue Area F
25-Apr-04	116	112	0	Continue Area F
26-Apr-04	117	200	8	Continue Area F
27-Apr-04	118	82	7	Complete Area F
28-Apr-04	119	150	0	Commence Area B
29-Apr-04	120	219	6	Complete Area B
30-Apr-04	121	83	1	Complete Area A, Complete Survey
	Total	2717	83	

Repeat Observations

Pt #	Day	E	N	H	G	Bouguer
76600940	D121	409,396.950	6,676,608.616	9.129	979,329.599	+4.454
76600940	D121	409,396.950	6,676,608.616	9.129	979,329.551	+4.406
		+0.000	+0.000	+0.000	+0.048	+0.048
88409960	D119	399,599.629	6,688,409.906	34.711	979,319.020	+7.292
88409960	D120	399,599.726	6,688,409.882	34.699	979,319.016	+7.286
		-0.097	+0.024	+0.012	+0.004	+0.006
89209930	D119	399,298.818	6,689,211.379	34.134	979,317.586	+6.312
89209930	D120	399,299.029	6,689,211.472	34.159	979,317.548	+6.279
		-0.211	-0.093	-0.025	+0.038	+0.033
89209950	D119	399,500.454	6,689,209.244	34.124	979,317.547	+6.268
89209950	D120	399,500.553	6,689,209.277	34.094	979,317.508	+6.223
		-0.099	-0.033	+0.030	+0.039	+0.045
81200600	D119	405,999.215	6,681,216.091	20.979	979,325.091	+5.550
81200600	D120	405,999.218	6,681,216.075	20.991	979,325.093	+5.554
		-0.003	+0.016	-0.012	-0.002	-0.004
83600310	D119	403,097.010	6,683,613.297	28.428	979,320.262	+3.895
83600310	D120	403,096.961	6,683,613.423	28.428	979,320.301	+3.934
		+0.049	-0.126	+0.000	-0.039	-0.039
83600370	D119	403,702.276	6,683,608.410	28.411	979,320.739	+4.361
83600370	D120	403,702.218	6,683,608.451	28.409	979,320.729	+4.351
		+0.058	-0.041	+0.002	+0.010	+0.010
45607740	D105	445,601.538	6,677,401.853	39.146	979,314.001	-4.848
45607740	D106	445,602.538	6,677,406.341	39.155	979,313.977	-4.867
		-1.000	-4.488	-0.009	+0.024	+0.019
46407140	D105	446,397.492	6,671,411.630	40.243	979,322.889	+0.021
46407140	D109	446,397.574	6,671,411.644	40.235	979,322.941	+0.071
		-0.082	-0.014	+0.008	-0.052	-0.050
46407880	D105	446,403.559	6,678,802.583	39.825	979,313.723	-4.006
46407880	D106	446,404.591	6,678,802.167	39.814	979,313.692	-4.039
		-1.032	+0.416	+0.011	+0.031	+0.033
46407900	D105	446,398.247	6,679,004.368	44.065	979,312.703	-4.049
46407900	D106	446,397.912	6,679,004.273	44.017	979,312.682	-4.080
		+0.335	+0.095	+0.048	+0.021	+0.031
43207700	D105	443,197.388	6,677,006.160	31.445	979,316.123	-4.511
43207700	D106	443,197.587	6,677,005.954	31.439	979,316.138	-4.498
		-0.199	+0.206	+0.006	-0.015	-0.013

43207860	D105	443,193.186	6,678,608.440	32.641	979,314.996	-4.272
43207860	D108	443,193.341	6,678,608.473	32.656	979,314.970	-4.295
		-0.155	-0.033	-0.015	+0.026	+0.023
43207880	D105	443,202.196	6,678,803.968	40.850	979,313.078	-4.437
43207880	D108	443,206.853	6,678,800.710	41.017	979,313.006	-4.478
		-4.657	+3.258	-0.167	+0.072	+0.041
43207900	D105	443,194.727	6,679,011.430	35.616	979,314.348	-4.050
43207900	D108	443,194.877	6,679,011.489	35.633	979,314.318	-4.076
		-0.150	-0.059	-0.017	+0.030	+0.026
43207920	D105	443,199.240	6,679,207.523	32.226	979,315.116	-3.810
43207920	D108	443,199.433	6,679,207.562	32.271	979,315.082	-3.835
		-0.193	-0.039	-0.045	+0.034	+0.025
47207950	D106	447,200.068	6,679,507.540	48.389	979,312.039	-3.510
47207950	D107	447,199.726	6,679,507.775	48.434	979,312.001	-3.539
		+0.342	-0.235	-0.045	+0.038	+0.029
49607500	D106	449,592.778	6,675,005.559	47.330	979,314.559	-4.386
49607500	D108	449,592.762	6,675,005.729	47.334	979,314.602	-4.342
		+0.016	-0.170	-0.004	-0.043	-0.044
49607540	D106	449,599.058	6,675,407.150	45.007	979,314.535	-4.583
49607540	D108	449,599.103	6,675,407.133	45.037	979,314.571	-4.541
		-0.045	+0.017	-0.030	-0.036	-0.042
41607300	D106	441,601.185	6,673,015.791	32.409	979,320.559	-2.699
41607300	D107	441,601.208	6,673,016.060	32.452	979,320.518	-2.732
		-0.023	-0.269	-0.043	+0.041	+0.033
41607360	D106	441,602.504	6,673,610.230	33.922	979,319.236	-3.305
41607360	D107	441,602.457	6,673,610.571	33.945	979,319.182	-3.354
		+0.047	-0.341	-0.023	+0.054	+0.049
48807750	D107	448,801.935	6,677,505.176	49.310	979,312.318	-4.469
48807750	D108	448,801.853	6,677,505.302	49.294	979,312.275	-4.515
		+0.082	-0.126	+0.016	+0.043	+0.046
48807770	D107	448,797.388	6,677,707.764	44.324	979,313.446	-4.179
48807770	D108	448,797.386	6,677,707.744	44.294	979,313.445	-4.186
		+0.002	+0.020	+0.030	+0.001	+0.007
44807420	D107	444,801.130	6,674,210.988	36.471	979,317.520	-4.106
44807420	D108	444,801.118	6,674,210.978	36.462	979,317.469	-4.159
		+0.012	+0.010	+0.009	+0.051	+0.053
50406870	D108	450,397.079	6,668,712.186	39.701	979,325.815	+0.918
50406870	D109	450,397.298	6,668,712.166	39.707	979,325.768	+0.872
		-0.219	+0.020	-0.006	+0.047	+0.046

50406890	D108	450,392.663	6,668,915.527	41.848	979,325.251	+0.920
50406890	D109	450,392.557	6,668,915.562	41.872	979,325.186	+0.860
		+0.106	-0.035	-0.024	+0.065	+0.060
52807180	D108	452,796.701	6,671,805.418	53.508	979,320.247	+0.246
52807180	D109	452,797.030	6,671,805.185	53.500	979,320.293	+0.290
		-0.329	+0.233	+0.008	-0.046	-0.044
53607170	D108	453,597.631	6,671,708.487	49.921	979,321.319	+0.541
53607170	D109	453,597.696	6,671,708.436	49.934	979,321.305	+0.530
		-0.065	+0.051	-0.013	+0.014	+0.011
53607190	D108	453,597.989	6,671,912.609	53.077	979,320.272	+0.259
53607190	D109	453,597.905	6,671,912.768	53.125	979,320.282	+0.279
		+0.084	-0.159	-0.048	-0.010	-0.020
45607740	D105	445,601.538	6,677,401.853	39.146	979,314.001	-4.848
45607740	D106	445,602.538	6,677,406.341	39.155	979,313.977	-4.867
		-1.000	-4.488	-0.009	+0.024	+0.019
46407140	D105	446,397.492	6,671,411.630	40.243	979,322.889	+0.021
46407140	D109	446,397.574	6,671,411.644	40.235	979,322.941	+0.071
		-0.082	-0.014	+0.008	-0.052	-0.050
46407880	D105	446,403.559	6,678,802.583	39.825	979,313.723	-4.006
46407880	D106	446,404.591	6,678,802.167	39.814	979,313.692	-4.039
		-1.032	+0.416	+0.011	+0.031	+0.033
46407900	D105	446,398.247	6,679,004.368	44.065	979,312.703	-4.049
46407900	D106	446,397.912	6,679,004.273	44.017	979,312.682	-4.080
		+0.335	+0.095	+0.048	+0.021	+0.031
43207700	D105	443,197.388	6,677,006.160	31.445	979,316.123	-4.511
43207700	D106	443,197.587	6,677,005.954	31.439	979,316.138	-4.498
		-0.199	+0.206	+0.006	-0.015	-0.013
43207860	D105	443,193.186	6,678,608.440	32.641	979,314.996	-4.272
43207860	D108	443,193.341	6,678,608.473	32.656	979,314.970	-4.295
		-0.155	-0.033	-0.015	+0.026	+0.023
43207880	D105	443,202.196	6,678,803.968	40.850	979,313.078	-4.437
43207880	D108	443,206.853	6,678,800.710	41.017	979,313.006	-4.478
		-4.657	+3.258	-0.167	+0.072	+0.041
43207900	D105	443,194.727	6,679,011.430	35.616	979,314.348	-4.050
43207900	D108	443,194.877	6,679,011.489	35.633	979,314.318	-4.076
		-0.150	-0.059	-0.017	+0.030	+0.026
43207920	D105	443,199.240	6,679,207.523	32.226	979,315.116	-3.810
43207920	D108	443,199.433	6,679,207.562	32.271	979,315.082	-3.835
		-0.193	-0.039	-0.045	+0.034	+0.025

47207130	D106	447,201.744	6,671,308.488	48.636	979,321.155	-0.138
47207130	D110	447,201.833	6,671,308.593	48.651	979,321.185	-0.105
		-0.089	-0.105	-0.015	-0.030	-0.033
47207950	D106	447,200.068	6,679,507.540	48.389	979,312.039	-3.510
47207950	D107	447,199.726	6,679,507.775	48.434	979,312.001	-3.539
		+0.342	-0.235	-0.045	+0.038	+0.029
49607500	D106	449,592.778	6,675,005.559	47.330	979,314.559	-4.386
49607500	D108	449,592.762	6,675,005.729	47.334	979,314.602	-4.342
		+0.016	-0.170	-0.004	-0.043	-0.044
49607540	D106	449,599.058	6,675,407.150	45.007	979,314.535	-4.583
49607540	D108	449,599.103	6,675,407.133	45.037	979,314.571	-4.541
		-0.045	+0.017	-0.030	-0.036	-0.042
41607300	D106	441,601.185	6,673,015.791	32.409	979,320.559	-2.699
41607300	D107	441,601.208	6,673,016.060	32.452	979,320.518	-2.732
		-0.023	-0.269	-0.043	+0.041	+0.033
41607360	D106	441,602.504	6,673,610.230	33.922	979,319.236	-3.305
41607360	D107	441,602.457	6,673,610.571	33.945	979,319.182	-3.354
		+0.047	-0.341	-0.023	+0.054	+0.049
48007190	D107	447,999.685	6,671,909.422	42.969	979,321.410	-0.576
48007190	D110	447,999.717	6,671,909.110	42.948	979,321.411	-0.579
		-0.032	+0.312	+0.021	-0.001	+0.003
48807750	D107	448,801.935	6,677,505.176	49.310	979,312.318	-4.469
48807750	D108	448,801.853	6,677,505.302	49.294	979,312.275	-4.515
		+0.082	-0.126	+0.016	+0.043	+0.046
48807770	D107	448,797.388	6,677,707.764	44.324	979,313.446	-4.179
48807770	D108	448,797.386	6,677,707.744	44.294	979,313.445	-4.186
		+0.002	+0.020	+0.030	+0.001	+0.007
44807420	D107	444,801.130	6,674,210.988	36.471	979,317.520	-4.106
44807420	D108	444,801.118	6,674,210.978	36.462	979,317.469	-4.159
		+0.012	+0.010	+0.009	+0.051	+0.053
48807150	D108	448,799.544	6,671,507.216	48.898	979,320.729	-0.378
48807150	D110	448,799.420	6,671,507.609	48.910	979,320.774	-0.330
		+0.124	-0.393	-0.012	-0.045	-0.048
49606880	D108	449,600.573	6,668,809.321	46.992	979,324.059	+0.667
49606880	D110	449,600.415	6,668,808.989	46.983	979,324.061	+0.667
		+0.158	+0.332	+0.009	-0.002	+0.000
50406870	D108	450,397.079	6,668,712.186	39.701	979,325.815	+0.918
50406870	D109	450,397.298	6,668,712.166	39.707	979,325.768	+0.872
		-0.219	+0.020	-0.006	+0.047	+0.046

50406890	D108	450,392.663	6,668,915.527	41.848	979,325.251	+0.920
50406890	D109	450,392.557	6,668,915.562	41.872	979,325.186	+0.860
		+0.106	-0.035	-0.024	+0.065	+0.060
50406890	D111	450,392.627	6,668,915.599	41.885	979,325.228	+0.904
		+0.036	-0.072	-0.037	+0.023	+0.016
52807180	D108	452,796.701	6,671,805.418	53.508	979,320.247	+0.246
52807180	D109	452,797.030	6,671,805.185	53.500	979,320.293	+0.290
		-0.329	+0.233	+0.008	-0.046	-0.044
53607170	D108	453,597.631	6,671,708.487	49.921	979,321.319	+0.541
53607170	D109	453,597.696	6,671,708.436	49.934	979,321.305	+0.530
		-0.065	+0.051	-0.013	+0.014	+0.011
53607190	D108	453,597.989	6,671,912.609	53.077	979,320.272	+0.259
53607190	D109	453,597.905	6,671,912.768	53.125	979,320.282	+0.279
		+0.084	-0.159	-0.048	-0.010	-0.020
53607550	D108	453,596.088	6,675,509.925	55.863	979,315.812	-1.111
53607550	D110	453,596.033	6,675,510.448	55.881	979,315.812	-1.107
		+0.055	-0.523	-0.018	+0.000	-0.004
46407040	D109	446,395.813	6,670,412.053	43.444	979,324.051	+1.105
46407040	D110	446,395.748	6,670,412.117	43.414	979,324.049	+1.098
		+0.065	-0.064	+0.030	+0.002	+0.007
54407240	D109	454,397.121	6,672,413.112	57.110	979,318.899	+0.031
54407240	D110	454,397.120	6,672,413.181	57.114	979,318.925	+0.058
		+0.001	-0.069	-0.004	-0.026	-0.027
54407260	D109	454,401.685	6,672,611.974	60.088	979,318.044	-0.098
54407260	D110	454,401.680	6,672,612.001	60.114	979,318.093	-0.044
		+0.005	-0.027	-0.026	-0.049	-0.054
51206830	D110	451,197.583	6,668,311.527	45.022	979,325.098	+0.961
51206830	D111	451,197.608	6,668,311.371	45.025	979,325.105	+0.969
		-0.025	+0.156	-0.003	-0.007	-0.008
51206850	D110	451,194.416	6,668,513.973	44.151	979,325.149	+0.984
51206850	D111	451,194.469	6,668,513.762	44.131	979,325.133	+0.964
		-0.053	+0.211	+0.020	+0.016	+0.020
55206470	D110	455,200.689	6,664,711.232	55.694	979,324.771	+0.174
55206470	D111	455,200.554	6,664,711.447	55.694	979,324.734	+0.137
		+0.135	-0.215	+0.000	+0.037	+0.037
55206910	D110	455,200.152	6,669,108.034	48.792	979,323.888	+1.044
55206910	D111	455,200.112	6,669,108.107	48.809	979,323.852	+1.012
		+0.040	-0.073	-0.017	+0.036	+0.032

55207270	D110	455,199.724	6,672,705.298	59.198	979,318.339	+0.086
55207270	D111	455,199.641	6,672,705.286	59.193	979,318.333	+0.079
		+0.083	+0.012	+0.005	+0.006	+0.007
36808720	D112	436,804.574	6,687,214.068	33.966	979,314.323	+1.412
36808720	D113	436,804.429	6,687,214.202	33.971	979,314.258	+1.348
		+0.145	-0.134	-0.005	+0.065	+0.064
38409040	D112	438,401.372	6,690,413.516	34.141	979,310.387	-0.241
38409040	D113	438,401.363	6,690,413.806	34.097	979,310.426	-0.210
		+0.009	-0.290	+0.044	-0.039	-0.031
38409080	D112	438,400.629	6,690,808.887	42.117	979,308.258	-0.522
38409080	D113	438,400.528	6,690,809.073	42.072	979,308.286	-0.503
		+0.101	-0.186	+0.045	-0.028	-0.019
31209120	D113	431,200.597	6,691,208.441	27.744	979,310.152	-1.144
31209120	D117	431,200.503	6,691,208.616	27.684	979,310.131	-1.177
		+0.094	-0.175	+0.060	+0.021	+0.033
31209140	D113	431,194.833	6,691,410.093	30.593	979,309.238	-1.356
31209140	D117	431,194.799	6,691,410.270	30.567	979,309.203	-1.396
		+0.034	-0.177	+0.026	+0.035	+0.040
32808800	D113	432,801.501	6,688,013.181	28.079	979,313.858	+0.369
32808800	D113	432,801.501	6,688,013.181	28.079	979,313.855	+0.366
		+0.000	+0.000	+0.000	+0.003	+0.003
32808800	D115	432,801.541	6,688,013.281	28.076	979,313.824	+0.335
		-0.040	-0.100	+0.003	+0.034	+0.034
33608800	D113	433,606.707	6,688,010.388	31.143	979,313.404	+0.512
33608800	D115	433,606.651	6,688,010.429	31.170	979,313.388	+0.502
		+0.056	-0.041	-0.027	+0.016	+0.010
36008710	D113	436,001.543	6,687,112.237	37.494	979,313.407	+1.122
36008710	D115	436,001.843	6,687,112.395	37.495	979,313.400	+1.115
		-0.300	-0.158	-0.001	+0.007	+0.007
36008750	D113	436,000.449	6,687,505.814	30.162	979,315.039	+1.589
36008750	D115	436,000.982	6,687,518.264	30.741	979,314.883	+1.556
		-0.533	-12.450	-0.579	+0.156	+0.033
34408880	D115	434,400.437	6,688,808.481	30.231	979,313.149	+0.637
34408880	D115	434,400.437	6,688,808.481	30.231	979,313.108	+0.596
		+0.000	+0.000	+0.000	+0.041	+0.041
28809170	D116	428,799.633	6,691,709.542	32.279	979,308.240	-1.801
28809170	D117	428,799.635	6,691,709.483	32.281	979,308.234	-1.806
		-0.002	+0.059	-0.002	+0.006	+0.005

29608940	D116	429,601.163	6,689,411.613	28.517	979,312.881	+0.478
29608940	D117	429,601.142	6,689,411.643	28.491	979,312.904	+0.496
		+0.021	-0.030	+0.026	-0.023	-0.018
29609540	D116	429,598.789	6,695,406.643	25.690	979,305.831	-2.906
29609540	D117	429,598.726	6,695,406.665	25.698	979,305.850	-2.885
		+0.063	-0.022	-0.008	-0.019	-0.021
21609540	D116	421,598.055	6,695,408.694	23.267	979,304.155	-5.019
21609540	D117	421,597.938	6,695,408.886	23.294	979,304.167	-5.002
		+0.117	-0.192	-0.027	-0.012	-0.017
21609580	D116	421,593.970	6,695,817.984	20.096	979,304.239	-5.271
21609580	D117	421,593.900	6,695,817.983	20.110	979,304.209	-5.298
		+0.070	+0.001	-0.014	+0.030	+0.027
24809500	D116	424,797.163	6,695,009.876	36.376	979,303.236	-3.656
24809500	D117	424,797.169	6,695,009.804	36.384	979,303.248	-3.643
		-0.006	+0.072	-0.008	-0.012	-0.013
28009590	D117	428,001.608	6,695,913.552	27.072	979,305.515	-2.586
28009590	D118	428,001.534	6,695,915.198	27.139	979,305.448	-2.639
		+0.074	-1.646	-0.067	+0.067	+0.053
28809110	D117	428,799.358	6,691,111.232	23.711	979,310.797	-1.350
28809110	D118	428,799.228	6,691,111.090	23.691	979,310.821	-1.330
		+0.130	+0.142	+0.020	-0.024	-0.020
28809130	D117	428,798.633	6,691,310.767	25.051	979,310.257	-1.486
28809130	D118	428,798.597	6,691,310.694	25.057	979,310.264	-1.478
		+0.036	+0.073	-0.006	-0.007	-0.008
28809350	D117	428,799.883	6,693,512.672	29.938	979,307.122	-2.109
28809350	D118	428,799.889	6,693,512.493	29.945	979,307.133	-2.097
		-0.006	+0.179	-0.007	-0.011	-0.012
24809420	D117	424,799.147	6,694,207.652	30.660	979,305.289	-3.292
24809420	D118	424,799.107	6,694,207.622	30.669	979,305.223	-3.357
		+0.040	+0.030	-0.009	+0.066	+0.065
24809460	D117	424,793.246	6,694,610.624	34.470	979,304.047	-3.501
24809460	D118	424,793.253	6,694,610.601	34.495	979,303.999	-3.544
		-0.007	+0.023	-0.025	+0.048	+0.043
27209100	D117	427,199.297	6,691,007.958	31.086	979,308.959	-1.803
27209100	D118	427,199.140	6,691,008.041	31.091	979,308.918	-1.843
		+0.157	-0.083	-0.005	+0.041	+0.040

Plots

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Station Locations	41
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Bouguer Anomaly Contours and Zoned Colour Image	64
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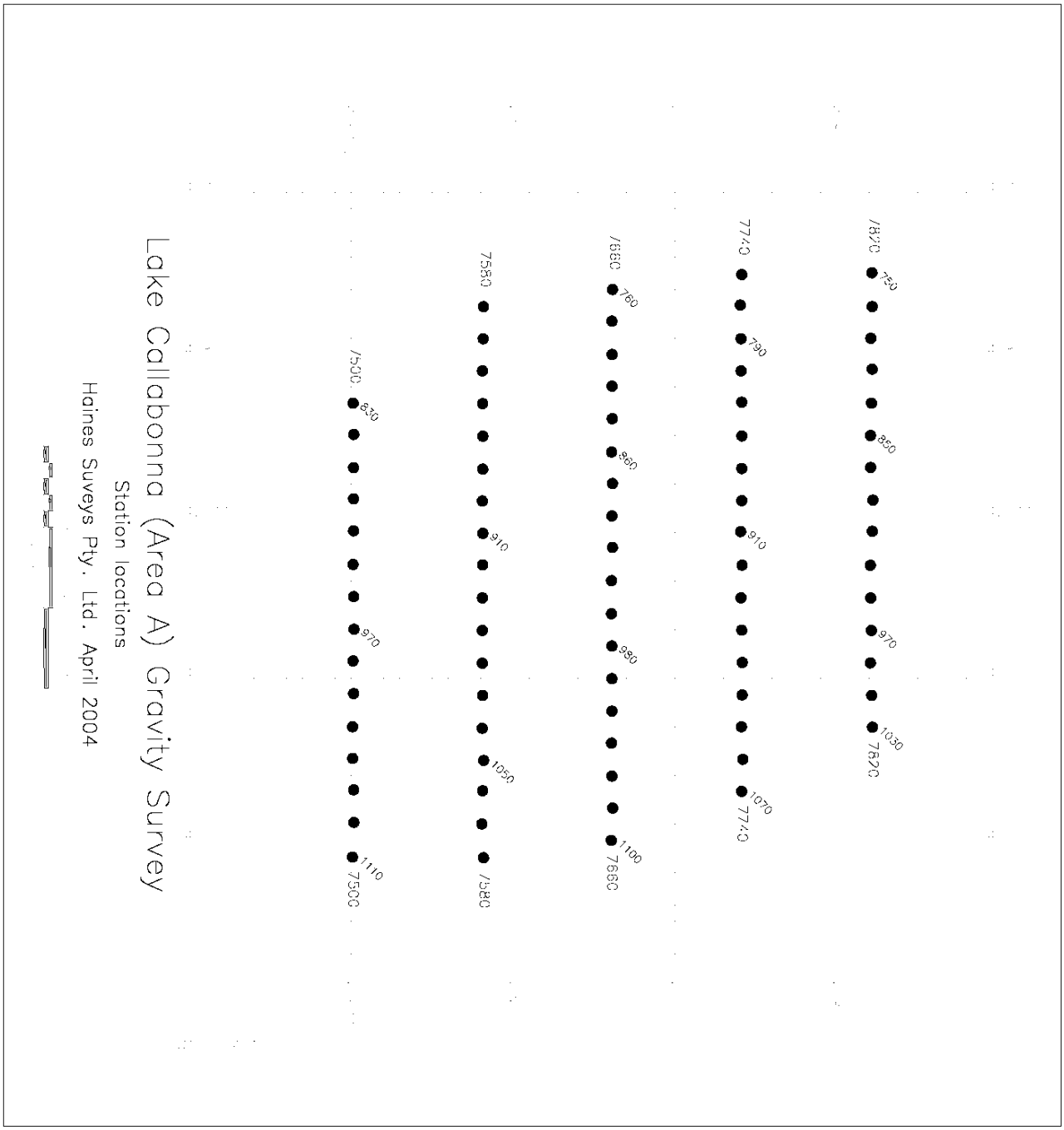
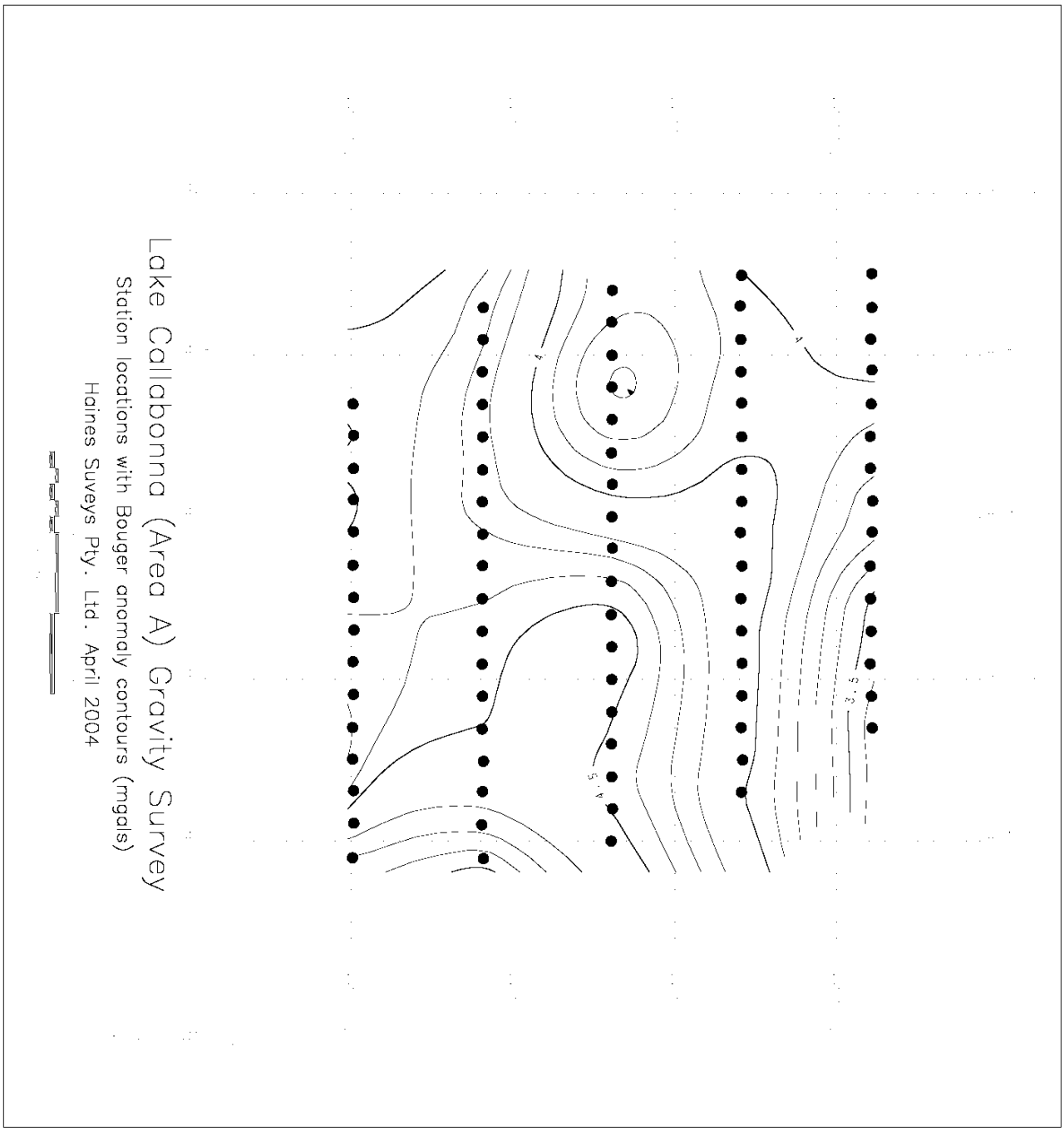
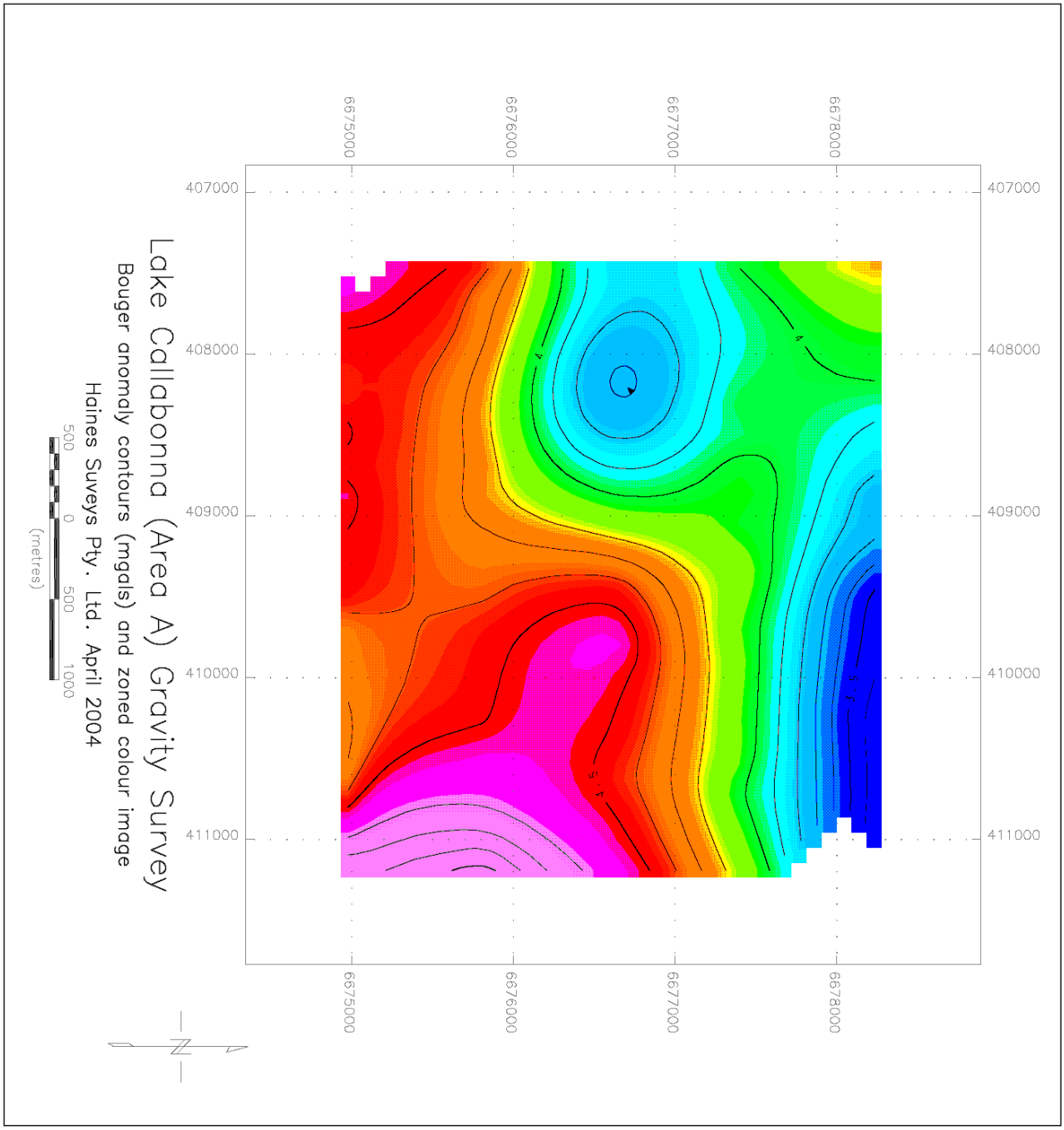
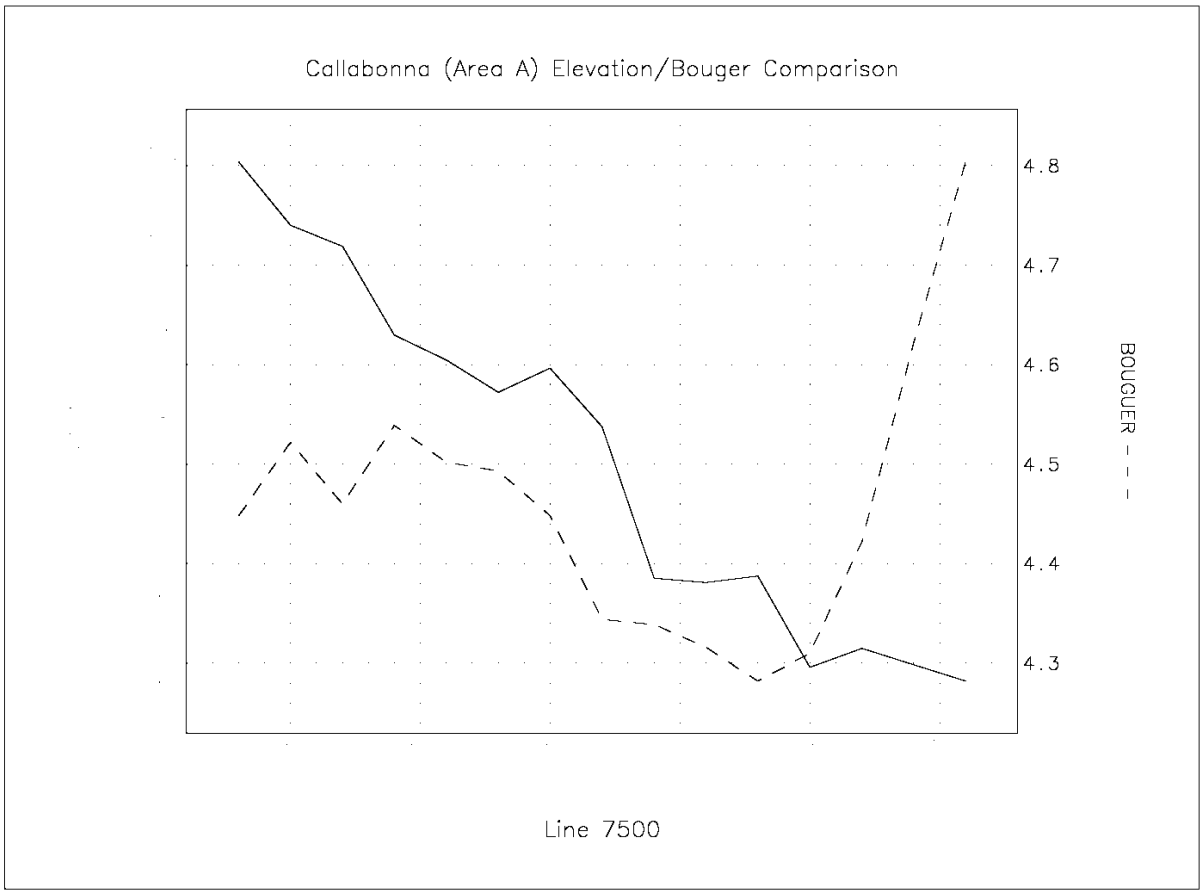
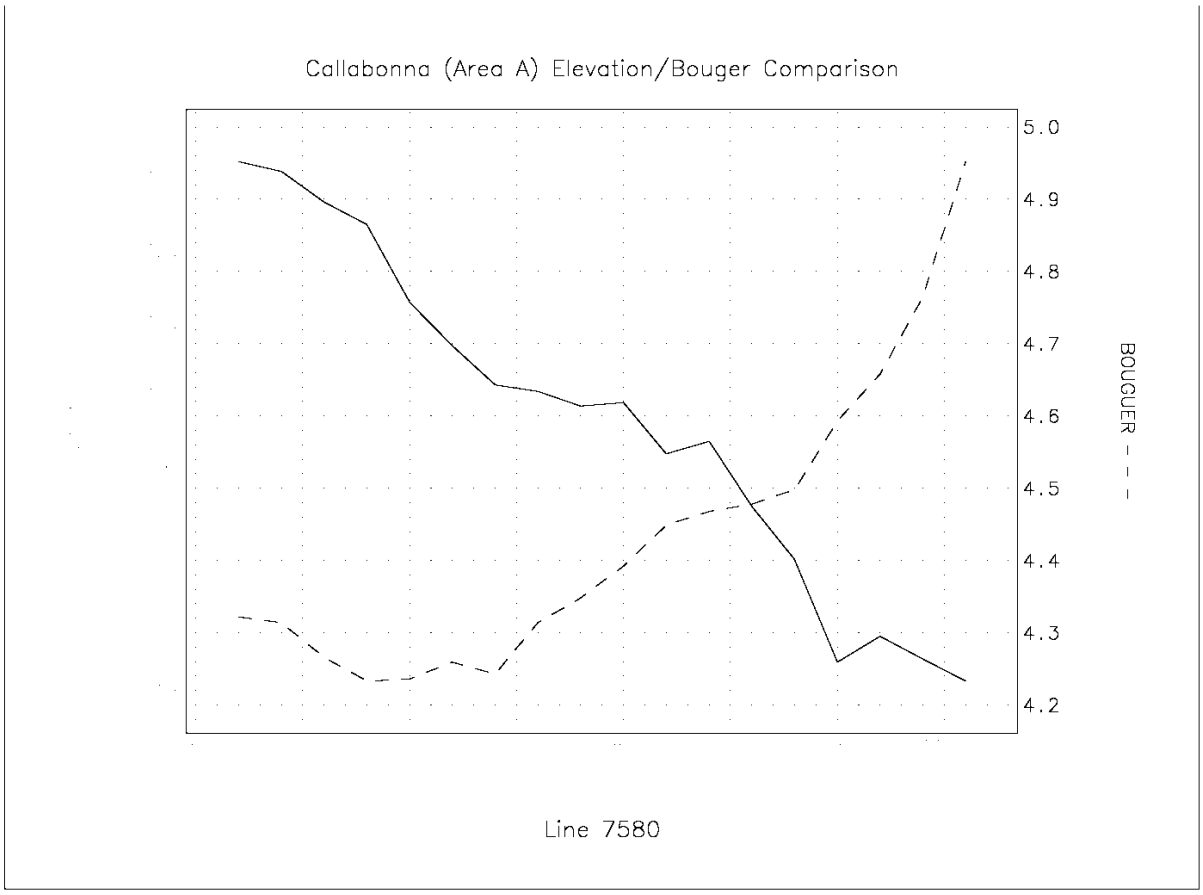
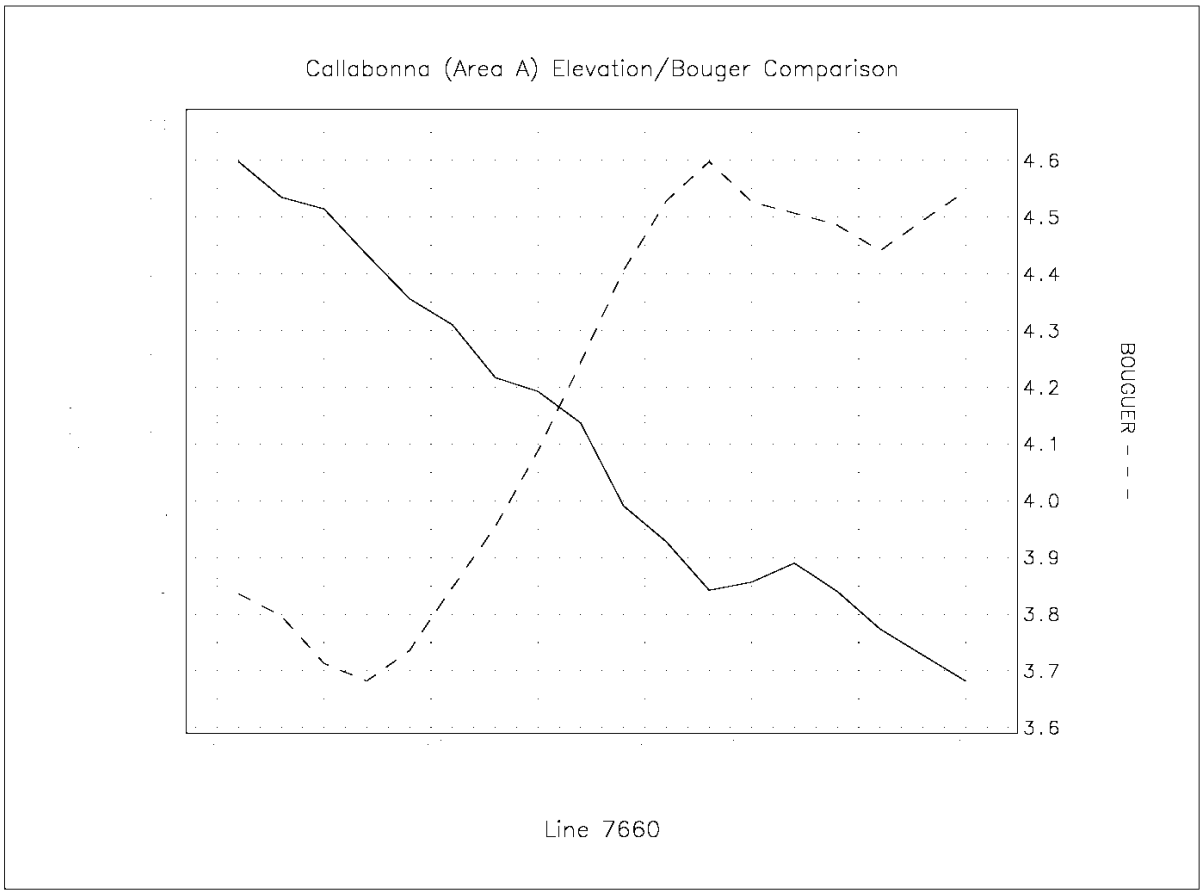

Lake Callabonna (Area A) Gravity Survey
Station locations
Haines Surveys Pty. Ltd. April 2004
7870
750
850
970
1030
7620
7740
790
910
1070
7740
7880
760
860
980
1100
7660
7580
810
1050
7580
7500
830
970
1110
7500

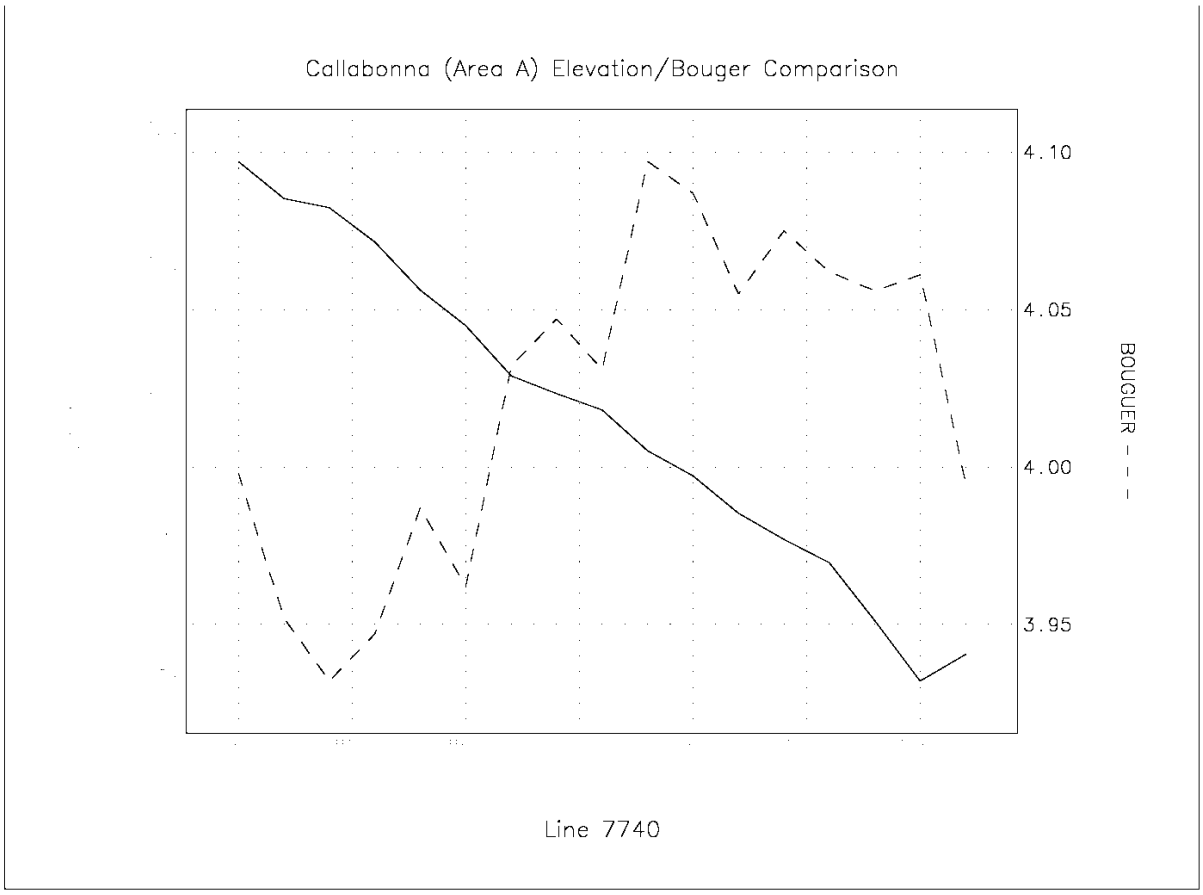

Lake Callabonna (Area A) Gravity Survey
Station locations with Bouger anomaly contours (mgals)
Haines Surveys Pty. Ltd. April 2004

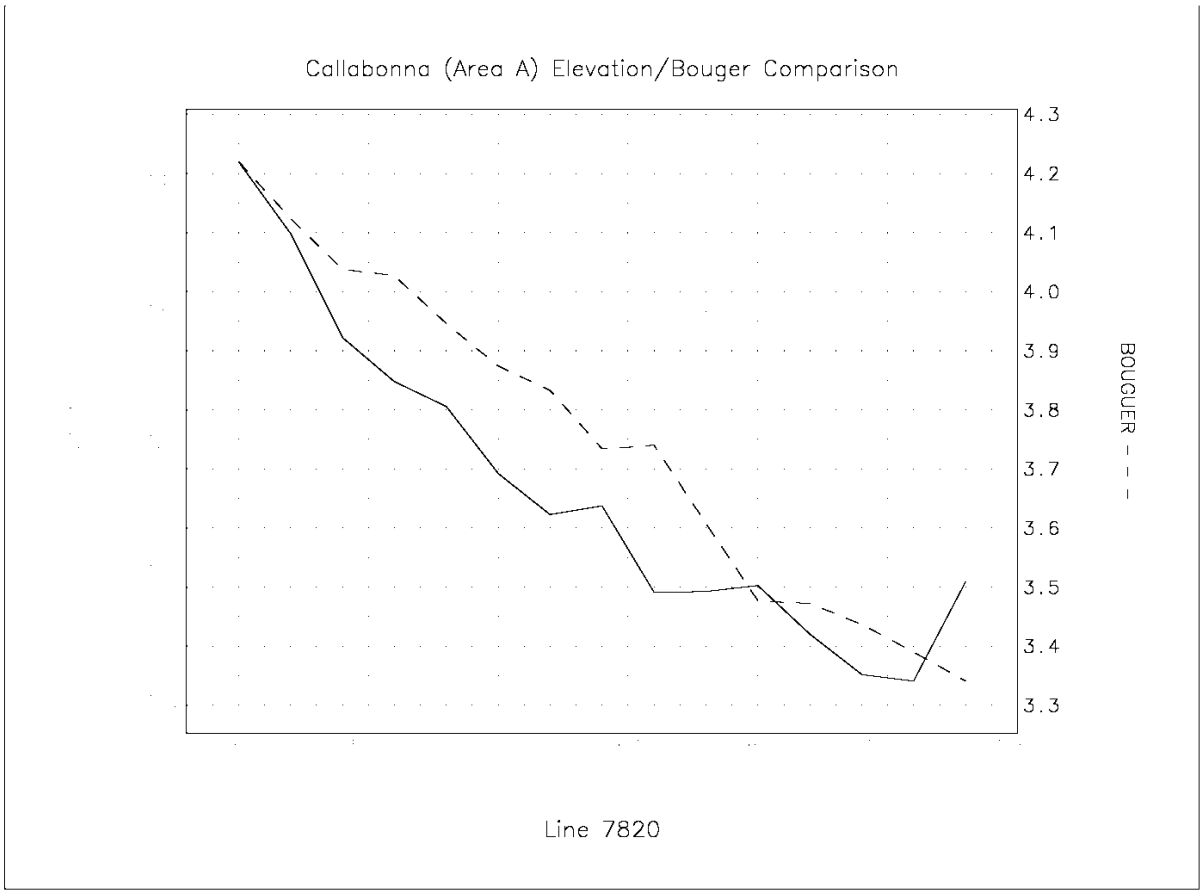

Lake Callabonna (Area A) Gravity Survey
Bouger anomaly contours (mgals) and zoned colour image
Haines Surveys Pty. Ltd. April 2004
500
0
500
1000
(metres)
6675000
6676000
6677000
6678000
407000
408000
409000
410000
411000

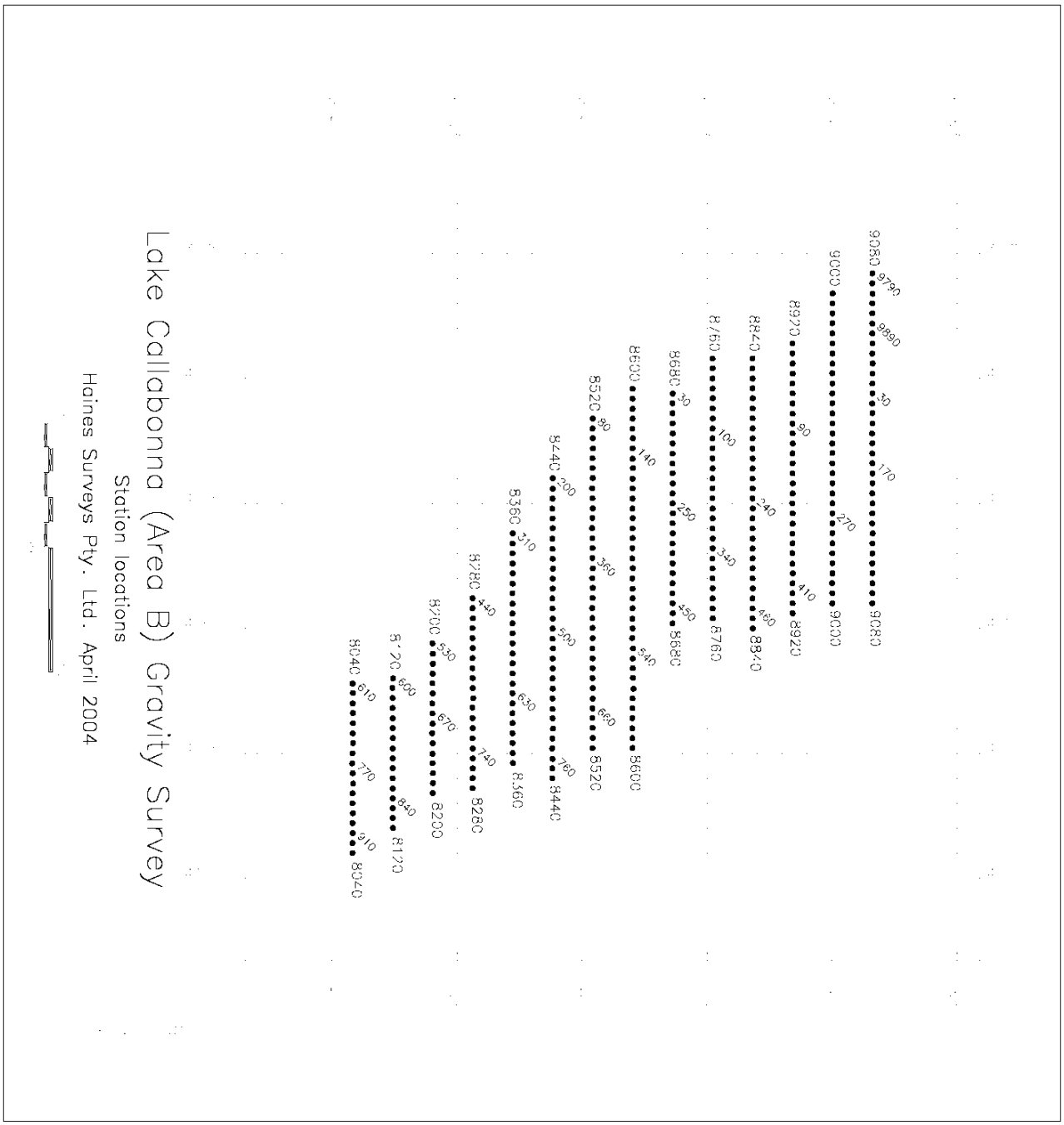

Callabonna (Area A) Elevation/Bouger Comparison
4.8
4.7
4.6
4.5
4.4
4.3
BOUGUER - - -
Line 7500

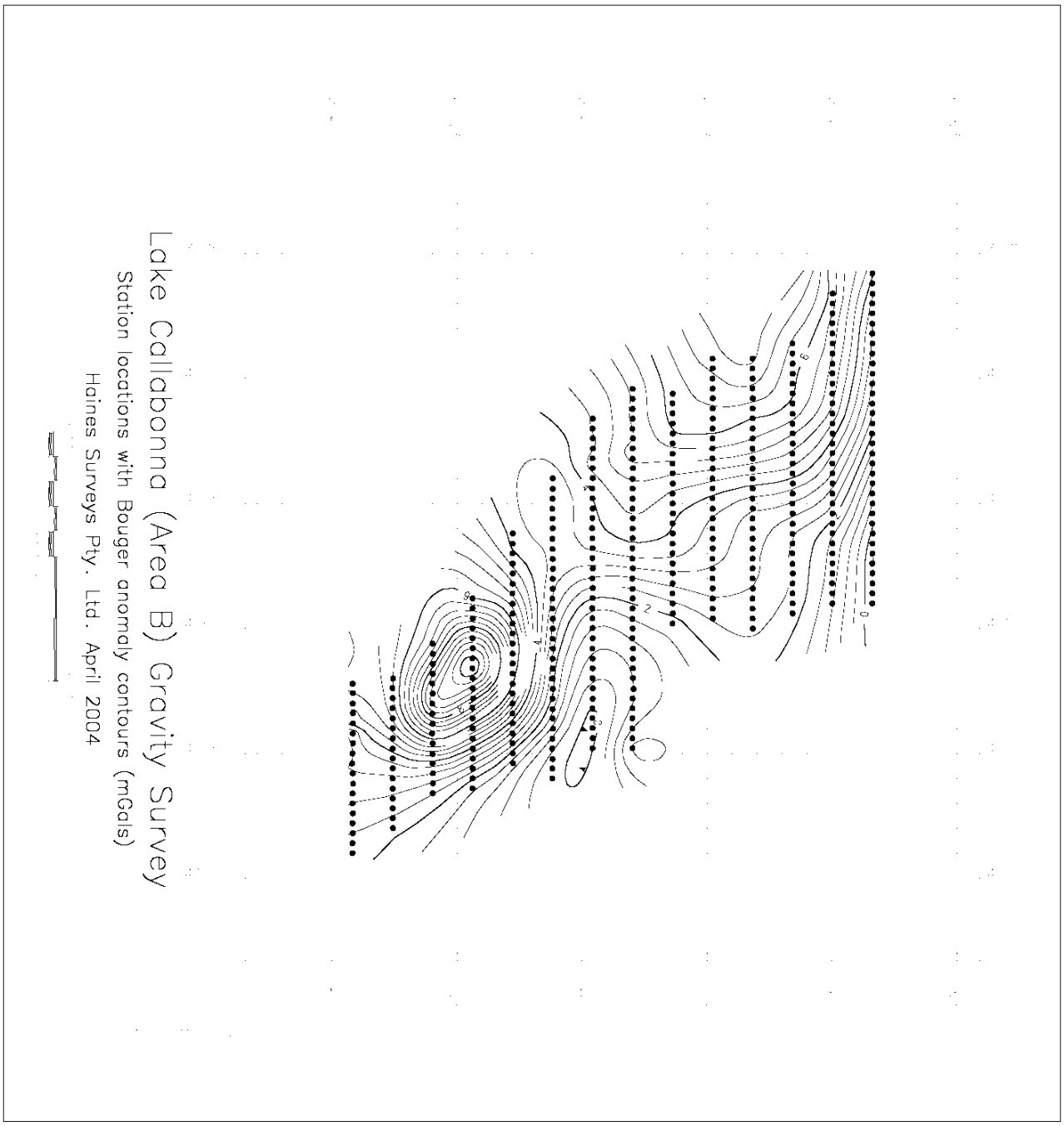

Callabonna (Area A) Elevation/Bouger Comparison
5.0
4.9
4.8
4.7
4.6
4.5
4.4
4.3
4.2
BOUGUER - - -
Line 7580

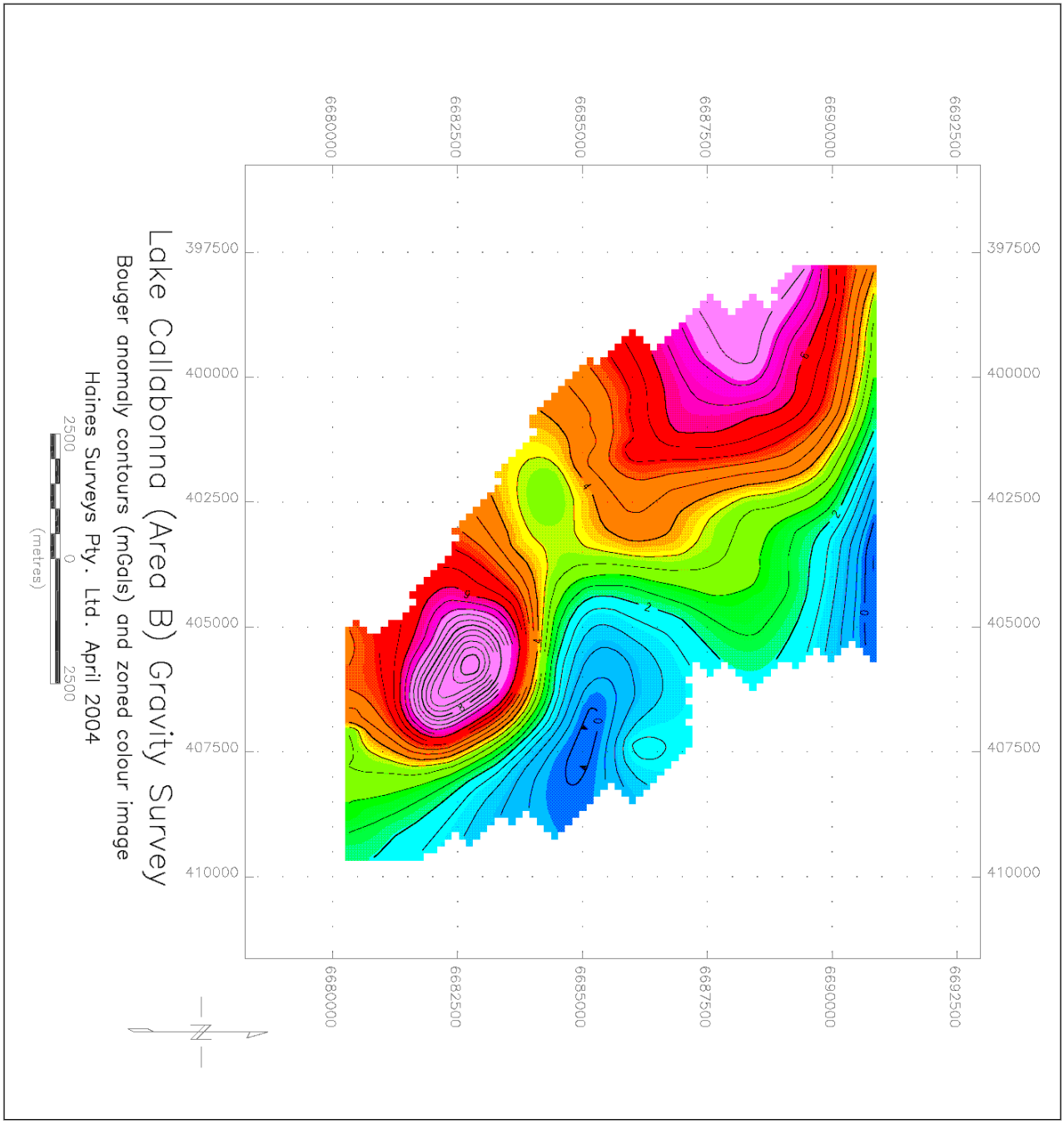

Callabonna (Area A) Elevation/Bouger Comparison
4.6
4.5
4.4
4.3
4.2
4.1
4.0
3.9
3.8
3.7
3.6
BOUGUER - - -
Line 7660

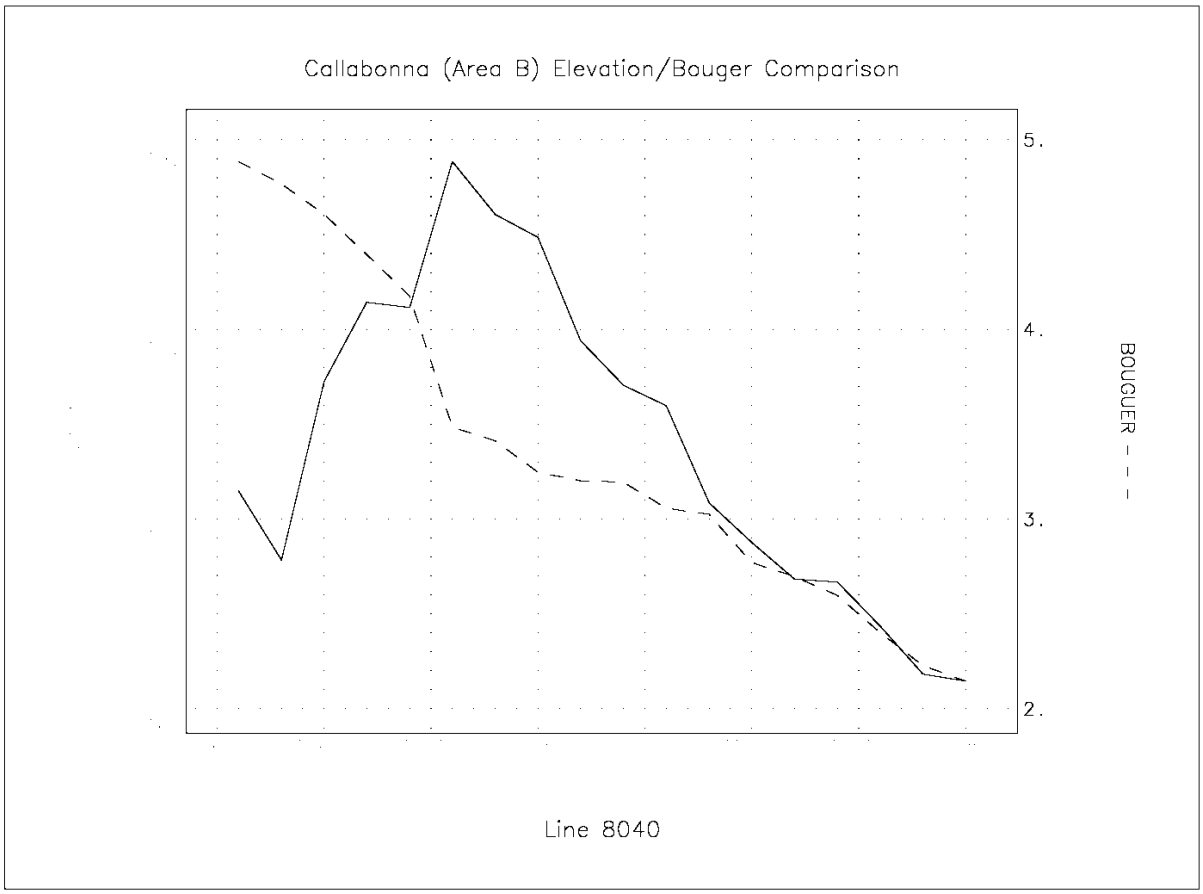

Callabonna (Area A) Elevation/Bouger Comparison
4.10
4.05
4.00
3.95
BOUGUER - - -
Line 7740

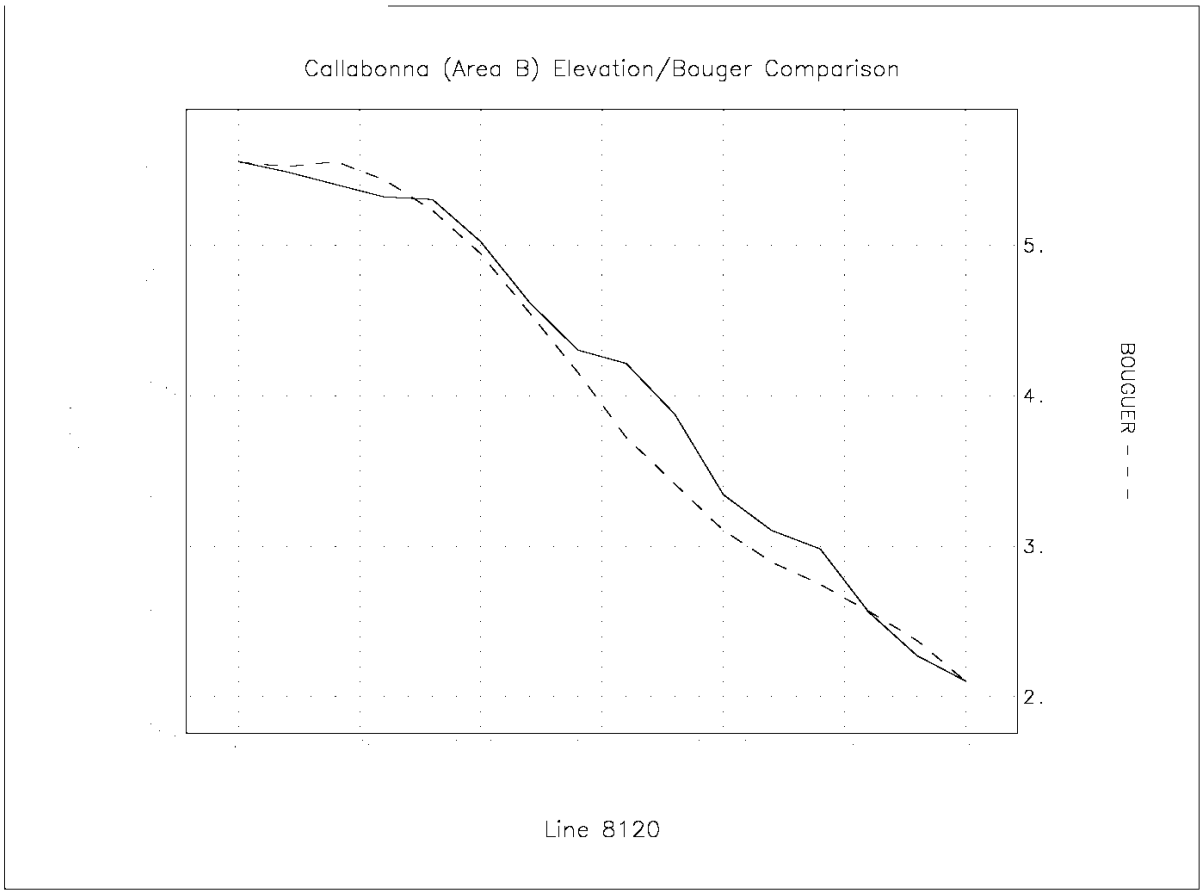

Callabonna (Area A) Elevation/Bouger Comparison
4.3
4.2
4.1
4.0
3.9
3.8
3.7
3.6
3.5
3.4
3.3
BOUGUER - - -
Line 7820

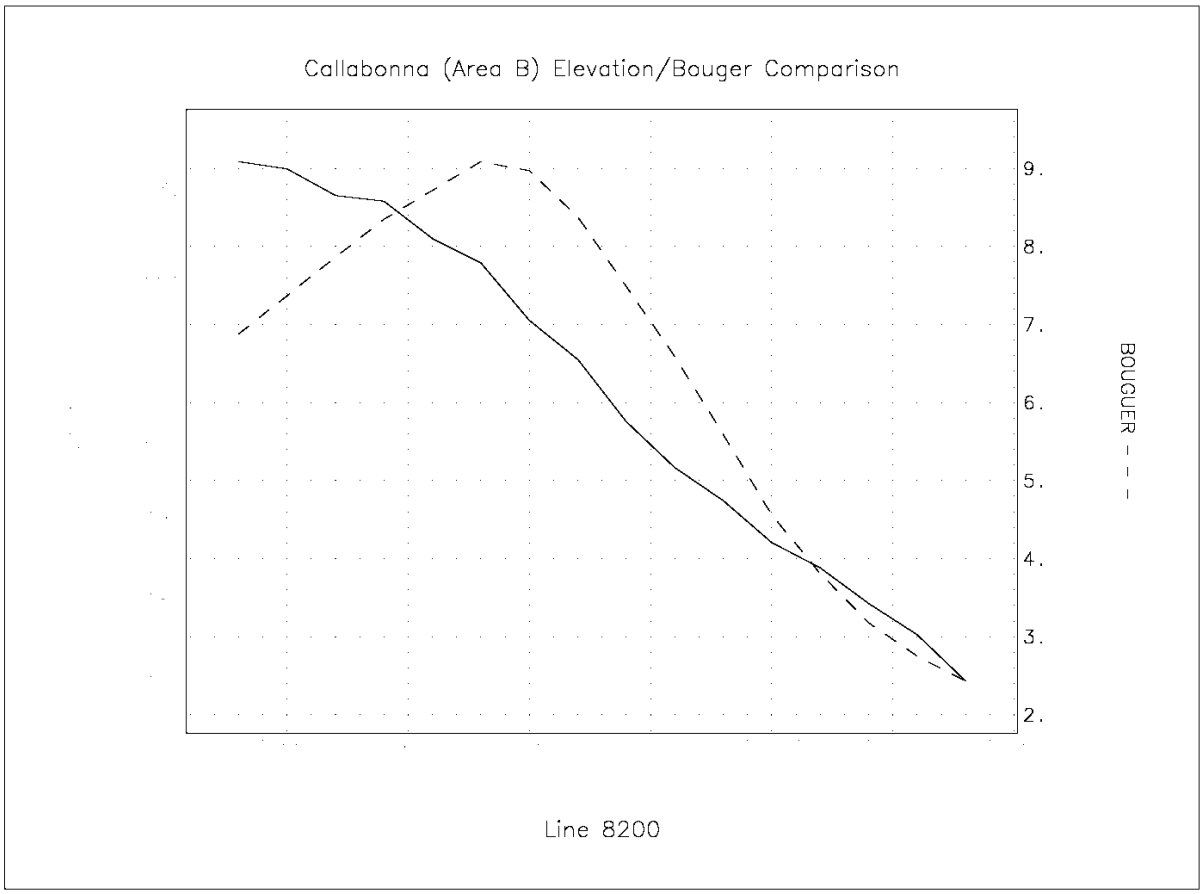

Lake Callabonna (Area B) Gravity Survey
Station locations
Haines Surveys Pty. Ltd. April 2004
9080
9790
9890
30
170
9000
270
8920
90
410
8840
240
460
8760
100
340
8680
30
250
450
8600
140
540
8520
80
350
660
8440
200
500
760
8360
310
650
8280
440
740
8200
530
670
8120
600
840
8040
610
770
910

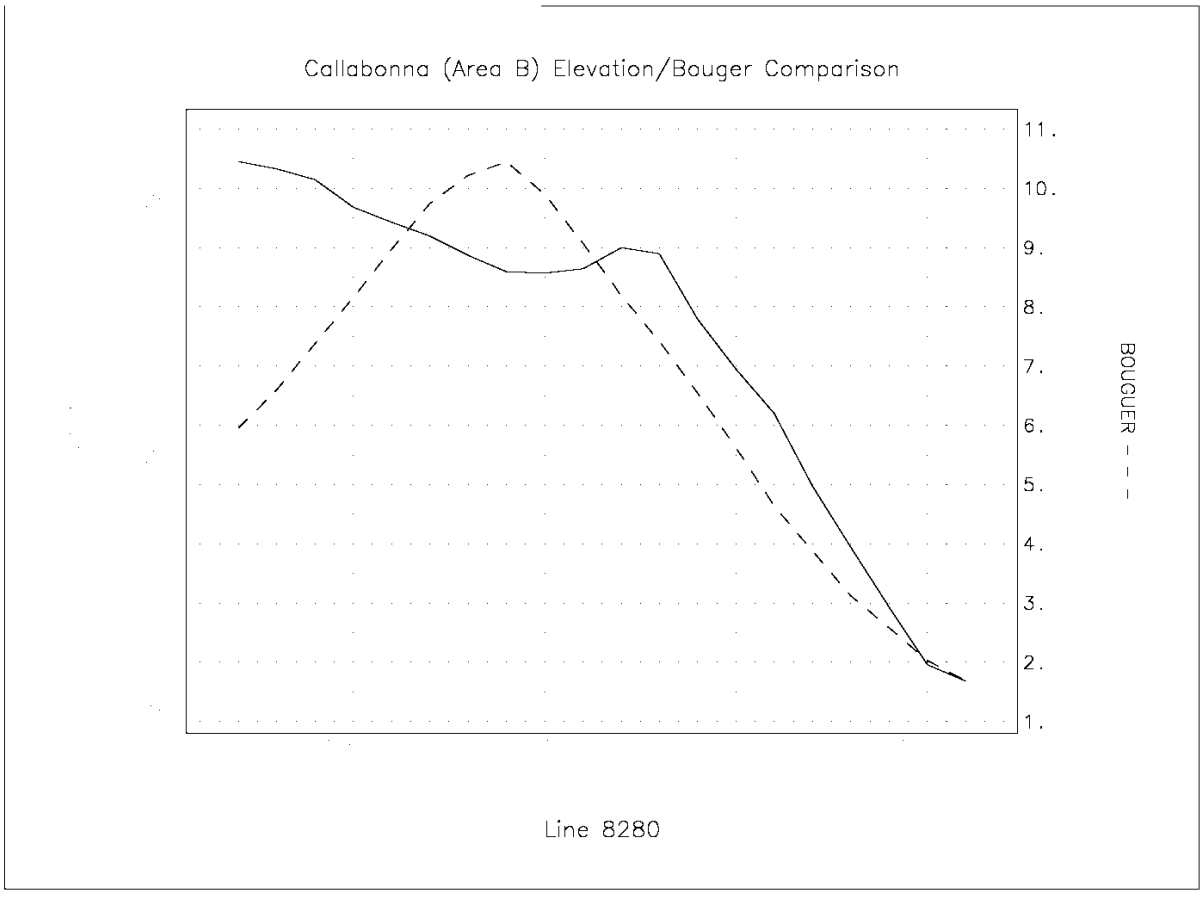

Lake Callabonna (Area B) Gravity Survey
Station locations with Bouger anomaly contours (mGals)
Haines Surveys Pty. Ltd. April 2004

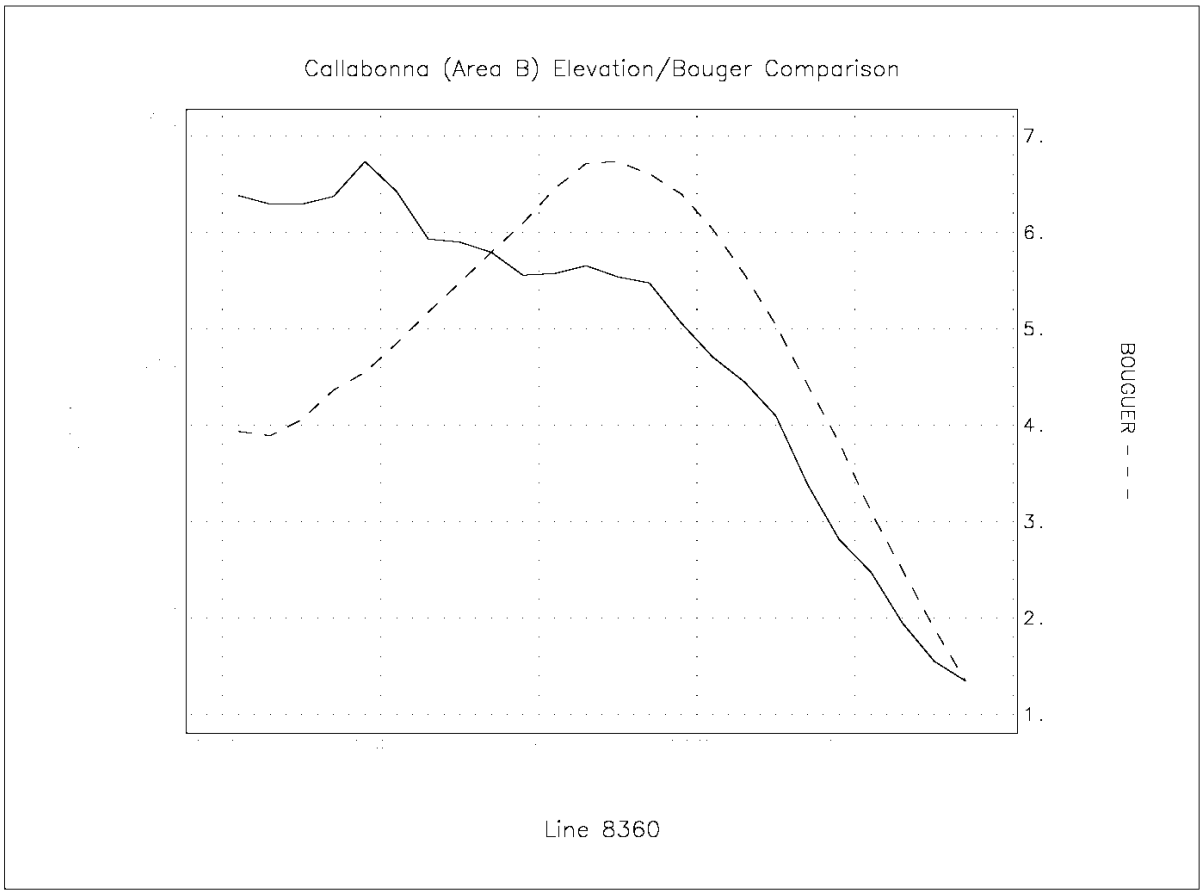

Lake Callabonna (Area B) Gravity Survey
Bouger anomaly contours (mGals) and zoned colour image
Haines Surveys Pty. Ltd. April 2004
2500
0
2500
(metres)
6680000
6682500
6685000
6687500
6690000
6692500
397500
400000
402500
405000
407500
410000

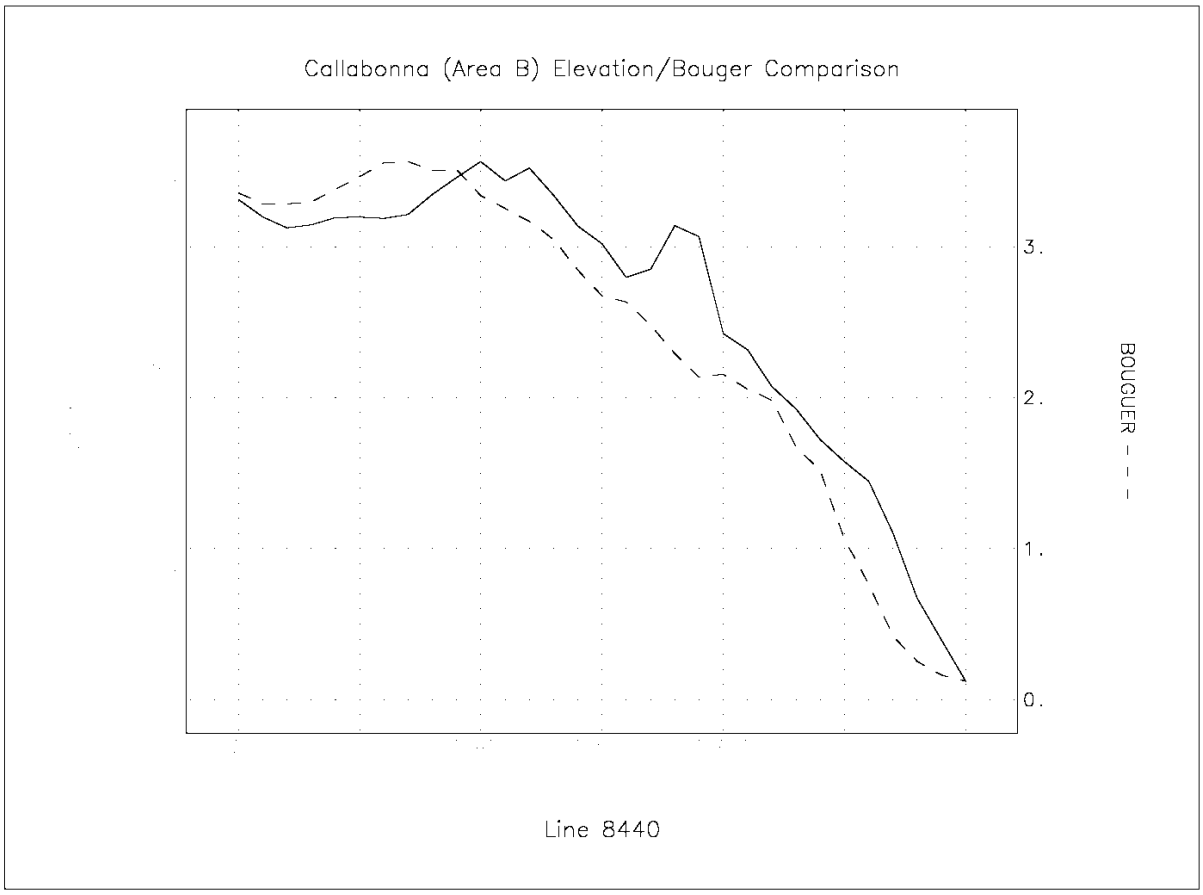

Callabonna (Area B) Elevation/Bouger Comparison
5.
4.
3.
2.
BOUGUER - - -
Line 8040

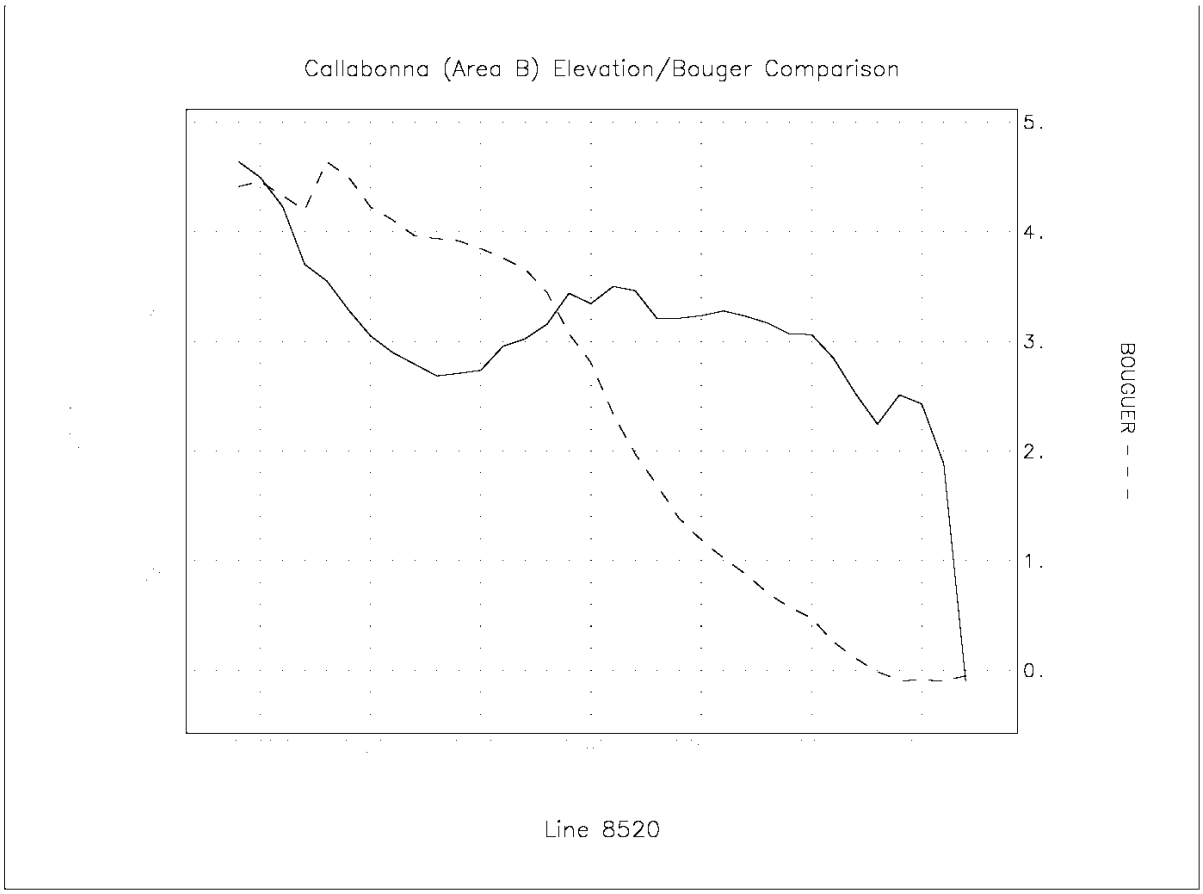

Callabonna (Area B) Elevation/Bouger Comparison
5.
4.
3.
2.
BOUGUER - - -
Line 8120

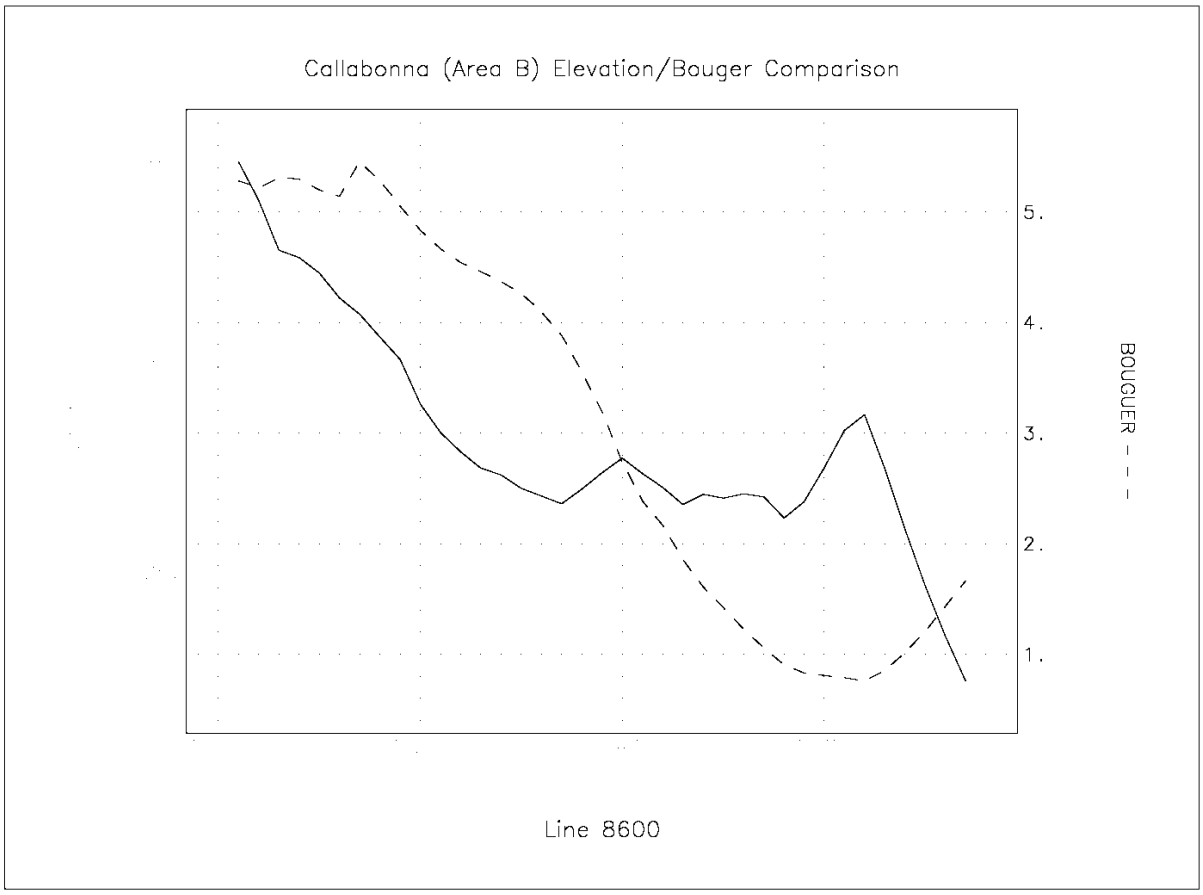

Callabonna (Area B) Elevation/Bouger Comparison
9.
8.
7.
6.
5.
4.
3.
2.
BOUGUER - - -
Line 8200

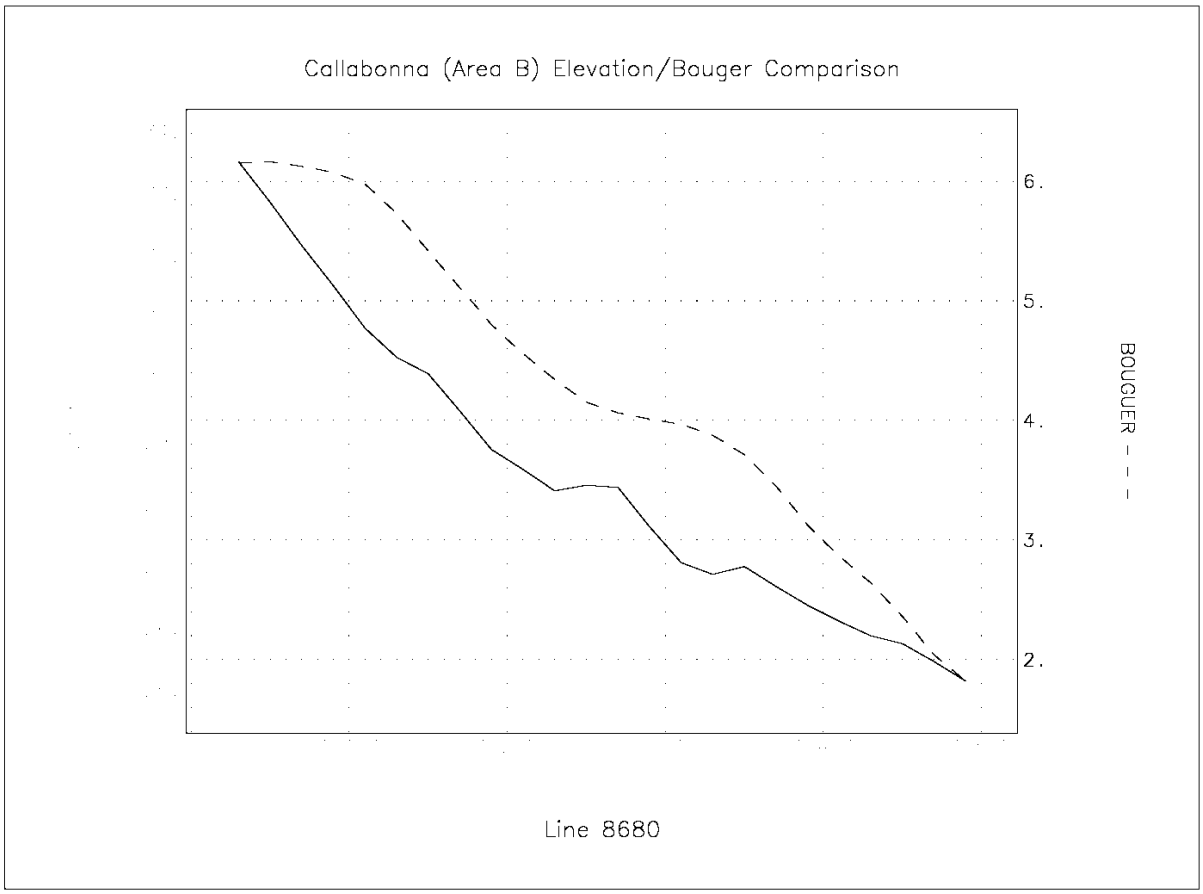

Callabonna (Area B) Elevation/Bouger Comparison
11.
10.
9.
8.
7.
6.
5.
4.
3.
2.
1.
BOUGUER - - -
Line 8280

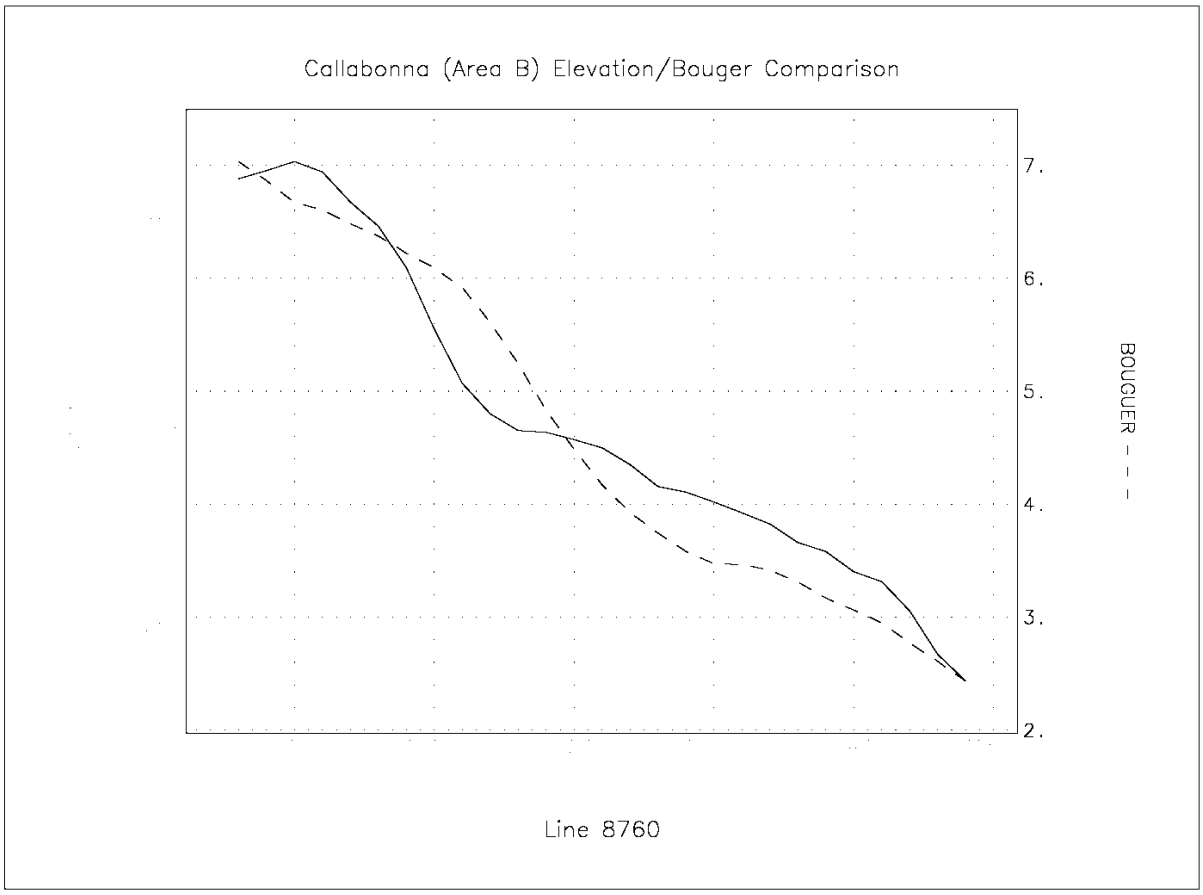

Callabonna (Area B) Elevation/Bouger Comparison
7.
6.
5.
4.
3.
2.
1.
BOUGUER - - -
Line 8360

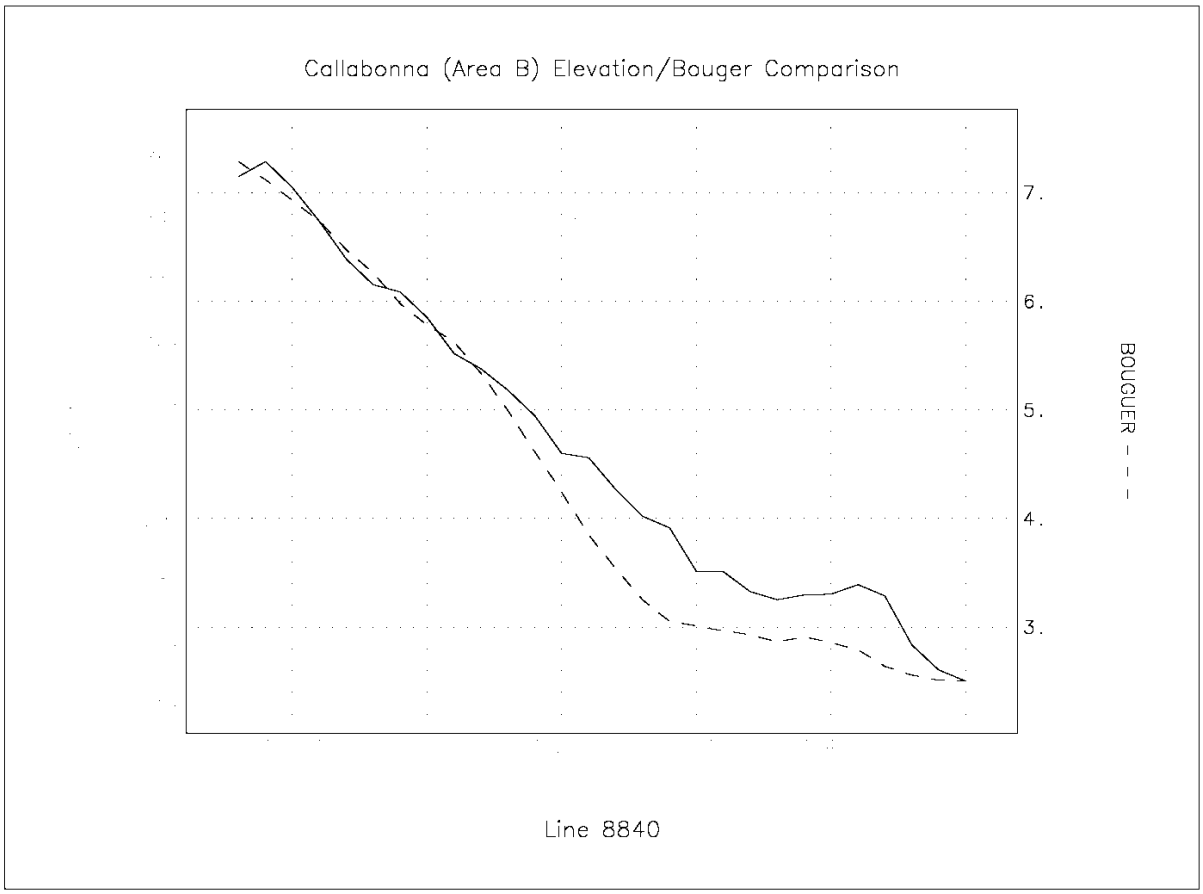

Callabonna (Area B) Elevation/Bouger Comparison
3.
2.
1.
0.
BOUGUER - - -
Line 8440

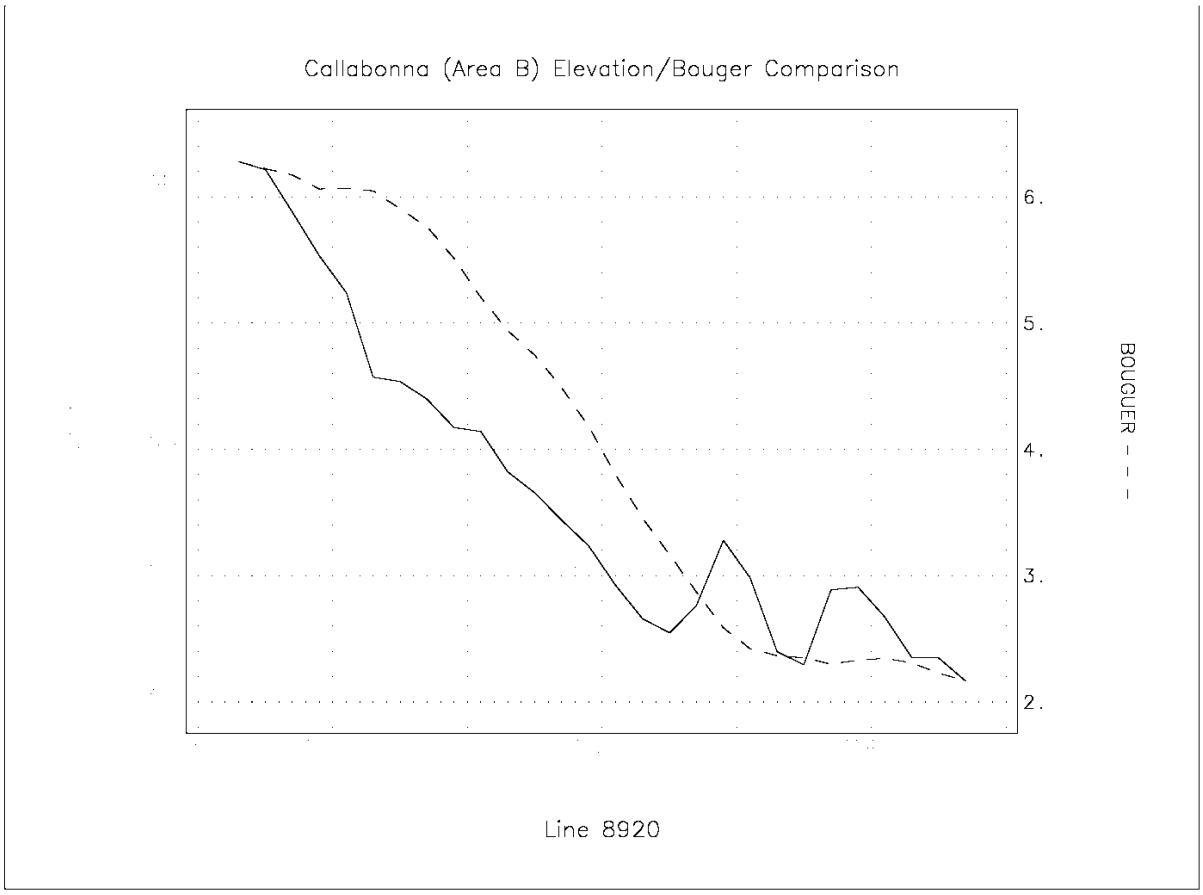

Callabonna (Area B) Elevation/Bouger Comparison
5.
4.
3.
2.
1.
0.
BOUGUER - - -
Line 8520

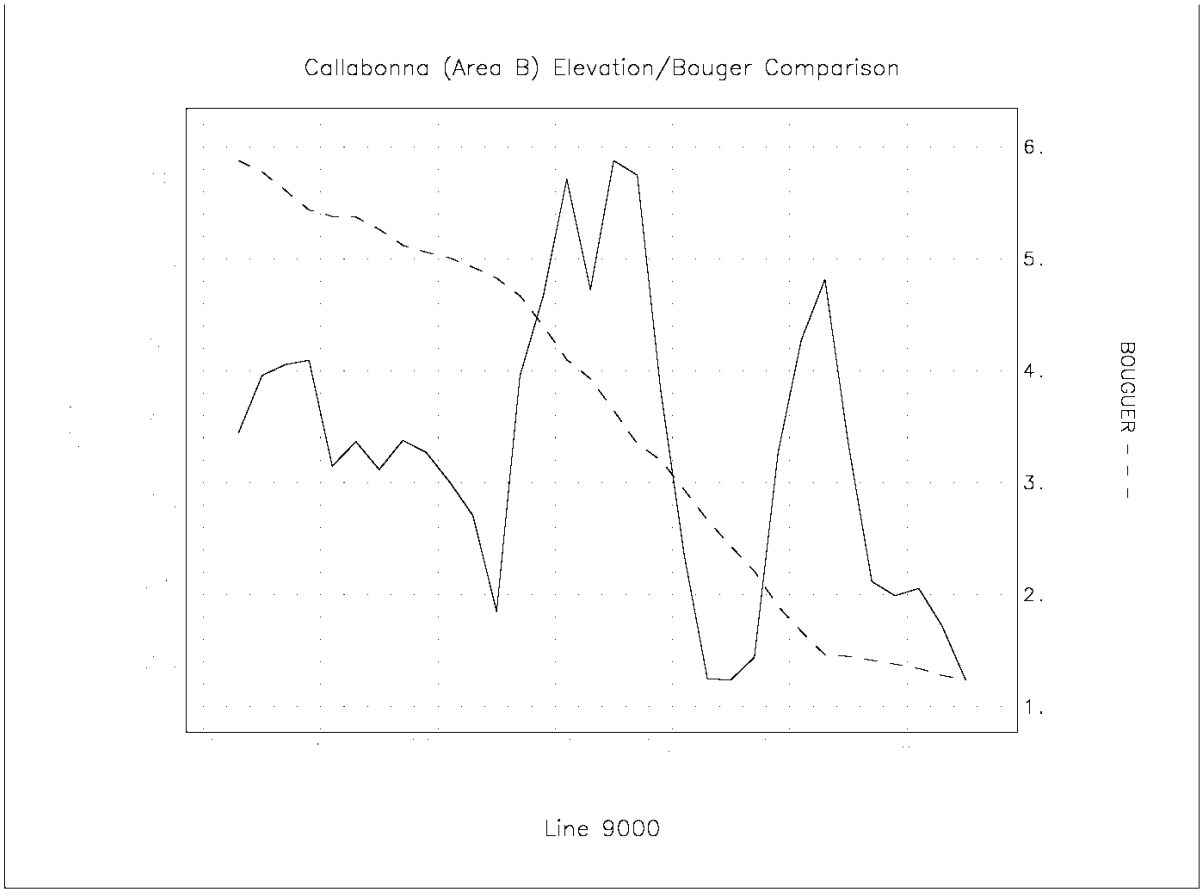

Callabonna (Area B) Elevation/Bouger Comparison
5.
4.
3.
2.
1.
BOUGUER - - -
Line 8600

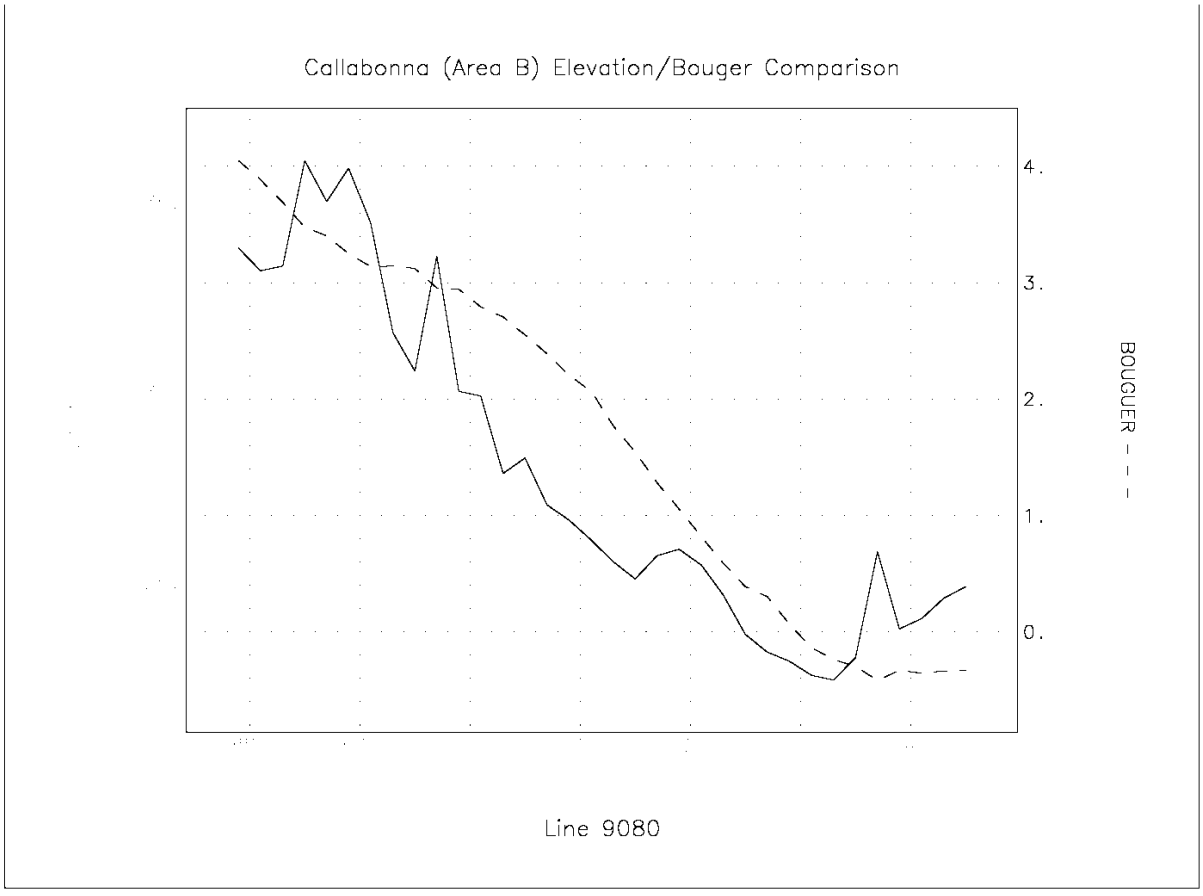

Callabonna (Area B) Elevation/Bouger Comparison
6.
5.
4.
3.
2.
BOUGUER - - -
Line 8680


Callabonna (Area B) Elevation/Bouger Comparison
7.
6.
5.
4.
3.
2.
BOUGUER - - -
Line 8760

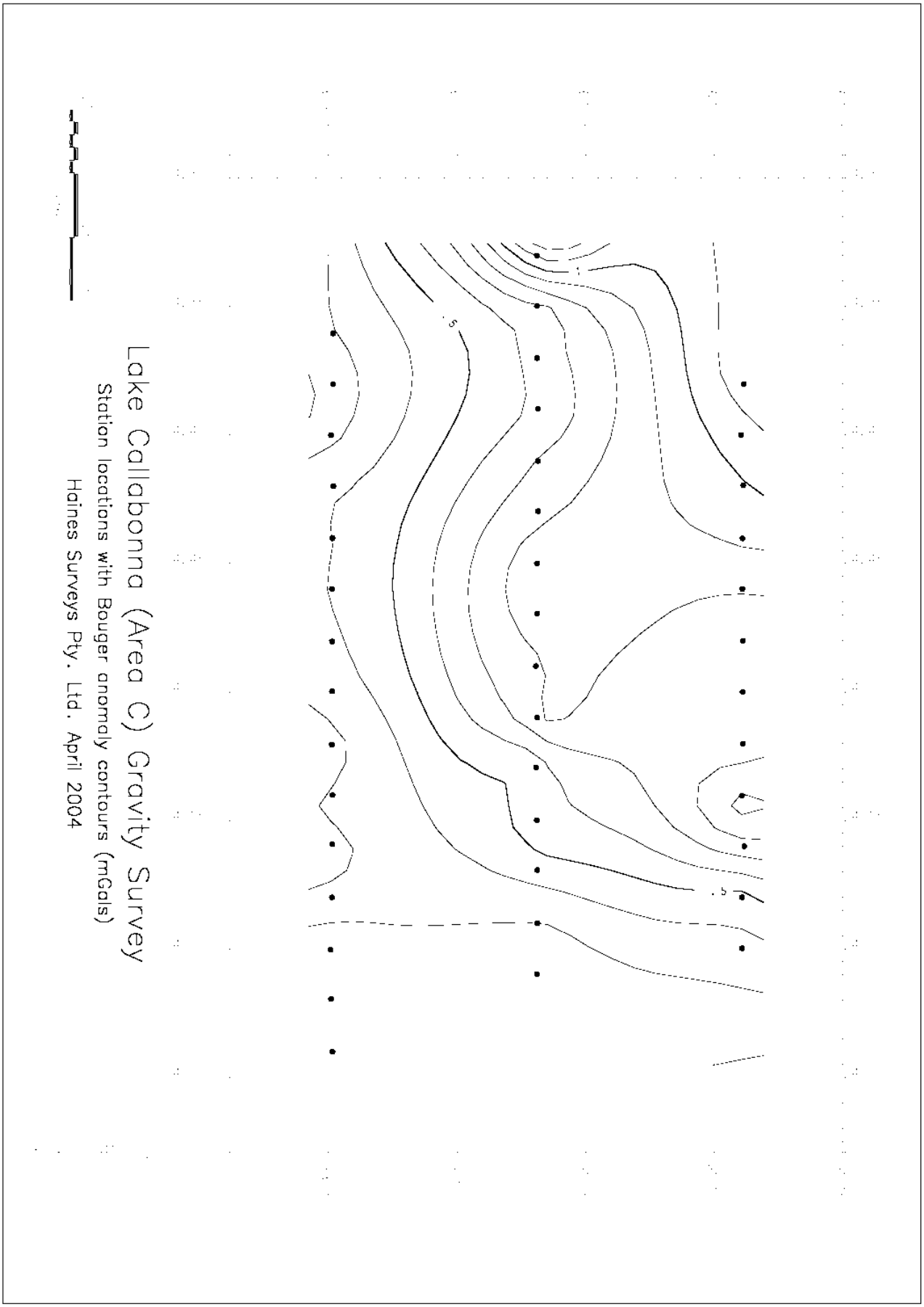

Callabonna (Area B) Elevation/Bouger Comparison
7.
6.
5.
4.
3.
BOUGUER - - -
Line 8840

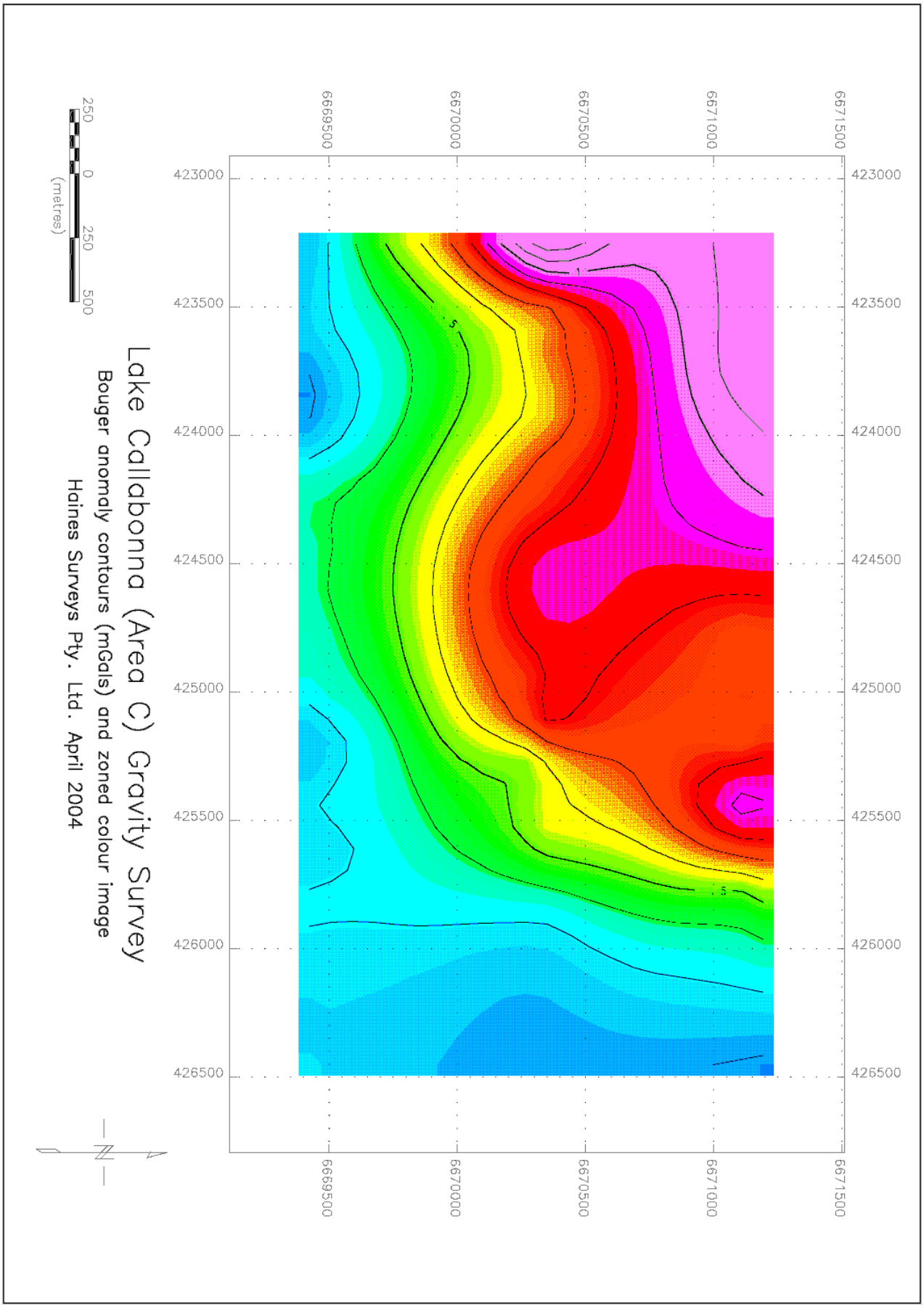

Callabonna (Area B) Elevation/Bouger Comparison
6.
5.
4.
3.
2.
BOUGUER - - -
Line 8920

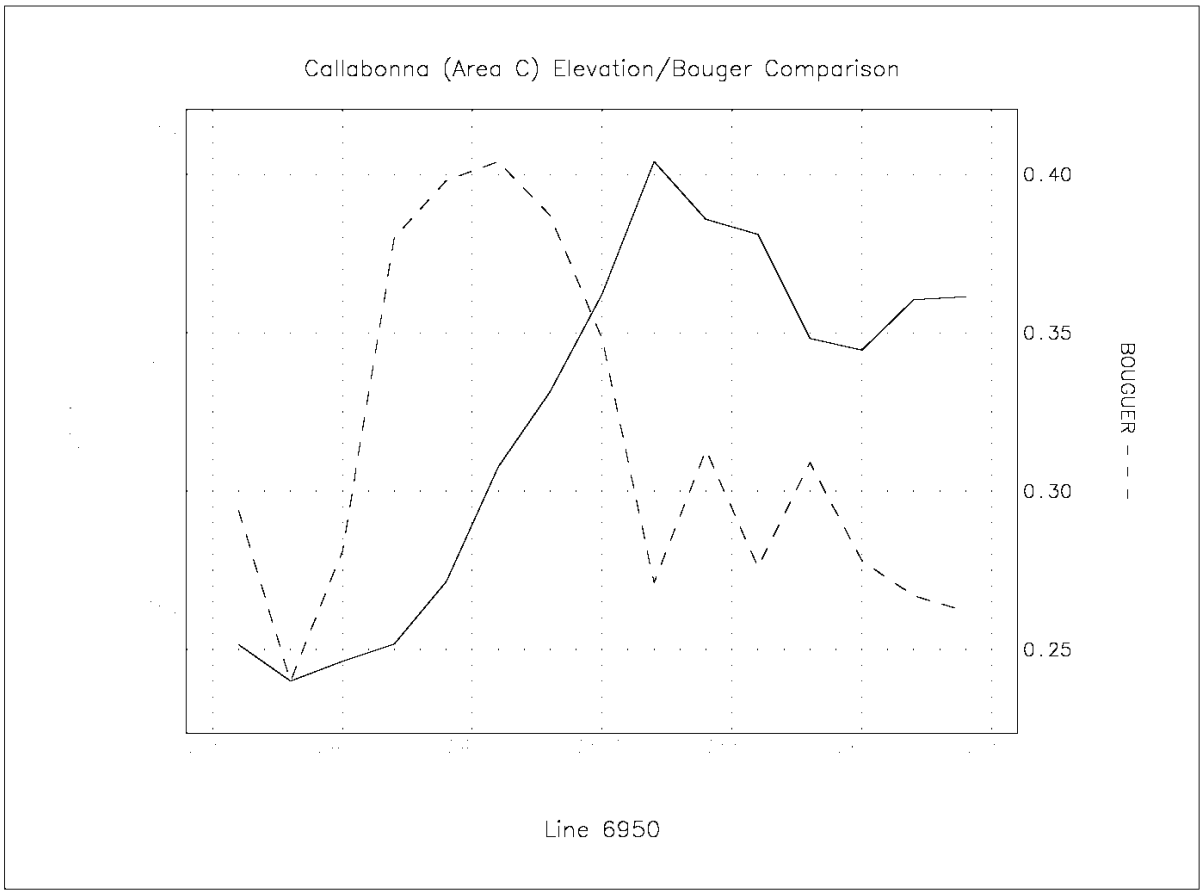

Callabonna (Area B) Elevation/Bouger Comparison
6.
5.
4.
3.
2.
1.
BOUGUER - - -
Line 9000

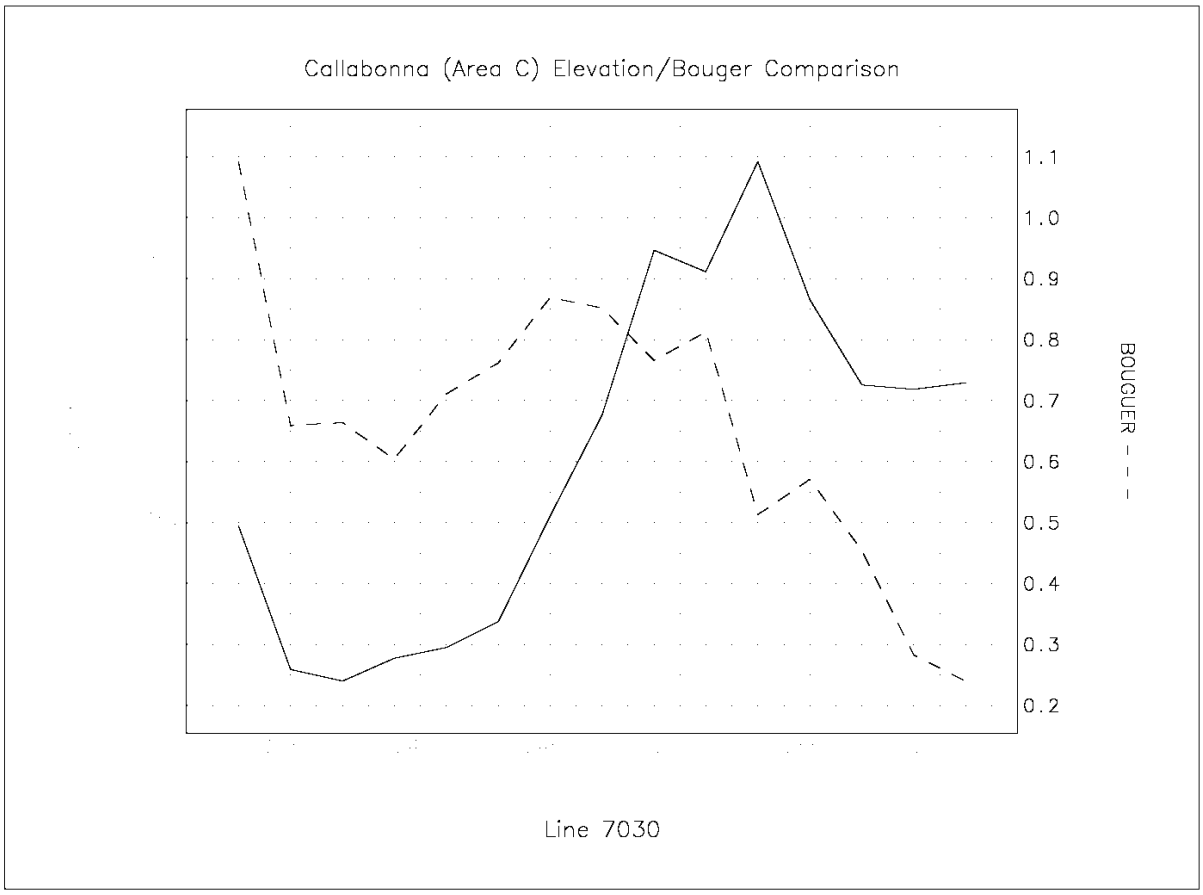

Callabonna (Area B) Elevation/Bouger Comparison
4.
3.
2.
1.
0.
BOUGUER - - -
Line 9080

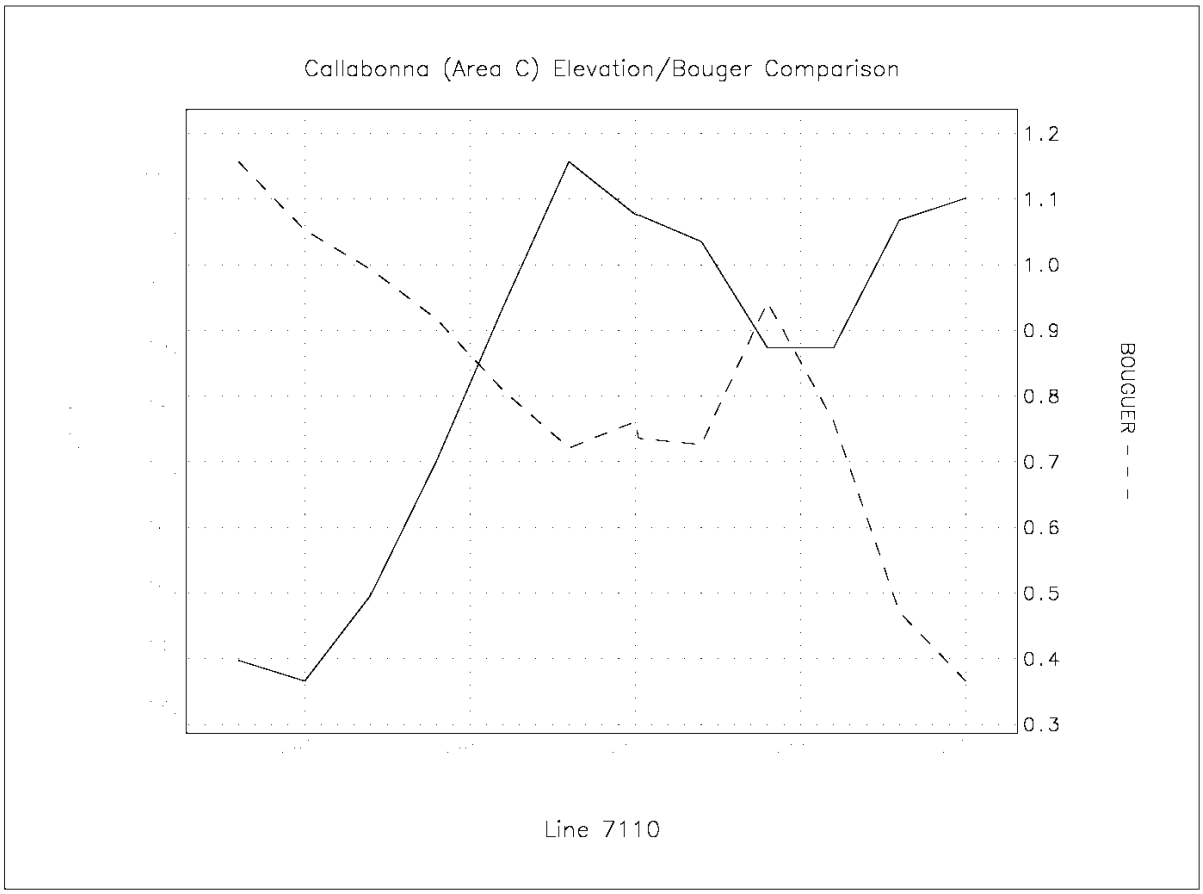
Lake Callabonna (Area C) Gravity Survey
Station locations
Haines Surveys Pty. Ltd. April 2004
7330
2330
2410
2490
2570
7330
6950
2360
2460
2540
2640
6950
7110
2380
2440
2520
2600
7110

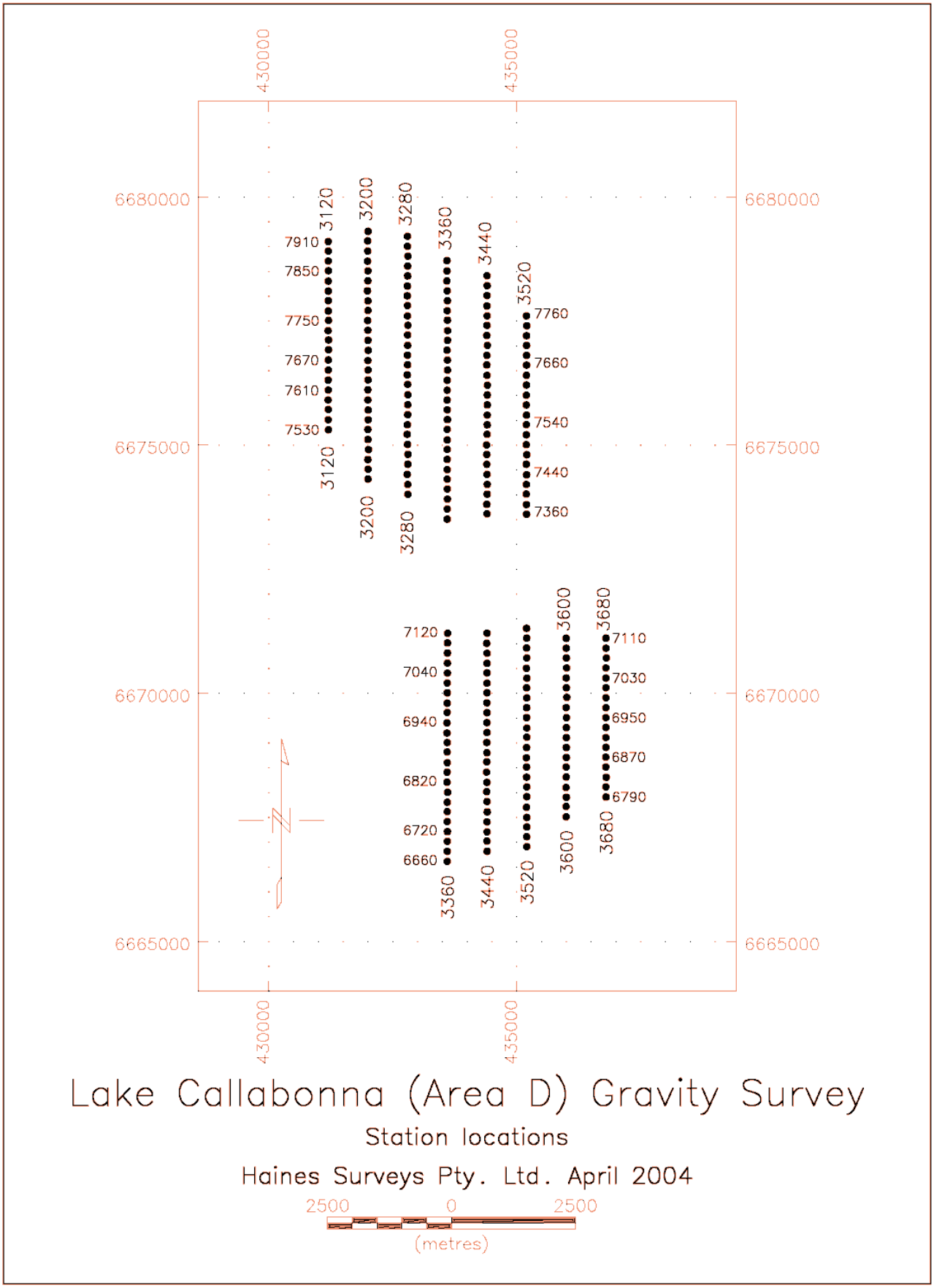

Lake Callabonna (Area C) Gravity Survey
Station locations with Bouger anomaly contours (mGals)
Haines Surveys Pty. Ltd. April 2004
-.5
-.5

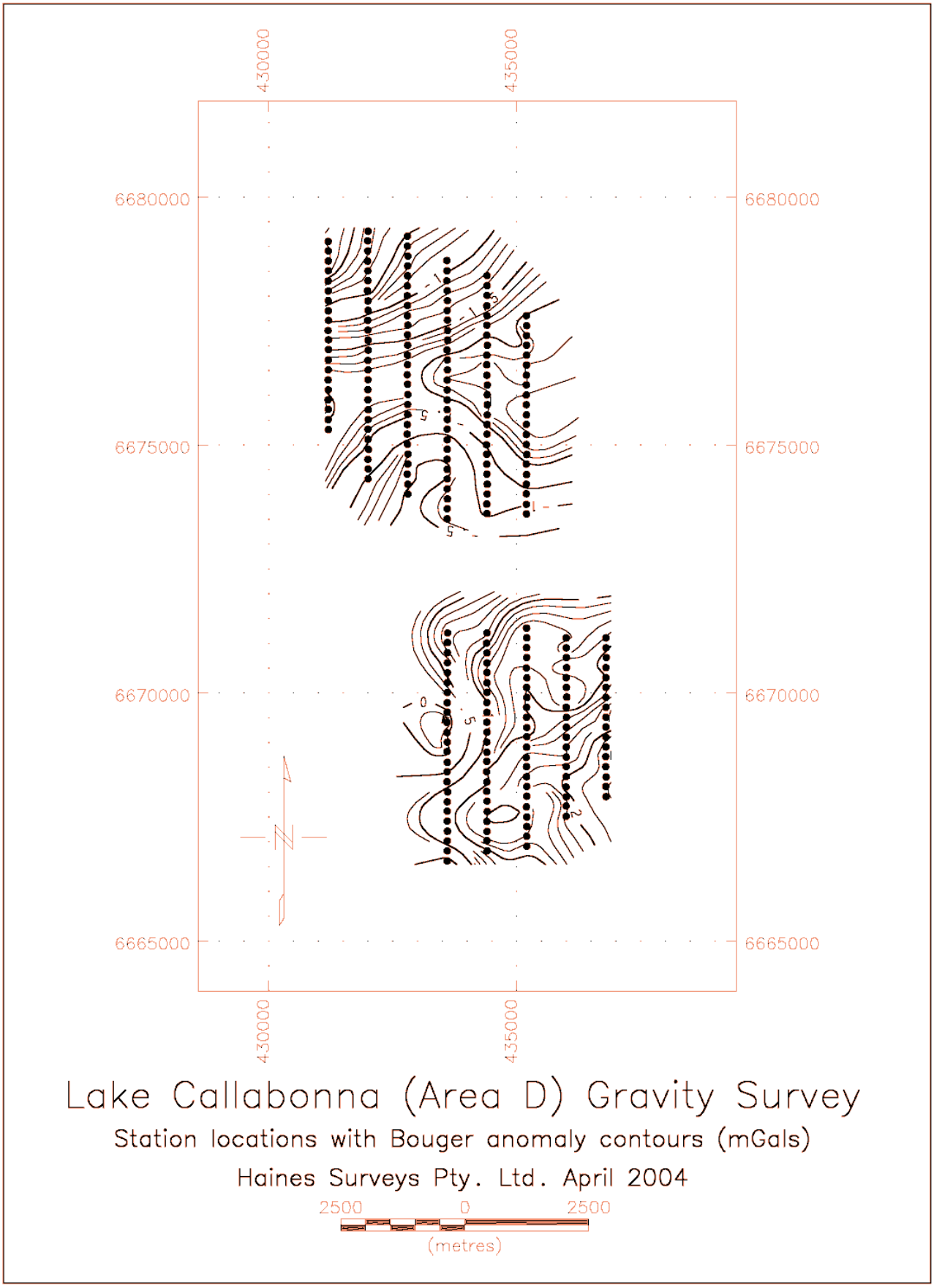

Lake Callabonna (Area C) Gravity Survey
Bouger anomaly contours (mGals) and zoned colour image
Haines Surveys Pty. Ltd. April 2004
250 0 250 500
(metres)
6669500
6670000
6670500
6671000
6671500
423000
423500
424000
424500
425000
425500
426000
426500
1
.5
.5

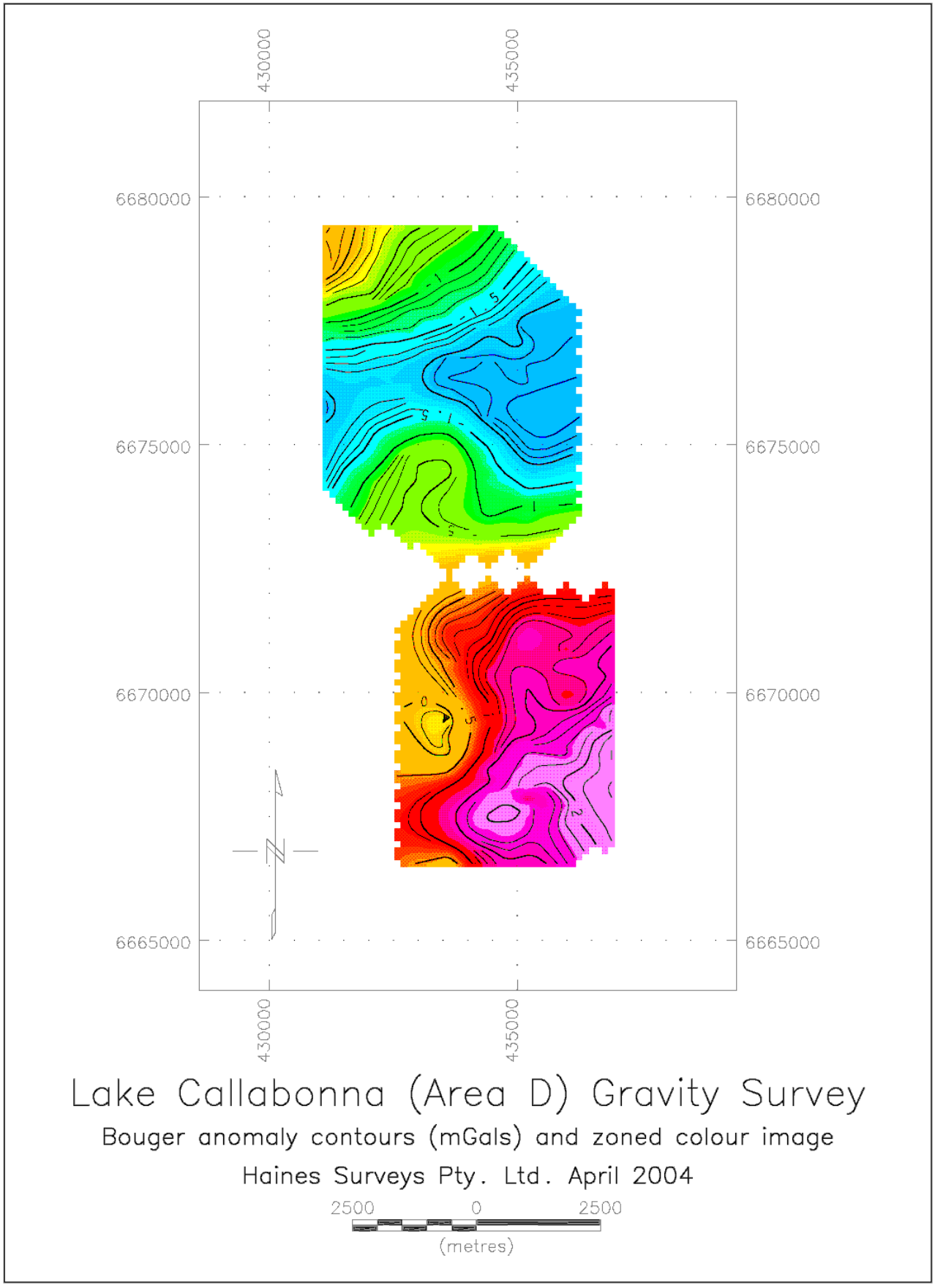

Callabonna (Area C) Elevation/Bouger Comparison
0.40
0.35
0.30
0.25
BOUGUER - - -
Line 6950

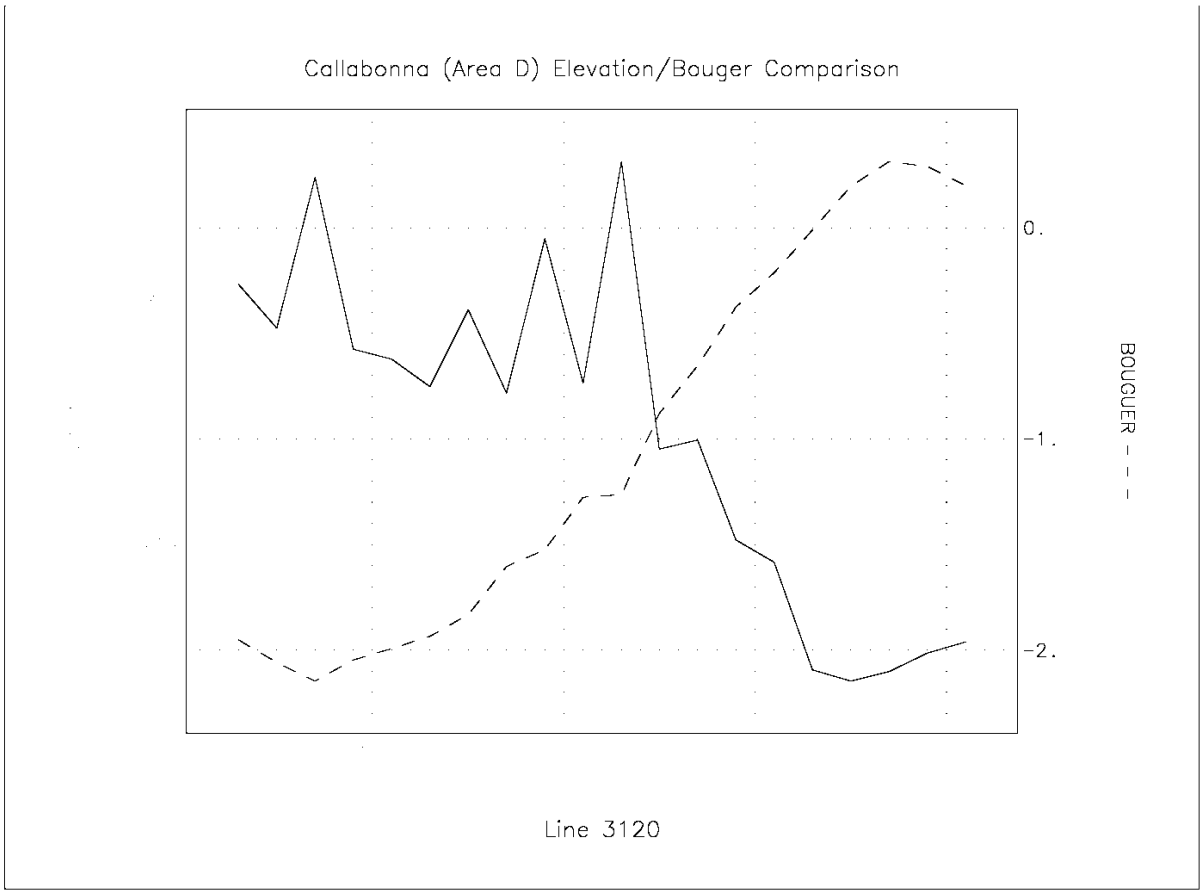

Callabonna (Area C) Elevation/Bouger Comparison
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
BOUGUER - - -
Line 7030

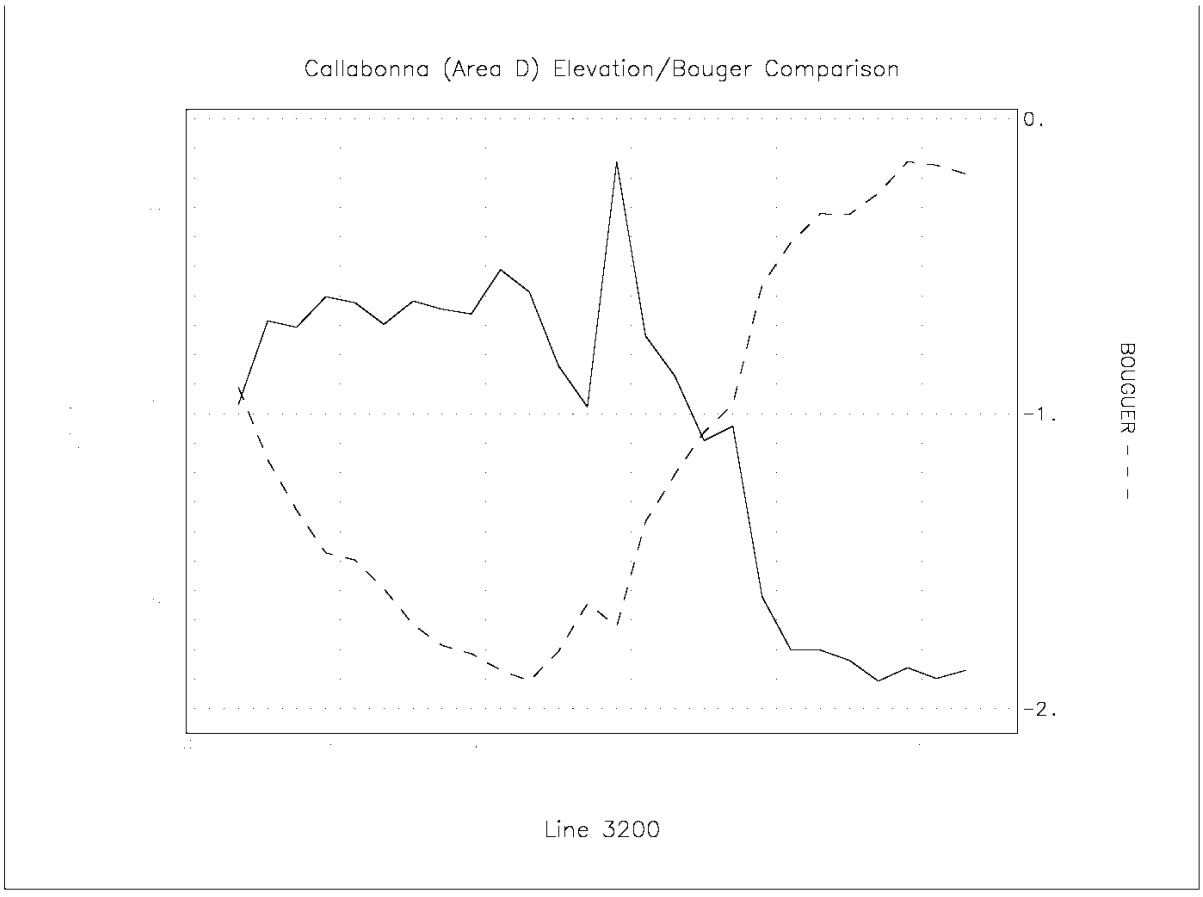

Callabonna (Area C) Elevation/Bouger Comparison
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
BOUGUER - - -
Line 7110

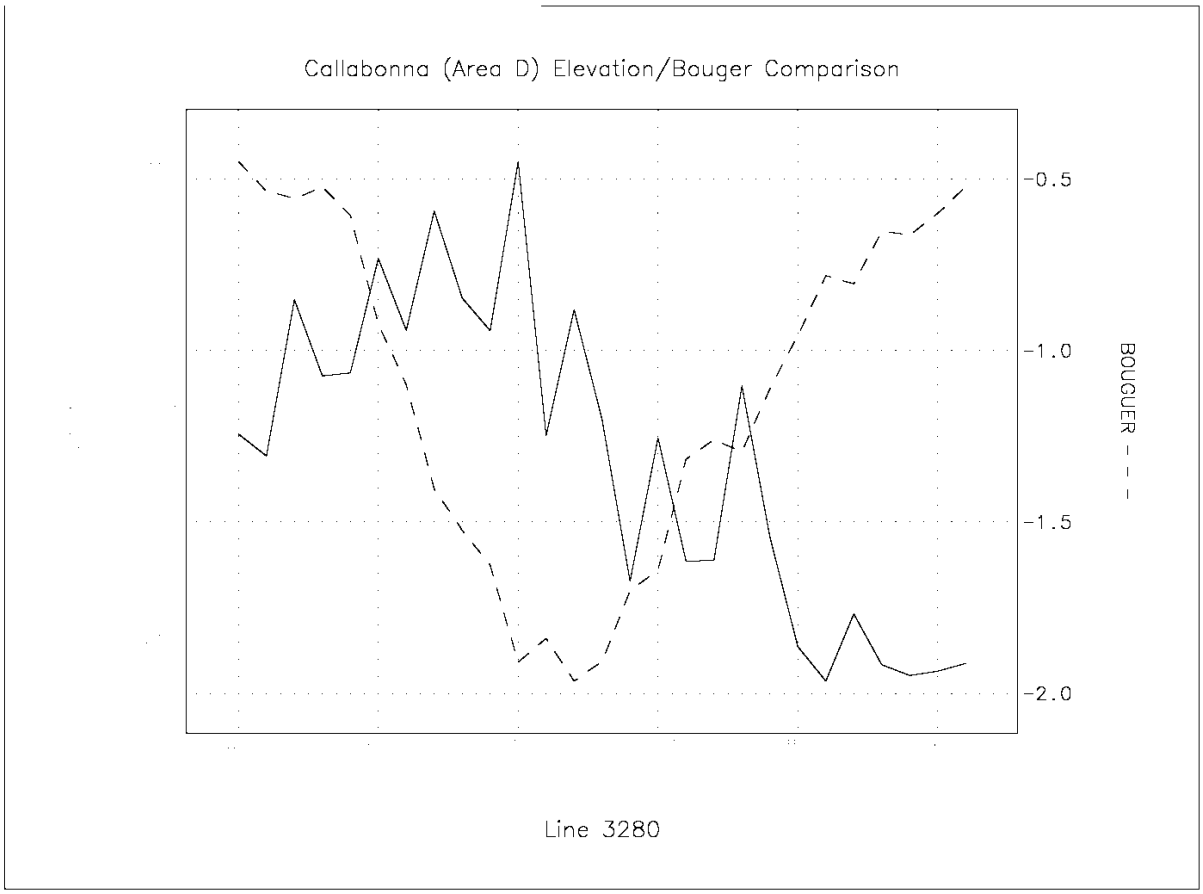

430000
435000
6680000
6675000
6670000
6665000
3120
3200
3280
3360
3440
3520
3600
3680
7910
7850
7750
7670
7610
7530
7760
7660
7540
7440
7360
7120
7040
6940
6820
6720
6660
7110
7030
6950
6870
6790
Lake Callabonna (Area D) Gravity Survey
Station locations
Haines Surveys Pty. Ltd. April 2004
2500
0
2500
(metres)

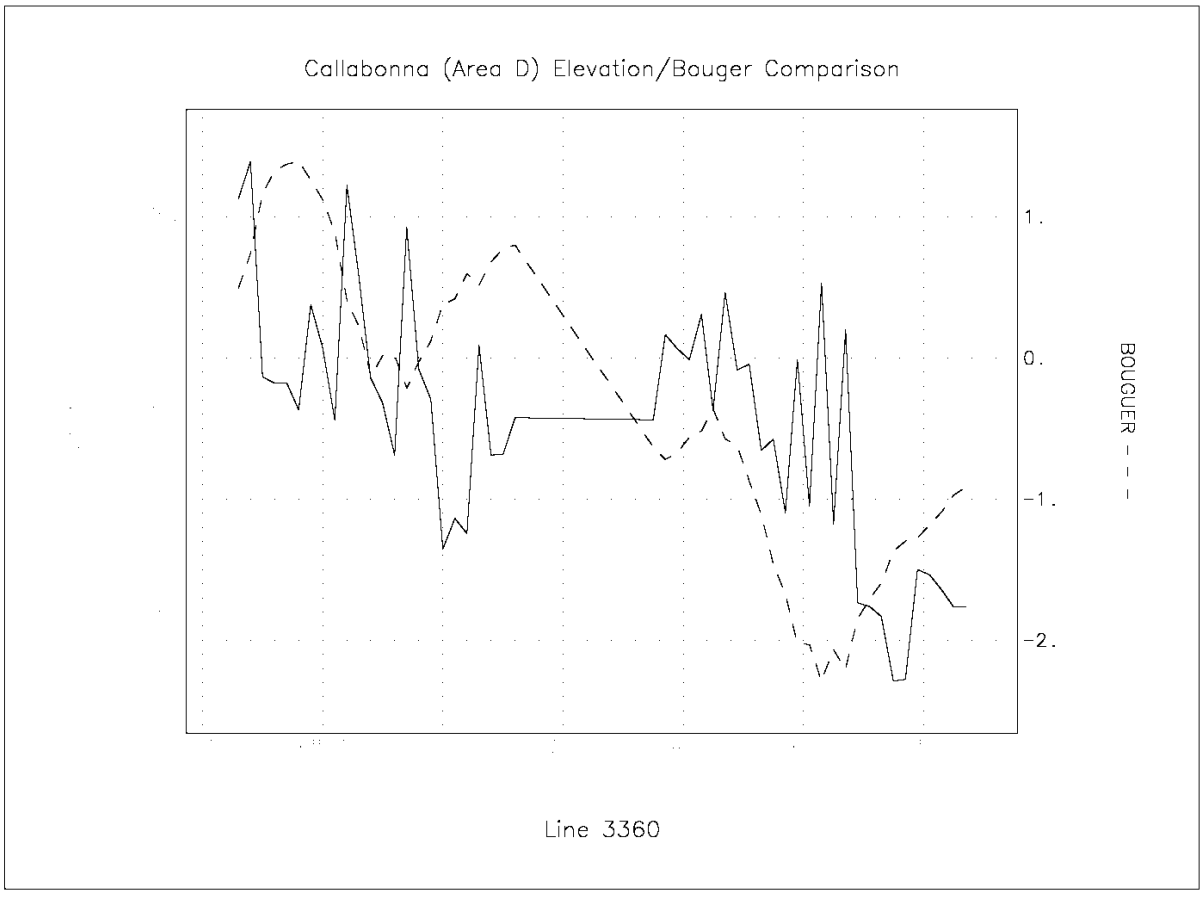

430000
435000
6680000
6675000
6670000
6665000
Lake Callabonna (Area D) Gravity Survey
Station locations with Bouger anomaly contours (mGals)
Haines Surveys Pty. Ltd. April 2004
2500
0
2500
(metres)

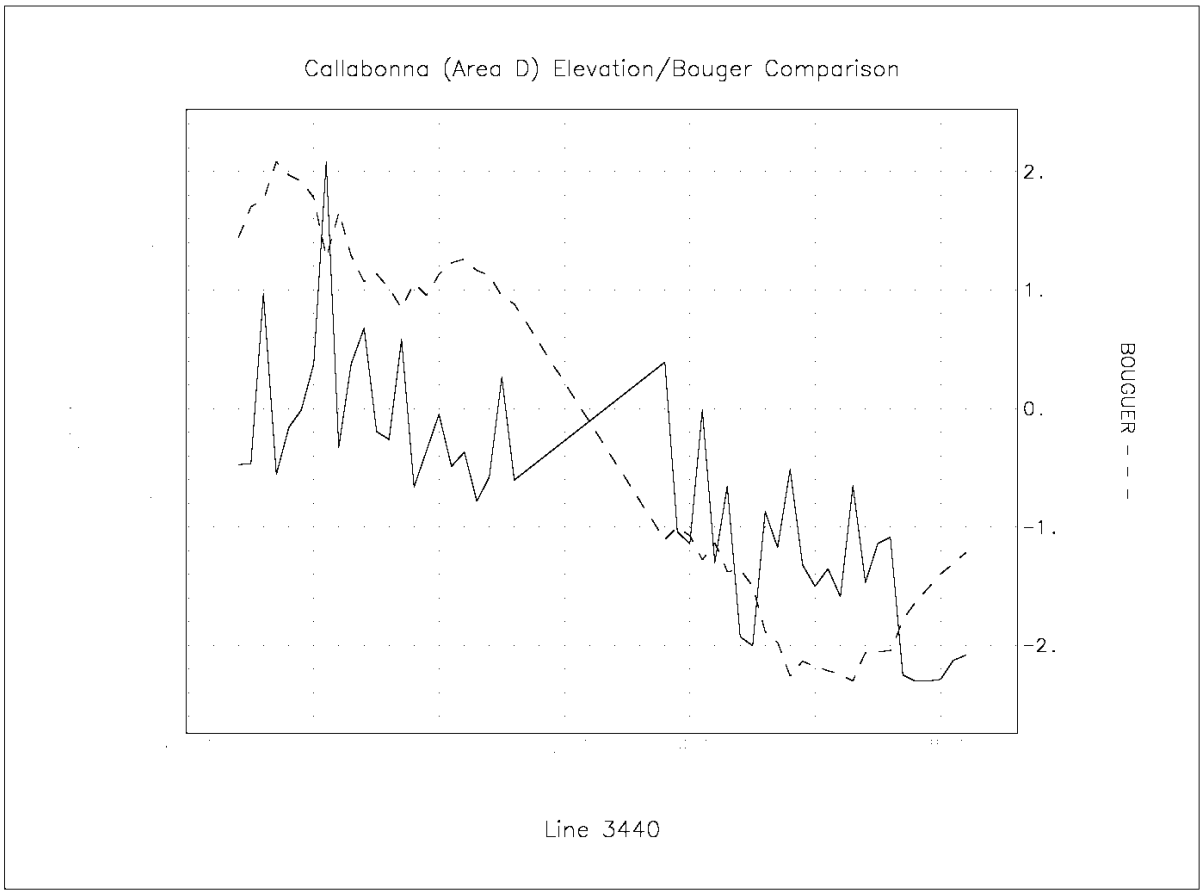

430000
435000
6680000
6675000
6670000
6665000
Lake Callabonna (Area D) Gravity Survey
Bouger anomaly contours (mGals) and zoned colour image
Haines Surveys Pty. Ltd. April 2004
2500 0 2500
(metres)

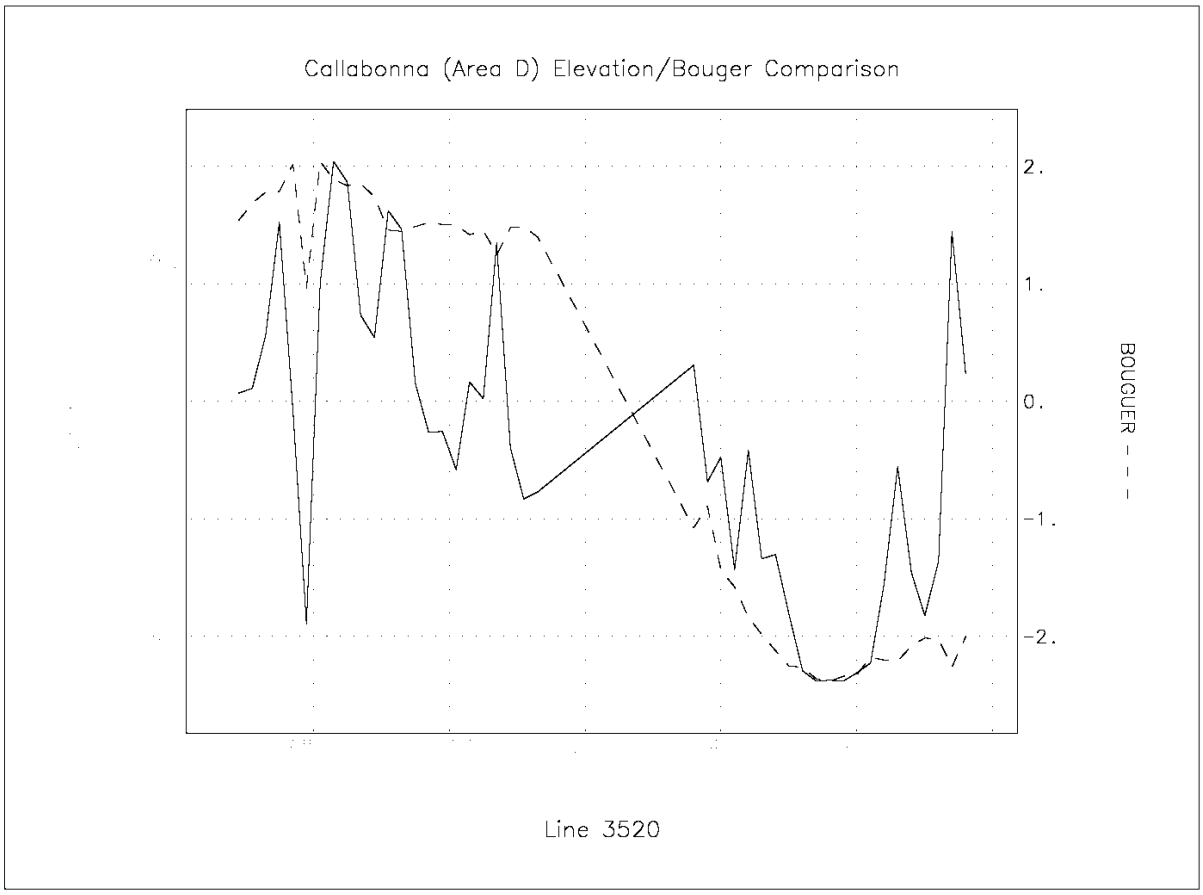

Callabonna (Area D) Elevation/Bouger Comparison
0.
-1.
-2.
BOUGUER - - -
Line 3120

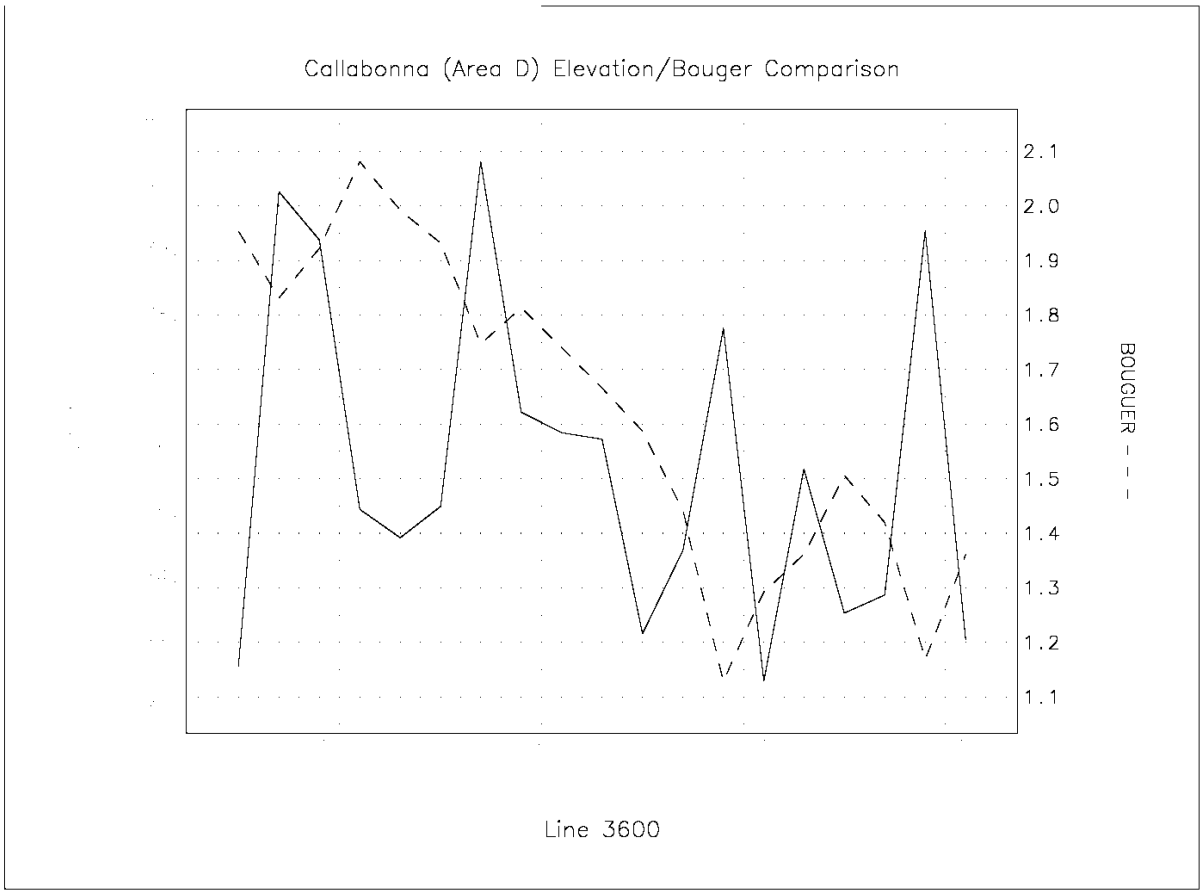

Callabonna (Area D) Elevation/Bouger Comparison
0.
-1.
-2.
BOUGUER - - -
Line 3200

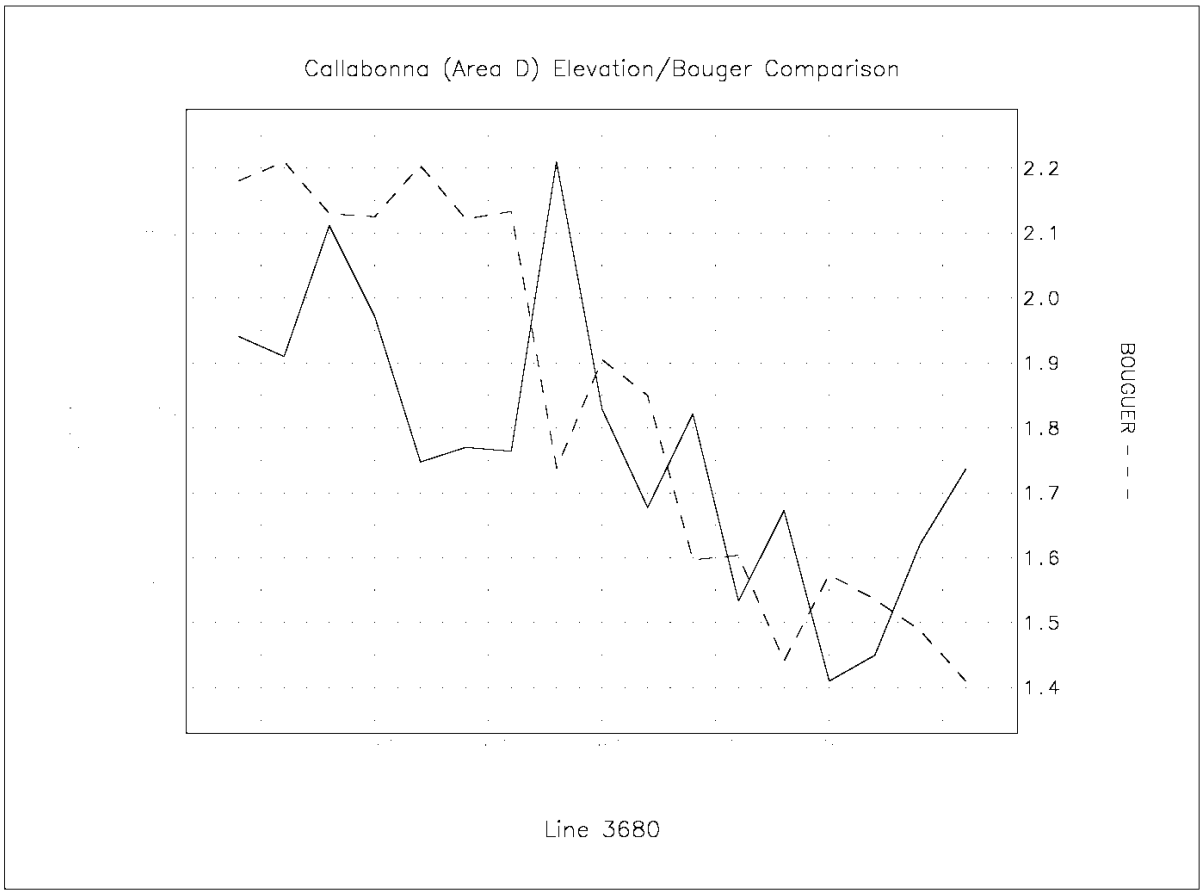

Callabonna (Area D) Elevation/Bouger Comparison
-0.5
-1.0
-1.5
-2.0
BOUGUER - - -
Line 3280

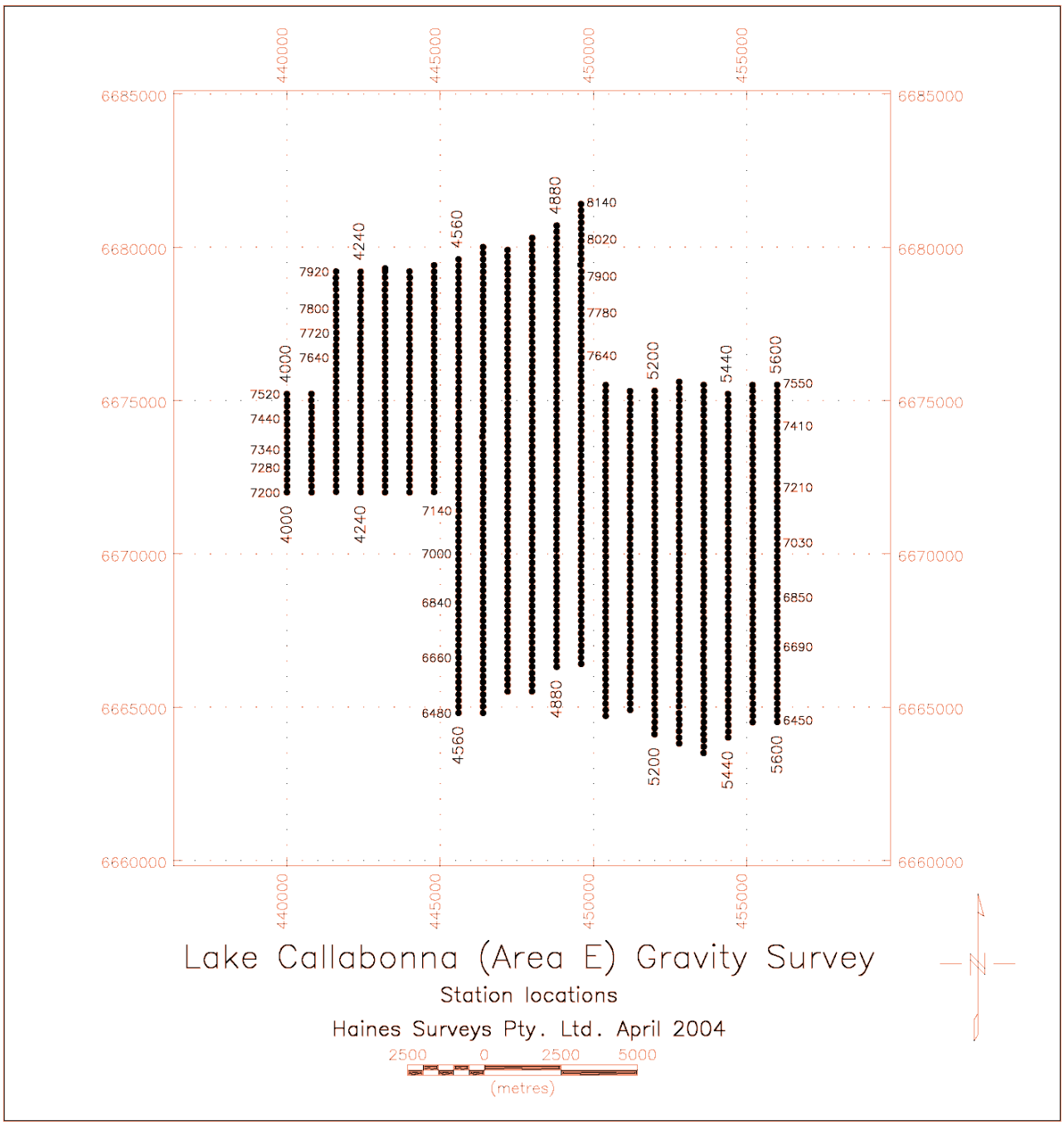

Callabonna (Area D) Elevation/Bouger Comparison
1.
0.
-1.
-2.
BOUGUER - - -
Line 3360

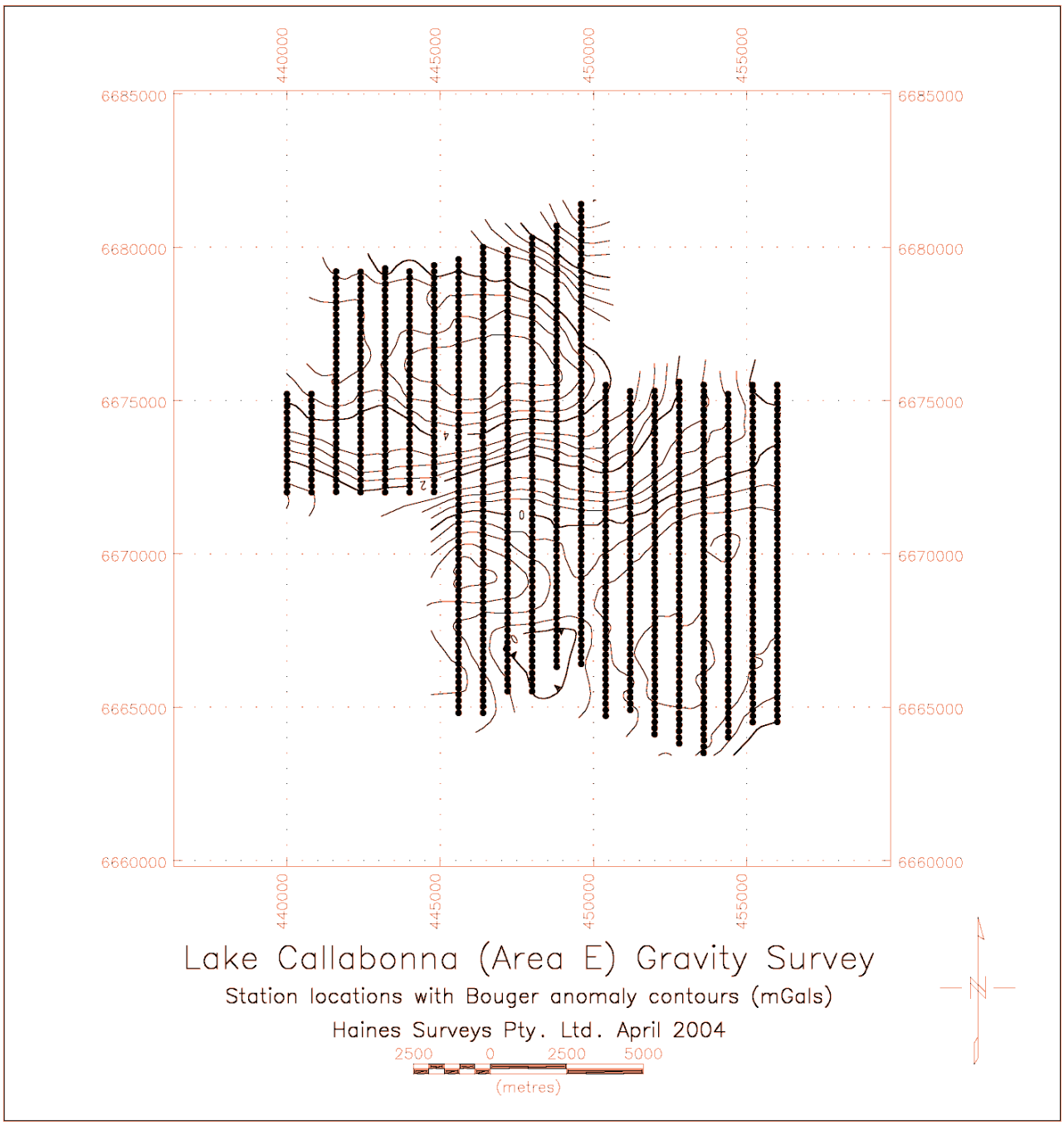

Callabonna (Area D) Elevation/Bouger Comparison
2.
1.
0.
-1.
-2.
BOUGUER - - -
Line 3440

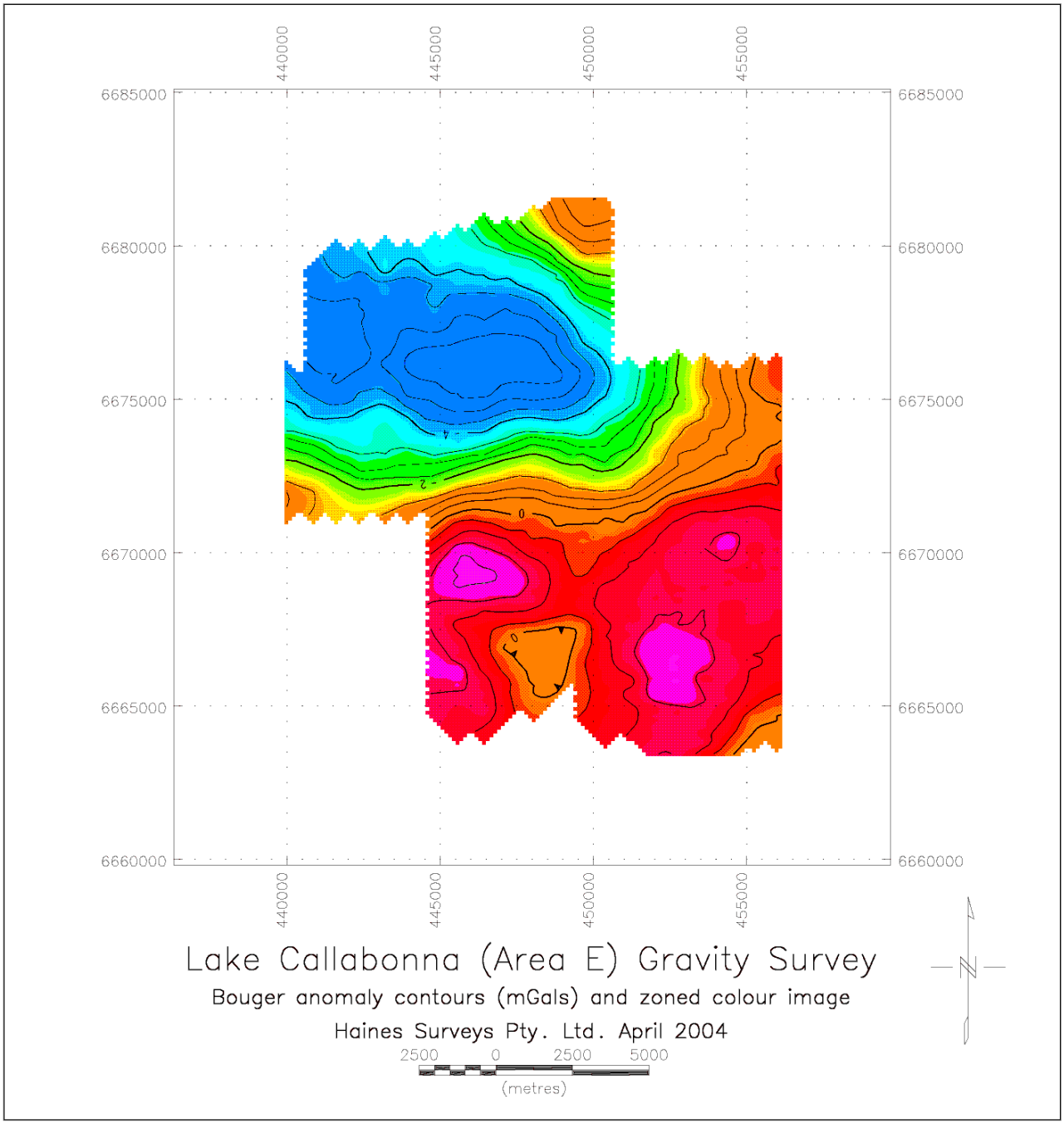

Callabonna (Area D) Elevation/Bouger Comparison
2.
1.
0.
-1.
-2.
BOUGUER - - -
Line 3520

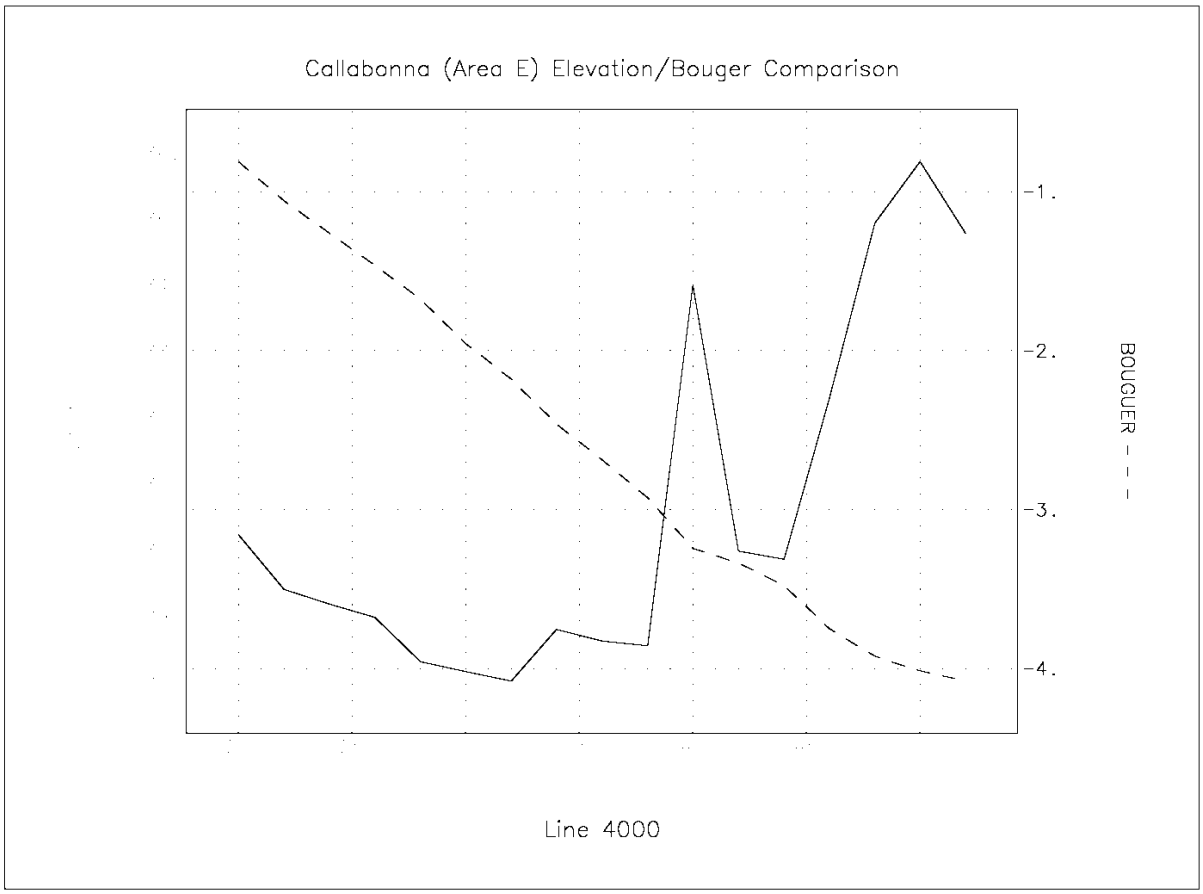

Callabonna (Area D) Elevation/Bouger Comparison
2.1
2.0
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
BOUGUER - - -
Line 3600

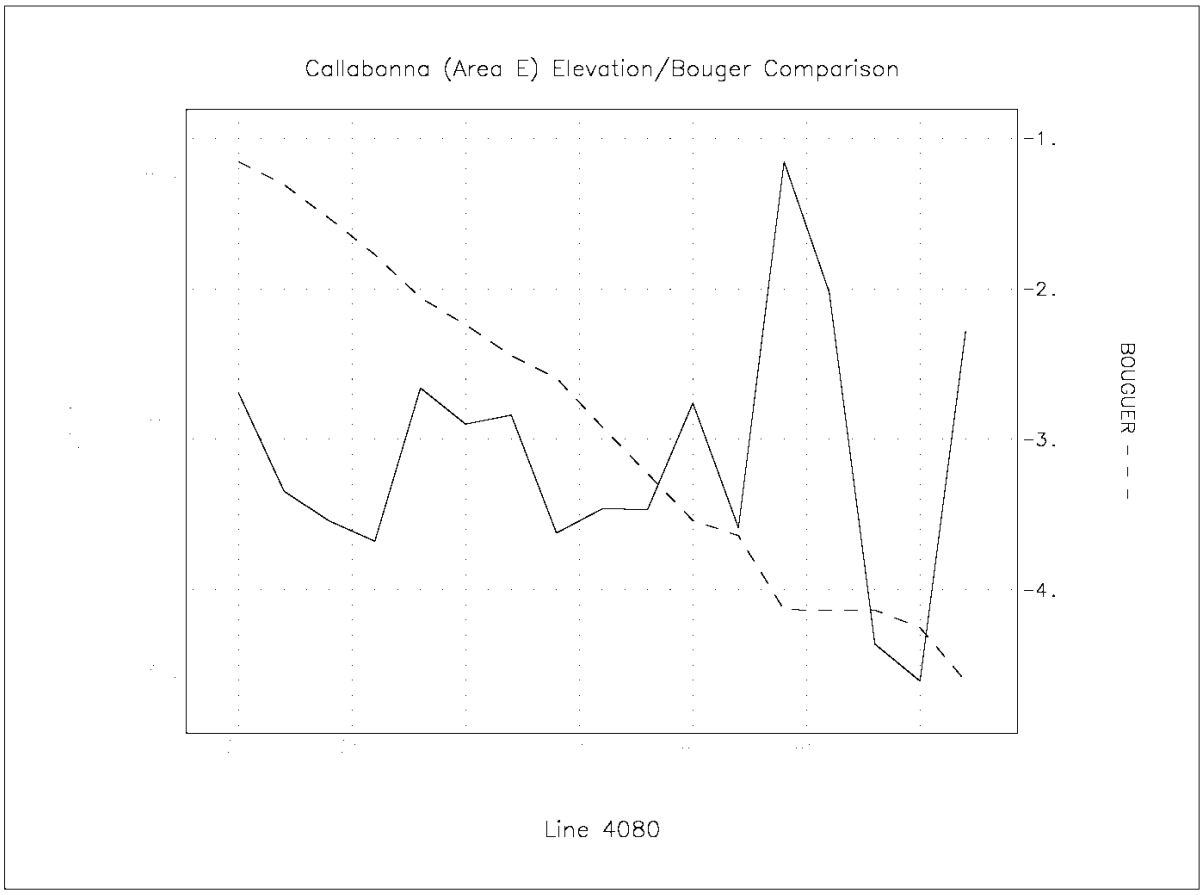

Callabonna (Area D) Elevation/Bouger Comparison
2.2
2.1
2.0
1.9
1.8
1.7
1.6
1.5
1.4
BOUGUER - - -
Line 3680

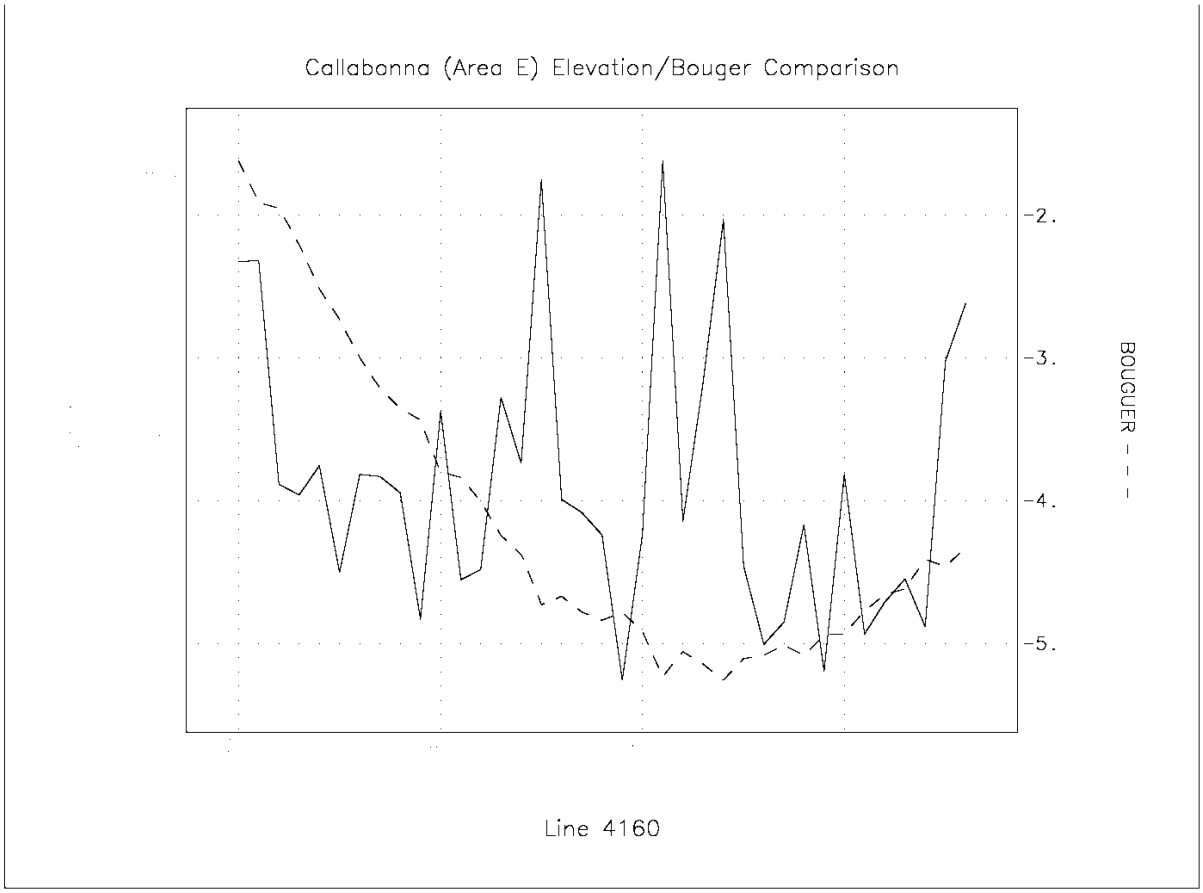

440000
445000
450000
455000
6685000
6680000
6675000
6670000
6665000
6660000
4000
7520
7440
7340
7280
7200
4000
7920
7800
7720
7640
4240
4240
4560
7140
7000
6840
6660
6480
4560
4880
8140
8020
7900
7780
7640
4880
5200
5200
5440
5440
5600
7550
7410
7210
7030
6850
6690
6450
5600
Lake Callabonna (Area E) Gravity Survey
Station locations
Haines Surveys Pty. Ltd. April 2004
2500 0 2500 5000
(metres)

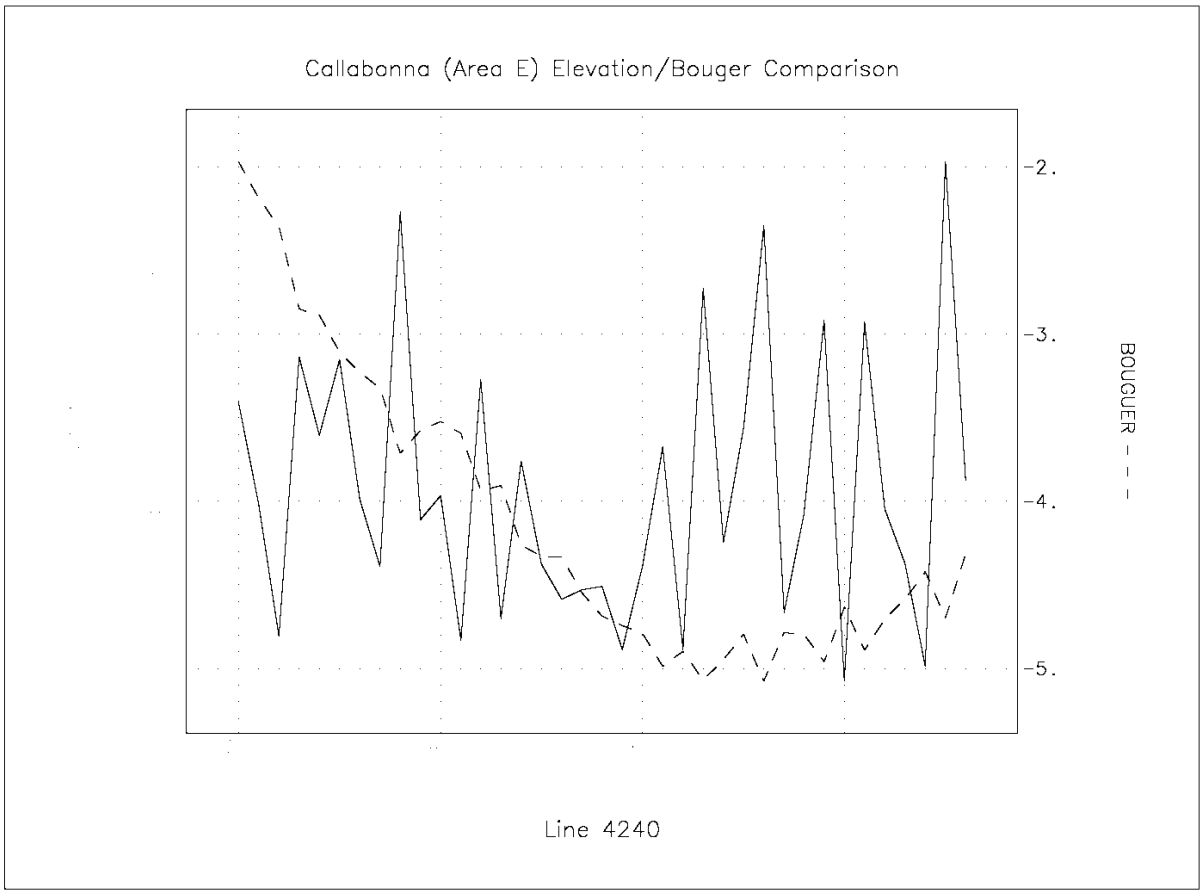

440000
445000
450000
455000
6685000
6680000
6675000
6670000
6665000
6660000
Lake Callabonna (Area E) Gravity Survey
Station locations with Bouger anomaly contours (mGals)
Haines Surveys Pty. Ltd. April 2004
2500 0 2500 5000
(metres)

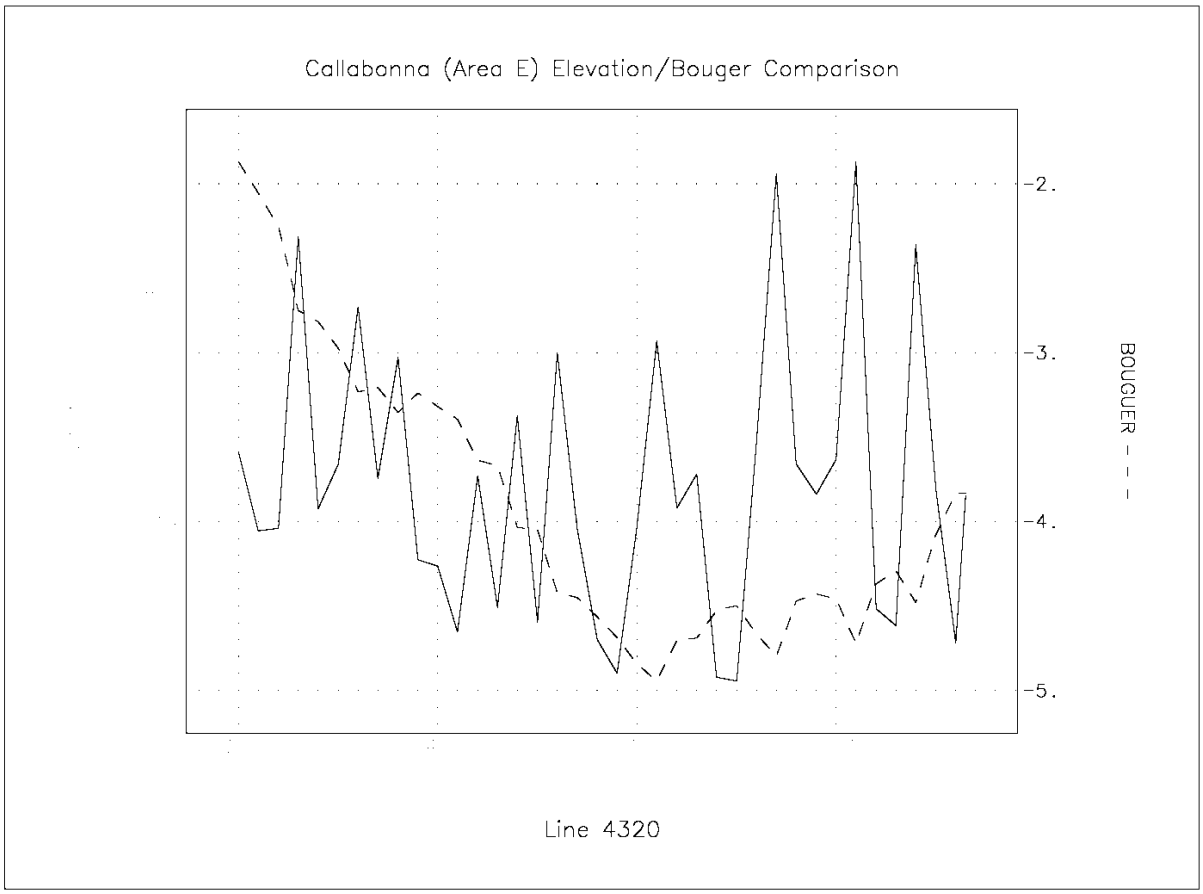

440000
445000
450000
455000
6685000
6680000
6675000
6670000
6665000
6660000
Lake Callabonna (Area E) Gravity Survey
Bouger anomaly contours (mGals) and zoned colour image
Haines Surveys Pty. Ltd. April 2004
2500 0 2500 5000
(metres)

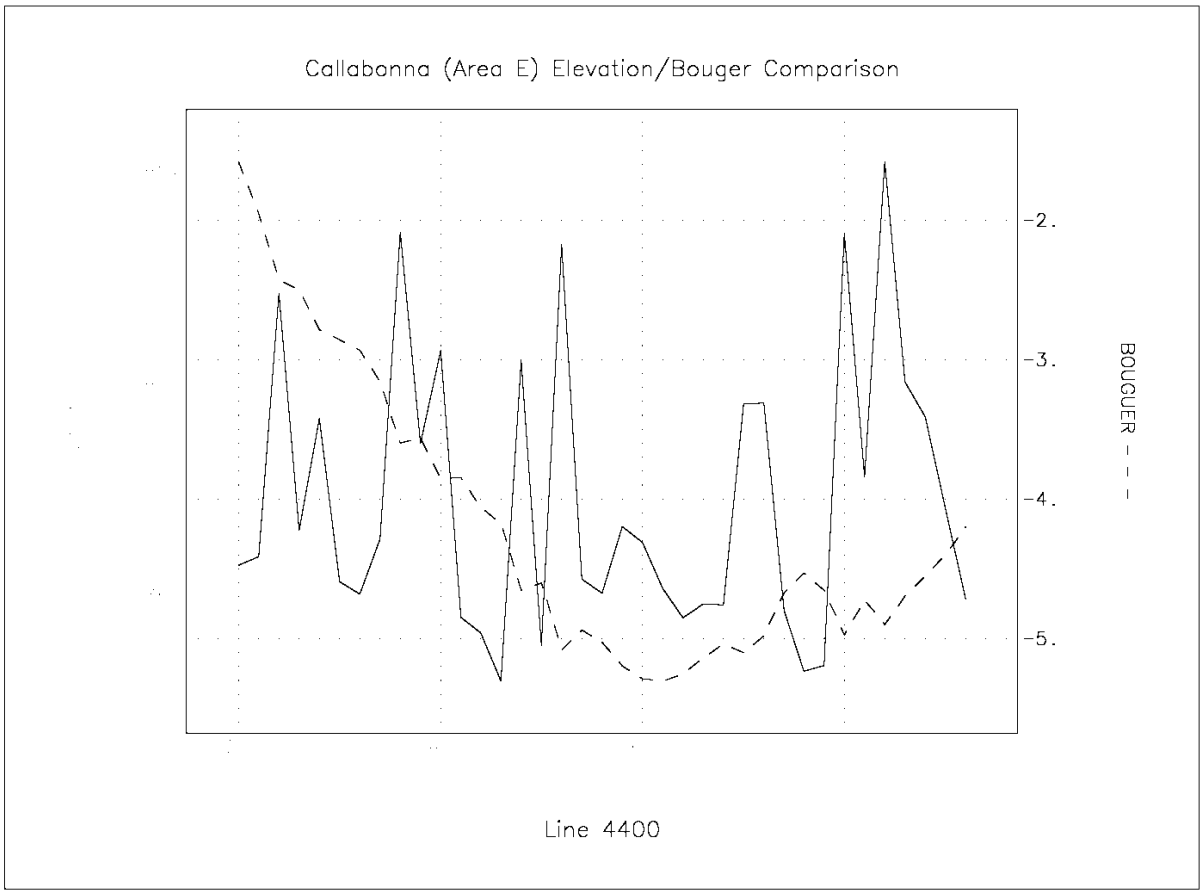

Callabonna (Area E) Elevation/Bouger Comparison
-1.
-2.
-3.
-4.
BOUGUER - - -
Line 4000

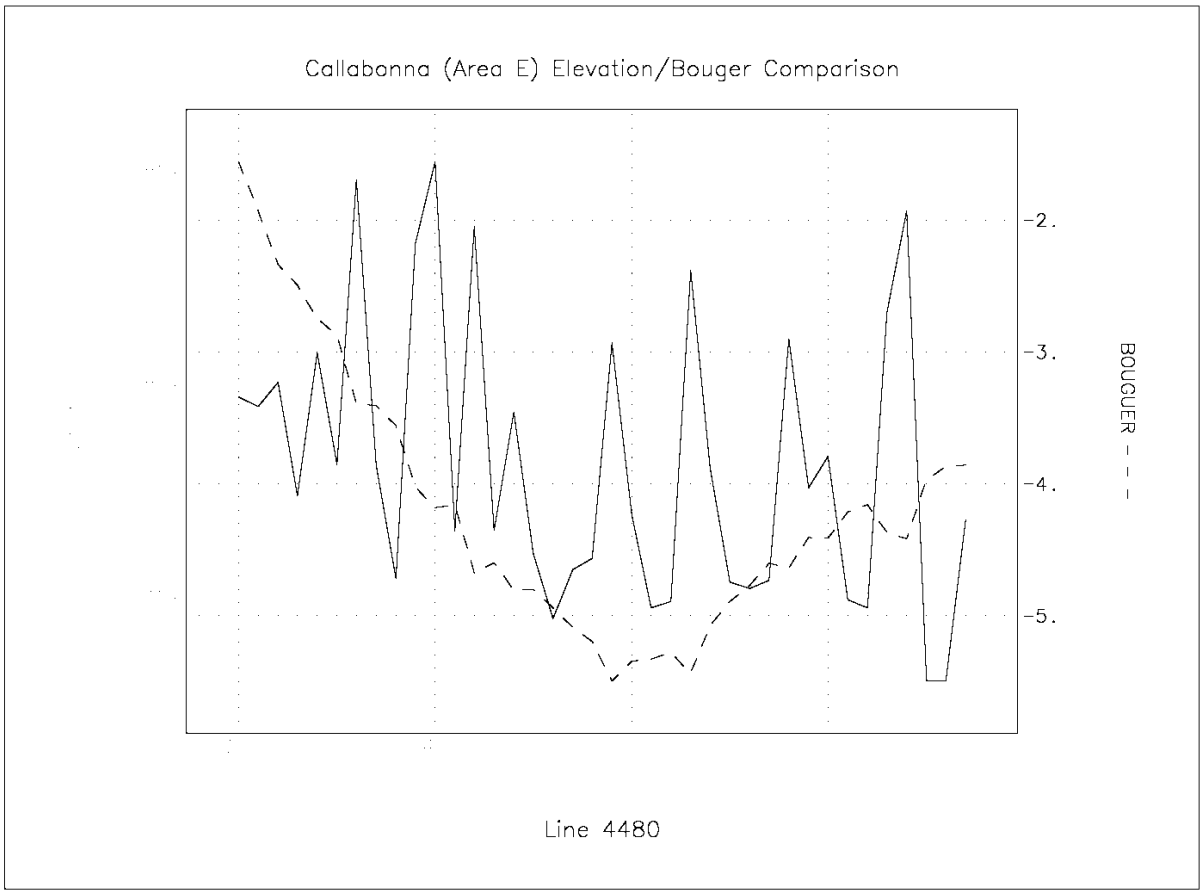

Callabonna (Area E) Elevation/Bouger Comparison
-1.
-2.
-3.
-4.
BOUGUER - - -
Line 4080

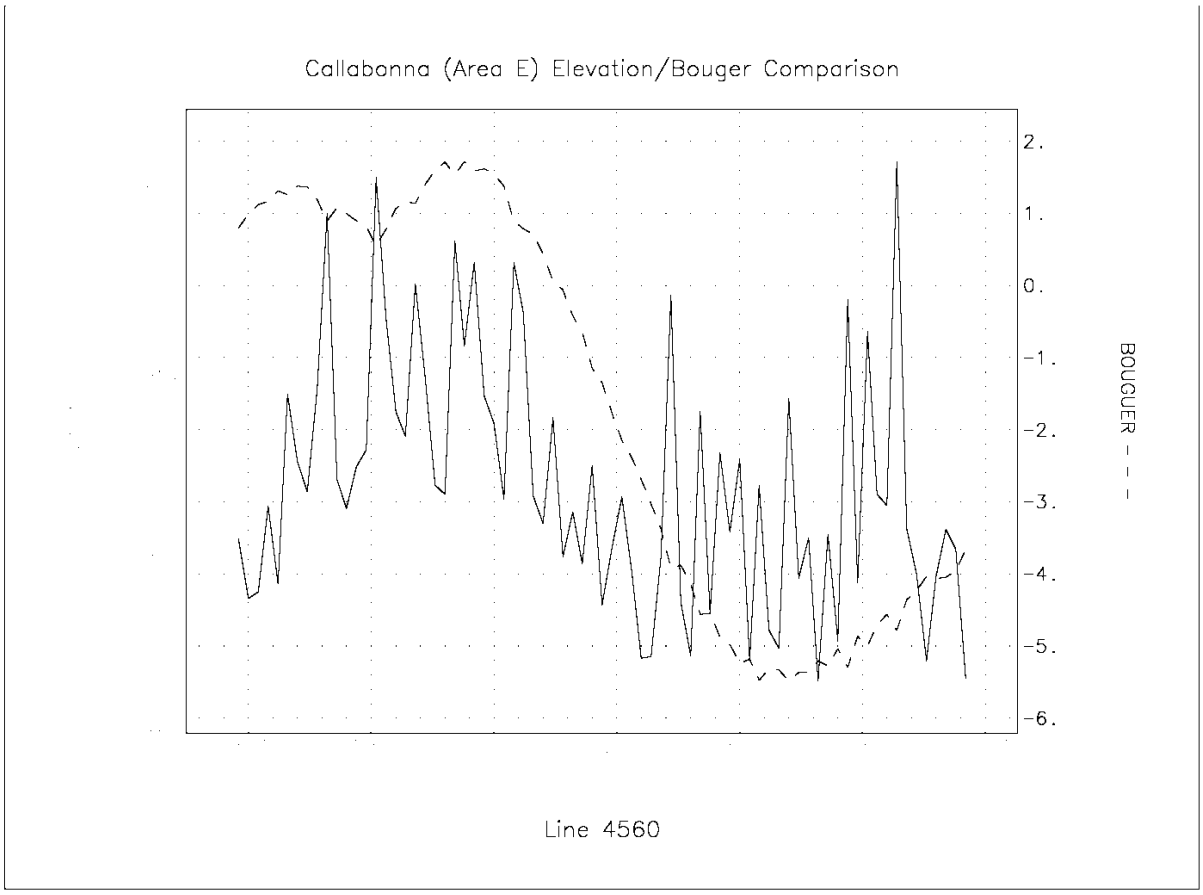

Callabonna (Area E) Elevation/Bouger Comparison
-2.
-3.
-4.
-5.
BOUGUER - - -
Line 4160

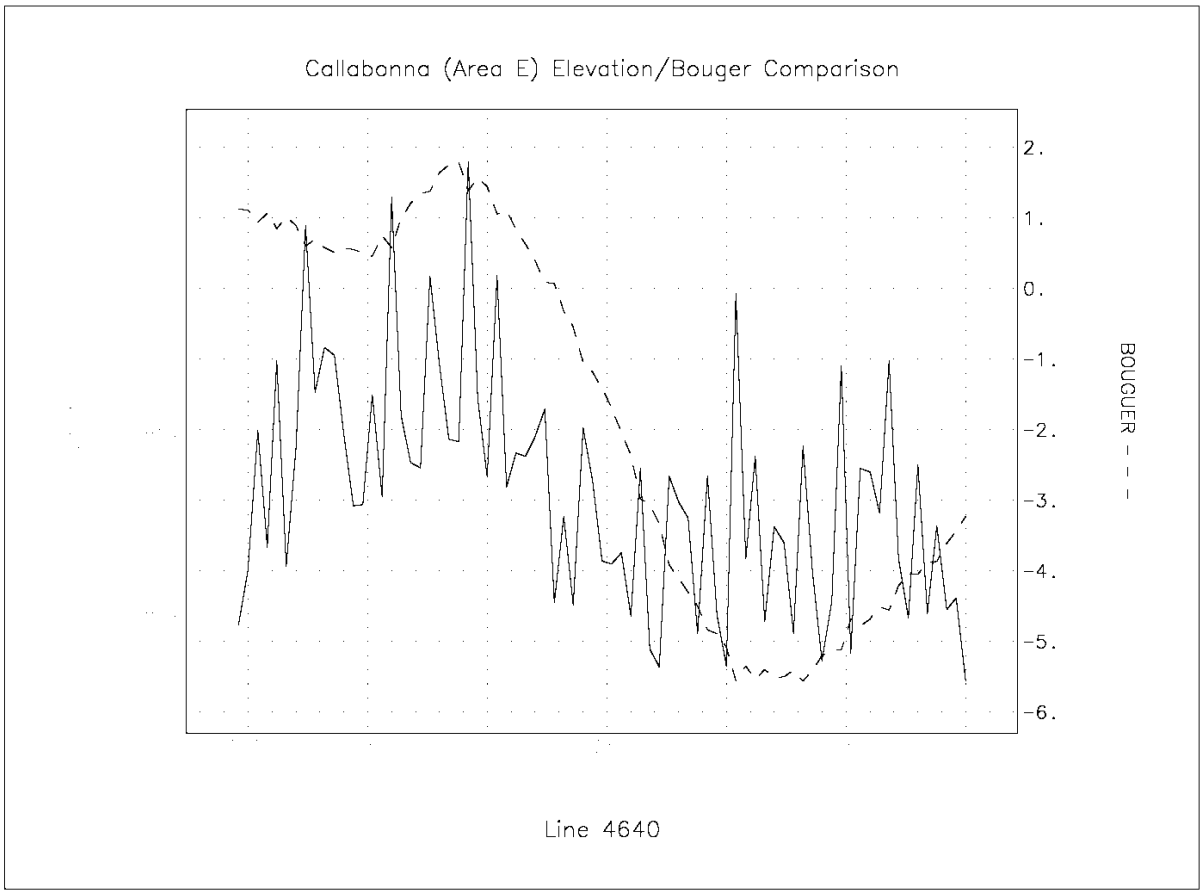

Callabonna (Area E) Elevation/Bouger Comparison
-2.
-3.
-4.
-5.
BOUGUER - - -
Line 4240

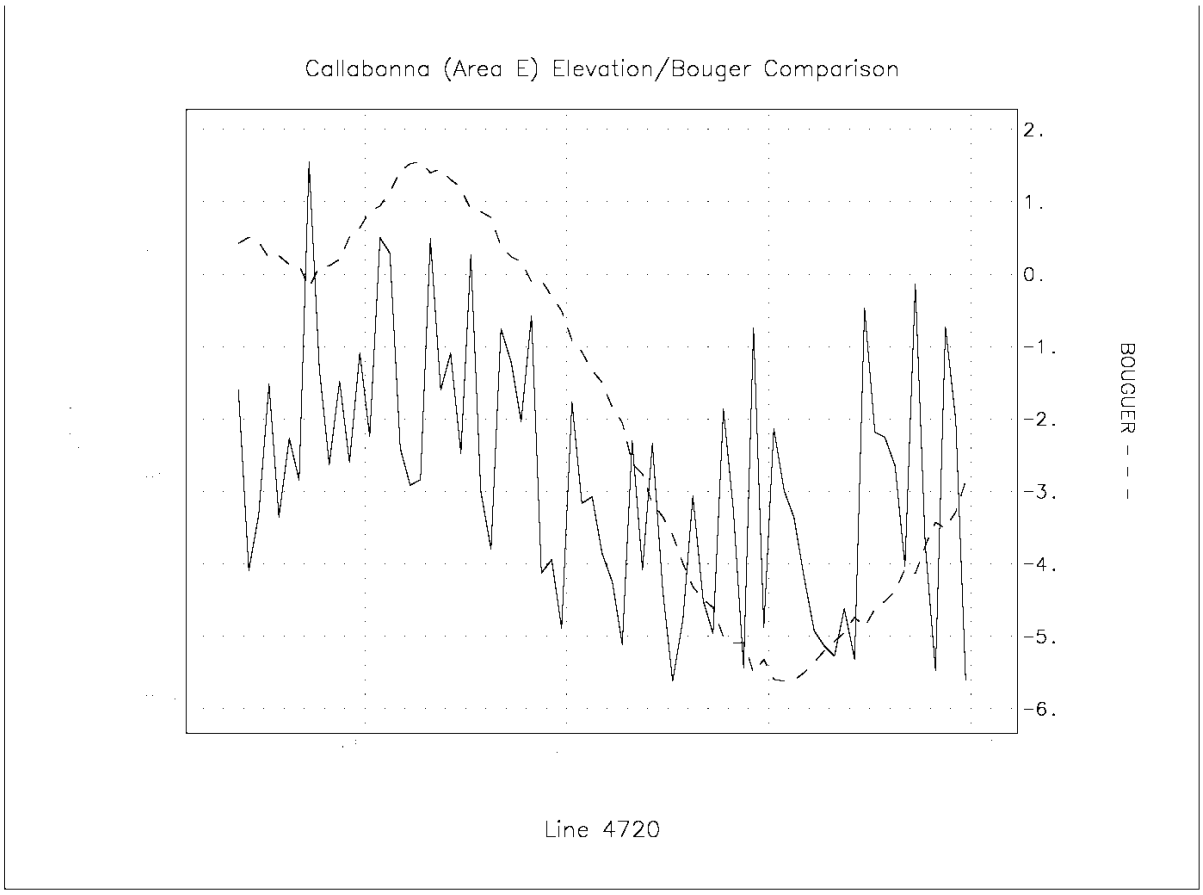

Callabonna (Area E) Elevation/Bouger Comparison
-2.
-3.
-4.
-5.
BOUGUER - - -
Line 4320

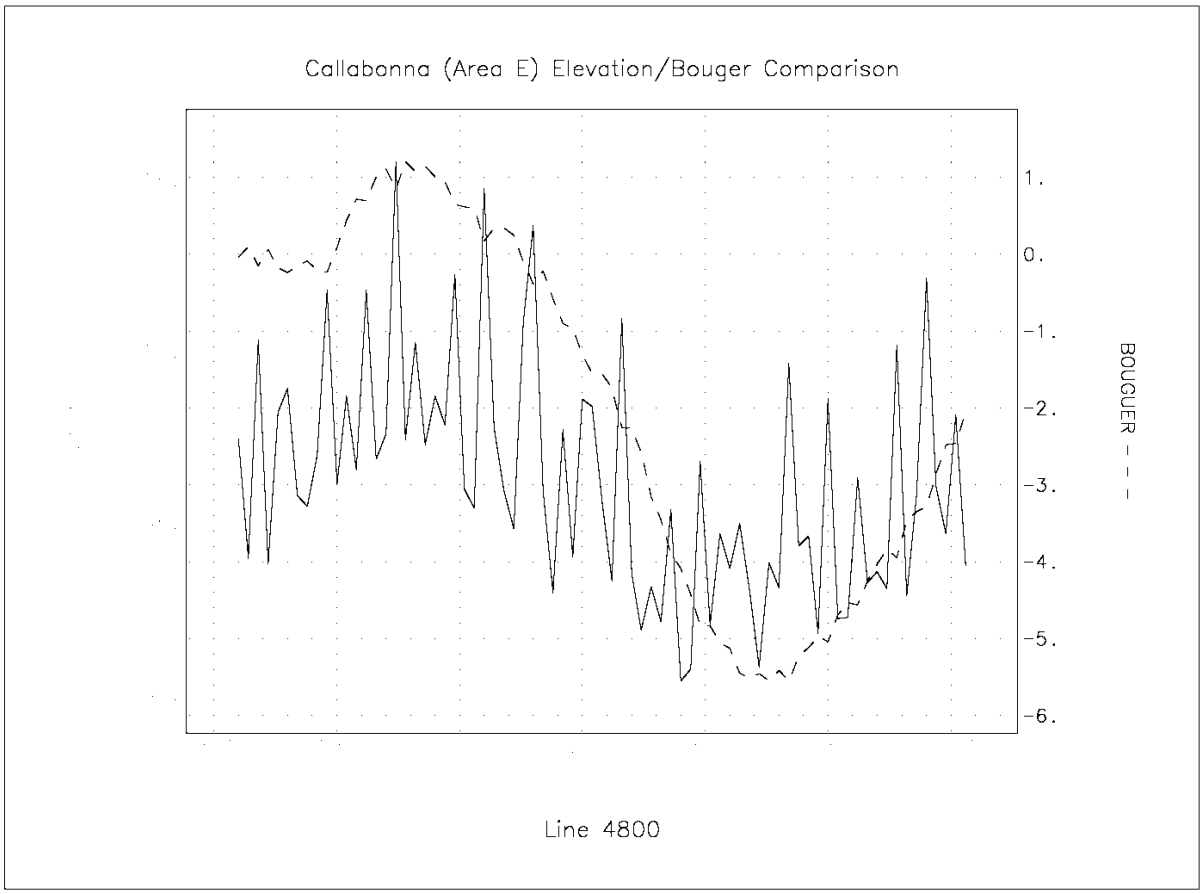

Callabonna (Area E) Elevation/Bouger Comparison
-2.
-3.
-4.
-5.
BOUGUER - - -
Line 4400

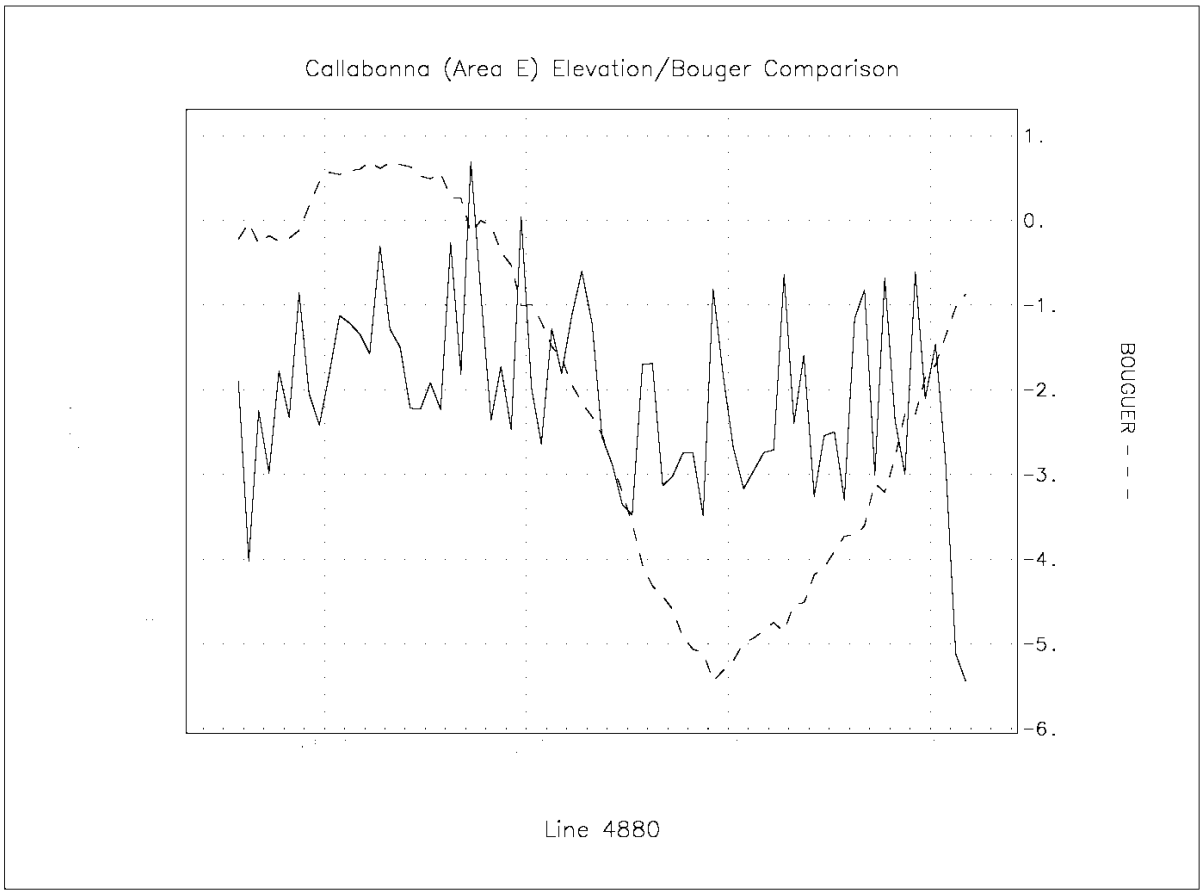

Callabonna (Area E) Elevation/Bouger Comparison
-2.
-3.
-4.
-5.
BOUGUER - - -
Line 4480

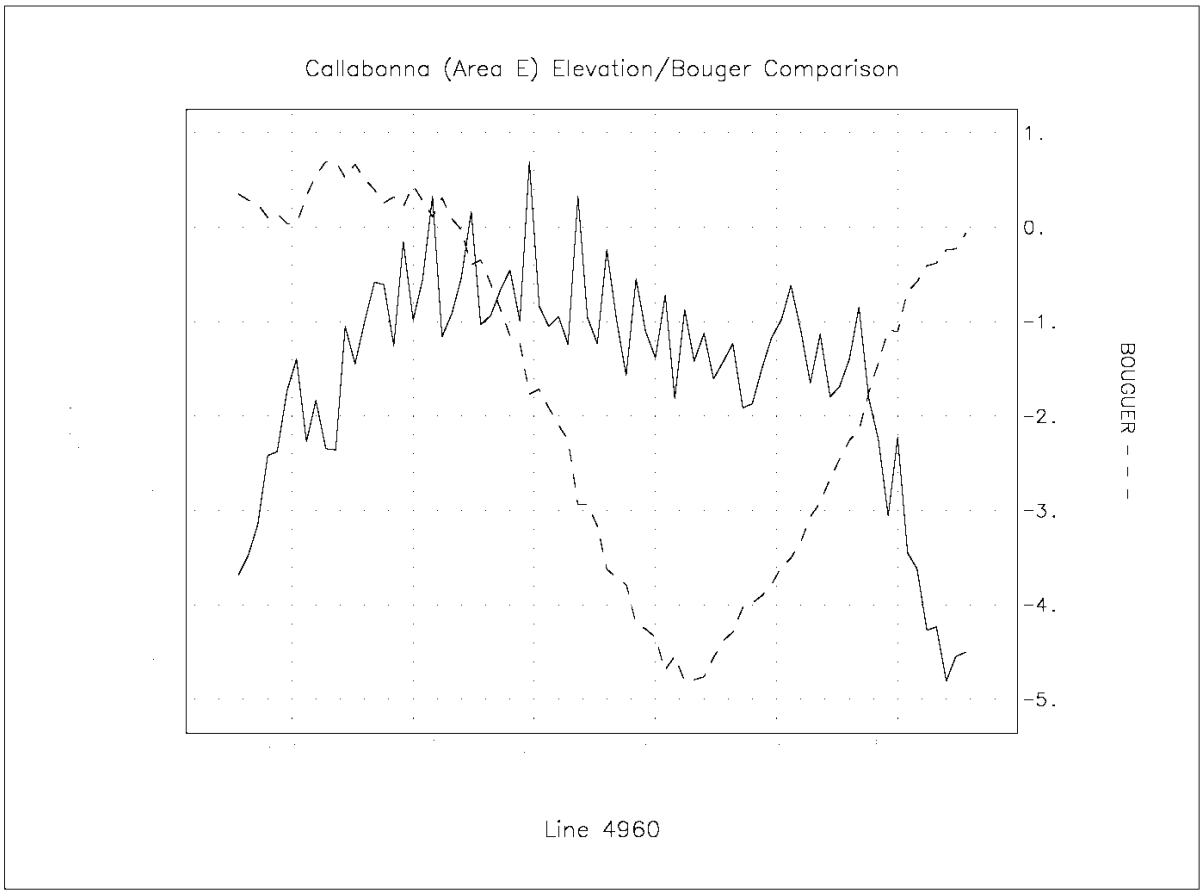

Callabonna (Area E) Elevation/Bouger Comparison
2.
1.
0.
-1.
-2.
-3.
-4.
-5.
-6.
BOUGUER - - -
Line 4560

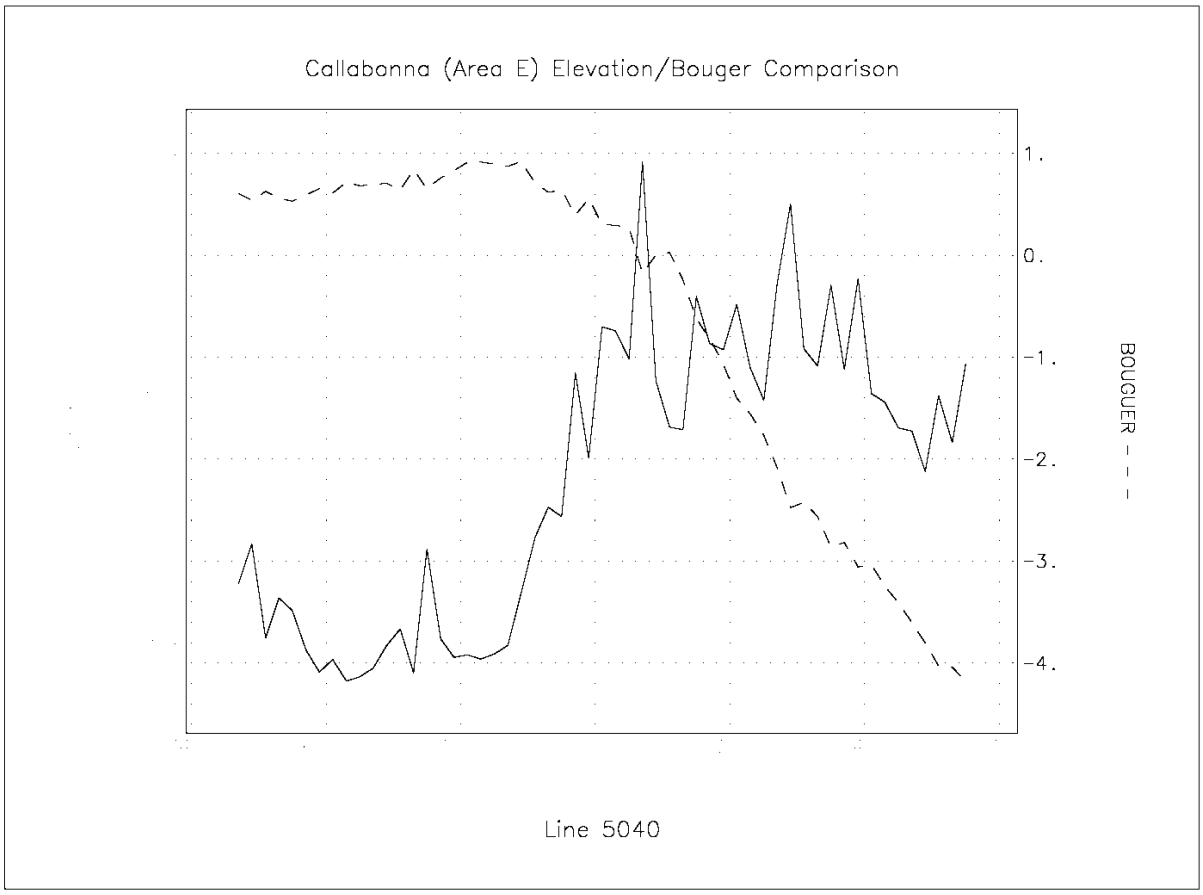

Callabonna (Area E) Elevation/Bouger Comparison
2.
1.
0.
-1.
-2.
-3.
-4.
-5.
-6.
BOUGUER - - -
Line 4640

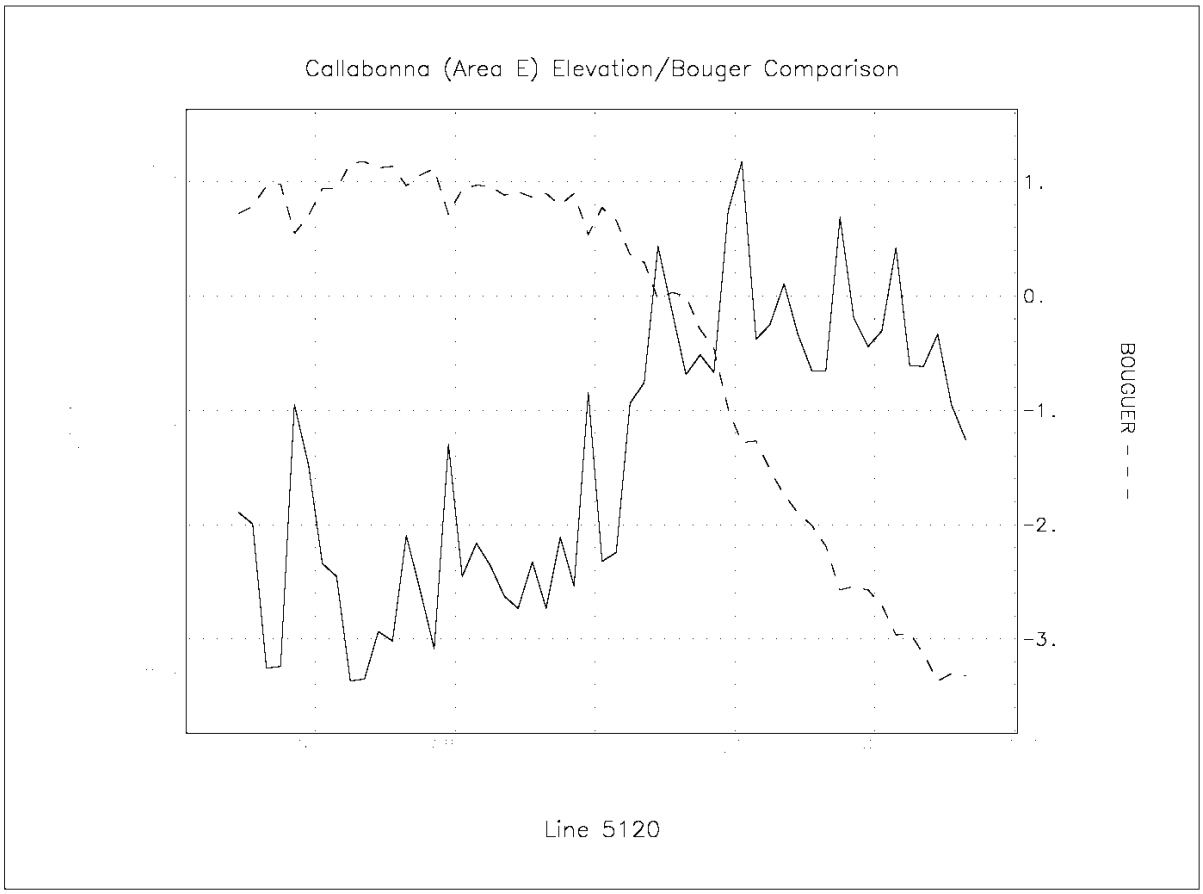

Callabonna (Area E) Elevation/Bouger Comparison
2.
1.
0.
-1.
-2.
-3.
-4.
-5.
-6.
BOUGUER - - -
Line 4720

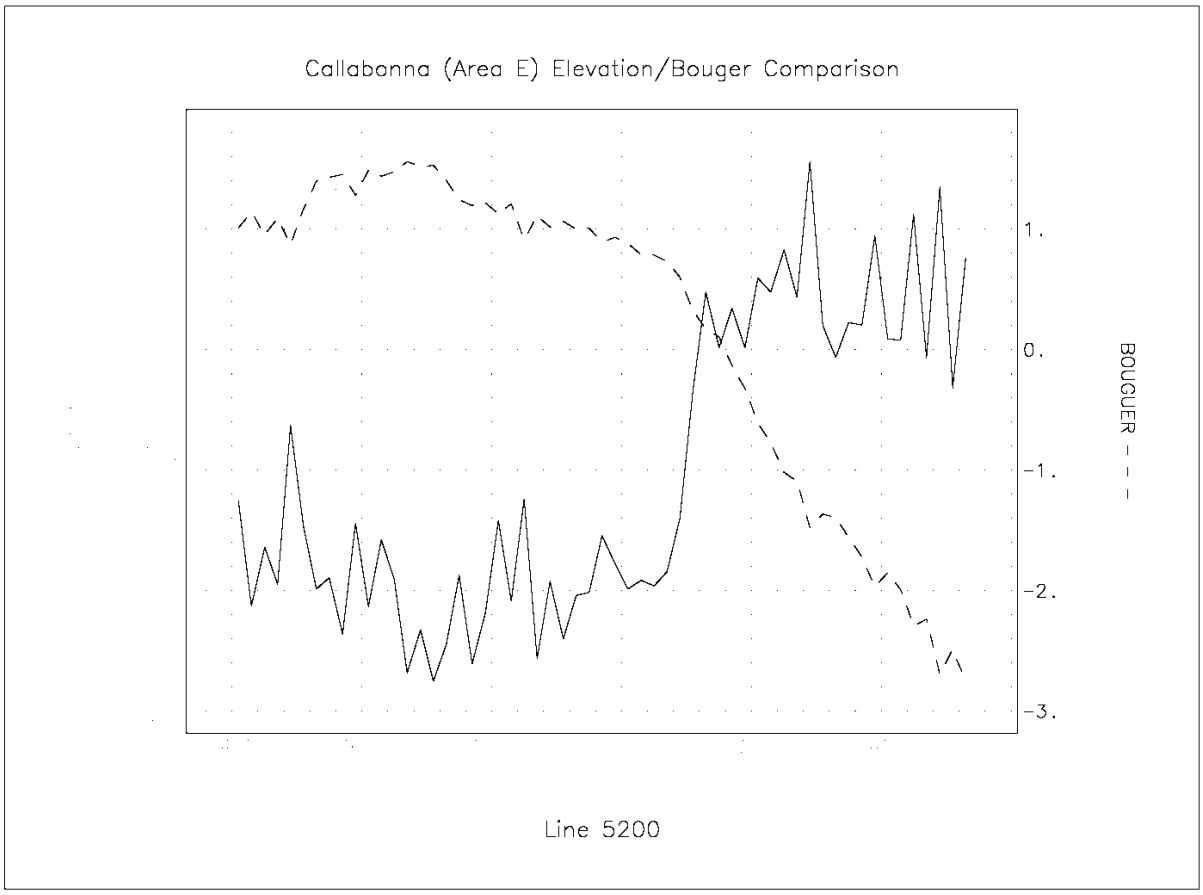

Callabonna (Area E) Elevation/Bouger Comparison
1.
0.
-1.
-2.
-3.
-4.
-5.
-6.
BOUGUER - - -
Line 4800

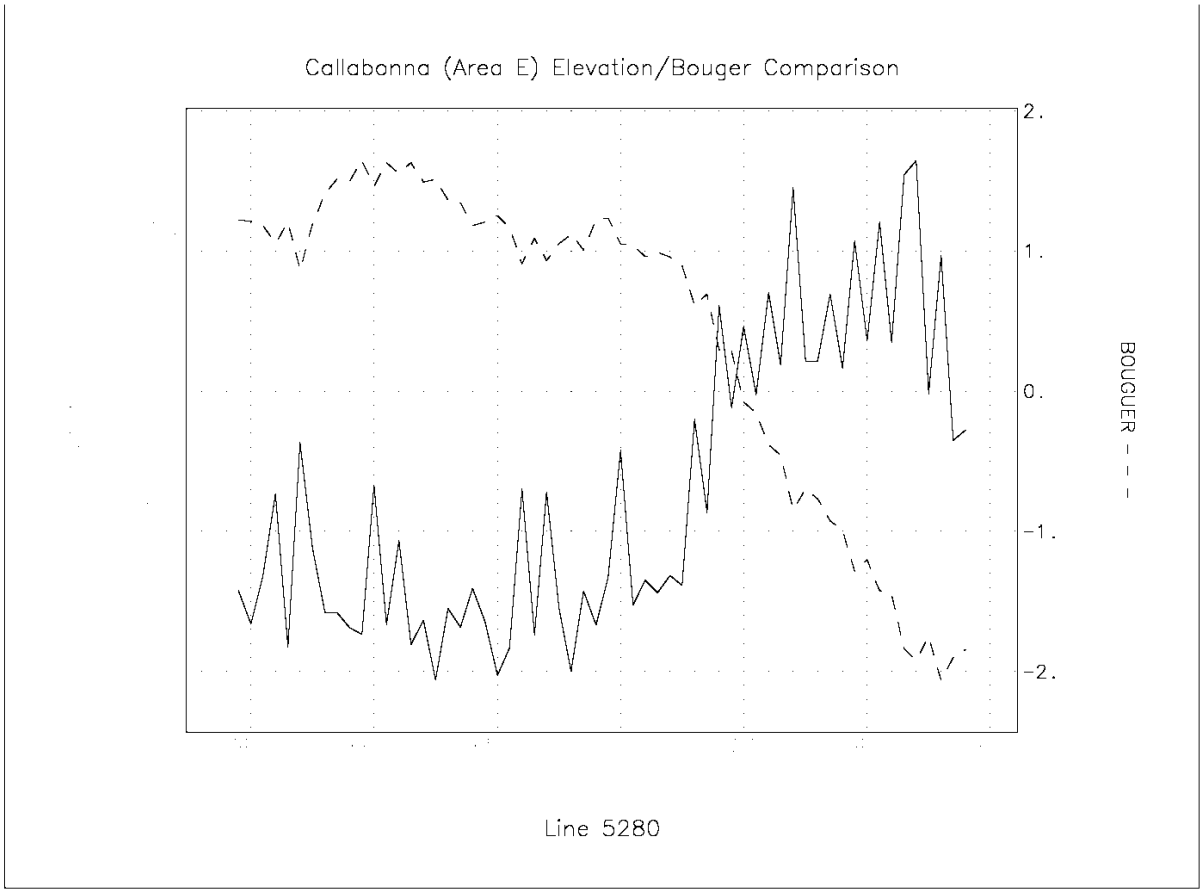

Callabonna (Area E) Elevation/Bouger Comparison
1.
0.
-1.
-2.
-3.
-4.
-5.
-6.
BOUGUER - - -
Line 4880

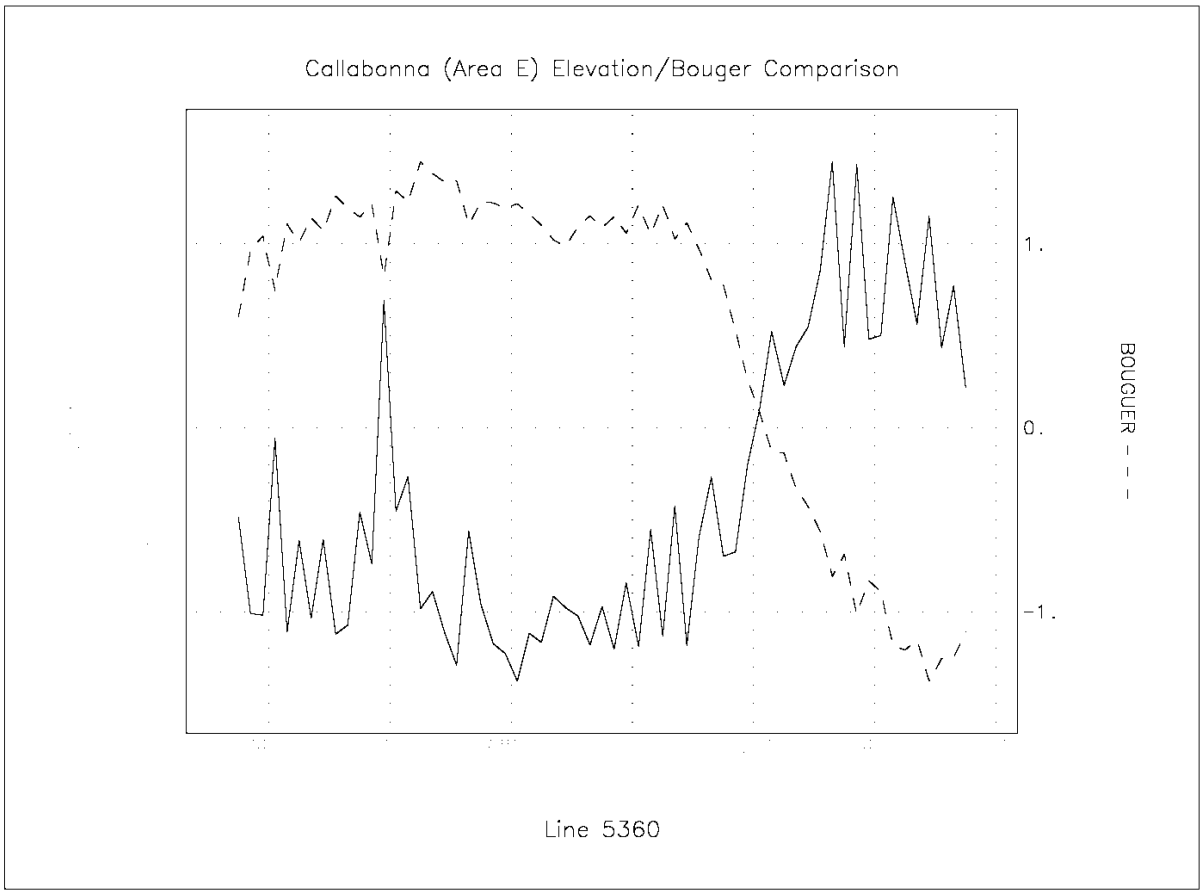

Callabonna (Area E) Elevation/Bouger Comparison
1.
0.
-1.
-2.
-3.
-4.
-5.
BOUGUER - - -
Line 4960

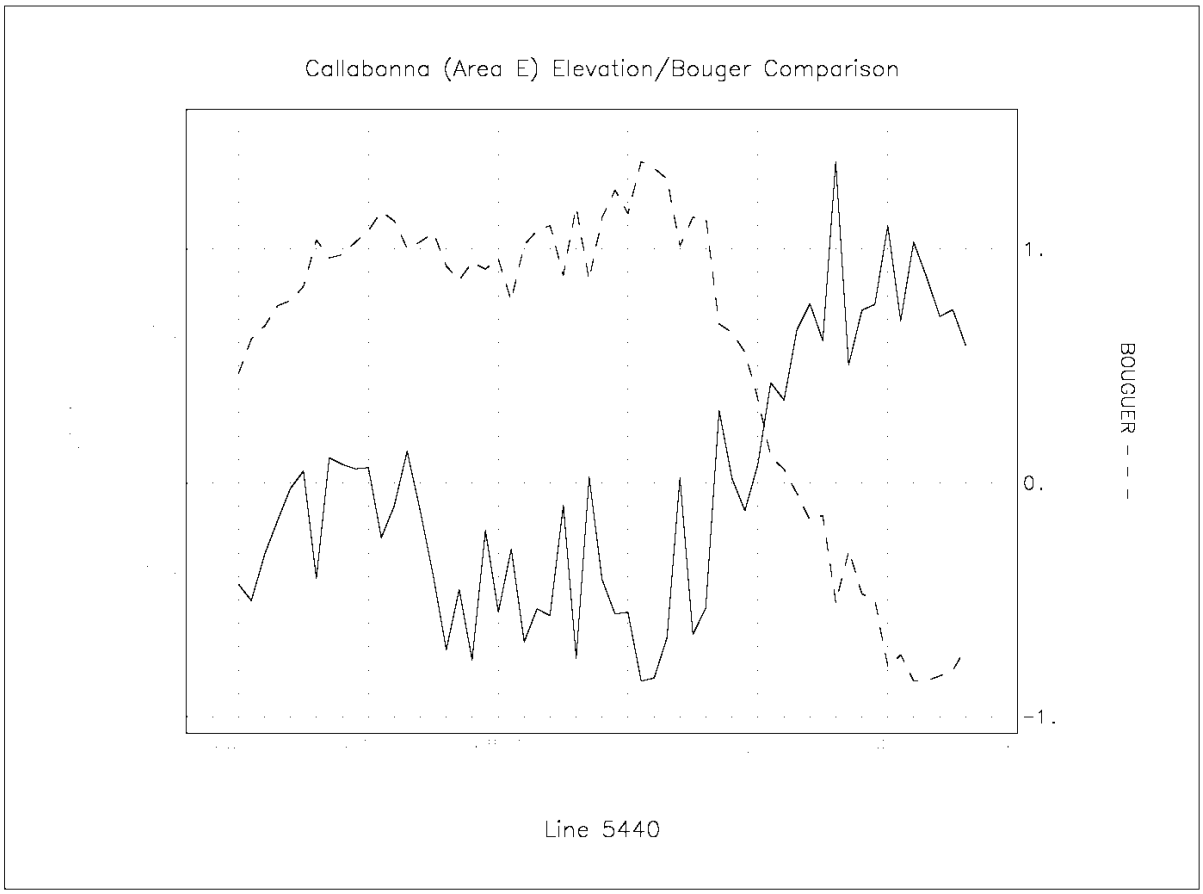

Callabonna (Area E) Elevation/Bouger Comparison
1.
0.
-1.
-2.
-3.
-4.
BOUGUER - - -
Line 5040

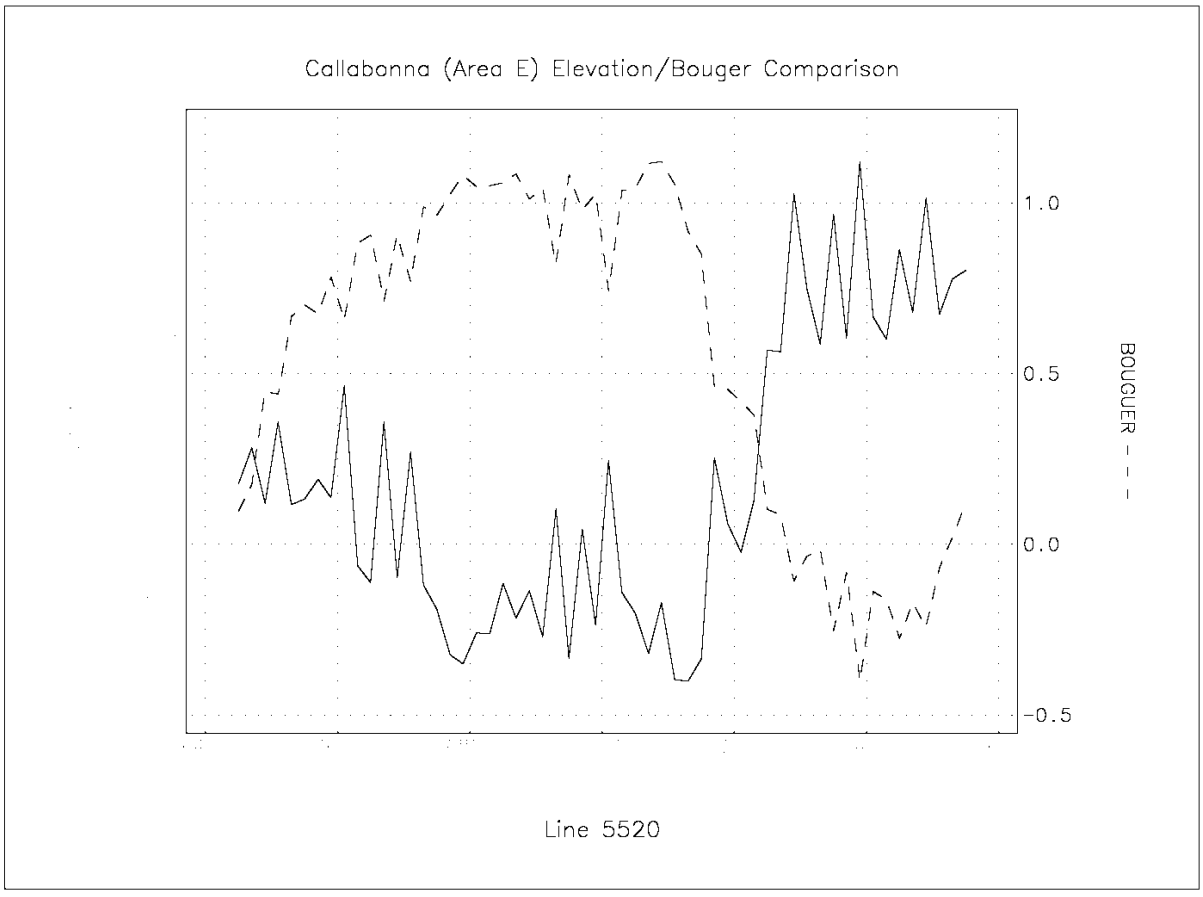

Callabonna (Area E) Elevation/Bouger Comparison
1.
0.
-1.
-2.
-3.
BOUGUER - - -
Line 5120

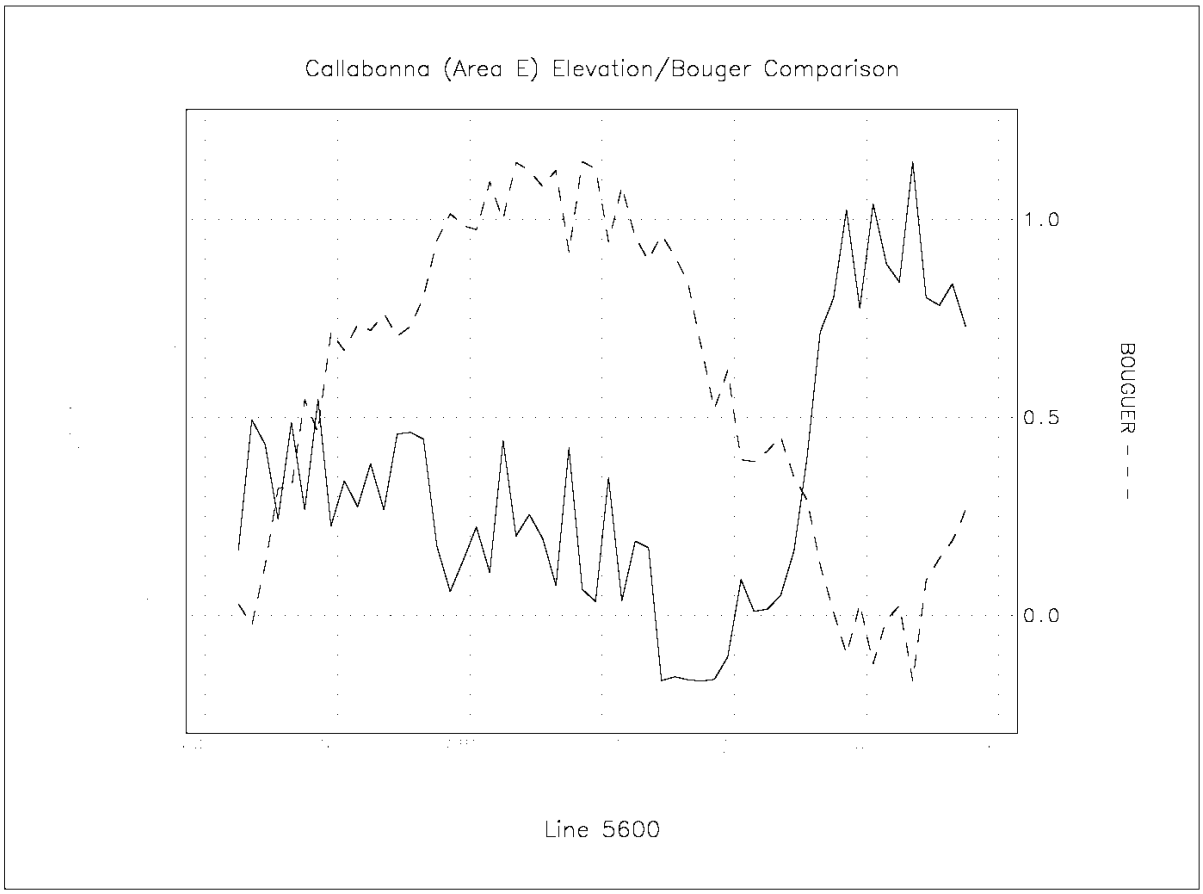

Callabonna (Area E) Elevation/Bouger Comparison
1.
0.
-1.
-2.
-3.
BOUGUER - - -
Line 5200

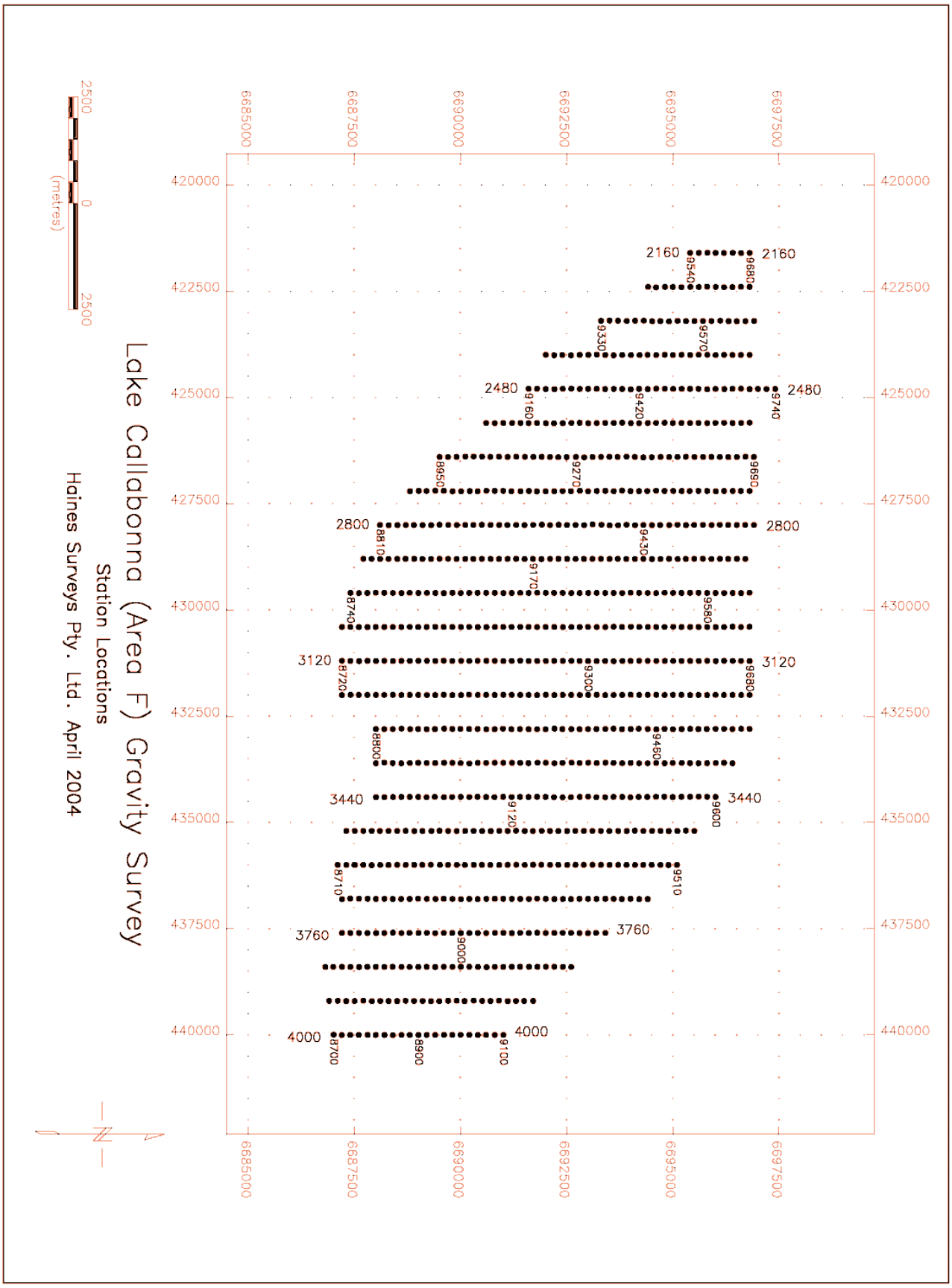

Callabonna (Area E) Elevation/Bouger Comparison
2.
1.
0.
-1.
-2.
BOUGUER - - -
Line 5280

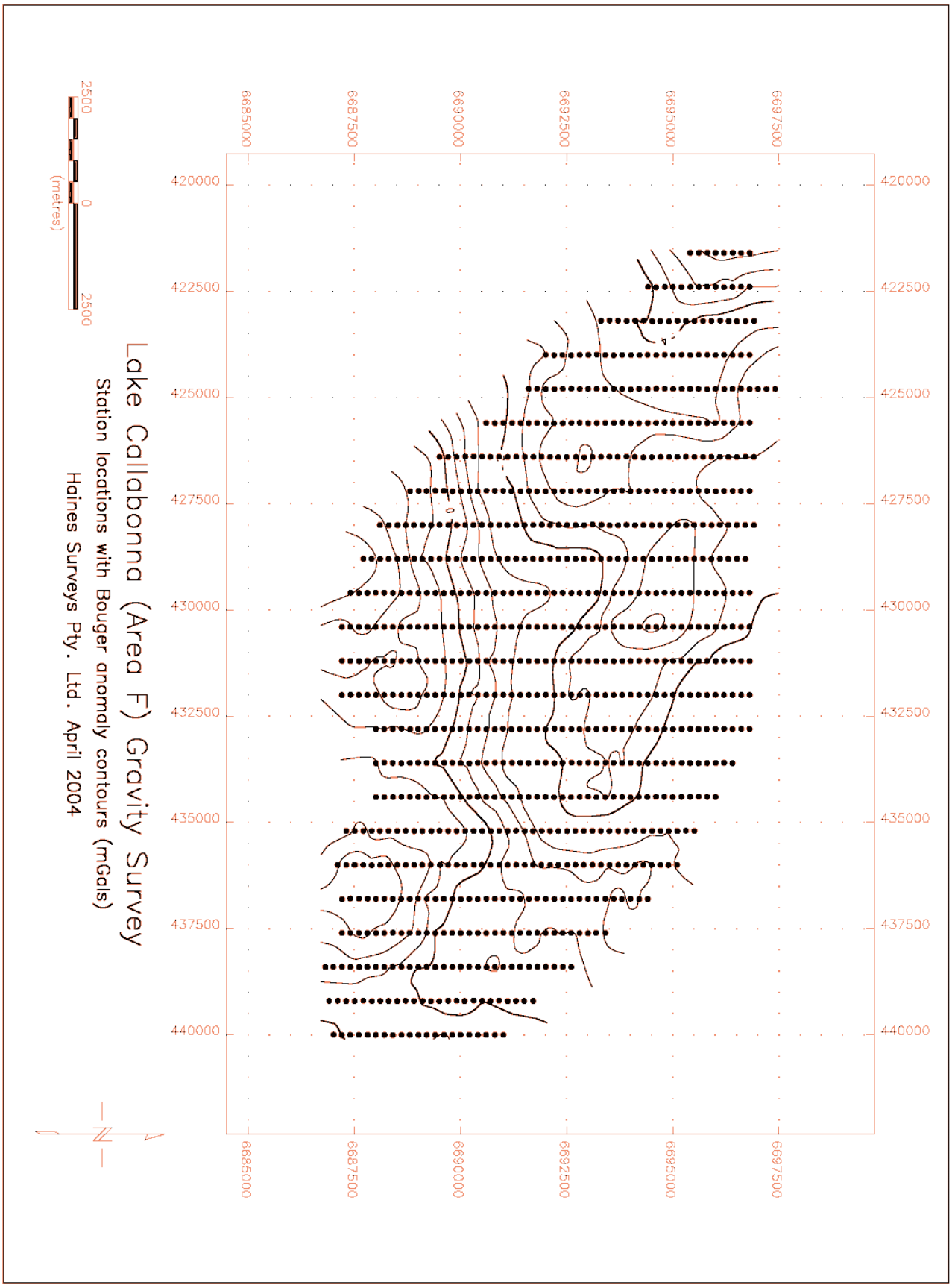

Callabonna (Area E) Elevation/Bouger Comparison
1.
0.
-1.
BOUGUER - - -
Line 5360

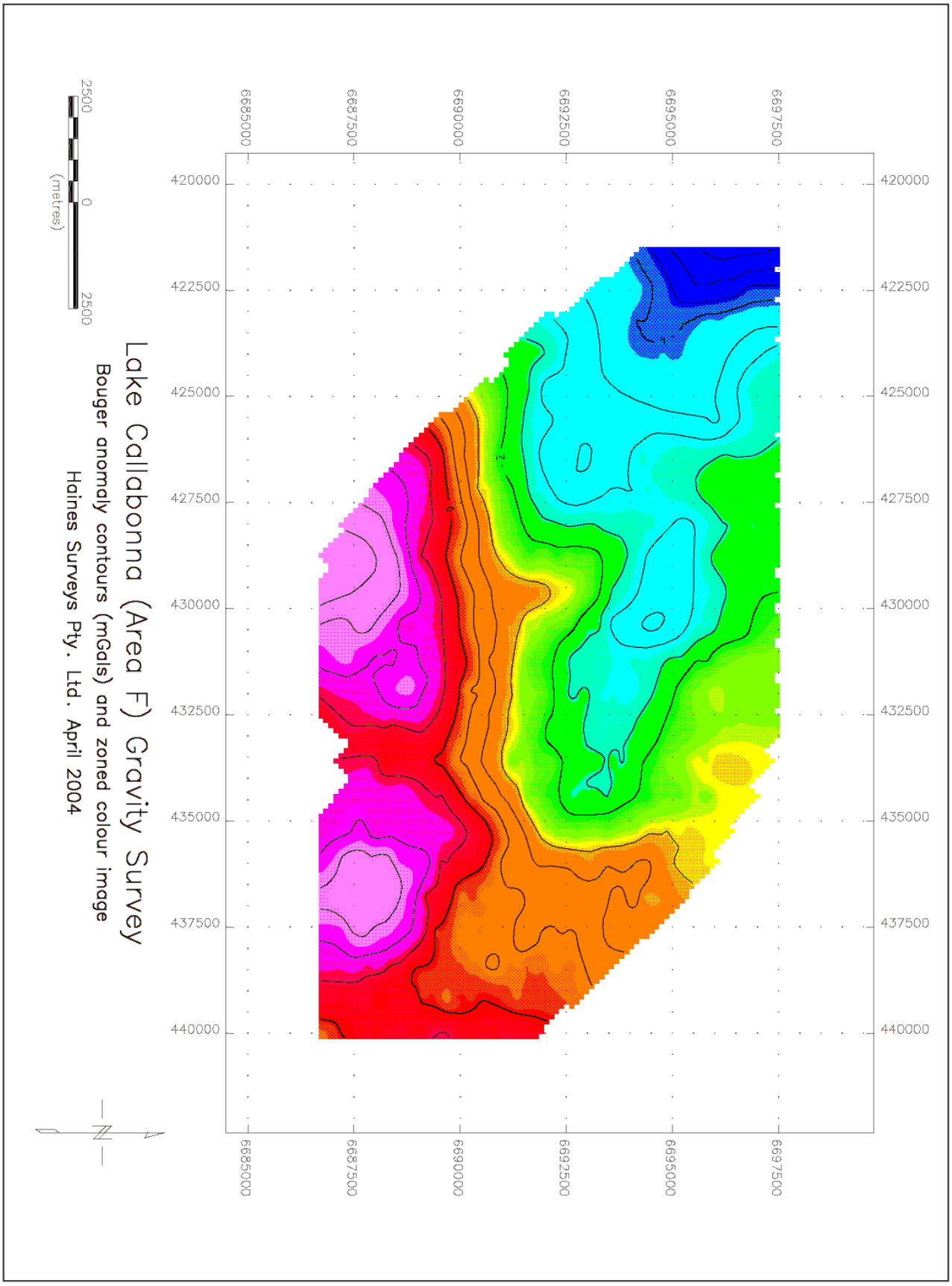

Callabonna (Area E) Elevation/Bouger Comparison
1.
0.
-1.
BOUGUER - - -
Line 5440

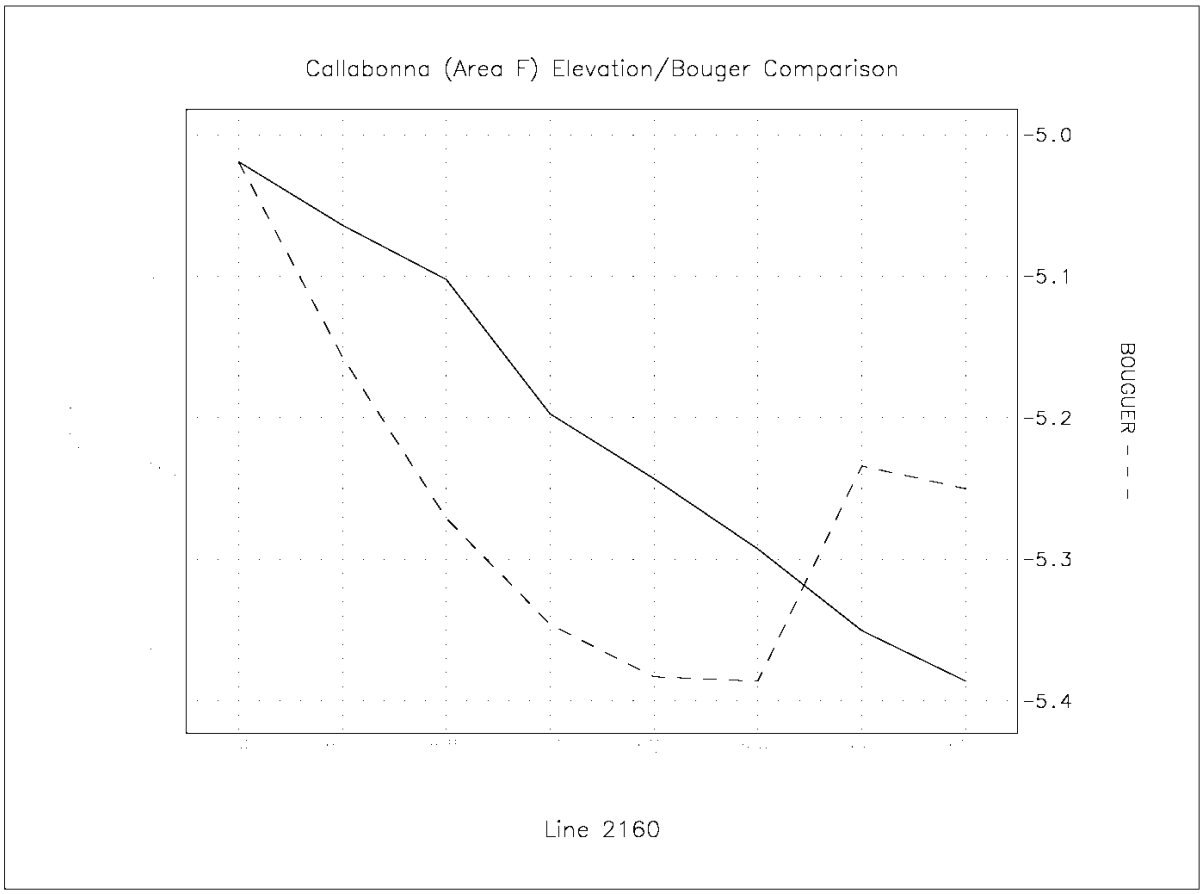

Callabonna (Area E) Elevation/Bouger Comparison
1.0
0.5
0.0
-0.5
BOUGUER - - -
Line 5520

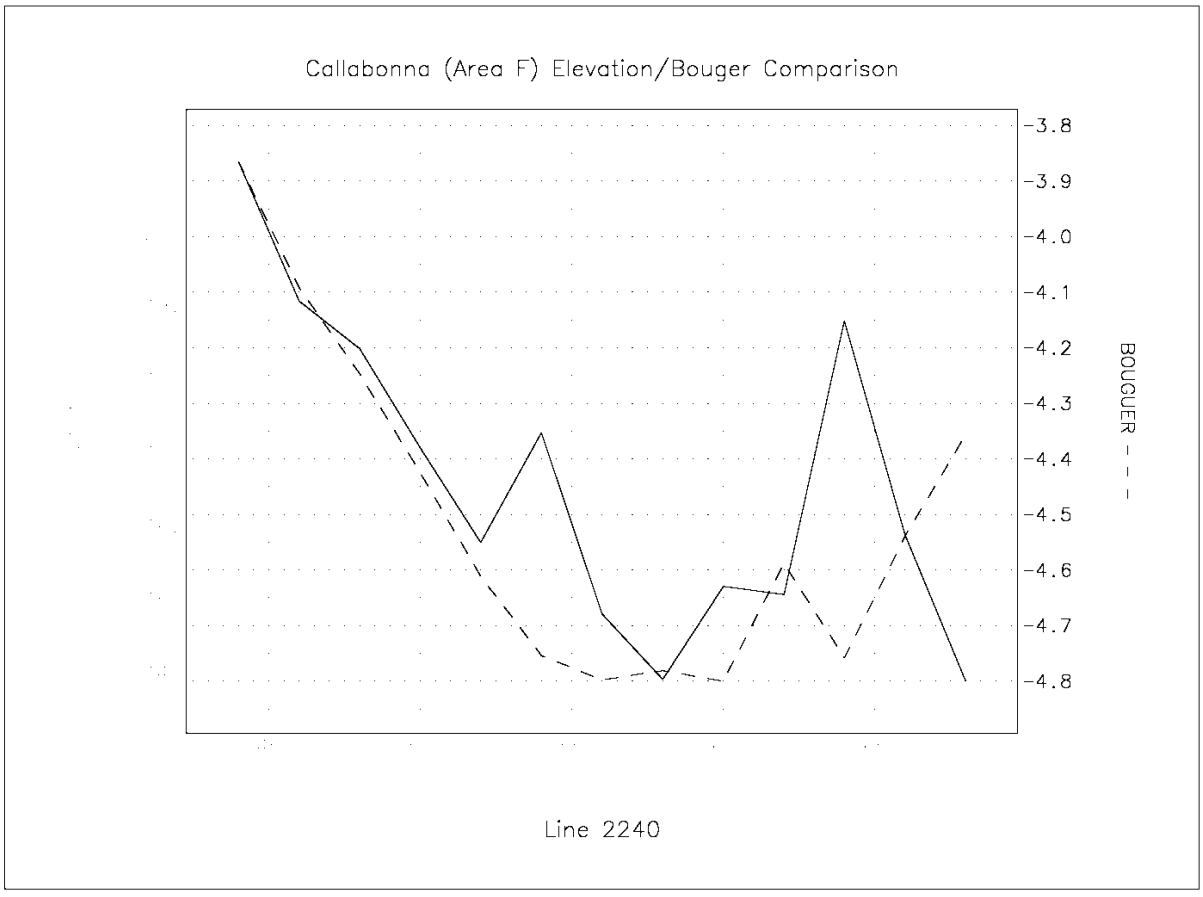

Callabonna (Area E) Elevation/Bouger Comparison
1.0
0.5
0.0
BOUGUER - - -
Line 5600

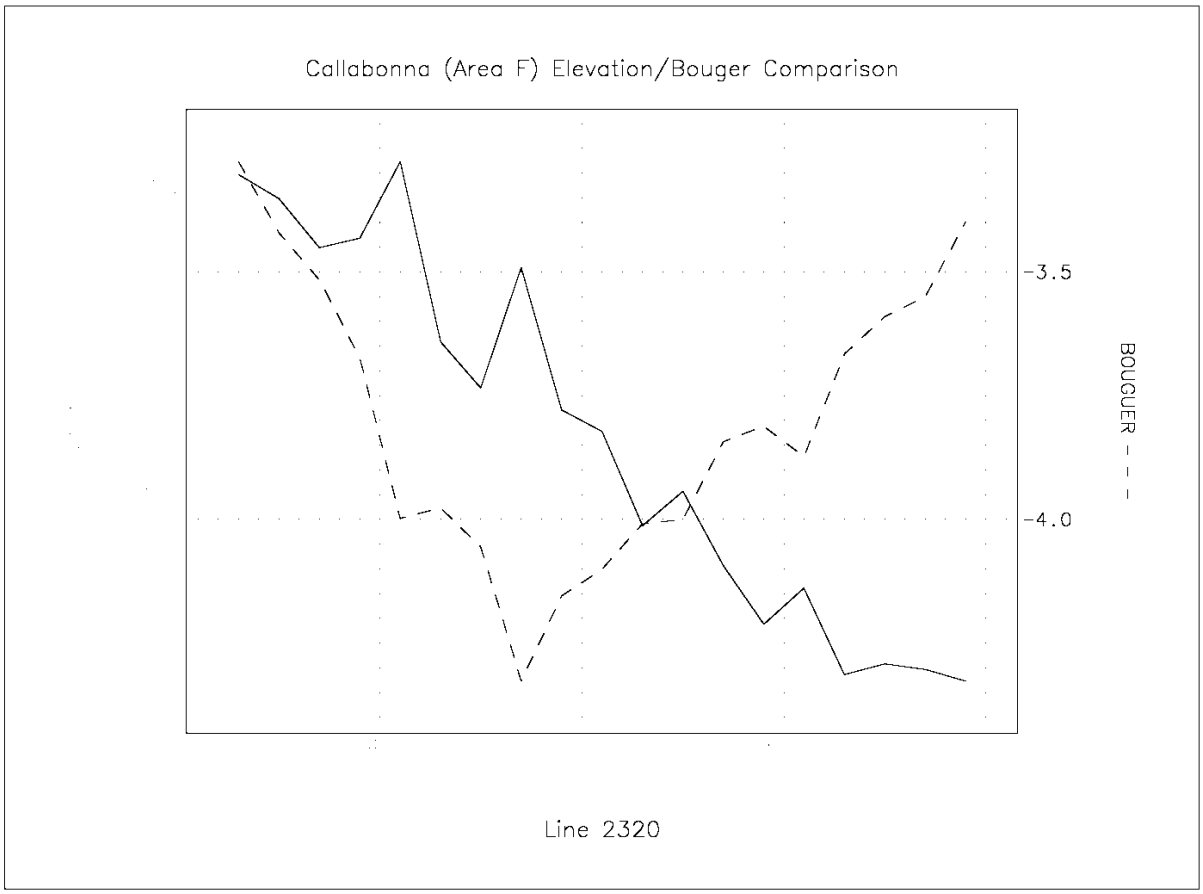

Lake Callabonna (Area F) Gravity Survey
Station Locations
Haines Surveys Pty. Ltd. April 2004
2500
0
2500
(metres)
6685000
6687500
6690000
6692500
6695000
6697500
420000
422500
425000
427500
430000
432500
435000
437500
440000
2160
2160
9540
9680
9330
9570
2480
2480
9160
9420
9740
8950
9270
9690
2800
2800
8810
9430
9170
8740
9580
3120
3120
8720
9300
9680
8800
9460
3440
3440
9120
9600
8710
9510
3760
3760
9000
4000
4000
8700
8900
9100

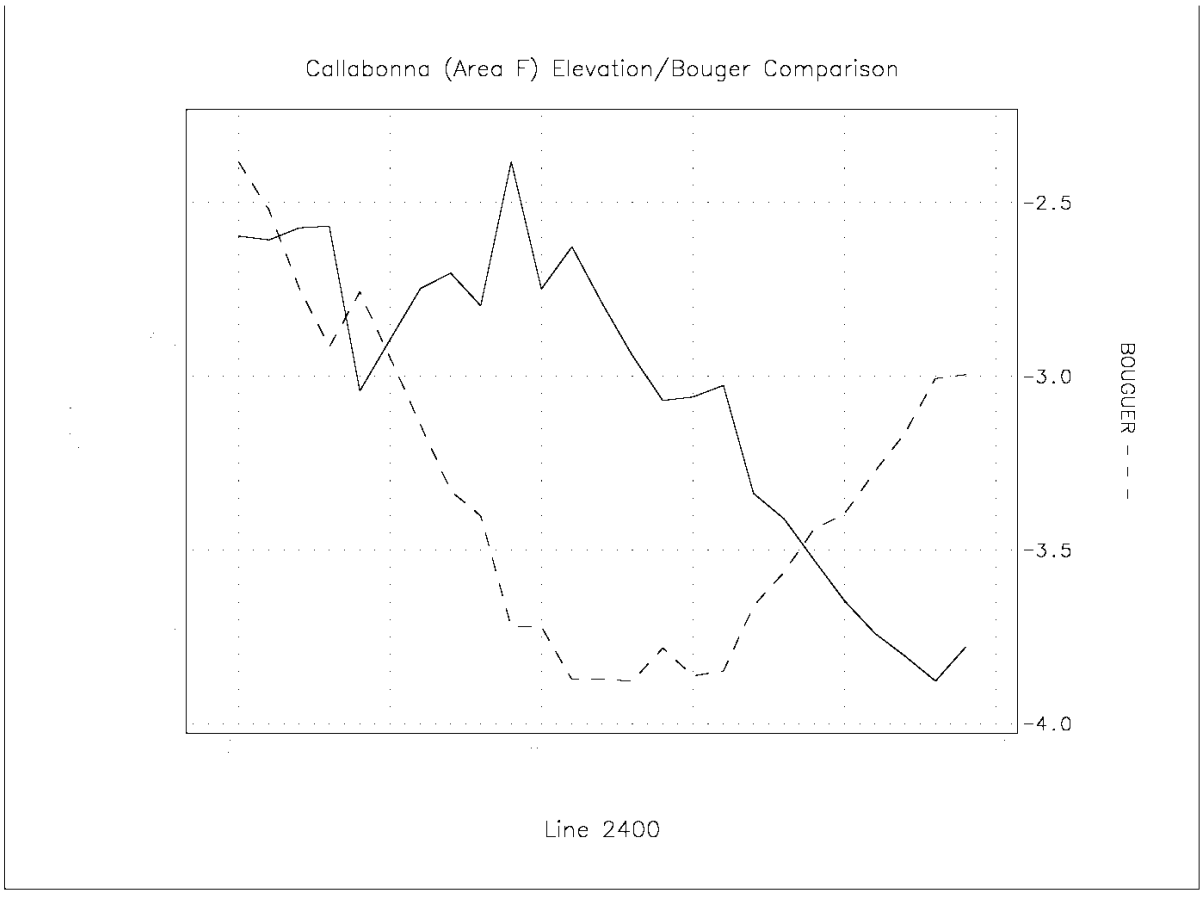

Lake Callabonna (Area F) Gravity Survey
Station locations with Bouger anomaly contours (mGals)
Haines Surveys Pty. Ltd. April 2004
2500
0
2500
(metres)
6685000
6687500
6690000
6692500
6695000
6697500
420000
422500
425000
427500
430000
432500
435000
437500
440000
N

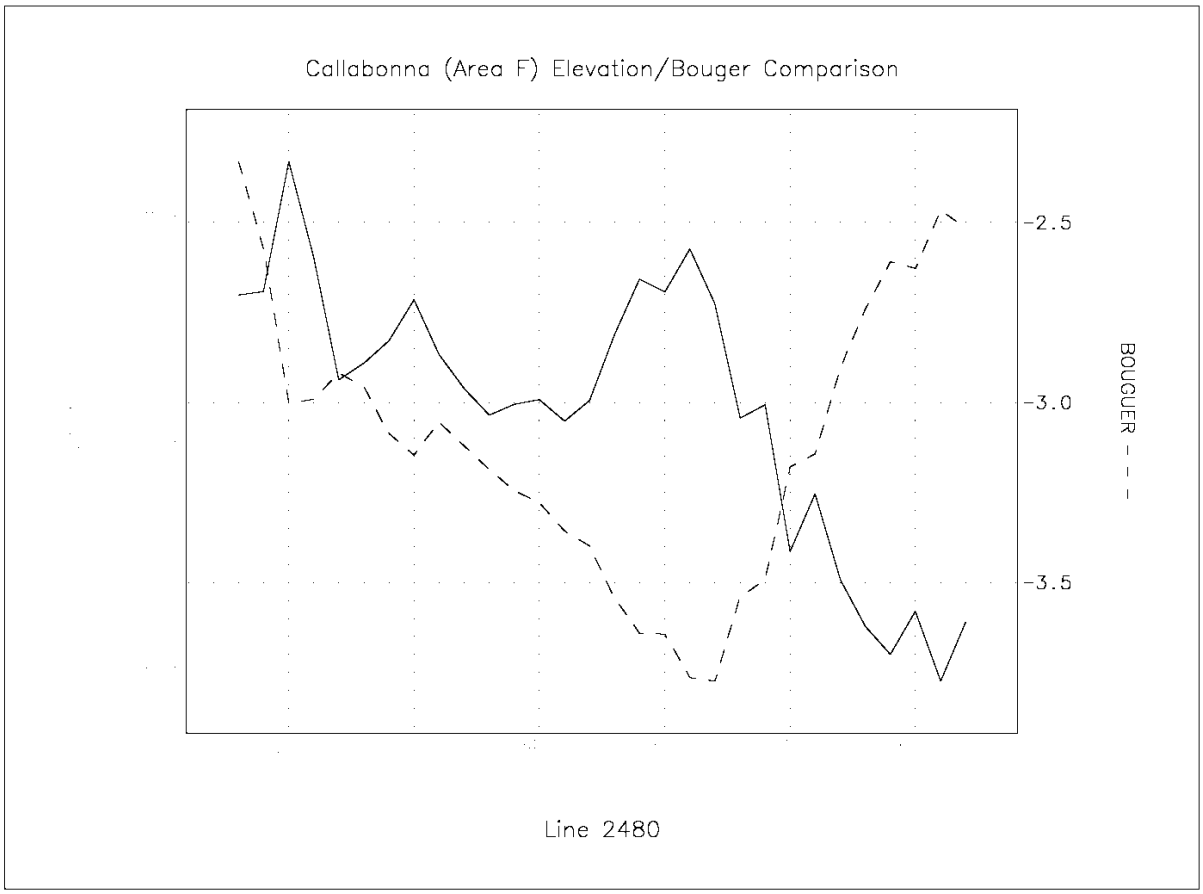

Lake Callabonna (Area F) Gravity Survey
Bouger anomaly contours (mGals) and zoned colour image
Haines Surveys Pty. Ltd. April 2004
2500
0
2500
(metres)
6685000
6687500
6690000
6692500
6695000
6697500
420000
422500
425000
427500
430000
432500
435000
437500
440000

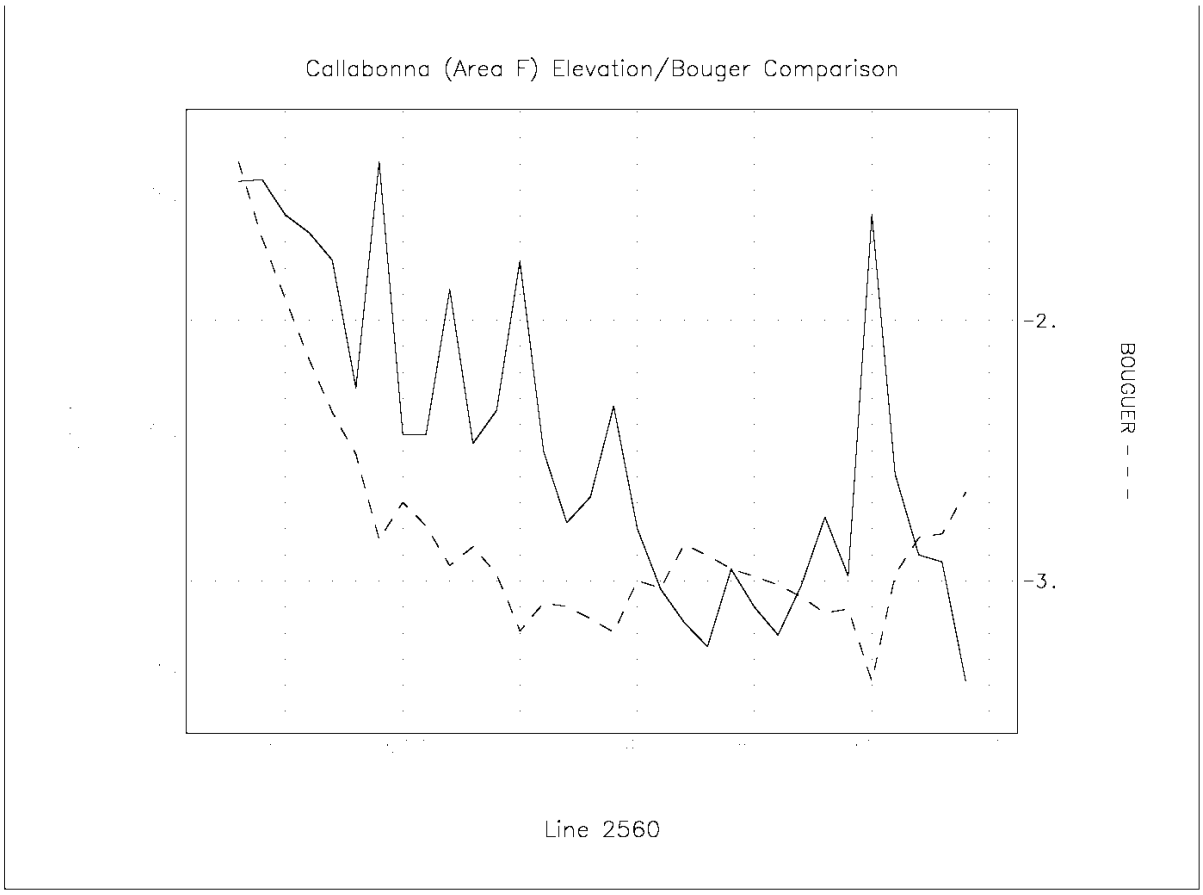

Callabonna (Area F) Elevation/Bouger Comparison
-5.0
-5.1
-5.2
-5.3
-5.4
BOUGUER - - -
Line 2160

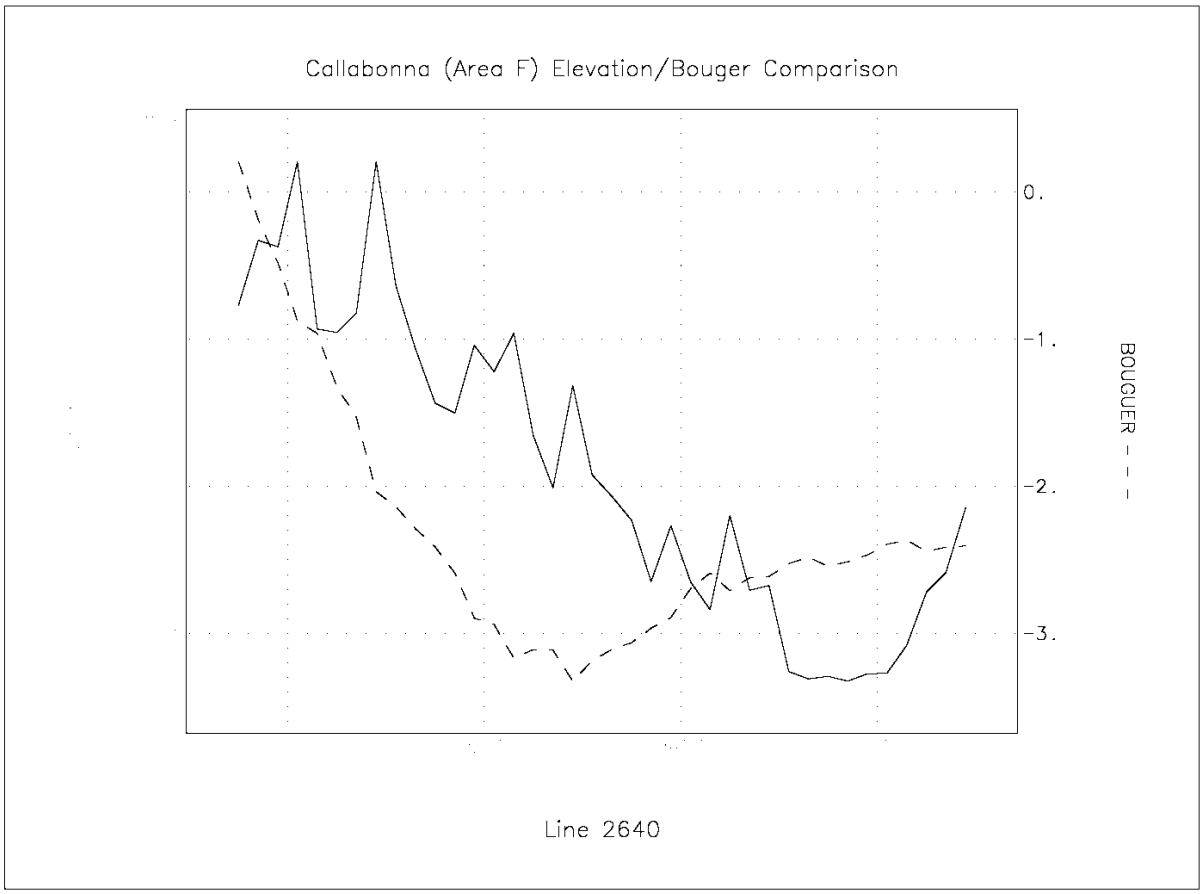

Callabonna (Area F) Elevation/Bouger Comparison
-3.8
-3.9
-4.0
-4.1
-4.2
-4.3
-4.4
-4.5
-4.6
-4.7
-4.8
BOUGUER - - -
Line 2240

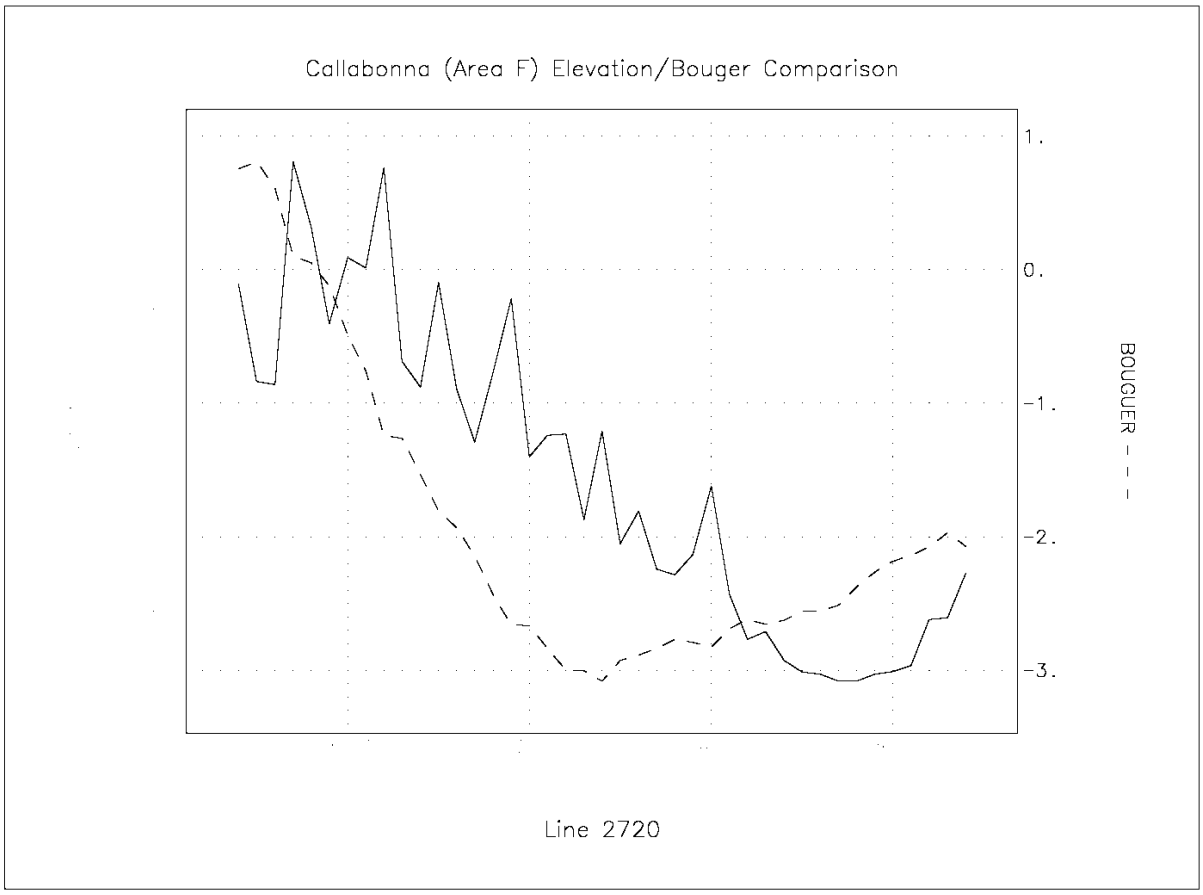

Callabonna (Area F) Elevation/Bouger Comparison
-3.5
-4.0
BOUGUER - - -
Line 2320

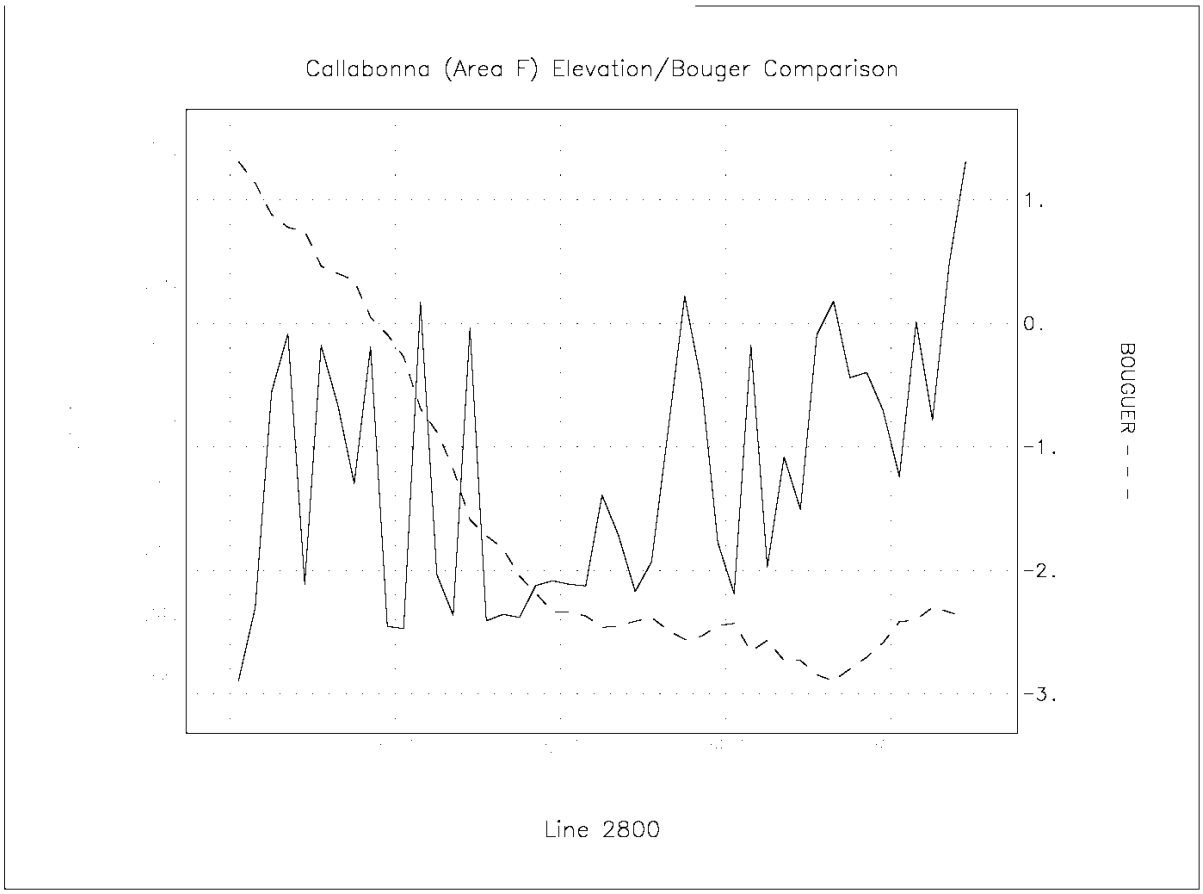

Callabonna (Area F) Elevation/Bouger Comparison
-2.5
-3.0
-3.5
-4.0
BOUGUER - - -
Line 2400

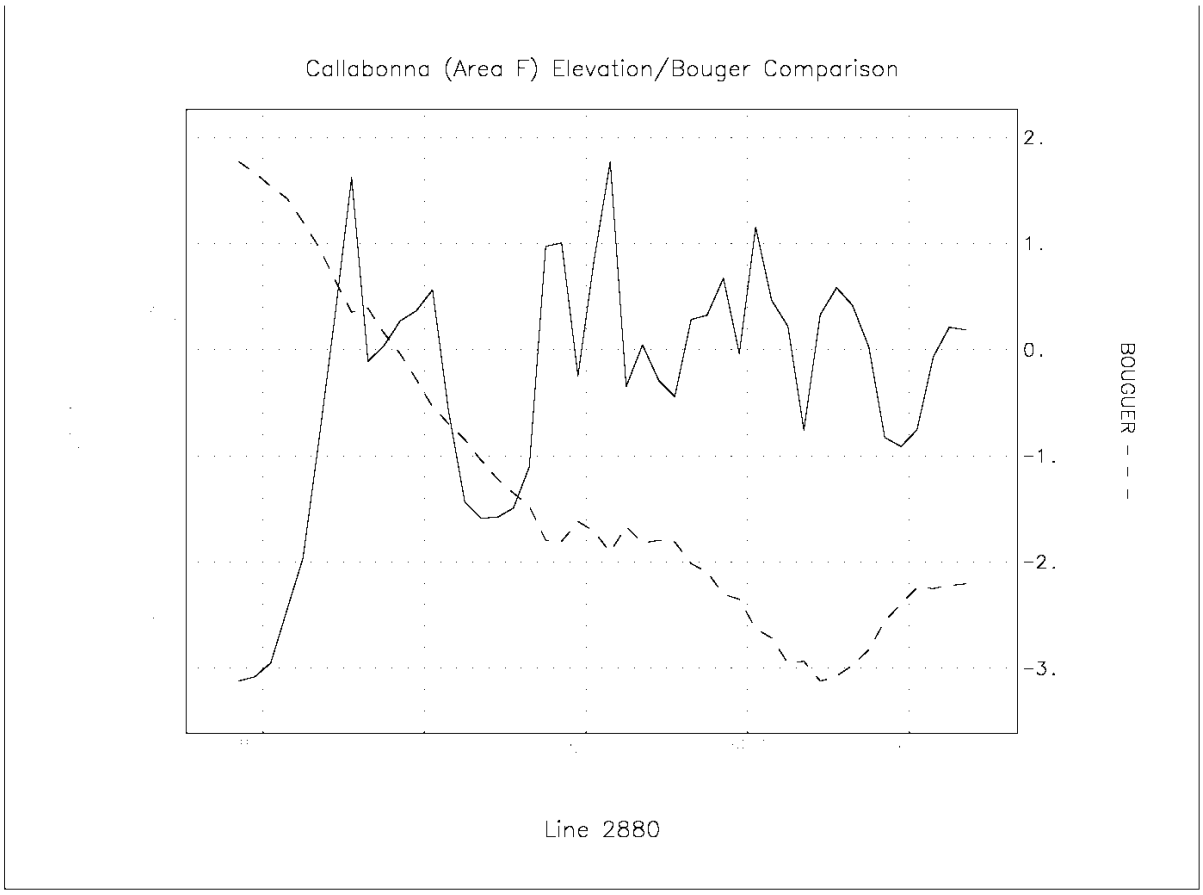

Callabonna (Area F) Elevation/Bouger Comparison
-2.5
-3.0
-3.5
BOUGUER - - -
Line 2480

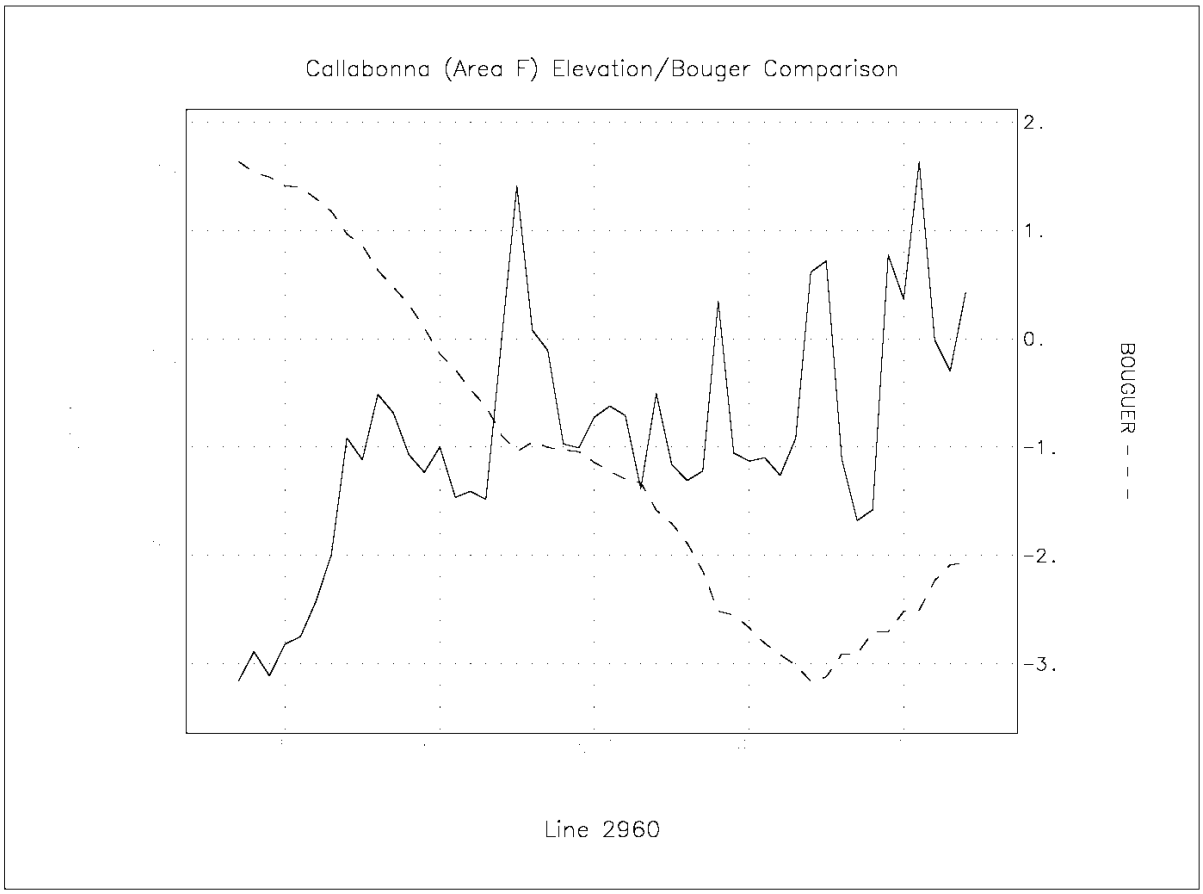

Callabonna (Area F) Elevation/Bouger Comparison
-2.
-3.
BOUGUER - - -
Line 2560

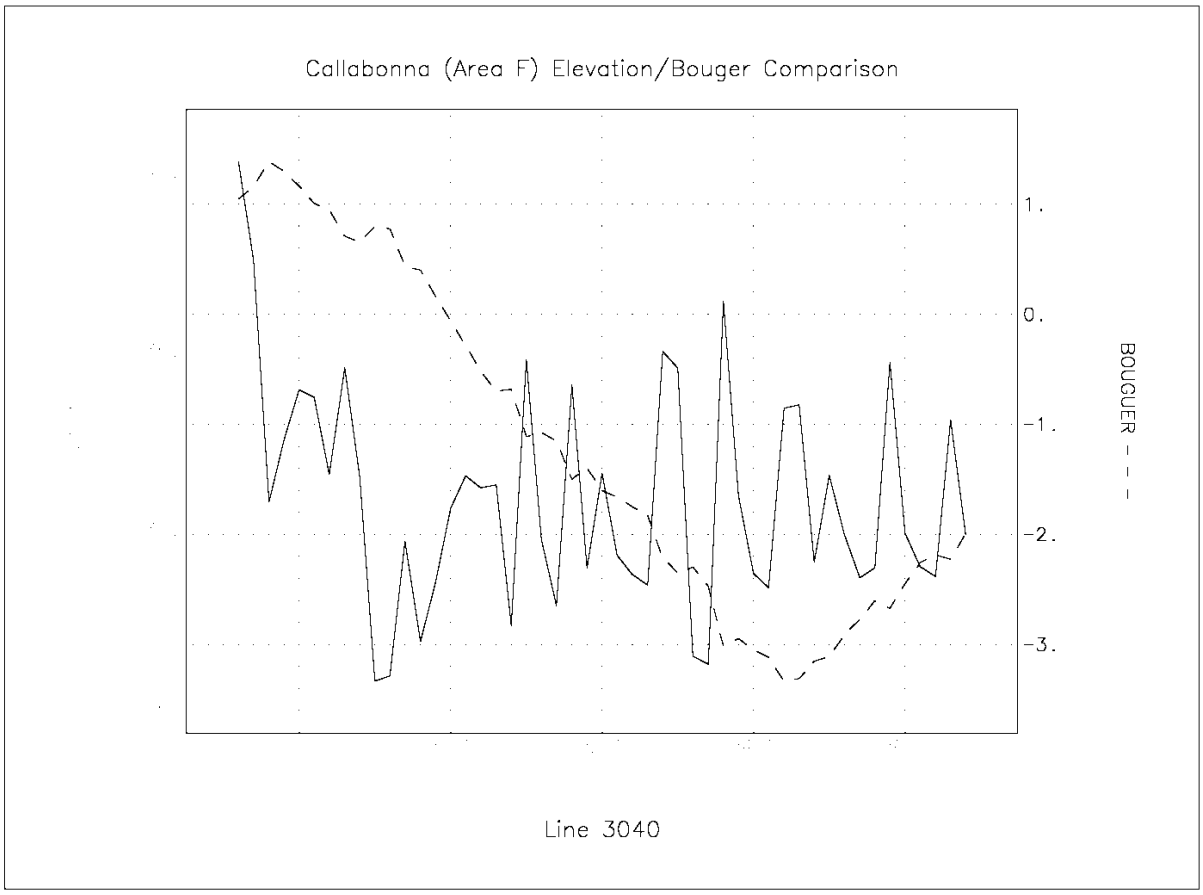

Callabonna (Area F) Elevation/Bouger Comparison
0.
-1.
-2.
-3.
BOUGUER - - -
Line 2640

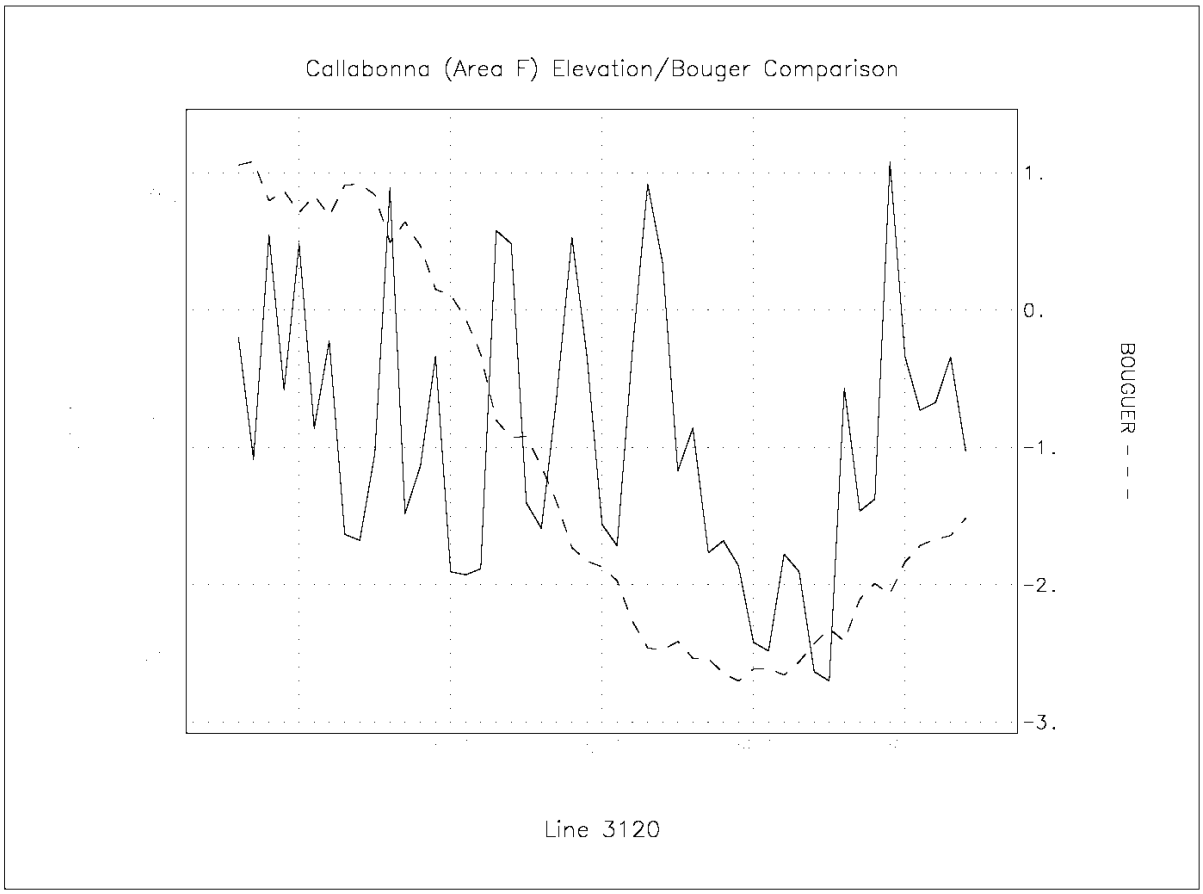

Callabonna (Area F) Elevation/Bouger Comparison
1.
0.
-1.
-2.
-3.
BOUGUER - - -
Line 2720

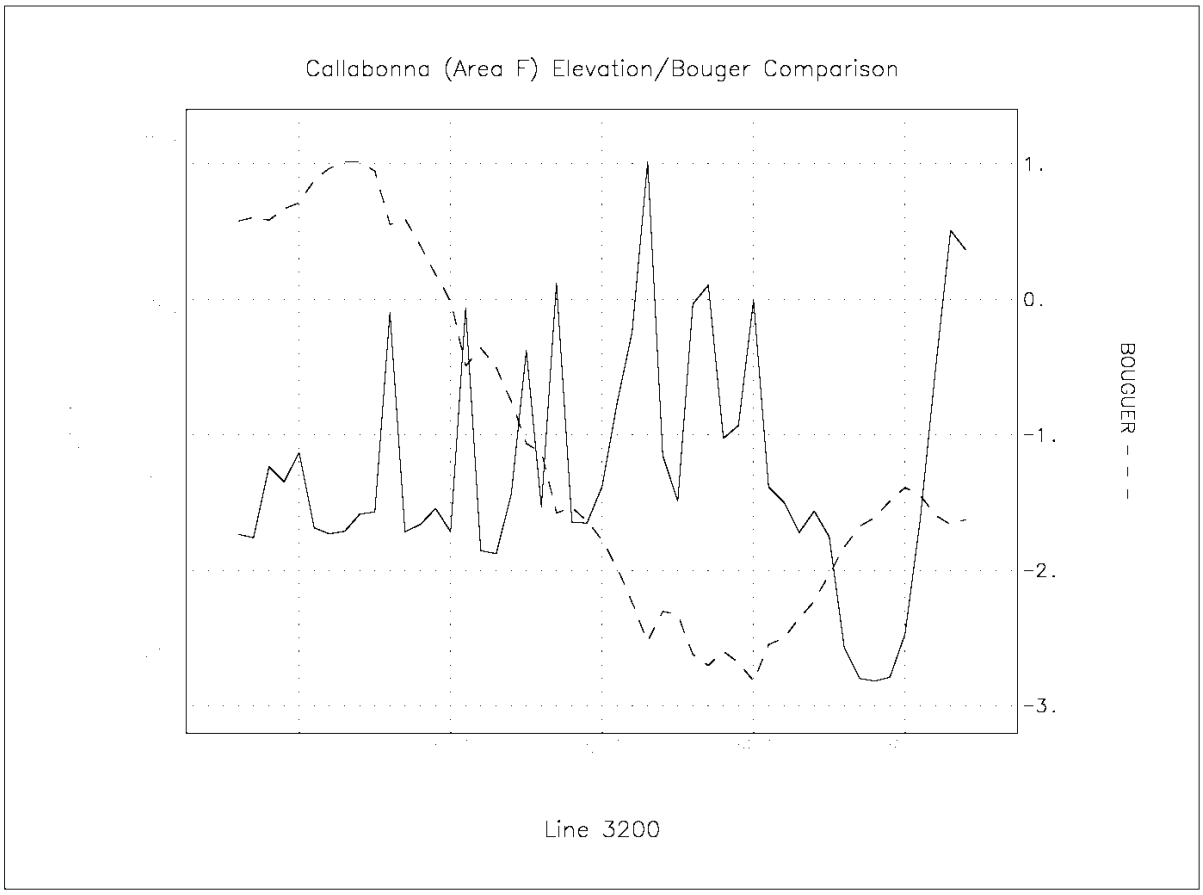

Callabonna (Area F) Elevation/Bouger Comparison
1.
0.
-1.
-2.
-3.
BOUGUER - - -
Line 2800

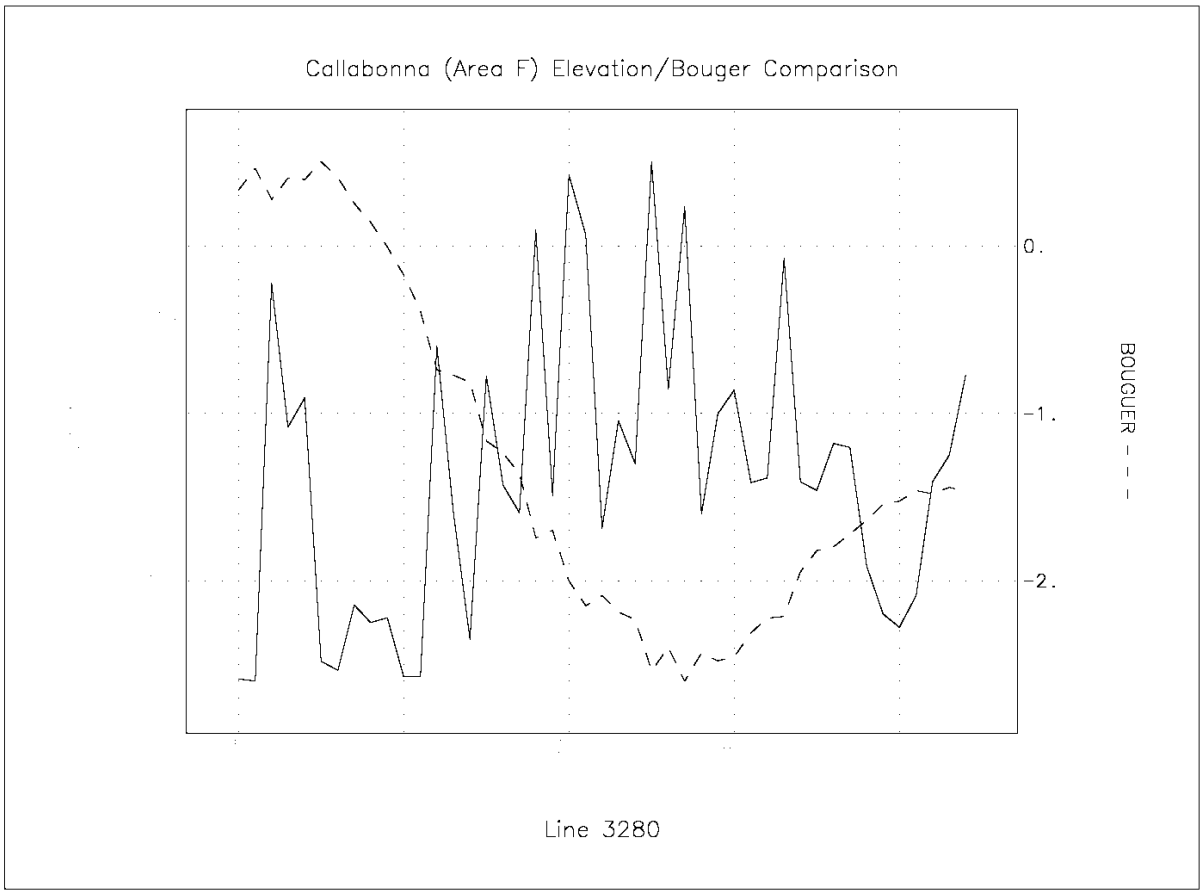

Callabonna (Area F) Elevation/Bouger Comparison
2.
1.
0.
-1.
-2.
-3.
BOUGUER - - -
Line 2880

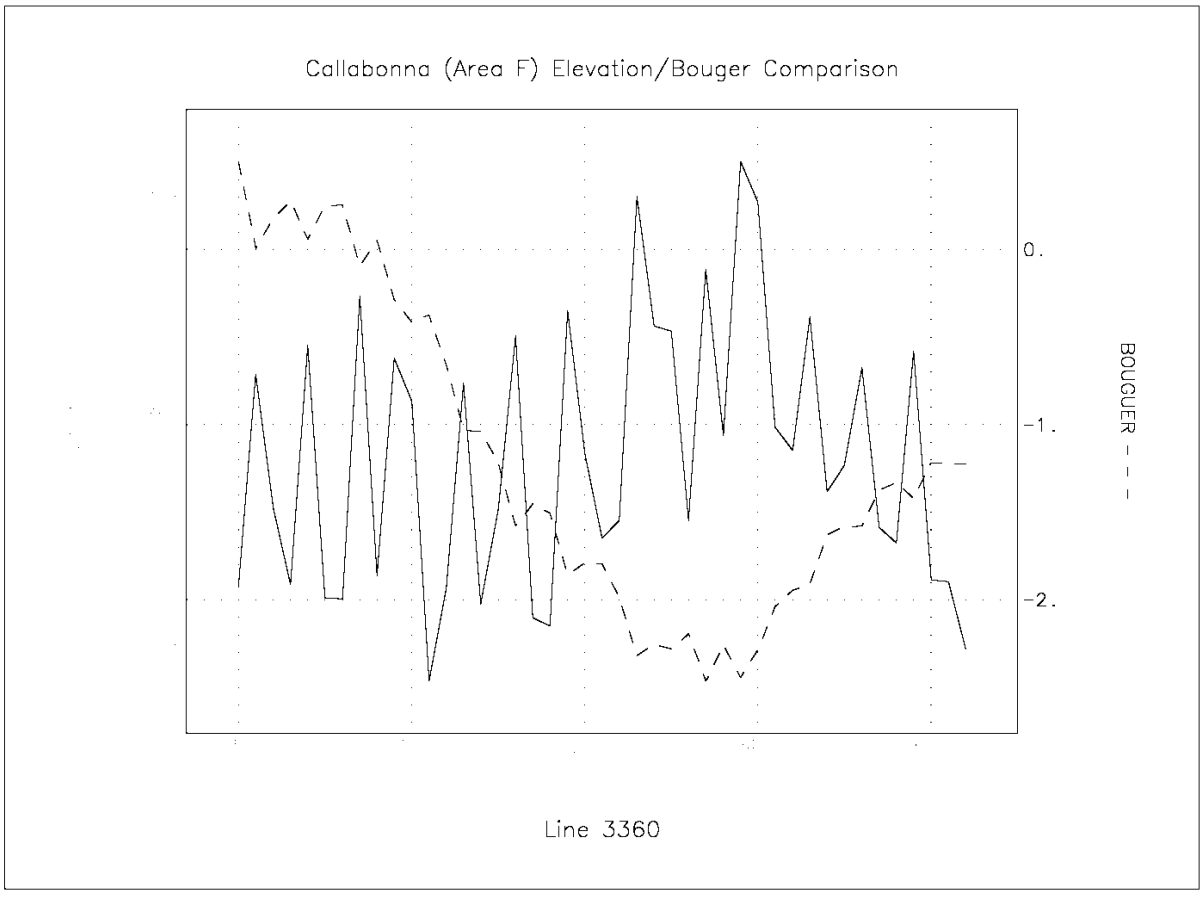

Callabonna (Area F) Elevation/Bouger Comparison
2.
1.
0.
-1.
-2.
-3.
BOUGUER - - -
Line 2960

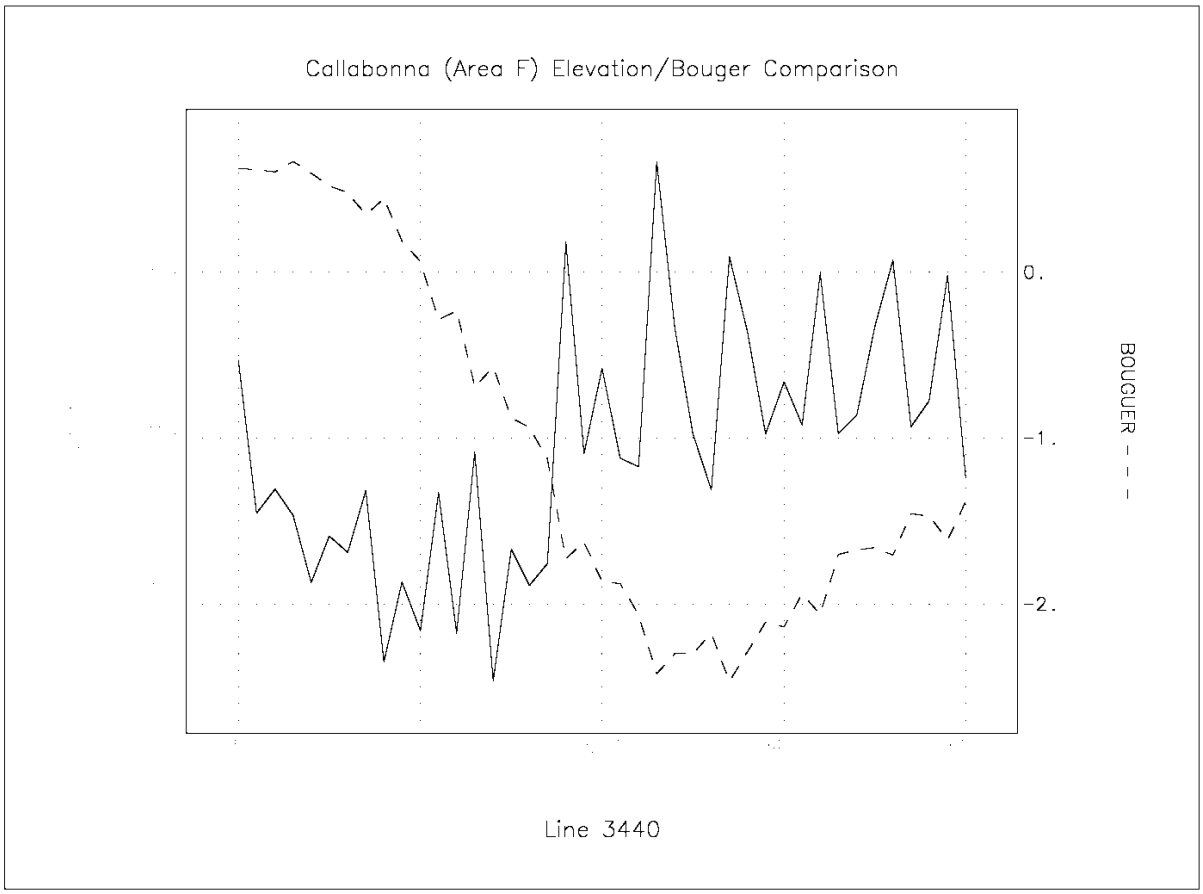

Callabonna (Area F) Elevation/Bouger Comparison
1.
0.
-1.
-2.
-3.
BOUGUER - - -
Line 3040

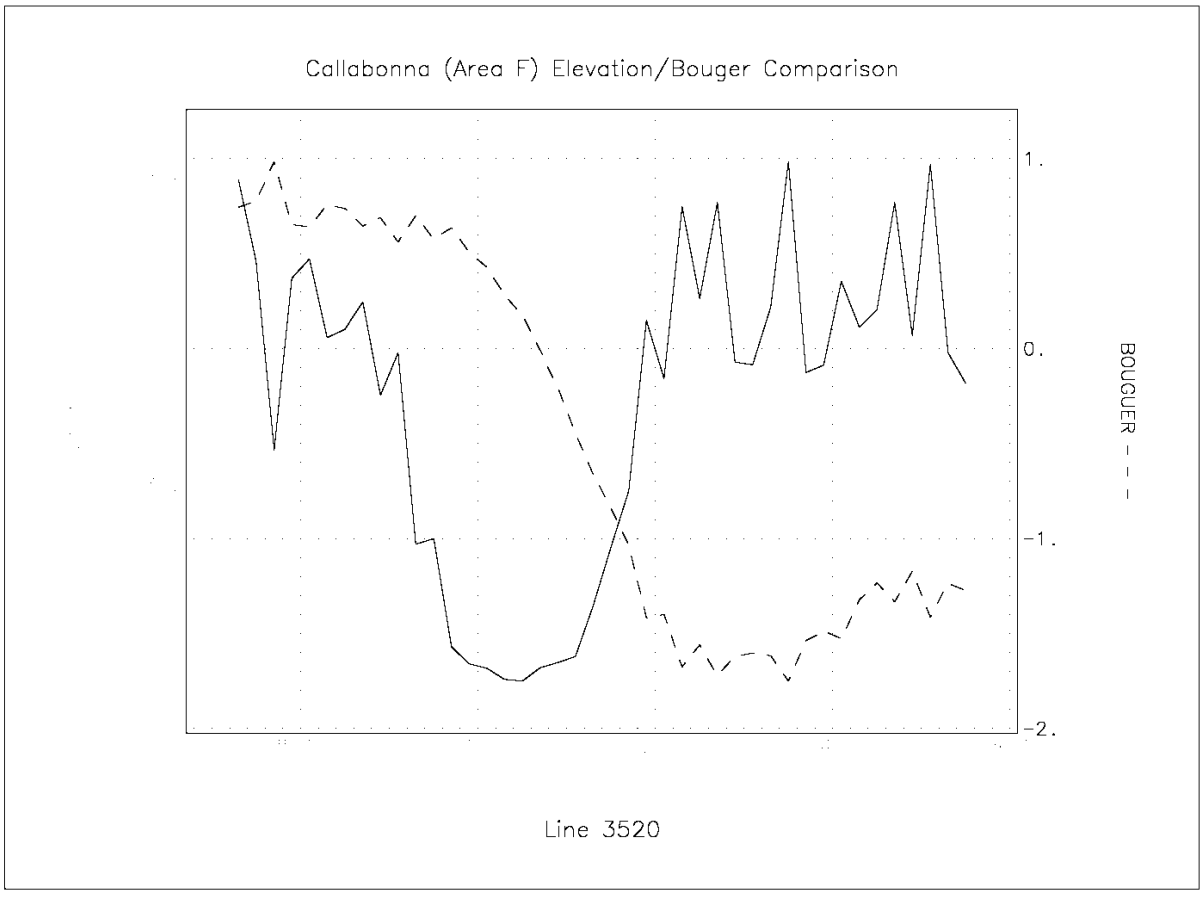

Callabonna (Area F) Elevation/Bouger Comparison
1.
0.
-1.
-2.
-3.
BOUGUER - - -
Line 3120

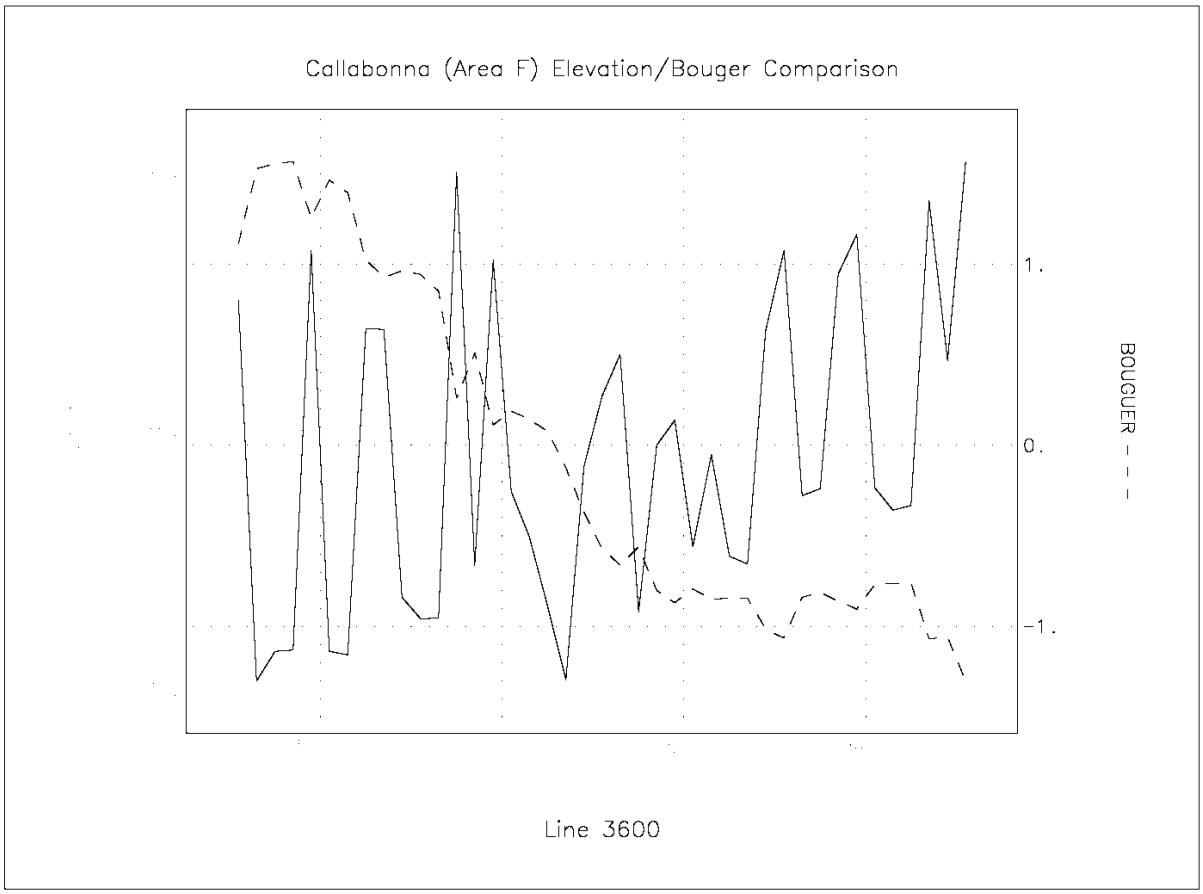

Callabonna (Area F) Elevation/Bouger Comparison
1.
0.
-1.
-2.
-3.
BOUGUER - - -
Line 3200

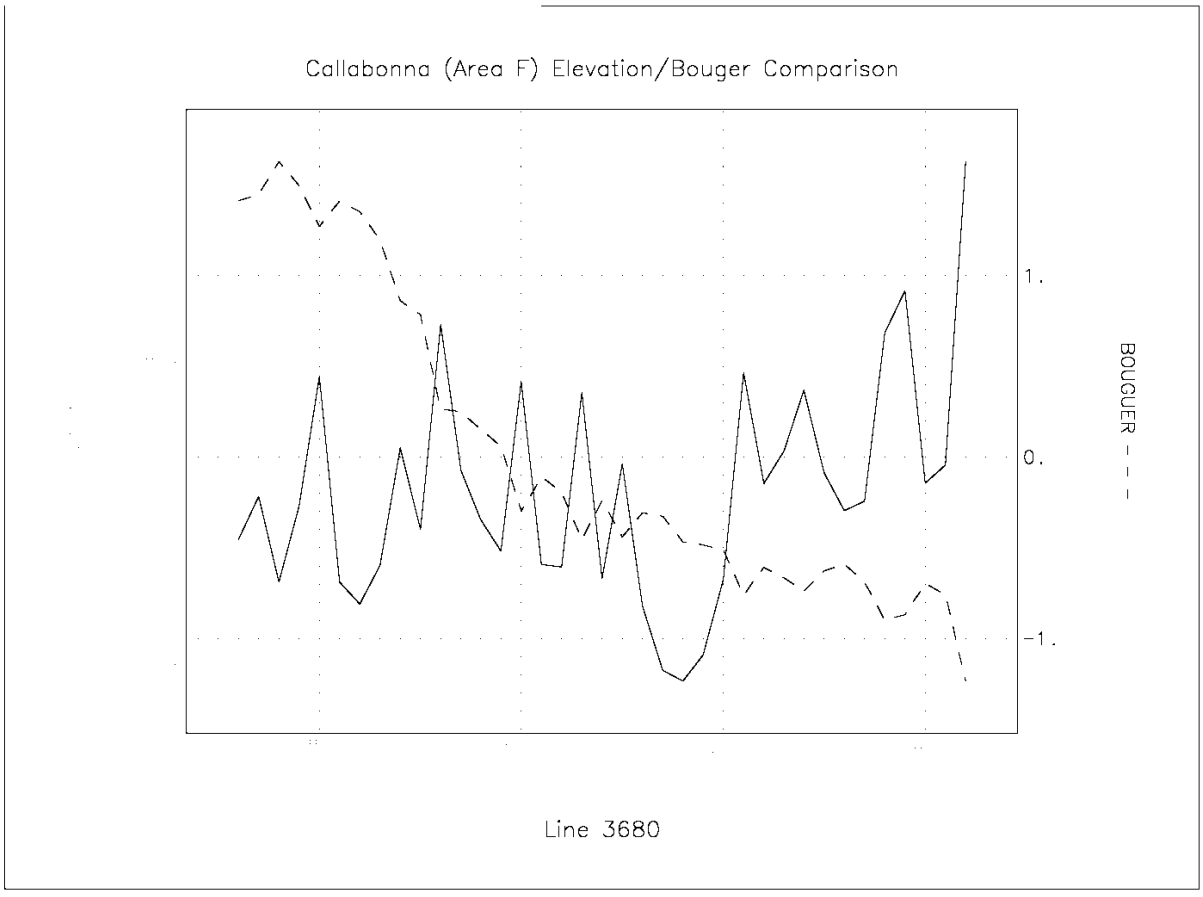

Callabonna (Area F) Elevation/Bouger Comparison
0.
-1.
-2.
BOUGUER - - -
Line 3280

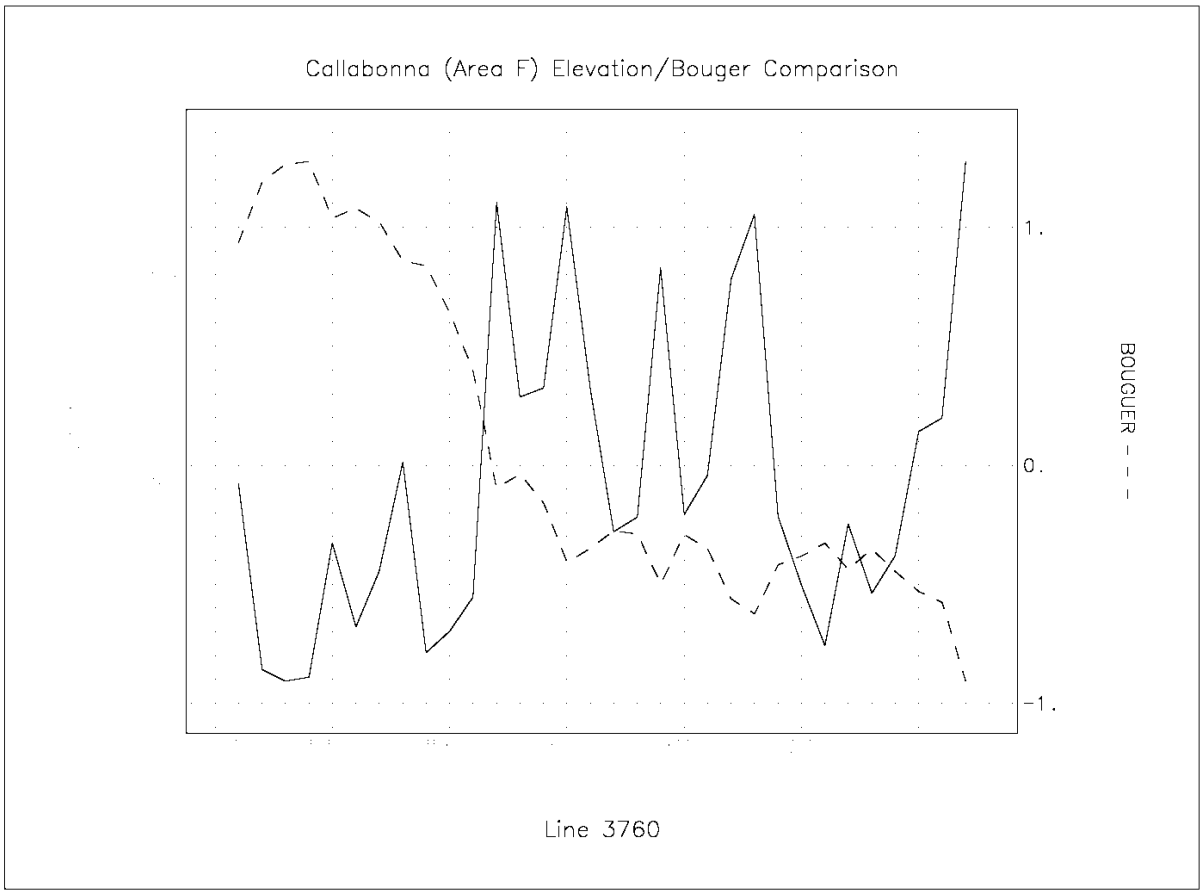

Callabonna (Area F) Elevation/Bouger Comparison
0.
-1.
-2.
BOUGUER - - -
Line 3360

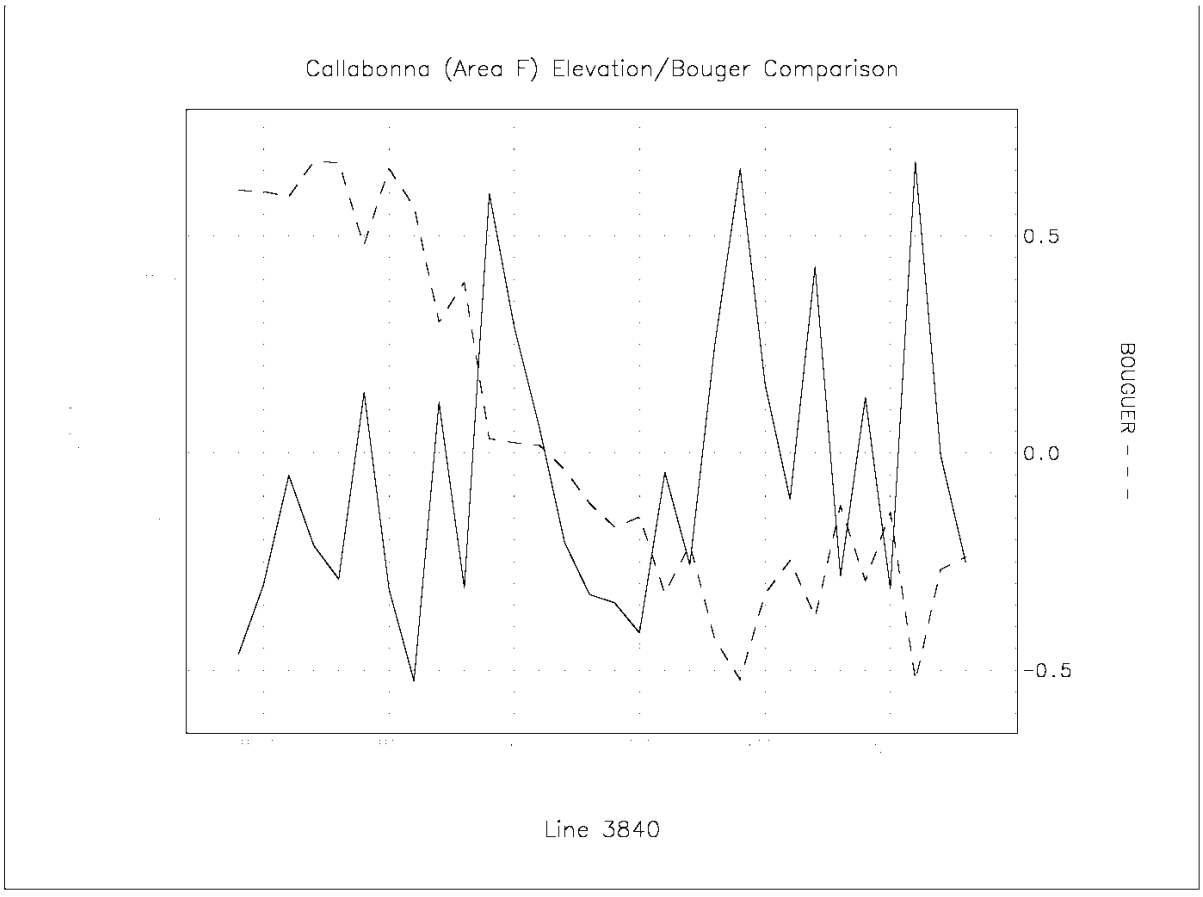

Callabonna (Area F) Elevation/Bouger Comparison
0.
-1.
-2.
BOUGUER - - -
Line 3440

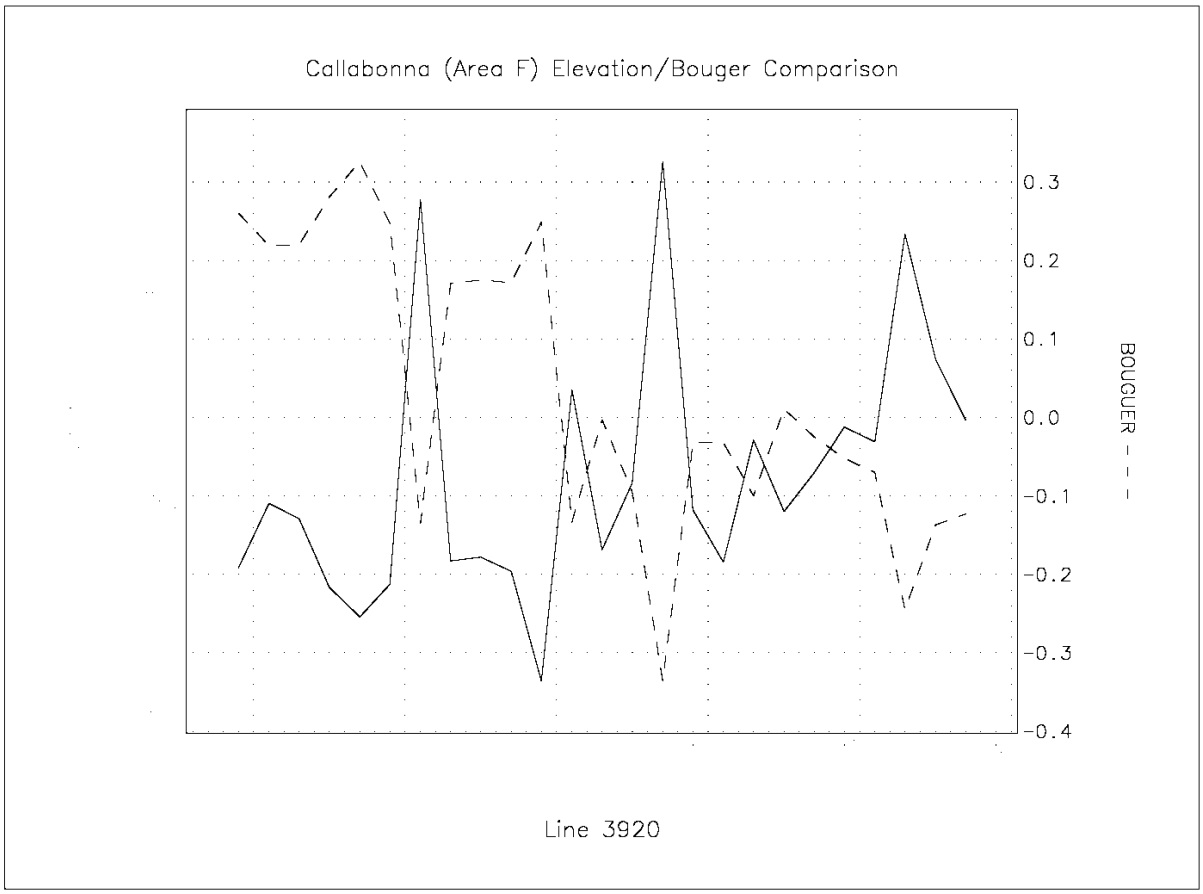

Callabonna (Area F) Elevation/Bouger Comparison
1.
0.
-1.
-2.
BOUGUER - - -
Line 3520

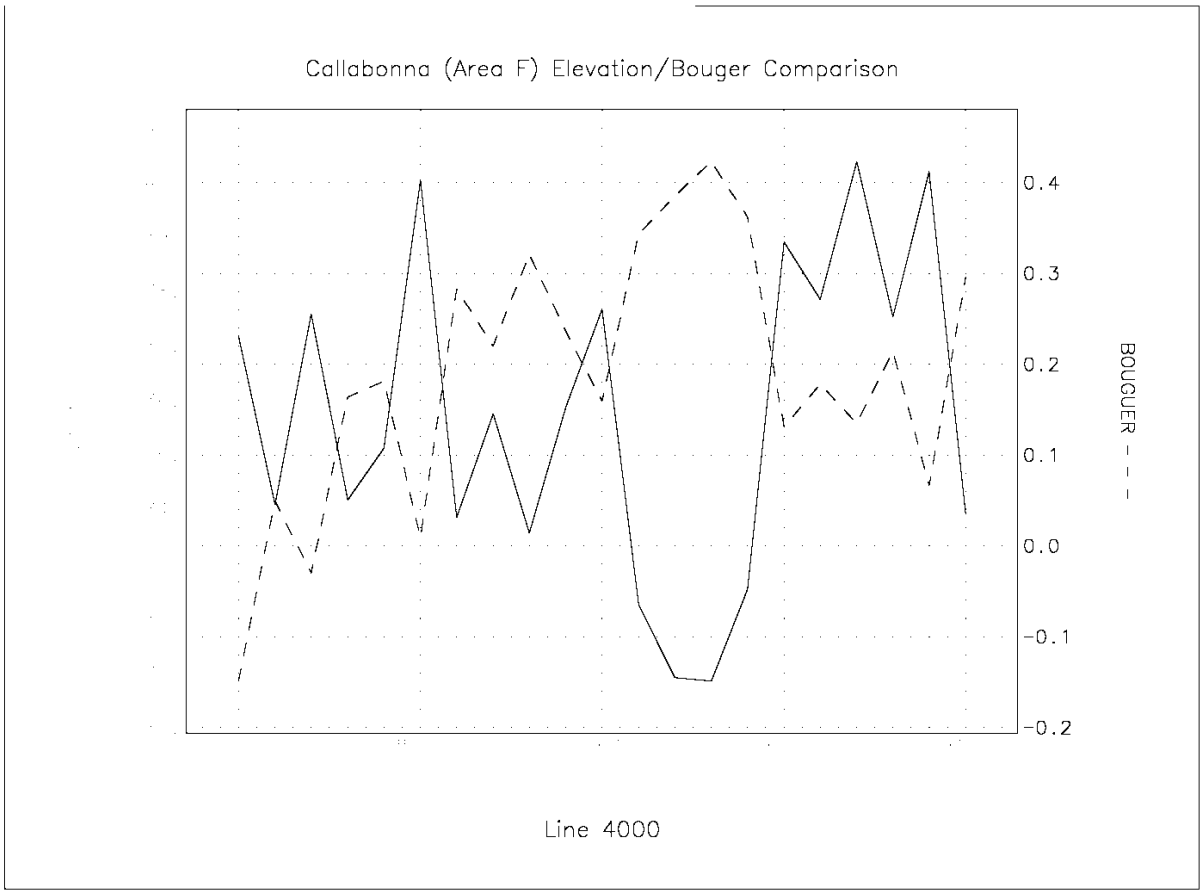

Callabonna (Area F) Elevation/Bouger Comparison
1.
0.
-1.
BOUGUER - - -
Line 3600


Callabonna (Area F) Elevation/Bouger Comparison
1.
0.
-1.
BOUGUER - - -
Line 3680


Callabonna (Area F) Elevation/Bouger Comparison
1.
0.
-1.
BOUGUER - - -
Line 3760


Callabonna (Area F) Elevation/Bouger Comparison
0.5
0.0
-0.5
BOUGUER - - -
Line 3840


Callabonna (Area F) Elevation/Bouger Comparison
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
BOUGUER - - -
Line 3920


Callabonna (Area F) Elevation/Bouger Comparison
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
BOUGUER - - -
Line 4000

Gravity Processing Results

Area A

COORDS E	COORDS N	GRID x	GRID y	drift	corr'd meter	obs mgal	anom corrn	freeair corrn	bouguer corrn	bouguer h anom (2.67)	(AHD)
D121											
403582.4	6683781.1	0	1307	+0.000	3847.669	979320.362	-1.482	8.830	-3.202	4.146	28.613
403582.4	6683781.1	0	1307	-0.003	3847.669	979320.362	-1.482	8.830	-3.202	4.146	28.613
403582.4	6683781.1	0	1307	-0.002	3847.672	979320.362	-1.482	8.830	-3.202	4.146	28.613
403582.4	6683781.1	0	1307	-0.003	3847.674	979320.362	-1.482	8.830	-3.202	4.146	28.613
409397.0	6676608.6	7660	940	-0.001	3856.909	979329.599	2.658	2.817	-1.022	4.454	9.129
409601.3	6676608.0	7660	960	-0.001	3857.074	979329.764	2.822	2.677	-0.971	4.528	8.675
409800.3	6676610.5	7660	980	-0.001	3857.267	979329.957	3.015	2.483	-0.900	4.598	8.047
410001.9	6676610.5	7660	1000	-0.001	3857.176	979329.866	2.923	2.517	-0.913	4.527	8.155
410202.6	6676610.4	7660	1020	-0.001	3857.109	979329.799	2.855	2.592	-0.940	4.507	8.398
410400.1	6676608.5	7660	1040	-0.001	3857.162	979329.852	2.905	2.479	-0.899	4.486	8.034
410603.1	6676611.1	7660	1060	-0.001	3857.212	979329.902	2.956	2.330	-0.845	4.441	7.549
410800.7	6676615.6	7660	1080	-0.001	3857.329	979330.019	3.075	2.226	-0.807	4.494	7.212
411000.4	6676606.7	7660	1100	-0.001	3857.454	979330.144	3.193	2.124	-0.770	4.546	6.882
407507.6	6677413.1	7740	750	-0.001	3855.358	979328.048	1.687	3.627	-1.315	3.998	11.752
407695.5	6677403.9	7740	770	-0.001	3855.373	979328.063	1.694	3.543	-1.285	3.952	11.481
407902.9	6677408.2	7740	790	-0.001	3855.364	979328.054	1.687	3.522	-1.277	3.932	11.414
408101.7	6677409.0	7740	810	-0.001	3855.430	979328.120	1.752	3.443	-1.249	3.947	11.158
408295.4	6677412.7	7740	830	-0.001	3855.538	979328.228	1.861	3.334	-1.209	3.987	10.804
408503.3	6677413.7	7740	850	-0.001	3855.565	979328.255	1.888	3.254	-1.180	3.962	10.545
408704.7	6677413.2	7740	870	-0.001	3855.710	979328.400	2.031	3.139	-1.138	4.032	10.173
408902.8	6677413.7	7740	890	-0.001	3855.751	979328.441	2.072	3.099	-1.124	4.047	10.042
409094.0	6677406.1	7740	910	-0.001	3855.765	979328.455	2.079	3.062	-1.110	4.031	9.921
409301.3	6677415.2	7740	930	-0.001	3855.885	979328.575	2.204	2.969	-1.077	4.097	9.621
409502.5	6677408.3	7740	950	-0.001	3855.917	979328.607	2.230	2.912	-1.056	4.087	9.437
409702.5	6677412.6	7740	970	-0.001	3855.938	979328.628	2.253	2.827	-1.025	4.055	9.160
409902.2	6677416.0	7740	990	-0.001	3855.994	979328.684	2.311	2.768	-1.004	4.075	8.968
410102.6	6677415.6	7740	1010	-0.001	3856.016	979328.706	2.331	2.715	-0.984	4.062	8.798
410299.0	6677410.5	7740	1030	-0.001	3856.100	979328.790	2.410	2.583	-0.936	4.056	8.369
410499.5	6677419.6	7740	1050	-0.001	3856.187	979328.877	2.503	2.445	-0.887	4.061	7.924
410697.4	6677412.2	7740	1070	-0.001	3856.089	979328.779	2.398	2.506	-0.909	3.995	8.120
407495.6	6678217.5	7820	750	-0.001	3854.539	979327.229	1.435	4.368	-1.584	4.220	14.154
407704.9	6678218.0	7820	770	-0.001	3854.553	979327.243	1.449	4.198	-1.522	4.124	13.602
407900.8	6678210.4	7820	790	-0.001	3854.631	979327.321	1.520	3.950	-1.432	4.038	12.799
408090.8	6678218.5	7820	810	-0.001	3854.682	979327.372	1.576	3.846	-1.394	4.027	12.462
408300.8	6678214.2	7820	830	-0.001	3854.643	979327.333	1.532	3.787	-1.373	3.946	12.271
408500.7	6678208.2	7820	850	-0.001	3854.678	979327.368	1.562	3.627	-1.315	3.874	11.753
408698.4	6678208.5	7820	870	-0.001	3854.700	979327.390	1.583	3.530	-1.280	3.833	11.438
408899.9	6678222.4	7820	890	-0.001	3854.579	979327.269	1.471	3.550	-1.287	3.734	11.504
409091.9	6678219.4	7820	910	-0.001	3854.720	979327.410	1.609	3.345	-1.213	3.740	10.838
409301.7	6678207.6	7820	930	-0.001	3854.596	979327.286	1.475	3.347	-1.214	3.608	10.845
409503.5	6678209.8	7820	950	-0.001	3854.455	979327.145	1.334	3.362	-1.219	3.477	10.893
409704.5	6678213.0	7820	970	-0.001	3854.522	979327.212	1.402	3.246	-1.177	3.472	10.519
409905.0	6678207.4	7820	990	-0.001	3854.554	979327.244	1.429	3.150	-1.142	3.437	10.206
410105.5	6678215.3	7820	1010	-0.001	3854.513	979327.203	1.393	3.134	-1.136	3.390	10.156
410301.7	6678219.8	7820	1030	-0.001	3854.311	979327.001	1.193	3.371	-1.222	3.341	10.922
D121											
403582.4	6683781.1	0	1307	+0.000	3272.422	979320.362	-1.482	8.830	-3.202	4.146	28.613
403582.4	6683781.1	0	1307	+0.010	3272.422	979320.362	-1.482	8.830	-3.202	4.146	28.613
403582.4	6683781.1	0	1307	-0.019	3272.412	979320.362	-1.482	8.830	-3.202	4.146	28.613
403582.4	6683781.1	0	1307	-0.009	3272.431	979320.362	-1.482	8.830	-3.202	4.146	28.613
408301.0	6675012.2	7500	830	-0.016	3282.413	979330.363	2.301	3.368	-1.221	4.448	10.913
408494.2	6675016.0	7500	850	-0.015	3282.627	979330.577	2.517	3.146	-1.141	4.522	10.194
408699.4	6675015.1	7500	870	-0.015	3282.615	979330.565	2.503	3.071	-1.114	4.460	9.952
408891.5	6675014.4	7500	890	-0.015	3282.893	979330.843	2.779	2.761	-1.001	4.539	8.948
409089.5	6675015.0	7500	910	-0.015	3282.912	979330.862	2.797	2.674	-0.970	4.502	8.666
409296.5	6675011.3	7500	930	-0.015	3282.978	979330.928	2.860	2.562	-0.929	4.493	8.302
409495.5	6675015.4	7500	950	-0.014	3282.878	979330.828	2.761	2.646	-0.959	4.448	8.573
409696.8	6675017.5	7500	970	-0.014	3282.904	979330.854	2.787	2.442	-0.885	4.344	7.912
409892.3	6675011.6	7500	990	-0.014	3283.242	979331.192	3.120	1.912	-0.693	4.339	6.195
410094.2	6675014.9	7500	1010	-0.014	3283.228	979331.178	3.107	1.896	-0.688	4.316	6.145
410298.7	6675009.2	7500	1030	-0.014	3283.185	979331.135	3.059	1.919	-0.696	4.282	6.218
410494.4	6675009.1	7500	1050	-0.013	3283.417	979331.367	3.290	1.599	-0.580	4.310	5.183
410688.7	6675015.6	7500	1070	-0.013	3283.484	979331.434	3.360	1.666	-0.604	4.422	5.397
410889.3	6675016.4	7500	1090	-0.013	3283.721	979331.671	3.597	1.608	-0.583	4.622	5.212
411103.6	6675008.2	7500	1110	-0.013	3283.946	979331.896	3.815	1.552	-0.563	4.804	5.028
407705.3	6675816.9	7580	770	-0.008	3281.261	979329.211	1.721	4.081	-1.480	4.322	13.224
407903.4	6675815.5	7580	790	-0.008	3281.281	979329.231	1.739	4.040	-1.465	4.314	13.090
408101.5	6675811.0	7580	810	-0.009	3281.321	979329.271	1.774	3.909	-1.417	4.266	12.667
408303.4	6675811.8	7580	830	-0.009	3281.350	979329.300	1.803	3.813	-1.383	4.233	12.355
408504.2	6675812.9	7580	850	-0.009	3281.565	979329.515	2.017	3.481	-1.262	4.236	11.279
408707.9	6675812.6	7580	870	-0.009	3281.707	979329.657	2.158	3.296	-1.195	4.259	10.681
408905.1	6675810.7	7580	890	-0.009	3281.800	979329.750	2.249	3.128	-1.134	4.243	10.137

409104.7	6675813.2	7580	910	-0.010	3281.888	979329.838	2.337	3.102	-1.125	4.314	10.051
409299.4	6675811.9	7580	930	-0.010	3281.964	979329.914	2.411	3.039	-1.102	4.348	9.849
409503.5	6675811.1	7580	950	-0.010	3282.000	979329.950	2.445	3.054	-1.107	4.392	9.895
409704.4	6675810.7	7580	970	-0.010	3282.197	979330.147	2.641	2.836	-1.028	4.449	9.190
409907.1	6675809.9	7580	990	-0.011	3282.185	979330.135	2.627	2.888	-1.047	4.468	9.359
410105.4	6675812.2	7580	1010	-0.011	3282.371	979330.321	2.814	2.612	-0.947	4.478	8.463
410308.2	6675809.6	7580	1030	-0.011	3282.538	979330.488	2.978	2.385	-0.865	4.498	7.730
410507.1	6675818.2	7580	1050	-0.011	3282.907	979330.857	3.351	1.948	-0.706	4.593	6.311
410693.7	6675812.2	7580	1070	-0.011	3282.908	979330.858	3.347	2.056	-0.746	4.658	6.663
410899.2	6675807.5	7580	1090	-0.012	3283.082	979331.032	3.517	1.959	-0.710	4.765	6.348
411107.9	6675817.7	7580	1110	-0.012	3283.322	979331.272	3.763	1.866	-0.677	4.952	6.047
407599.2	6676614.7	7660	760	-0.008	3280.147	979328.097	1.171	4.182	-1.516	3.836	13.550
407794.5	6676610.4	7660	780	-0.008	3280.202	979328.152	1.222	4.040	-1.465	3.797	13.092
408000.5	6676611.8	7660	800	-0.007	3280.147	979328.097	1.167	3.995	-1.449	3.713	12.945
408196.2	6676611.7	7660	820	-0.007	3280.233	979328.183	1.251	3.813	-1.383	3.682	12.356
408396.4	6676613.2	7660	840	-0.007	3280.399	979328.349	1.417	3.638	-1.319	3.736	11.790
408603.2	6676608.9	7660	860	-0.007	3280.580	979328.530	1.594	3.535	-1.282	3.847	11.455
408796.8	6676614.1	7660	880	-0.006	3280.818	979328.768	1.835	3.325	-1.206	3.954	10.776
408997.9	6676611.1	7660	900	-0.006	3280.989	979328.939	2.002	3.272	-1.186	4.088	10.602
409191.4	6676614.4	7660	920	-0.006	3281.224	979329.174	2.239	3.147	-1.141	4.244	10.198
409397.0	6676608.6	7660	940	-0.006	3281.601	979329.551	2.610	2.817	-1.022	4.406	9.129

Area B

COORDS		GRID		drift	corr'd	obs	anom	freeair	bouguer	bouguer	h
E	N	x	y		meter	mgal		corrn	corrn	anom (2.67)	(AHD)
D119											
403582.4	6683781.1	0	1307	+0.000	3847.814	979320.362	-1.482	8.830	-3.202	4.146	28.613
403582.4	6683781.1	0	1307	+0.004	3847.814	979320.362	-1.482	8.830	-3.202	4.146	28.613
403582.4	6683781.1	0	1307	+0.555	3847.810	979320.362	-1.482	8.830	-3.202	4.146	28.613
403582.4	6683781.1	0	1307	+0.002	3847.255	979320.362	-1.482	8.830	-3.202	4.146	28.613
399599.6	6688409.9	8840	9960	+0.530	3846.468	979319.020	0.465	10.712	-3.884	7.292	34.711
399298.8	6689211.4	8920	9930	+0.516	3845.034	979317.586	-0.403	10.534	-3.820	6.312	34.134
399500.5	6689209.2	8920	9950	+0.521	3844.995	979317.547	-0.445	10.531	-3.818	6.268	34.124
400101.6	6690010.0	9000	10	+0.452	3843.939	979316.491	-0.940	9.332	-3.384	5.008	30.239
400298.2	6690008.1	9000	30	+0.446	3843.940	979316.492	-0.942	9.202	-3.337	4.923	29.817
400495.6	6690008.7	9000	50	+0.442	3844.079	979316.631	-0.804	8.833	-3.203	4.826	28.622
400697.9	6690008.8	9000	70	+0.437	3843.344	979315.896	-1.540	9.739	-3.531	4.668	31.558
400898.2	6690009.8	9000	90	+0.432	3842.875	979315.427	-2.009	10.050	-3.644	4.397	32.568
401101.3	6690011.2	9000	110	+0.423	3842.291	979314.843	-2.594	10.496	-3.806	4.097	34.012
401299.8	6690007.8	9000	130	+0.419	3842.396	979314.948	-2.492	10.071	-3.652	3.927	32.636
401491.0	6690009.3	9000	150	+0.414	3841.794	979314.346	-3.094	10.567	-3.832	3.641	34.243
401698.9	6690006.7	9000	170	+0.410	3841.537	979314.089	-3.354	10.512	-3.812	3.346	34.062
401894.8	6690010.1	9000	190	+0.405	3841.917	979314.469	-2.973	9.688	-3.513	3.201	31.392
402099.0	6690010.0	9000	210	+0.401	3842.060	979314.612	-2.832	9.049	-3.281	2.936	29.324
402299.7	6690008.7	9000	230	+0.396	3842.091	979314.643	-2.803	8.573	-3.109	2.662	27.780
402496.5	6690010.7	9000	250	+0.392	3841.857	979314.409	-3.037	8.572	-3.108	2.427	27.777
402700.6	6690010.2	9000	270	+0.387	3841.583	979314.135	-3.312	8.658	-3.140	2.207	28.057
402899.5	6690009.3	9000	290	+0.383	3840.774	979313.326	-4.123	9.444	-3.424	1.896	30.602
403096.5	6690009.4	9000	310	+0.378	3840.272	979312.824	-4.626	9.877	-3.581	1.669	32.006
403295.3	6690010.3	9000	330	+0.373	3839.919	979312.471	-4.980	10.110	-3.666	1.464	32.761
403498.8	6690006.6	9000	350	+0.368	3840.306	979312.858	-4.597	9.483	-3.438	1.448	30.728
403697.8	6690009.9	9000	370	+0.363	3840.611	979313.163	-4.291	8.949	-3.245	1.413	28.998
403898.6	6690009.4	9000	390	+0.358	3840.613	979313.165	-4.290	8.894	-3.225	1.379	28.822
404095.0	6690005.2	9000	410	+0.349	3840.560	979313.112	-4.347	8.922	-3.235	1.340	28.911
404297.5	6690007.4	9000	430	+0.344	3840.589	979313.141	-4.318	8.779	-3.183	1.278	28.448
404499.9	6690006.8	9000	450	+0.339	3840.682	979313.234	-4.227	8.570	-3.107	1.236	27.770
398299.1	6690015.3	9000	9830	+0.496	3844.670	979317.222	-0.194	9.521	-3.452	5.875	30.851
398495.8	6690010.6	9000	9850	+0.491	3844.435	979316.987	-0.434	9.741	-3.532	5.775	31.565
398699.6	6690010.7	9000	9870	+0.486	3844.244	979316.796	-0.626	9.783	-3.547	5.610	31.702
398893.8	6690009.2	9000	9890	+0.481	3844.061	979316.613	-0.811	9.799	-3.553	5.435	31.754
399095.8	6690008.5	9000	9910	+0.477	3844.263	979316.815	-0.611	9.393	-3.406	5.377	30.438
399297.1	6690010.5	9000	9930	+0.471	3844.197	979316.749	-0.677	9.486	-3.440	5.370	30.740
399501.8	6690009.2	9000	9950	+0.467	3844.159	979316.711	-0.717	9.380	-3.401	5.262	30.395
399701.8	6690010.1	9000	9970	+0.462	3843.945	979316.497	-0.932	9.492	-3.442	5.119	30.759
399894.5	6690008.0	9000	9990	+0.457	3843.915	979316.467	-0.964	9.445	-3.425	5.056	30.605
400100.9	6690808.1	9080	10	+0.189	3841.228	979313.780	-3.089	9.229	-3.347	2.794	29.907
400298.1	6690811.2	9080	30	+0.195	3841.541	979314.093	-2.775	8.599	-3.118	2.706	27.863
400502.2	6690805.0	9080	50	+0.201	3841.313	979313.865	-3.009	8.725	-3.164	2.553	28.274
400694.6	6690809.8	9080	70	+0.206	3841.391	979313.943	-2.928	8.345	-3.026	2.391	27.043
400900.1	6690810.3	9080	90	+0.211	3841.282	979313.834	-3.038	8.224	-2.982	2.204	26.649
401099.7	6690802.1	9080	110	+0.219	3841.258	979313.810	-3.069	8.063	-2.924	2.070	26.128
401295.3	6690807.4	9080	130	+0.249	3841.072	979313.624	-3.253	7.884	-2.859	1.773	25.549
401501.2	6690807.3	9080	150	+0.254	3840.938	979313.490	-3.388	7.743	-2.808	1.547	25.092
401696.7	6690807.8	9080	170	+0.259	3840.553	979313.105	-3.774	7.931	-2.876	1.281	25.700
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402298.4	6690808.6	9080	230	+0.276	3840.069	979312.621	-4.261	7.611	-2.760	0.590	24.662
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404401.0	6684405.4	8440	440	+0.295	3270.949	979318.637	-2.771	9.316	-3.378	3.167	30.189
404601.4	6684409.1	8440	460	+0.302	3270.966	979318.654	-2.753	9.100	-3.300	3.047	29.489
404803.0	6684412.5	8440	480	+0.310	3270.919	979318.607	-2.799	8.855	-3.211	2.845	28.693
405003.6	6684409.9	8440	500	+0.317	3270.841	979318.529	-2.880	8.714	-3.160	2.674	28.238
405206.8	6684407.4	8440	520	+0.324	3270.972	979318.660	-2.752	8.449	-3.064	2.634	27.379
405401.6	6684415.1	8440	540	+0.331	3270.774	979318.462	-2.946	8.513	-3.087	2.480	27.585
405602.9	6684411.1	8440	560	+0.338	3270.369	979318.057	-3.355	8.857	-3.212	2.291	28.702
405801.3	6684412.9	8440	580	+0.345	3270.266	979317.954	-3.458	8.774	-3.182	2.135	28.433
406000.6	6684408.1	8440	600	+0.351	3270.780	979318.468	-2.948	8.004	-2.902	2.154	25.938
406205.6	6684413.7	8440	620	+0.360	3270.760	979318.448	-2.966	7.876	-2.856	2.055	25.522
406403.8	6684408.7	8440	640	+0.367	3270.879	979318.567	-2.851	7.585	-2.750	1.984	24.580
406612.4	6684407.3	8440	660	+0.373	3270.686	979318.374	-3.047	7.406	-2.685	1.674	23.998
406798.1	6684408.9	8440	680	+0.380	3270.684	979318.372	-3.048	7.164	-2.598	1.518	23.213
407004.4	6684417.9	8440	700	+0.386	3270.333	979318.021	-3.394	6.991	-2.535	1.062	22.654
407204.0	6684406.2	8440	720	+0.393	3270.146	979317.834	-3.591	6.832	-2.477	0.764	22.139
407402.0	6684402.9	8440	740	+0.400	3270.066	979317.754	-3.674	6.426	-2.330	0.422	20.822
407610.2	6684407.7	8440	760	+0.406	3270.225	979317.913	-3.513	5.909	-2.143	0.253	19.148
407798.0	6684404.4	8440	780	+0.413	3270.349	979318.037	-3.392	5.576	-2.022	0.162	18.070
407999.3	6684404.6	8440	800	+0.419	3270.517	979318.205	-3.226	5.251	-1.904	0.122	17.016
400800.8	6685214.7	8520	80	+0.117	3271.044	979318.732	-2.083	10.189	-3.694	4.411	33.016
401000.9	6685208.9	8520	100	+0.125	3271.156	979318.844	-1.977	10.095	-3.660	4.457	32.711
401194.9	6685213.5	8520	120	+0.133	3271.137	979318.825	-1.994	9.919	-3.597	4.328	32.141
401399.8	6685215.8	8520	140	+0.140	3271.228	979318.916	-1.902	9.572	-3.471	4.199	31.018
401595.2	6685208.6	8520	160	+0.642	3271.737	979319.425	-1.400	9.474	-3.435	4.639	30.699
401791.3	6685211.7	8520	180	+0.636	3271.706	979319.394	-1.430	9.298	-3.371	4.497	30.129
401990.6	6685213.2	8520	200	+0.629	3271.534	979319.222	-1.602	9.142	-3.315	4.225	29.625
402198.0	6685200.7	8520	220	+0.622	3271.487	979319.175	-1.659	9.044	-3.279	4.105	29.306
402395.6	6685209.3	8520	240	+0.615	3271.382	979319.070	-1.759	8.973	-3.254	3.961	29.078
402602.3	6685213.4	8520	260	+0.609	3271.401	979319.089	-1.739	8.904	-3.229	3.937	28.854
402792.7	6685205.9	8520	280	+0.602	3271.377	979319.065	-1.769	8.919	-3.234	3.916	28.903
402993.4	6685202.0	8520	300	+0.596	3271.299	979318.987	-1.851	8.936	-3.240	3.845	28.957
403196.9	6685206.4	8520	320	+0.589	3271.118	979318.806	-2.030	9.082	-3.293	3.759	29.431
403393.0	6685210.5	8520	340	+0.583	3270.987	979318.675	-2.160	9.126	-3.309	3.657	29.572
403595.6	6685205.3	8520	360	+0.570	3270.728	979318.416	-2.423	9.212	-3.340	3.448	29.851
403799.0	6685213.9	8520	380	+0.564	3270.225	979317.913	-2.922	9.400	-3.408	3.070	30.459
403997.3	6685203.4	8520	400	+0.557	3270.008	979317.696	-3.147	9.338	-3.386	2.805	30.258
404190.3	6685213.1	8520	420	+0.551	3269.466	979317.154	-3.684	9.440	-3.423	2.334	30.591
404390.6	6685210.0	8520	440	+0.544	3269.127	979316.815	-4.026	9.414	-3.414	1.975	30.507
404593.9	6685202.6	8520	460	+0.537	3268.948	979316.636	-4.211	9.247	-3.353	1.683	29.965
404794.8	6685205.3	8520	480	+0.526	3268.647	979316.335	-4.512	9.250	-3.354	1.384	29.973
404991.8	6685209.3	8520	500	+0.520	3268.440	979316.128	-4.717	9.265	-3.360	1.188	30.023
405195.6	6685211.0	8520	520	+0.513	3268.260	979315.948	-4.897	9.293	-3.370	1.026	30.114
405400.4	6685206.3	8520	540	+0.507	3268.139	979315.827	-5.023	9.263	-3.359	0.881	30.015
405600.9	6685210.4	8520	560	+0.500	3267.990	979315.678	-5.170	9.220	-3.343	0.707	29.877
405797.7	6685210.5	8520	580	+0.493	3267.903	979315.591	-5.258	9.156	-3.320	0.578	29.670
405995.4	6685209.6	8520	600	+0.487	3267.808	979315.496	-5.355	9.152	-3.318	0.478	29.655
406193.1	6685213.8	8520	620	+0.480	3267.678	979315.366	-5.483	9.008	-3.266	0.259	29.191
406405.1	6685210.8	8520	640	+0.472	3267.669	979315.357	-5.496	8.798	-3.190	0.112	28.509
406601.3	6685207.8	8520	660	+0.466	3267.663	979315.351	-5.505	8.615	-3.124	-0.014	27.915
406791.7	6685208.1	8520	680	+0.459	3267.473	979315.161	-5.696	8.790	-3.187	-0.093	28.484
406989.2	6685210.7	8520	700	+0.452	3267.515	979315.203	-5.653	8.735	-3.167	-0.086	28.305
407191.6	6685213.1	8520	720	+0.445	3267.731	979315.419	-5.437	8.376	-3.037	-0.098	27.143
407396.4	6685212.2	8520	740	+0.432	3268.610	979316.298	-4.560	7.073	-2.565	-0.051	22.919
400206.3	6686011.8	8600	20	+0.187	3270.948	979318.636	-1.614	10.816	-3.922	5.280	35.047
400404.2	6686009.6	8600	40	+0.180	3271.076	979318.764	-1.488	10.524	-3.816	5.220	34.104
400606.8	6686010.5	8600	60	+0.173	3271.404	979319.092	-1.161	10.145	-3.679	5.305	32.874
400802.6	6686010.6	8600	80	+0.167	3271.432	979319.120	-1.134	10.091	-3.659	5.298	32.700
401006.0	6686007.4	8600	100	+0.160	3271.410	979319.098	-1.160	9.973	-3.616	5.197	32.316
401196.3	6686017.1	8600	120	+0.153	3271.465	979319.153	-1.099	9.787	-3.549	5.139	31.715
401397.6	6686012.0	8600	140	+0.654	3271.865	979319.553	-0.704	9.663	-3.504	5.455	31.311
401605.2	6686011.4	8600	160	+0.661	3271.805	979319.493	-0.766	9.491	-3.441	5.284	30.754
401792.0	6686018.0	8600	180	+0.668	3271.678	979319.366	-0.889	9.320	-3.379	5.051	30.201
402006.6	6686011.8	8600	200	+0.676	3271.679	979319.367	-0.894	8.984	-3.258	4.832	29.111
402200.9	6686011.5	8600	220	+0.683	3271.652	979319.340	-0.922	8.768	-3.179	4.667	28.413
402402.6	6686010.2	8600	240	+0.690	3271.622	979319.310	-0.955	8.623	-3.127	4.541	27.941
402602.7	6686007.6	8600	260	+0.697	3271.620	979319.308	-0.960	8.503	-3.083	4.460	27.552
402794.8	6686011.7	8600	280	+0.704	3271.564	979319.252	-1.014	8.449	-3.063	4.371	27.377
402999.5	6686012.7	8600	300	+0.711	3271.522	979319.210	-1.057	8.349	-3.027	4.265	27.054
403193.6	6686012.1	8600	320	+0.718	3271.391	979319.079	-1.189	8.291	-3.006	4.096	26.867
403398.0	6686006.3	8600	340	+0.725	3271.222	979318.910	-1.364	8.232	-2.985	3.884	26.676
403601.3	6686005.9	8600	360	+0.732	3270.822	979318.510	-1.765	8.343	-3.025	3.553	27.036
403798.4	6686015.6	8600	380	+0.739	3270.377	979318.065	-2.204	8.467	-3.070	3.193	27.438
404002.3	6686005.2	8600	400	+0.745	3269.860	979317.548	-2.730	8.577	-3.110	2.737	27.794
404206.9	6686012.7	8600	420	+0.752	3269.579	979317.267	-3.007	8.459	-3.067	2.385	27.410
404398.6	6686010.6	8600	440	+0.759	3269.431	979317.119	-3.158	8.356	-3.030	2.168	27.076
404598.4	6686009.6	8600	460	+0.767	3269.204	979316.892	-3.386	8.225	-2.983	1.856	26.654
404806.0	6686007.8	8600	480	+0.773	3268.910	979316.598	-3.683	8.303	-3.011	1.609	26.905
405000.6	6686010.2	8600	500	+0.780	3268.742	979316.430	-3.851	8.274	-3.000	1.423	26.812
405193.7	6686004.5	8600	520	+0.787	3268.531	979316.219	-4.067	8.307	-3.012	1.228	26.919
405401.8	6686017.0	8600	540	+0.793	3268.367	979316.055	-4.223	8.286	-3.005	1.058	26.850
405603.4	6686012.4	8600	560	+0.800	3268.323	979316.011	-4.272	8.126	-2.946	0.908	26.331
405796.2	6686013.8	8600	580	+0.806	3268.170	979315.858	-4.425	8.244	-2.989	0.830	26.715
405990.2	6686017.7	8600	600	+0.812	3267.983	979315.671	-4.610	8.502	-3.083	0.809	27.551

406207.9	6686028.5	8600	620	+0.821	3267.774	979315.462	-4.813	8.786	-3.186	0.787	28.469
406400.2	6686010.1	8600	640	+0.827	3267.683	979315.371	-4.918	8.904	-3.229	0.757	28.852
406596.9	6686008.2	8600	660	+0.833	3268.041	979315.729	-4.562	8.499	-3.082	0.855	27.541
406796.0	6686005.6	8600	680	+0.839	3268.495	979316.183	-4.111	8.042	-2.916	1.014	26.059
407001.1	6686005.7	8600	700	+0.846	3268.966	979316.654	-3.642	7.611	-2.760	1.209	24.662
407194.9	6686006.5	8600	720	+0.852	3269.433	979317.121	-3.175	7.233	-2.623	1.435	23.437
407392.6	6686007.7	8600	740	+0.859	3269.880	979317.568	-2.729	6.893	-2.500	1.665	22.337

Area C

COORDS		GRID		drift	corr'd	obs	anom	freeair	bouguer	bouguer	h
E	N	x	y		meter	mgal		corrn	corrn	anom (2.67)	(AHD)
D104											
434857.4	6673523.7	0	1301	+0.000	3825.525	979321.640	-7.607	10.259	-3.720	-1.068	33.243
434857.4	6673523.7	0	1301	+0.000	3825.525	979321.640	-7.607	10.259	-3.720	-1.068	33.243
434857.4	6673523.7	0	1301	+0.330	3825.525	979321.640	-7.607	10.259	-3.720	-1.068	33.243
434857.4	6673523.7	0	1301	+0.000	3825.195	979321.640	-7.607	10.259	-3.720	-1.068	33.243
425188.2	6672208.0	0	1306	+0.213	3830.883	979326.998	-3.136	6.318	-2.291	0.891	20.474
425188.2	6672208.0	0	1306	+0.215	3830.880	979326.995	-3.139	6.318	-2.291	0.888	20.474
425188.2	6672208.0	0	1306	+0.302	3830.847	979326.962	-3.172	6.318	-2.291	0.855	20.474
425188.2	6672208.0	0	1306	+0.304	3830.854	979326.969	-3.165	6.318	-2.291	0.862	20.474
423604.6	6669516.4	6950	2360	+0.284	3833.409	979329.524	-2.505	4.392	-1.593	0.294	14.233
423802.0	6669516.6	6950	2380	+0.281	3833.506	979329.621	-2.409	4.156	-1.507	0.240	13.468
424001.0	6669508.9	6950	2400	+0.277	3833.472	979329.587	-2.450	4.284	-1.554	0.281	13.883
424199.0	6669518.5	6950	2420	+0.274	3833.494	979329.609	-2.422	4.396	-1.594	0.380	14.244
424401.0	6669515.2	6950	2440	+0.270	3833.260	979329.375	-2.659	4.796	-1.739	0.398	15.541
424599.2	6669512.9	6950	2460	+0.267	3832.797	979328.912	-3.125	5.536	-2.007	0.404	17.938
424803.4	6669513.5	6950	2480	+0.264	3832.474	979328.589	-3.448	6.017	-2.182	0.387	19.499
424997.7	6669513.6	6950	2500	+0.261	3832.036	979328.151	-3.887	6.644	-2.409	0.348	21.529
425204.8	6669512.5	6950	2520	+0.258	3831.418	979327.533	-4.507	7.497	-2.718	0.271	24.292
425401.6	6669515.2	6950	2540	+0.254	3831.694	979327.809	-4.230	7.127	-2.584	0.313	23.095
425593.0	6669514.0	6950	2560	+0.251	3831.721	979327.836	-4.205	7.030	-2.549	0.276	22.780
425799.6	6669512.9	6950	2580	+0.248	3832.183	979328.298	-3.744	6.359	-2.306	0.309	20.606
426003.5	6669507.7	6950	2600	+0.244	3832.204	979328.319	-3.728	6.285	-2.279	0.278	20.366
426195.6	6669508.9	6950	2620	+0.241	3831.986	979328.101	-3.946	6.609	-2.397	0.267	21.417
426400.8	6669514.9	6950	2640	+0.237	3831.967	979328.082	-3.962	6.627	-2.403	0.262	21.475
423301.6	6670310.9	7030	2330	+0.293	3833.458	979329.573	-1.893	4.588	-1.664	1.031	14.866
D104											
425188.2	6672208.0	0	1306	+0.000	3277.875	979327.028	-3.106	6.318	-2.291	0.921	20.474
425188.2	6672208.0	0	1306	+0.004	3277.875	979327.028	-3.106	6.318	-2.291	0.921	20.474
425188.2	6672208.0	0	1306	+0.101	3277.871	979327.028	-3.106	6.318	-2.291	0.921	20.474
425188.2	6672208.0	0	1306	-0.001	3277.770	979327.028	-3.106	6.318	-2.291	0.921	20.474
423301.6	6670310.9	7030	2330	+0.074	3280.477	979329.634	-1.832	4.588	-1.664	1.092	14.866
423497.1	6670310.8	7030	2350	+0.071	3280.597	979329.754	-1.713	3.721	-1.349	0.659	12.059
423700.5	6670311.0	7030	2370	+0.069	3280.647	979329.804	-1.664	3.652	-1.324	0.664	11.835
423897.8	6670313.8	7030	2390	+0.067	3280.498	979329.655	-1.812	3.789	-1.374	0.604	12.279
424101.1	6670313.9	7030	2410	+0.064	3280.565	979329.722	-1.746	3.855	-1.398	0.711	12.492
424296.6	6670315.7	7030	2430	+0.061	3280.516	979329.673	-1.795	4.011	-1.454	0.762	12.998
424499.6	6670311.5	7030	2450	+0.058	3280.223	979329.380	-2.091	4.645	-1.684	0.869	15.051
424694.7	6670311.4	7030	2470	+0.056	3279.819	979328.976	-2.496	5.253	-1.905	0.852	17.022
424899.3	6670306.6	7030	2490	+0.053	3279.104	979328.261	-3.216	6.246	-2.265	0.766	20.240
425100.0	6670311.3	7030	2510	+0.051	3279.232	979328.389	-3.085	6.116	-2.218	0.813	19.818
425294.1	6670306.8	7030	2530	+0.049	3278.514	979327.671	-3.808	6.779	-2.458	0.513	21.967
425499.1	6670310.5	7030	2550	+0.046	3279.099	979328.256	-3.221	5.949	-2.157	0.571	19.276
425693.3	6670311.8	7030	2570	+0.043	3279.310	979328.467	-3.010	5.434	-1.970	0.454	17.609
425900.4	6670312.4	7030	2590	+0.040	3279.156	979328.313	-3.165	5.409	-1.961	0.283	17.527
426098.0	6670311.1	7030	2610	+0.038	3279.089	979328.246	-3.233	5.449	-1.976	0.240	17.657
423800.9	6671116.6	7110	2380	+0.080	3280.187	979329.344	-1.555	4.254	-1.543	1.157	13.786
423999.4	6671105.1	7110	2400	+0.082	3280.160	979329.317	-1.591	4.149	-1.504	1.053	13.443
424195.7	6671114.1	7110	2420	+0.084	3279.813	979328.970	-1.932	4.589	-1.664	0.993	14.870
424402.3	6671110.9	7110	2440	+0.086	3279.298	979328.455	-2.451	5.283	-1.916	0.917	17.119
424598.6	6671110.4	7110	2460	+0.089	3278.689	979327.846	-3.061	6.071	-2.201	0.809	19.673
424800.6	6671112.3	7110	2480	+0.091	3278.124	979327.281	-3.626	6.819	-2.473	0.721	22.096
424999.2	6671112.1	7110	2500	+0.019	3278.338	979327.495	-3.413	6.548	-2.374	0.761	21.217
424999.2	6671112.2	7110	2501	+0.094	3278.315	979327.472	-3.436	6.545	-2.373	0.736	21.210
425200.8	6671112.8	7110	2520	+0.022	3278.393	979327.550	-3.358	6.407	-2.323	0.726	20.761
425403.8	6671109.7	7110	2540	+0.024	3278.959	979328.116	-2.795	5.864	-2.126	0.943	19.003
425600.9	6671118.0	7110	2560	+0.026	3278.776	979327.933	-2.973	5.860	-2.125	0.762	18.990
425799.3	6671109.6	7110	2580	+0.029	3278.072	979327.229	-3.684	6.519	-2.364	0.471	21.123
425997.6	6671109.3	7110	2600	+0.032	3277.897	979327.054	-3.861	6.631	-2.404	0.366	21.486

Area D

COORDS E	COORDS N	GRID x	GRID y	drift	corr'd meter	obs mgal	anom	freeair corrn	bouguer corrn	bouguer anom (2.67)	h (AHD)
D101											
434857.4	6673523.7	0	1301	+0.000	3825.650	979321.640	-7.607	10.259	-3.720	-1.068	33.243
434857.4	6673523.7	0	1301	+0.010	3825.650	979321.640	-7.607	10.259	-3.720	-1.068	33.243
434857.4	6673523.7	0	1301	+0.040	3825.640	979321.640	-7.607	10.259	-3.720	-1.068	33.243
434857.4	6673523.7	0	1301	-0.005	3825.600	979321.640	-7.607	10.259	-3.720	-1.068	33.243
433599.5	6673507.9	3360	7350	+0.027	3826.752	979322.752	-6.501	9.210	-3.339	-0.631	29.843
433599.8	6673713.8	3360	7370	+0.027	3826.097	979322.097	-7.011	9.869	-3.578	-0.720	31.979
433603.0	6673911.8	3360	7390	+0.028	3826.073	979322.073	-6.895	9.761	-3.539	-0.673	31.630
433599.8	6674116.5	3360	7410	+0.028	3826.093	979322.093	-6.730	9.676	-3.509	-0.563	31.354
433599.0	6674314.2	3360	7430	+0.029	3825.774	979321.774	-6.909	10.027	-3.636	-0.518	32.493
433597.1	6674507.6	3360	7450	+0.029	3826.269	979322.269	-6.278	9.282	-3.366	-0.362	30.077
433597.1	6674713.2	3360	7470	+0.029	3825.329	979321.329	-7.072	10.198	-3.698	-0.572	33.046
433599.1	6674914.7	3360	7490	+0.030	3825.515	979321.515	-6.744	9.597	-3.480	-0.627	31.100
433599.7	6675105.4	3360	7510	+0.030	3825.105	979321.105	-7.019	9.640	-3.496	-0.875	31.239
433599.5	6675318.6	3360	7530	+0.031	3825.146	979321.146	-6.828	8.971	-3.253	-1.110	29.070
433601.7	6675515.7	3360	7550	+0.031	3824.601	979320.601	-7.234	9.058	-3.284	-1.460	29.352
433597.2	6675712.0	3360	7570	+0.032	3824.612	979320.612	-7.084	8.486	-3.077	-1.675	27.499
433596.1	6675907.8	3360	7590	+0.032	3823.367	979319.367	-8.191	9.678	-3.509	-2.022	31.361
433598.2	6676108.2	3360	7610	+0.033	3823.943	979319.943	-7.473	8.538	-3.096	-2.031	27.666
433599.6	6676308.3	3360	7630	+0.033	3822.438	979318.438	-8.837	10.271	-3.724	-2.290	33.282
433603.9	6676512.5	3360	7650	+0.034	3823.709	979319.709	-7.421	8.402	-3.047	-2.066	27.227
433601.9	6676714.9	3360	7670	+0.034	3822.464	979318.464	-8.523	9.910	-3.593	-2.207	32.113
433595.4	6676913.3	3360	7690	+0.034	3824.029	979320.029	-6.818	7.791	-2.825	-1.853	25.245
433604.5	6677112.7	3360	7710	+0.035	3824.055	979320.055	-6.651	7.759	-2.813	-1.706	25.142
433606.1	6677308.3	3360	7730	+0.035	3824.075	979320.075	-6.493	7.683	-2.786	-1.596	24.896
433602.8	6677518.0	3360	7750	+0.036	3824.476	979320.476	-5.944	7.182	-2.604	-1.367	23.272
433597.5	6677709.4	3360	7770	+0.036	3824.401	979320.401	-5.884	7.195	-2.609	-1.298	23.316
433602.4	6677909.4	3360	7790	+0.036	3823.741	979319.741	-6.403	8.048	-2.918	-1.273	26.079
433598.9	6678109.4	3360	7810	+0.037	3823.717	979319.717	-6.286	8.007	-2.903	-1.182	25.946
433591.3	6678308.1	3360	7830	+0.037	3823.742	979319.742	-6.120	7.891	-2.861	-1.090	25.571
433595.0	6678509.5	3360	7850	+0.038	3823.803	979319.803	-5.917	7.757	-2.813	-0.973	25.135
433593.4	6678716.4	3360	7870	+0.038	3823.708	979319.708	-5.866	7.760	-2.814	-0.919	25.147
434400.8	6673615.3	3440	7360	+0.025	3825.150	979321.150	-8.031	10.887	-3.948	-1.091	35.280
434396.8	6673806.8	3440	7380	+0.024	3826.394	979322.394	-6.651	8.867	-3.215	-1.000	28.732
434403.9	6674012.9	3440	7400	+0.024	3826.269	979322.269	-6.631	8.717	-3.161	-1.075	28.246
434404.8	6674207.8	3440	7420	+0.024	3824.894	979320.894	-7.868	10.338	-3.749	-1.278	33.500
434399.6	6674410.9	3440	7440	+0.023	3826.073	979322.073	-6.545	8.491	-3.079	-1.134	27.513
434396.3	6674614.9	3440	7460	+0.023	3825.093	979321.093	-7.381	9.416	-3.414	-1.379	30.513
434395.8	6674812.7	3440	7480	+0.022	3826.137	979322.137	-6.198	7.594	-2.754	-1.357	24.608
434393.2	6675003.2	3440	7500	+0.022	3825.927	979321.927	-6.273	7.484	-2.714	-1.502	24.253
434402.7	6675218.8	3440	7520	+0.022	3824.357	979320.357	-7.691	9.109	-3.303	-1.885	29.517
434404.5	6675409.5	3440	7540	+0.021	3824.411	979320.411	-7.502	8.671	-3.144	-1.975	28.098
434405.7	6675604.9	3440	7560	+0.021	3823.386	979319.386	-8.389	9.619	-3.488	-2.258	31.169
434406.9	6675812.0	3440	7580	+0.020	3824.100	979320.100	-7.529	8.463	-3.069	-2.135	27.423
434405.7	6676011.5	3440	7600	+0.020	3824.080	979320.080	-7.408	8.205	-2.975	-2.178	26.587
434407.0	6676208.2	3440	7620	+0.019	3823.769	979319.769	-7.580	8.418	-3.053	-2.214	27.279
434399.4	6676405.4	3440	7640	+0.019	3823.814	979319.814	-7.395	8.079	-2.930	-2.245	26.181
434395.7	6676614.9	3440	7660	+0.019	3822.754	979318.754	-8.307	9.422	-3.417	-2.302	30.532
434397.9	6676809.9	3440	7680	+0.018	3823.603	979319.603	-7.321	8.251	-2.992	-2.062	26.736
434407.7	6677009.0	3440	7700	+0.018	3823.168	979319.168	-7.615	8.726	-3.164	-2.053	28.275
434396.6	6677211.9	3440	7720	+0.017	3822.987	979318.987	-7.653	8.795	-3.189	-2.047	28.500
434399.4	6677413.9	3440	7740	+0.017	3824.172	979320.172	-6.325	7.130	-2.585	-1.781	23.103
434403.0	6677604.3	3440	7760	+0.017	3824.227	979320.227	-6.136	7.060	-2.560	-1.636	22.877
434397.5	6677806.7	3440	7780	+0.016	3824.206	979320.206	-6.014	7.058	-2.559	-1.515	22.872
434401.0	6678015.2	3440	7800	+0.016	3824.161	979320.161	-5.911	7.081	-2.567	-1.398	22.944
434404.0	6678212.3	3440	7820	+0.015	3823.965	979319.965	-5.968	7.308	-2.650	-1.310	23.682
434400.6	6678412.7	3440	7840	+0.015	3823.875	979319.875	-5.917	7.371	-2.673	-1.219	23.885
435196.9	6673610.2	3520	7360	+0.004	3825.764	979321.764	-7.424	9.934	-3.602	-1.092	32.190
435196.5	6673803.2	3520	7380	+0.006	3826.416	979322.416	-6.635	9.014	-3.268	-0.890	29.209
435192.8	6674015.9	3520	7400	+0.006	3825.591	979321.591	-7.310	9.210	-3.340	-1.439	29.845
435195.3	6674208.1	3520	7420	+0.007	3825.897	979321.897	-6.868	8.299	-3.009	-1.578	26.892
435199.3	6674404.5	3520	7440	+0.007	3824.882	979320.882	-7.744	9.268	-3.361	-1.837	30.032
435192.1	6674615.0	3520	7460	+0.008	3825.148	979321.148	-7.330	8.386	-3.041	-1.984	27.174
435201.2	6674807.9	3520	7480	+0.008	3824.853	979320.853	-7.488	8.419	-3.053	-2.122	27.282
435192.6	6675010.0	3520	7500	+0.008	3824.883	979320.883	-7.315	7.942	-2.880	-2.253	25.737
435194.0	6675209.0	3520	7520	+0.009	3825.029	979321.029	-7.029	7.474	-2.710	-2.265	24.219
435194.8	6675413.6	3520	7540	+0.009	3824.839	979320.839	-7.074	7.391	-2.680	-2.363	23.951
435197.3	6675607.5	3520	7560	+0.009	3824.679	979320.679	-7.097	7.399	-2.683	-2.381	23.977
435192.8	6675811.4	3520	7580	+0.010	3824.580	979320.580	-7.052	7.393	-2.681	-2.340	23.955
435193.0	6676006.5	3520	7600	+0.010	3824.415	979320.415	-7.080	7.458	-2.704	-2.326	24.167
435195.1	6676211.7	3520	7620	+0.010	3824.365	979320.365	-6.985	7.538	-2.733	-2.180	24.426
435196.7	6676407.5	3520	7640	+0.011	3823.801	979319.801	-7.410	8.171	-2.963	-2.202	26.477
435199.7	6676612.4	3520	7660	+0.011	3823.031	979319.031	-8.035	9.134	-3.312	-2.213	29.599
435199.2	6676811.3	3520	7680	+0.012	3823.572	979319.572	-7.354	8.274	-3.000	-2.080	26.810
435198.4	6677010.6	3520	7700	+0.013	3823.723	979319.723	-7.062	7.922	-2.873	-2.013	25.672
435197.5	6677204.9	3520	7720	+0.013	3823.288	979319.288	-7.360	8.366	-3.033	-2.028	27.108
435201.4	6677404.8	3520	7740	+0.013	3821.203	979317.203	-9.304	11.051	-4.007	-2.260	35.810
435196.0	6677605.5	3520	7760	+0.014	3822.059	979318.059	-8.306	9.889	-3.586	-2.003	32.046
D102											

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  434857.4 6673523.7    0 1301 +0.000 3825.400 979321.640 -7.607 10.259  -3.720  -1.068  33.243
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D103
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433599.2	6666816.9	3360	6680	-0.050	3831.350	979327.580	-6.405	11.212	-4.066	0.742	36.332
433600.0	6667017.3	3360	6700	-0.049	3832.696	979328.926	-4.917	9.542	-3.460	1.165	30.919
433603.2	6667213.5	3360	6720	-0.047	3832.743	979328.973	-4.731	9.493	-3.442	1.320	30.763
433598.1	6667418.0	3360	6740	-0.046	3832.649	979328.879	-4.681	9.496	-3.443	1.372	30.771
433600.0	6667617.4	3360	6760	-0.045	3832.660	979328.890	-4.528	9.285	-3.367	1.390	30.089
433600.8	6667806.2	3360	6780	-0.043	3831.877	979328.107	-5.178	10.104	-3.664	1.263	32.742
433606.5	6668006.9	3360	6800	-0.042	3831.808	979328.038	-5.105	9.765	-3.541	1.119	31.642
433595.5	6668209.8	3360	6820	-0.041	3831.794	979328.024	-4.975	9.207	-3.339	0.893	29.835
433596.7	6668411.1	3360	6840	-0.040	3830.010	979326.240	-6.617	11.028	-3.999	0.412	35.734
433600.7	6668601.6	3360	6860	-0.038	3830.122	979326.352	-6.370	10.346	-3.751	0.224	33.525
433596.3	6668819.5	3360	6880	-0.037	3830.128	979326.358	-6.210	9.538	-3.458	-0.131	30.906
433600.5	6669007.5	3360	6900	-0.035	3830.265	979326.495	-5.940	9.341	-3.387	0.014	30.268
433594.0	6669200.4	3360	6920	-0.034	3830.386	979326.616	-5.683	8.934	-3.239	0.012	28.950
433593.8	6669404.8	3360	6940	-0.032	3828.888	979325.118	-7.036	10.704	-3.881	-0.213	34.687
433596.8	6669614.3	3360	6960	-0.031	3829.629	979325.859	-6.147	9.603	-3.482	-0.026	31.118
433600.0	6669802.3	3360	6980	-0.030	3829.790	979326.020	-5.853	9.368	-3.397	0.118	30.356
433601.6	6670010.2	3360	7000	-0.028	3830.642	979326.872	-4.854	8.209	-2.977	0.378	26.600
433599.9	6670206.9	3360	7020	-0.027	3830.393	979326.623	-4.964	8.444	-3.062	0.418	27.361
433603.2	6670407.6	3360	7040	-0.025	3830.505	979326.735	-4.710	8.326	-3.019	0.597	26.979
433602.9	6670609.7	3360	7060	-0.023	3829.347	979325.577	-5.725	9.788	-3.549	0.514	31.717
433603.4	6670812.2	3360	7080	-0.022	3829.913	979326.143	-5.016	8.936	-3.240	0.680	28.957
433604.0	6671016.1	3360	7100	-0.021	3829.859	979326.089	-4.926	8.941	-3.242	0.774	28.974
433608.2	6671209.4	3360	7120	-0.019	3829.566	979325.796	-5.082	9.224	-3.345	0.798	29.891
434402.9	6666817.9	3440	6680	-0.055	3833.035	979329.265	-4.723	9.675	-3.508	1.444	31.350
434399.0	6667024.7	3440	6700	-0.057	3833.138	979329.368	-4.473	9.688	-3.513	1.702	31.395
434402.5	6667207.2	3440	6720	-0.059	3831.761	979327.991	-5.721	11.745	-4.259	1.765	38.059
434398.8	6667410.4	3440	6740	-0.060	3833.330	979329.560	-4.008	9.558	-3.466	2.084	30.973
434404.7	6667611.6	3440	6760	-0.061	3832.714	979328.944	-4.482	10.122	-3.670	1.970	32.799
434401.0	6667820.5	3440	6780	-0.063	3832.377	979328.607	-4.671	10.337	-3.748	1.918	33.498
434394.3	6668017.5	3440	6800	-0.064	3831.746	979327.976	-5.163	10.892	-3.950	1.780	35.296
434399.0	6668206.7	3440	6820	-0.065	3829.545	979325.775	-7.230	13.339	-4.837	1.272	43.225
434393.0	6668412.6	3440	6840	-0.067	3831.988	979328.218	-4.641	9.884	-3.584	1.659	32.029
434396.4	6668621.2	3440	6860	-0.069	3830.826	979327.056	-5.656	10.895	-3.951	1.289	35.306
434398.7	6668803.3	3440	6880	-0.070	3830.205	979326.435	-6.148	11.327	-4.107	1.072	36.706
434396.9	6669008.8	3440	6900	-0.071	3830.919	979327.149	-5.289	10.078	-3.654	1.135	32.656
434400.1	6669210.5	3440	6920	-0.072	3830.723	979326.953	-5.342	9.978	-3.618	1.018	32.332
434398.5	6669410.0	3440	6940	-0.074	3829.636	979325.866	-6.288	11.190	-4.057	0.845	36.260
434398.0	6669610.0	3440	6960	-0.075	3830.845	979327.075	-4.937	9.408	-3.411	1.059	30.486
434398.5	6669808.2	3440	6980	-0.076	3830.324	979326.554	-5.318	9.843	-3.569	0.956	31.897
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434400.6	6670205.2	3440	7020	-0.079	3830.436	979326.666	-4.925	9.656	-3.501	1.229	31.289
434401.0	6670411.8	3440	7040	-0.081	3830.209	979326.439	-5.006	9.829	-3.564	1.259	31.850
434401.4	6670605.7	3440	7060	-0.082	3830.358	979326.588	-4.720	9.231	-3.347	1.164	29.914
434401.9	6670806.8	3440	7080	-0.083	3829.987	979326.217	-4.949	9.526	-3.454	1.123	30.868
434395.7	6671006.3	3440	7100	-0.084	3828.901	979325.131	-5.894	10.737	-3.893	0.950	34.792
434401.7	6671212.4	3440	7120	-0.086	3829.484	979325.714	-5.165	9.488	-3.440	0.882	30.744
435202.6	6666911.8	3520	6690	-0.133	3833.027	979329.257	-4.667	9.734	-3.530	1.537	31.543
435201.3	6667112.9	3520	6710	-0.132	3833.008	979329.238	-4.544	9.772	-3.543	1.684	31.664
435202.3	6667308.8	3520	6730	-0.130	3832.695	979328.925	-4.718	10.199	-3.698	1.782	33.048
435203.6	6667499.2	3520	6750	-0.129	3831.976	979328.206	-5.303	11.121	-4.033	1.786	36.038
435196.8	6667705.5	3520	6770	-0.127	3833.048	979329.278	-4.085	9.573	-3.471	2.017	31.020
435202.6	6667919.1	3520	6790	-0.117	3832.938	979329.168	-4.044	7.855	-2.848	0.963	25.455
435202.6	6668114.4	3520	6810	-0.116	3832.109	979328.339	-4.735	10.628	-3.854	2.040	34.438
435197.8	6668311.1	3520	6830	-0.115	3831.190	979327.420	-5.514	11.616	-4.212	1.890	37.641
435198.4	6668514.1	3520	6850	-0.113	3831.097	979327.327	-5.464	11.450	-4.152	1.834	37.103
435193.5	6668701.4	3520	6870	-0.112	3831.673	979327.903	-4.755	10.366	-3.759	1.852	33.590
435198.5	6668906.3	3520	6890	-0.111	3831.534	979327.764	-4.749	10.184	-3.693	1.742	33.000
435202.5	6669117.6	3520	6910	-0.109	3830.441	979326.671	-5.693	11.218	-4.068	1.457	36.351
435202.3	6669302.9	3520	6930	-0.108	3830.397	979326.627	-5.606	11.066	-4.013	1.448	35.860
435199.8	6669512.1	3520	6950	-0.106	3831.089	979327.319	-4.766	9.813	-3.558	1.489	31.800
435199.9	6669712.4	3520	6970	-0.105	3831.230	979327.460	-4.483	9.415	-3.414	1.518	30.509
435203.3	6669908.7	3520	6990	-0.104	3831.076	979327.306	-4.498	9.420	-3.416	1.506	30.525
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435205.8	6670305.5	3520	7030	-0.101	3830.449	979326.679	-4.845	9.826	-3.563	1.418	31.839
435196.1	6670504.3	3520	7050	-0.100	3830.435	979326.665	-4.718	9.688	-3.513	1.457	31.393
435201.6	6670713.2	3520	7070	-0.099	3829.266	979325.496	-5.740	10.956	-3.973	1.244	35.503
435198.3	6670912.1	3520	7090	-0.098	3830.422	979326.652	-4.443	9.290	-3.369	1.479	30.104
435200.9	6671111.8	3520	7110	-0.096	3830.554	979326.784	-4.170	8.871	-3.217	1.485	28.747
435198.3	6671309.8	3520	7130	-0.095	3830.295	979326.525	-4.289	8.927	-3.237	1.401	28.926
435197.6	6673609.9	3520	7360	-0.164	3825.531	979321.761	-7.427	9.960	-3.612	-1.078	32.275
435996.9	6667513.1	3600	6750	-0.135	3832.805	979329.035	-4.467	10.072	-3.652	1.953	32.638
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436000.0	6667908.6	3600	6790	-0.139	3831.216	979327.446	-5.776	12.078	-4.379	1.922	39.137
435994.5	6668104.5	3600	6810	-0.140	3832.045	979328.275	-4.809	10.809	-3.919	2.081	35.026
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435999.9	6668707.6	3600	6870	-0.144	3830.241	979326.471	-6.186	12.446	-4.513	1.747	40.332
436000.0	6668910.7	3600	6890	-0.145	3830.915	979327.145	-5.369	11.266	-4.085	1.813	36.508
436000.3	6669110.0	3600	6910	-0.147	3830.763	979326.993	-5.380	11.169	-4.050	1.740	36.193
436000.8	6669310.3	3600	6930	-0.148	3830.567	979326.797	-5.434	11.139	-4.039	1.666	36.096
436003.1	6669509.3	3600	6950	-0.149	3830.931	979327.161	-4.929	10.223	-3.707	1.587	33.128
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	436001.5	6670111.7	3600	7010	-0.153	3830.352	979326.582	-5.082	10.000	-3.626	1.292	32.405
	435999.7	6670308.5	3600	7030	-0.154	3829.646	979325.876	-5.649	10.999	-3.988	1.362	35.641
	436005.2	6670510.5	3600	7050	-0.155	3830.080	979326.310	-5.072	10.321	-3.742	1.506	33.443
	435998.8	6670910.7	3600	7090	-0.158	3828.312	979324.542	-6.557	12.121	-4.395	1.169	39.277
	435999.7	6671109.5	3600	7110	-0.159	3829.591	979325.821	-5.138	10.195	-3.697	1.361	33.037
D103												
	434857.4	6673523.7	0	1301	+0.000	3272.482	979321.640	-7.607	10.259	-3.720	-1.068	33.243
	434857.4	6673523.7	0	1301	+0.009	3272.482	979321.640	-7.607	10.259	-3.720	-1.068	33.243
	434857.4	6673523.7	0	1301	-0.047	3272.473	979321.640	-7.607	10.259	-3.720	-1.068	33.243
	434857.4	6673523.7	0	1301	+0.002	3272.520	979321.640	-7.607	10.259	-3.720	-1.068	33.243
	431199.5	6678708.3	3120	7870	-0.016	3272.313	979321.480	-4.089	6.860	-2.487	0.283	22.228
	431996.6	6678910.6	3200	7890	-0.013	3271.518	979320.685	-4.745	7.217	-2.617	-0.145	23.386
	431994.6	6679114.9	3200	7910	-0.012	3271.415	979320.582	-4.704	7.133	-2.586	-0.157	23.113
	432002.1	6679308.5	3200	7930	-0.011	3271.210	979320.377	-4.772	7.195	-2.609	-0.186	23.316
	432802.0	6674616.1	3280	7460	-0.004	3272.784	979321.951	-6.516	9.434	-3.421	-0.503	30.569
D104												
	434857.4	6673523.7	0	1301	+0.000	3825.525	979321.640	-7.607	10.259	-3.720	-1.068	33.243
	434857.4	6673523.7	0	1301	+0.000	3825.525	979321.640	-7.607	10.259	-3.720	-1.068	33.243
	434857.4	6673523.7	0	1301	+0.330	3825.525	979321.640	-7.607	10.259	-3.720	-1.068	33.243
	434857.4	6673523.7	0	1301	+0.000	3825.195	979321.640	-7.607	10.259	-3.720	-1.068	33.243
	425188.2	6672208.0	0	1306	+0.213	3830.883	979326.998	-3.136	6.318	-2.291	0.891	20.474
	425188.2	6672208.0	0	1306	+0.215	3830.880	979326.995	-3.139	6.318	-2.291	0.888	20.474
	425188.2	6672208.0	0	1306	+0.302	3830.847	979326.962	-3.172	6.318	-2.291	0.855	20.474
	425188.2	6672208.0	0	1306	+0.304	3830.854	979326.969	-3.165	6.318	-2.291	0.862	20.474
	436000.9	6670714.5	3600	7070	+0.079	3829.909	979326.024	-5.214	10.407	-3.773	1.419	33.722
	435999.4	6671110.4	3600	7110	+0.075	3829.720	979325.835	-5.123	10.190	-3.695	1.372	33.021
	436801.4	6667911.0	3680	6790	+0.139	3832.004	979328.119	-5.105	11.429	-4.144	2.180	37.034
	436796.7	6668114.5	3680	6810	+0.137	3832.002	979328.117	-4.963	11.253	-4.080	2.210	36.465
	436804.8	6668308.4	3680	6830	+0.129	3831.069	979327.184	-5.759	12.376	-4.488	2.130	40.104
	436796.0	6668514.8	3680	6850	+0.126	3831.416	979327.531	-5.266	11.595	-4.204	2.125	37.573
	436795.9	6668714.4	3680	6870	+0.123	3832.148	979328.263	-4.393	10.349	-3.753	2.204	33.535
	436797.3	6668912.3	3680	6890	+0.120	3831.845	979327.960	-4.556	10.477	-3.799	2.122	33.950
	436797.8	6669110.1	3680	6910	+0.118	3831.738	979327.853	-4.523	10.441	-3.786	2.133	33.834
	436799.4	6669313.4	3680	6930	+0.115	3829.615	979325.730	-6.502	12.928	-4.688	1.738	41.892
	436797.8	6669511.4	3680	6950	+0.111	3830.996	979327.111	-4.981	10.804	-3.917	1.905	35.009
	436798.8	6669710.4	3680	6970	+0.108	3831.338	979327.453	-4.498	9.959	-3.611	1.850	32.272
	436800.3	6669911.1	3680	6990	+0.105	3830.430	979326.545	-5.264	10.765	-3.904	1.597	34.884
	436800.5	6670114.0	3680	7010	+0.102	3831.317	979327.432	-4.234	9.158	-3.321	1.604	29.676
	436799.0	6670308.4	3680	7030	+0.099	3830.524	979326.639	-4.889	9.932	-3.601	1.441	32.183
	436799.0	6670510.4	3680	7050	+0.096	3831.446	979327.561	-3.825	8.469	-3.071	1.574	27.444
	436806.7	6670712.8	3680	7070	+0.093	3831.123	979327.238	-4.004	8.692	-3.152	1.536	28.166
	436801.1	6670910.0	3680	7090	+0.090	3830.330	979326.445	-4.658	9.643	-3.496	1.488	31.246
	436801.2	6671111.4	3680	7110	+0.087	3829.697	979325.812	-5.149	10.289	-3.731	1.410	33.340

Area E

COORDS		GRID		drift	corr'd	obs	anom	freeair	bouguer	bouguer	h
E	N	x	y		meter	mgal		corrn	corrn	anom (2.67)	(AHD)
D105											
443062.3	6677401.5	0	1304	+0.000	3816.265	979312.604	-13.936	14.104	-5.114	-4.946	45.702
443062.3	6677401.5	0	1304	+0.005	3816.265	979312.604	-13.936	14.104	-5.114	-4.946	45.702
443062.3	6677401.5	0	1304	+0.025	3816.260	979312.604	-13.936	14.104	-5.114	-4.946	45.702
443062.3	6677401.5	0	1304	-0.010	3816.235	979312.604	-13.936	14.104	-5.114	-4.946	45.702
445601.3	6671606.7	4560	7160	+0.014	3825.789	979322.133	-8.511	12.695	-4.603	-0.419	41.139
445599.7	6671807.3	4560	7180	+0.014	3825.694	979322.038	-8.464	12.247	-4.441	-0.658	39.686
445601.1	6672009.9	4560	7200	+0.013	3824.523	979320.867	-9.492	13.091	-4.747	-1.147	42.422
445599.3	6672211.4	4560	7220	+0.013	3824.943	979321.287	-8.929	11.896	-4.313	-1.347	38.547
445600.3	6672409.3	4560	7240	+0.013	3824.068	979320.412	-9.664	12.385	-4.491	-1.770	40.134
445597.3	6672609.5	4560	7260	+0.013	3823.268	979319.612	-10.323	12.823	-4.650	-2.149	41.552
445602.6	6672807.5	4560	7280	+0.012	3823.297	979319.641	-10.154	12.184	-4.418	-2.388	39.481
445604.1	6673010.6	4560	7300	+0.012	3823.322	979319.666	-9.985	11.437	-4.147	-2.695	37.061
445604.3	6673210.3	4560	7320	+0.012	3822.832	979319.176	-10.334	11.455	-4.153	-3.033	37.118
445598.0	6673407.4	4560	7340	+0.012	3821.807	979318.151	-11.220	12.313	-4.465	-3.372	39.898
445595.6	6673604.1	4560	7360	+0.011	3819.681	979316.025	-13.207	14.554	-5.277	-3.930	47.162
445601.0	6673803.5	4560	7380	+0.011	3821.266	979317.610	-11.481	11.923	-4.323	-3.881	38.635
445604.0	6674011.9	4560	7400	+0.011	3821.171	979317.515	-11.428	11.458	-4.155	-4.125	37.130
445594.4	6674197.1	4560	7420	+0.011	3819.266	979315.610	-13.203	13.557	-4.916	-4.561	43.931
445602.4	6674408.3	4560	7440	+0.011	3820.236	979316.580	-12.083	11.822	-4.287	-4.548	38.309
445606.4	6674604.8	4560	7460	+0.010	3818.885	979315.229	-13.295	13.203	-4.787	-4.880	42.783
445599.0	6674818.7	4560	7480	+0.010	3819.070	979315.414	-12.959	12.521	-4.540	-4.979	40.572
445601.1	6675009.5	4560	7500	+0.010	3818.275	979314.619	-13.620	13.145	-4.766	-5.241	42.596
445601.6	6675207.0	4560	7520	+0.010	3819.295	979315.639	-12.460	11.421	-4.141	-5.181	37.008
445601.1	6675402.0	4560	7540	+0.009	3817.909	979314.253	-13.708	12.922	-4.686	-5.472	41.873
445603.2	6675607.6	4560	7560	+0.009	3818.714	979315.058	-12.758	11.680	-4.235	-5.313	37.849
445599.6	6675802.5	4560	7580	+0.009	3818.659	979315.003	-12.675	11.524	-4.179	-5.330	37.343
445600.1	6676001.4	4560	7600	+0.009	3816.994	979313.338	-14.200	13.669	-4.956	-5.487	44.293
445600.7	6676208.8	4560	7620	+0.008	3817.953	979314.297	-13.094	12.126	-4.397	-5.365	39.294
445604.5	6676404.5	4560	7640	+0.008	3817.598	979313.942	-13.311	12.474	-4.523	-5.360	40.422
445604.7	6676606.3	4560	7660	+0.008	3818.398	979314.742	-12.369	11.242	-4.077	-5.203	36.430
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D105
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D106
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D107
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D108
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452799.0	6667812.9	5280	6780	-0.067	3276.602	979325.551	-7.799	14.129	-5.123	1.207	45.784
452797.4	6668009.1	5280	6800	-0.065	3276.893	979325.842	-7.369	13.527	-4.905	1.253	43.833
452798.1	6668209.6	5280	6820	-0.063	3276.465	979325.414	-7.656	13.833	-5.016	1.162	44.825
452797.1	6668414.3	5280	6840	-0.060	3274.938	979323.887	-9.038	15.605	-5.658	0.909	50.567
452801.7	6668613.8	5280	6860	-0.058	3276.016	979324.965	-7.819	13.978	-5.068	1.091	45.295
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452796.3	6669015.8	5280	6900	-0.052	3275.505	979324.454	-8.045	14.276	-5.176	1.054	46.259
452798.5	6669213.2	5280	6920	-0.050	3275.882	979324.831	-7.529	13.571	-4.921	1.121	43.975
452798.0	6669416.7	5280	6940	-0.048	3275.051	979324.000	-8.216	14.469	-5.246	1.007	46.885
452797.1	6669613.7	5280	6960	-0.046	3275.372	979324.321	-7.756	14.088	-5.108	1.224	45.652
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452799.1	6670013.1	5280	7000	-0.042	3273.671	979322.620	-9.174	16.037	-5.815	1.048	51.967
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D110
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D111
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449600.8	6680805.9	4960	8080	+0.066	3820.966	979317.450	-6.709	9.931	-3.601	-0.379	32.180
449598.7	6681005.6	4960	8100	+0.067	3821.562	979318.046	-5.972	8.992	-3.260	-0.240	29.137
449593.6	6681408.6	4960	8140	+0.068	3821.133	979317.617	-6.116	9.492	-3.442	-0.066	30.757

Area F

COORDS E	COORDS N	GRID x	GRID y	drift	corr'd meter	obs mgal	anom	freeair corrn	bouguer corrn	bouguer anom (2.67)	h (AHD)
D112											
436368.7	6689767.4	0	1303	+0.000	3260.616	979309.053	-8.737	13.518	-4.902	-0.121	43.805
436368.7	6689767.4	0	1303	+0.006	3260.616	979309.053	-8.737	13.518	-4.902	-0.121	43.805
436368.7	6689767.4	0	1303	-0.043	3260.610	979309.053	-8.737	13.518	-4.902	-0.121	43.805
436368.7	6689767.4	0	1303	+0.005	3260.653	979309.053	-8.737	13.518	-4.902	-0.121	43.805
436804.6	6687214.1	3680	8720	-0.005	3265.880	979314.323	-5.269	10.482	-3.801	1.412	33.966
436792.2	6687406.5	3680	8740	-0.006	3265.501	979313.944	-5.512	10.920	-3.960	1.448	35.386
436796.7	6687613.2	3680	8760	-0.006	3266.091	979314.534	-4.776	10.046	-3.643	1.627	32.554
436797.7	6687815.7	3680	8780	-0.007	3265.319	979313.762	-5.406	10.825	-3.925	1.494	35.077
436800.6	6688010.1	3680	8800	-0.007	3264.116	979312.559	-6.472	12.146	-4.404	1.270	39.359
436798.1	6688211.9	3680	8820	-0.007	3265.453	979313.896	-4.992	10.045	-3.642	1.410	32.551
436801.0	6688407.9	3680	8840	-0.008	3265.400	979313.843	-4.907	9.820	-3.561	1.352	31.821
436801.8	6688606.2	3680	8860	-0.008	3264.851	979313.294	-5.317	10.216	-3.704	1.195	33.105
436800.1	6688805.8	3680	8880	-0.009	3263.611	979312.054	-6.416	11.417	-4.140	0.861	36.995
436795.7	6689006.9	3680	8900	-0.009	3263.926	979312.369	-5.959	10.582	-3.837	0.786	34.289
436798.1	6689210.2	3680	8920	-0.009	3261.925	979310.368	-7.817	12.678	-4.597	0.264	41.082
436802.2	6689415.5	3680	8940	-0.010	3262.714	979311.157	-6.883	11.189	-4.057	0.249	36.258
436796.0	6689606.3	3680	8960	-0.010	3262.806	979311.249	-6.657	10.681	-3.873	0.151	34.611
436800.0	6689812.4	3680	8980	-0.010	3262.772	979311.215	-6.546	10.361	-3.757	0.059	33.575
436804.9	6690012.8	3680	9000	-0.011	3261.168	979309.611	-8.008	12.096	-4.386	-0.298	39.197
436800.1	6690209.2	3680	9020	-0.011	3262.414	979310.857	-6.624	10.224	-3.707	-0.107	33.129
436802.7	6690408.8	3680	9040	-0.011	3262.201	979310.644	-6.696	10.199	-3.698	-0.196	33.049
436799.0	6690612.1	3680	9060	-0.012	3260.660	979309.103	-8.094	11.985	-4.346	-0.455	38.836
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D113
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431196.2	6689213.7	3120	8920	+0.000	5691.138	979311.734	-6.425	10.853	-3.935	0.492	35.167
431200.9	6689410.6	3120	8940	+0.000	5692.548	979313.144	-4.876	8.658	-3.139	0.642	28.056
431195.7	6689607.5	3120	8960	+0.000	5692.026	979312.622	-5.259	8.982	-3.257	0.466	29.106
431201.1	6689808.7	3120	8980	+0.000	5691.099	979311.695	-6.045	9.720	-3.525	0.151	31.497
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431200.8	6691808.3	3120	9180	+0.000	5687.714	979308.310	-8.021	9.718	-3.524	-1.827	31.492
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431199.3	6692206.8	3120	9220	+0.000	5688.101	979308.697	-7.353	8.442	-3.061	-1.972	27.356
431199.6	6692410.0	3120	9240	+0.000	5686.836	979307.432	-8.475	9.739	-3.531	-2.267	31.559
431200.1	6692612.3	3120	9260	+0.000	5685.774	979306.370	-9.395	10.881	-3.945	-2.460	35.258
431200.5	6692807.9	3120	9280	+0.000	5685.961	979306.557	-9.070	10.343	-3.750	-2.477	33.515
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431203.9	6693208.2	3120	9320	+0.000	5686.326	979306.922	-8.423	9.237	-3.349	-2.536	29.931
431201.9	6693405.8	3120	9340	+0.000	5686.724	979307.320	-7.886	8.394	-3.044	-2.536	27.200
431204.2	6693608.6	3120	9360	+0.000	5686.422	979307.018	-8.045	8.476	-3.074	-2.642	27.467
431201.6	6693812.4	3120	9380	+0.000	5686.326	979306.922	-7.998	8.309	-3.013	-2.701	26.926
431199.3	6694005.7	3120	9400	+0.000	5686.609	979307.205	-7.578	7.792	-2.825	-2.612	25.248
431198.5	6694211.7	3120	9420	+0.000	5686.503	979307.099	-7.539	7.734	-2.805	-2.609	25.063
431197.7	6694409.8	3120	9440	+0.000	5685.899	979306.495	-8.004	8.387	-3.041	-2.658	27.179
431201.3	6694612.6	3120	9460	+0.000	5685.930	979306.526	-7.830	8.266	-2.997	-2.561	26.787
431199.6	6694812.9	3120	9480	+0.000	5686.348	979306.944	-7.271	7.597	-2.755	-2.429	24.617
431200.2	6695009.6	3120	9500	+0.000	5686.362	979306.958	-7.119	7.531	-2.731	-2.318	24.405
431200.9	6695207.5	3120	9520	+0.000	5684.873	979305.469	-8.468	9.506	-3.447	-2.409	30.804
431199.0	6695408.6	3120	9540	+0.000	5685.563	979306.159	-7.637	8.678	-3.147	-2.106	28.120
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431198.1	6695808.8	3120	9580	+0.000	5683.819	979304.415	-9.099	11.030	-3.999	-2.069	35.741
431204.2	6696010.8	3120	9600	+0.000	5684.751	979305.347	-8.025	9.716	-3.523	-1.832	31.483
431198.4	6696208.9	3120	9620	+0.000	5684.958	979305.554	-7.678	9.356	-3.392	-1.715	30.317
431200.3	6696412.1	3120	9640	+0.000	5684.830	979305.426	-7.664	9.407	-3.411	-1.667	30.484
431201.7	6696606.7	3120	9660	+0.000	5684.523	979305.119	-7.834	9.714	-3.522	-1.642	31.478
431204.0	6696808.8	3120	9680	+0.000	5684.910	979305.506	-7.304	9.079	-3.292	-1.517	29.421
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431999.6	6687415.9	3200	8740	+0.000	5693.875	979314.471	-4.959	8.727	-3.164	0.604	28.278
432001.1	6687608.7	3200	8760	+0.000	5693.313	979313.909	-5.385	9.363	-3.395	0.584	30.341
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432000.8	6688011.1	3200	8800	+0.000	5693.076	979313.672	-5.338	9.490	-3.441	0.711	30.753
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D115
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D115
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D116
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D117
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D117
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D118
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Pt_no	Line	Stn	Date	Day_no	Time	Lat_WGS	Long_WGS	height_WGS	East_MGA54	North_MGA54	Height_AHD	Meter	Reading	SD	ET_Corr	drift_corr	Corr_reading	base_diff	Obs_grav	Anom	freeair_corr	Boug_corr	Bouger
90000050	9000	50	28/04/2004	119	15:21:07	-29 54 59.78641	139 58 09.10477	41.935	400495.58	6690008.72	28.622	601307	3843.64	0.045	-0.058	0.442	3844.08	3.731	979316.6	-0.804	8.833	-3.203	4.826
90000070	9000	70	28/04/2004	119	15:17:27	-29 54 59.84439	139 58 16.64741	44.874	400697.86	6690008.75	31.558	601307	3842.91	0.03	-0.058	0.437	3843.34	4.466	979315.9	-1.54	9.739	-3.531	4.668
90000090	9000	90	28/04/2004	119	15:14:00	-29 54 59.86972	139 58 24.11862	45.888	400898.21	6690009.77	32.568	601307	3842.44	0.031	-0.058	0.432	3842.88	4.935	979315.4	-2.009	10.05	-3.644	4.397
90000110	9000	110	28/04/2004	119	15:07:05	-29 54 59.88120	139 58 31.69109	47.335	401101.27	6690011.23	34.012	601307	3841.87	0.042	-0.058	0.423	3842.29	5.519	979314.8	-2.594	10.496	-3.806	4.097
90000130	9000	130	28/04/2004	119	15:03:47	-29 55 00.04852	139 58 39.09136	45.962	401299.76	6690007.84	32.636	601307	3841.98	0.043	-0.058	0.419	3842.4	5.414	979315	-2.492	10.071	-3.652	3.927
90000150	9000	150	28/04/2004	119	15:00:15	-29 55 00.05727	139 58 46.22426	47.572	401491.04	6690009.28	34.243	601307	3841.38	0.045	-0.059	0.414	3841.79	6.016	979314.4	-3.094	10.567	-3.832	3.641
90000170	9000	170	28/04/2004	119	14:56:54	-29 55 00.19951	139 58 53.97581	47.394	401698.94	6690006.74	34.062	601307	3841.13	0.031	-0.059	0.41	3841.54	6.273	979314.1	-3.354	10.512	-3.812	3.346
90000190	9000	190	28/04/2004	119	14:53:24	-29 55 00.14747	139 59 01.27941	44.728	401894.77	6690010.08	31.392	601307	3841.51	0.034	-0.059	0.405	3841.92	5.893	979314.5	-2.973	9.688	-3.513	3.201
81200860	8120	860	28/04/2004	119	14:48:26	-29 59 47.86245	140 03 08.52075	30.417	408597.79	6681210.33	17.035	908474	3274.91	0.075	-0.059	0.105	3275.01	-2.542	979322.9	-0.783	5.257	-1.906	2.567
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81200900	8120	900	28/04/2004	119	14:37:35	-29 59 47.83404	140 03 23.28369	29.821	408993.34	6681214.46	16.431	908474	3274.57	0.051	-0.058	0.101	3274.67	-2.197	979322.6	-1.128	5.071	-1.839	2.104
89200050	8920	50	29/04/2004	120	9:52:00	-29 55 25.69488	139 58 08.97618	45.758	400499.29	6689211.17	32.448	601307	3844.85	0	0.064	0.022	3844.87	2.843	979317.5	-0.477	10.013	-3.631	5.905
89200070	8920	70	29/04/2004	120	9:55:00	-29 55 25.73252	139 58 16.63731	45.621	400704.72	6689211.86	32.308	601307	3844.73	0	0.063	0.022	3844.75	2.958	979317.4	-0.593	9.97	-3.615	5.762
89200090	8920	90	29/04/2004	120	9:59:00	-29 55 25.80053	139 58 24.10184	45.404	400904.9	6689211.56	32.087	601307	3844.52	0	0.061	0.024	3844.55	3.163	979317.2	-0.8	9.902	-3.591	5.512
89200110	8920	110	29/04/2004	120	10:04:00	-29 55 25.81311	139 58 31.29535	45.379	401097.78	6689212.89	32.059	601307	3844.22	0	0.059	0.025	3844.25	3.464	979316.9	-1.101	9.893	-3.587	5.205
89200130	8920	130	29/04/2004	120	10:08:00	-29 55 25.80197	139 58 38.91207	45.065	401302.01	6689215.05	31.742	601307	3844.02	0	0.058	0.026	3844.04	3.667	979316.7	-1.304	9.796	-3.552	4.94
89200150	8920	150	29/04/2004	120	10:11:00	-29 55 26.00306	139 58 46.28739	44.905	401499.83	6689210.62	31.578	601307	3843.86	0	0.056	0.027	3843.89	3.825	979316.5	-1.466	9.745	-3.534	4.745
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88400180	8840	180	29/04/2004	120	12:23:00	-29 55 52.03819	139 58 57.26301	44.051	401801.22	6688411.82	30.722	601307	3844.42	0	-0.013	0.068	3844.49	3.224	979317.1	-1.43	9.481	-3.438	4.613
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88400140	8840	140	29/04/2004	120	12:30:00	-29 55 51.96316	139 58 42.44649	44.828	401403.95	6688410.6	31.506	601307	3844.99	0	-0.017	0.07	3845.06	2.654	979317.7	-0.858	9.723	-3.526	5.339
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36809240	3680	9240	21/04/2004	112	11:26:52	-29 53 50.33527	140 20 43.53396	50.02	436802.27	6692412.91	35.811	908474	3259.85	0.033	0.017	-0.015	3259.83	0.777	979308.3	-7.653	11.051	-4.007	-0.609
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36809280	3680	9280	21/04/2004	112	11:34:24	-29 53 37.55908	140 20 43.45137	53.123	436797.82	6692806.15	38.908	908474	3258.83	0.023	0.019	-0.016	3258.82	1.794	979307.3	-8.393	12.007	-4.354	-0.739
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37609080	3760	9080	21/04/2004	112	13:08:41	-29 54 42.35545	140 21 12.93214	54.274	437599.72	6690816.16	40.064	908474	3260.26	0.033	0.033	-0.025	3260.23	0.376	979308.7	-8.38	12.364	-4.483	-0.499
37609100	3760	9100	21/04/2004	112	13:04:39	-29 54 35.97667	140 21 12.88119	48.521	437597.25	6691012.49	34.308	908474	3261.46	0.037	0.033	-0.024	3261.44	-0.827	979309.9	-7.038	10.587	-3.839	-0.29
37609120	3760	9120	21/04/2004	112	13:01:13	-29 54 29.54929	140 21 13.26573	49.441	437606.45	6691210.39	35.225	908474	3261.08	0.031	0.033	-0.024	3261.05	-0.445	979309.5	-7.281	10.87	-3.942	-0.352
37609140	3760	9140	21/04/2004	112	12:57:31	-29 54 23.09356	140 21 13.02696	54.014	437598.93	6691409.06	39.795	908474	3259.83	0.024	0.034	-0.024	3259.81	0.804	979308.3	-8.39	12.281	-4.453	-0.562
37609160	3760	9160	21/04/2004	112	12:53:37	-29 54 16.48290	140 21 13.16274	55.523	437601.42	6691612.56	41.301	908474	3259.33	0.038	0.034	-0.023	3259.3	1.305	979307.8	-8.748	12.745	-4.622	-0.624
37609180	3760	9180	21/04/2004	112	12:50:03	-29 54 10.05615	140 21 12.99484	48.493	437595.81	6691810.36	34.268	908474	3260.78	0.044	0.034	-0.023	3260.76	-0.145	979309.2	-7.158	10.575	-3.835	-0.418
37609200	3760	9200	21/04/2004	112	12:46:34	-29 54 03.59945	140 21 13.20628	46.901	437600.36	6692009.13	32.673	908474	3260.99	0.035	0.034	-0.023	3260.96	-0.354	979309.4	-6.809	10.083	-3.656	-0.382
37609220	3760	9220	21/04/2004	112	12:43:14	-29 53 57.04837	140 21 13.22853	45.478	437599.83	6692210.78	31.247	908474	3261.18	0.034	0.034	-0.022	3261.16	-0.547	979309.6	-6.474	9.643	-3.497	-0.328
37609240	3760	9240	21/04/2004	112	12:39:30	-29 53 50.64365	140 21 13.20461	48.327	437598.08	6692407.92	34.093	908474	3260.37	0.045	0.033	-0.022	3260.35	0.262	979308.8	-7.144	10.521	-3.815	-0.438
37609260	3760	9260	21/04/2004	112	12:36:16	-29 53 44.15426	140 21 13.28596	46.71	437599.13	6692607.67	32.474	908474	3260.63	0.036	0.033	-0.022	3260.61	-0.002	979309.1	-6.739	10.021	-3.634	-0.352
37609280	3760	9280	21/04/2004	112	12:33:00	-29 53 37.66799	140 21 13.50861	47.588	437603.98	6692807.36	33.349	908474	3260.23	0.034	0.033	-0.021	3260.2	0.405	979308.7	-7.006	10.292	-3.732	-0.446
37609300	3760	9300	21/04/2004	112	12:29:09	-29 53 31.25462	140 21 13.61379	50.493	437605.69	6693004.78	36.251	908474	3259.43	0.025	0.033	-0.021	3259.41	1.199	979307.9	-7.661	11.187	-4.056	-0.53
37609320	3760	9320	21/04/2004	112	12:25:21	-29 53 24.98741	140 21 13.35807	50.805	437597.75	6693197.65	36.561	908474	3259.19	0.032	0.032	-0.021	3259.17	1.44	979307.6	-7.766	11.283	-4.091	-0.575
37609340	3760	9340	21/04/2004	112	12:21:33	-29 53 18.03153	140 21 13.42876	56.786	437598.44	6693411.77	42.538	908474	3257.53	0.025	0.032	-0.02	3257.51	3.099	979306	-9.274	13.127	-4.76	-0.907
38409060	3840	9060	21/04/2004	112	15:46:36	-29 54 48.94002	140 21 43.01641	52.79	438407.57	6690617.99	38.559	908474	3260.78	0.028	-0.03	-0.04	3260.74	-0.133	979309.2	-8.013	11.899	-4.315	-0.429
38409080	3840	9080	21/04/2004	112	15:50:35	-29 54 42.73703	140 21 42.79701	56.351	438400.63	6690808.89	42.117	908474	3259.86	0.04	-0.033	-0.041	3259.82	0.795	979308.3	-8.807	12.997	-4.713	-0.522
31209240	3120	9240	22/04/2004	113	11:04:20	-29 53 49.34734	140 17 14.63759	45.605	431199.58	6692410	31.559	408276	5686.84	0.05	-0.016	0	5686.84	1.621	979307.4	-8.475	9.739	-3.531	-2.267
31209260	3120	9260	22/04/2004	113	11:08:29	-29 53 42.77650	140 17 14.70488	49.306	431200.13	6692612.26	35.258	408276	5685.77	0.035	-0.014	0	5685.77	2.683	979306.4	-9.395	10.881	-3.945	-2.46
31209280	3120	9280	22/04/2004	113	11:12:06	-29 53 36.42132	140 17 14.76405	47.566	431200.51	6692807.89	33.515	408276	5685.96	0.059	-0.012	0	5685.96	2.496	979306.6	-9.07	10.343	-3.75	-2.477
31209300	3120	9300	22/04/2004	113	11:16:24	-29 53 29.95614	140 17 14.93814	43.042	431203.94	6693006.92	28.989	408276	5686.78	0.05	-0.011	0	5686.78	1.681	979307.4	-8.115	8.946	-3.244	-2.413
31209320	3120	9320	22/04/2004	113	11:20:21	-29 53 23.41849	140 17 14.98434	43.987	431203.93	6693208.16	29.931	408276	5686.33	0.058	-0.009	0	5686.33	2.131	979306.9	-8.423	9.237	-3.349	-2.536

Pt_no	Line	Stn	Date	Day_no	Time	Lat_WGS	Long_WGS	height_WGS	East_MGA54	North_MGA54	Height_AHD	Meter	Reading	SD	ET_Corr	drift_corr	Corr_reading	base_diff	Obs_grav	Anom	freeair_corr	Boug_corr	Bouger
31209340	3120	9340	22/04/2004	113	11:24:16	-29 53 16.99640	140 17 14.95377	41.258	431201.89	6693405.83	27.2	408276	5686.72	0.051	-0.008	0	5686.72	1.733	979307.3	-7.886	8.394	-3.044	-2.536
31209360	3120	9360	22/04/2004	113	11:27:43	-29 53 10.40843	140 17 15.08781	41.527	431204.23	6693608.64	27.467	408276	5686.42	0.035	-0.006	0	5686.42	2.035	979307	-8.045	8.476	-3.074	-2.642
31209380	3120	9380	22/04/2004	113	11:31:22	-29 53 03.78958	140 17 15.03683	40.988	431201.6	6693812.36	26.926	408276	5686.33	0.042	-0.005	0	5686.33	2.131	979306.9	-7.998	8.309	-3.013	-2.701
31209400	3120	9400	22/04/2004	113	11:35:00	-29 52 57.50882	140 17 14.99517	39.312	431199.28	6694005.68	25.248	408276	5686.61	0.037	-0.004	0	5686.61	1.848	979307.2	-7.578	7.792	-2.825	-2.612
31209420	3120	9420	22/04/2004	113	11:38:37	-29 52 50.81534	140 17 15.01523	39.129	431198.54	6694211.71	25.063	408276	5686.5	0.049	-0.002	0	5686.5	1.954	979307.1	-7.539	7.734	-2.805	-2.609
31209440	3120	9440	22/04/2004	113	11:42:45	-29 52 44.38123	140 17 15.02800	41.248	431197.66	6694409.76	27.179	408276	5685.9	0.045	-0.001	0	5685.9	2.558	979306.5	-8.004	8.387	-3.041	-2.658
31209460	3120	9460	22/04/2004	113	11:46:46	-29 52 37.79239	140 17 15.21229	40.858	431201.35	6694612.6	26.787	408276	5685.93	0.053	0.001	0	5685.93	2.527	979306.5	-7.83	8.266	-2.997	-2.561
31209480	3120	9480	22/04/2004	113	11:50:39	-29 52 31.28612	140 17 15.19519	38.69	431199.65	6694812.87	24.617	408276	5686.35	0.044	0.002	0	5686.35	2.109	979306.9	-7.271	7.597	-2.755	-2.429
31209500	3120	9500	22/04/2004	113	11:54:19	-29 52 24.89657	140 17 15.26148	38.48	431200.21	6695009.55	24.405	408276	5686.36	0.057	0.003	0	5686.36	2.095	979307	-7.119	7.531	-2.731	-2.318
31209520	3120	9520	22/04/2004	113	11:58:13	-29 52 18.46502	140 17 15.33201	44.882	431200.87	6695207.53	30.804	408276	5684.87	0.052	0.004	0	5684.87	3.584	979305.5	-8.468	9.506	-3.447	-2.409
31209540	3120	9540	22/04/2004	113	12:03:24	-29 52 11.93311	140 17 15.30948	42.2	431199.02	6695408.58	28.12	408276	5685.56	0.035	0.006	0	5685.56	2.894	979306.2	-7.637	8.678	-3.147	-2.106
31209560	3120	9560	22/04/2004	113	12:07:02	-29 52 05.34695	140 17 15.47200	42.461	431202.13	6695611.34	28.379	408276	5685.48	0.044	0.007	0	5685.48	2.973	979306.1	-7.573	8.758	-3.176	-1.991
31209580	3120	9580	22/04/2004	113	12:11:16	-29 51 58.92963	140 17 15.36645	49.826	431198.07	6695808.85	35.741	408276	5683.82	0.043	0.008	0	5683.82	4.638	979304.4	-9.099	11.03	-3.999	-2.069
32009240	3200	9240	22/04/2004	113	14:28:10	-29 53 49.48706	140 17 44.45821	48.348	431999.39	6692410.62	34.28	408276	5686.33	0.048	0.006	0	5686.33	2.125	979306.9	-8.982	10.579	-3.836	-2.239
32009260	3200	9260	22/04/2004	113	14:24:13	-29 53 43.09255	140 17 44.51377	53.294	431999.67	6692607.46	39.222	408276	5684.93	0.041	0.007	0	5684.93	3.523	979305.5	-10.242	12.104	-4.389	-2.527
32009280	3200	9280	22/04/2004	113	14:20:03	-29 53 36.45001	140 17 44.67829	44.737	432002.83	6692811.95	30.663	408276	5686.7	0.059	0.008	0	5686.7	1.76	979307.3	-8.334	9.463	-3.431	-2.303
32009300	3200	9300	22/04/2004	113	14:14:57	-29 53 30.03790	140 17 44.60991	43.413	431999.79	6693009.31	29.338	408276	5686.79	0.055	0.009	0	5686.79	1.665	979307.4	-8.101	9.054	-3.283	-2.33
32009320	3200	9320	22/04/2004	113	14:09:36	-29 53 23.51749	140 17 44.60918	49.16	431998.54	6693210.01	35.082	408276	5685.23	0.045	0.01	0	5685.23	3.228	979305.8	-9.522	10.826	-3.926	-2.622
32009340	3200	9340	22/04/2004	113	14:05:21	-29 53 17.05251	140 17 44.84072	49.714	432003.53	6693409.04	35.634	408276	5684.9	0.045	0.011	0	5684.9	3.557	979305.5	-9.711	10.997	-3.987	-2.702
32009360	3200	9360	22/04/2004	113	14:01:00	-29 53 10.57701	140 17 44.83263	45.253	432002.09	6693608.36	31.17	408276	5685.74	0.057	0.012	0	5685.74	2.715	979306.3	-8.729	9.619	-3.488	-2.597
32009380	3200	9380	22/04/2004	113	13:57:07	-29 53 04.02257	140 17 44.76558	45.633	431999.06	6693810.1	31.548	408276	5685.44	0.026	0.013	0	5685.44	3.016	979306	-8.888	9.736	-3.53	-2.682
32009400	3200	9400	22/04/2004	113	13:53:37	-29 52 57.53889	140 17 44.71905	49.272	431996.59	6694009.67	35.185	408276	5684.45	0.054	0.013	0	5684.45	4.008	979305.1	-9.739	10.858	-3.937	-2.818
32009420	3200	9420	22/04/2004	113	13:49:42	-29 52 51.01140	140 17 44.93547	43.842	432001.16	6694210.62	29.752	408276	5685.65	0.035	0.014	0	5685.65	2.811	979306.2	-8.401	9.181	-3.329	-2.548
32009440	3200	9440	22/04/2004	113	13:46:02	-29 52 44.47687	140 17 44.93811	43.4	432000	6694411.76	29.308	408276	5685.64	0.032	0.015	0	5685.64	2.815	979306.2	-8.263	9.044	-3.28	-2.498
32009460	3200	9460	22/04/2004	113	13:42:03	-29 52 38.04690	140 17 44.91505	42.522	431998.17	6694609.67	28.428	408276	5685.82	0.052	0.015	0	5685.82	2.638	979306.4	-7.947	8.773	-3.181	-2.355
32009480	3200	9480	22/04/2004	113	13:36:07	-29 52 31.56307	140 17 45.10147	43.145	432001.95	6694809.28	29.048	408276	5685.69	0.036	0.016	0	5685.69	2.772	979306.3	-7.94	8.964	-3.25	-2.227
32009500	3200	9500	22/04/2004	113	13:32:21	-29 52 25.18423	140 17 45.05148	42.4	431999.41	6695005.62	28.301	408276	5685.89	0.039	0.016	0	5685.89	2.566	979306.5	-7.596	8.734	-3.167	-2.029
32009520	3200	9520	22/04/2004	113	13:28:48	-29 52 18.70565	140 17 45.09696	39.175	431999.41	6695205.04	25.074	408276	5686.59	0.055	0.016	0	5686.59	1.869	979307.2	-6.759	7.738	-2.806	-1.827
32009540	3200	9540	22/04/2004	113	13:25:00	-29 52 12.02767	140 17 45.27722	38.28	432002.98	6695410.62	24.176	408276	5686.77	0.075	0.016	0	5686.77	1.687	979307.4	-6.432	7.461	-2.705	-1.677
32009560	3200	9560	22/04/2004	113	13:20:46	-29 52 05.66263	140 17 45.20348	38.211	431999.81	6695606.53	24.105	408276	5686.71	0.035	0.016	0	5686.71	1.743	979307.3	-6.35	7.439	-2.697	-1.609
32009580	3200	9580	22/04/2004	113	13:16:43	-29 51 59.14267	140 17 45.38144	38.325	432003.35	6695807.25	24.216	408276	5686.67	0.031	0.017	0	5686.67	1.789	979307.3	-6.255	7.473	-2.71	-1.491
36009230	3600	9230	22/04/2004	113	14:08:07	-29 53 53.62794	140 20 13.61930	48.716	436000.56	6692306.96	34.531	908474	3259.82	0.059	0.011	0.188	3260	0.695	979308.4	-7.642	10.656	-3.864	-0.85
36009250	3600	9250	22/04/2004	113	14:02:48	-29 53 46.83982	140 20 13.64846	46.758	436000.14	6692515.9	32.57	908474	3260.06	0.047	0.012	0.186	3260.25	0.452	979308.6	-7.252	10.051	-3.645	-0.845
36009270	3600	9270	22/04/2004	113	13:59:12	-29 53 40.54294	140 20 13.68658	46.612	436000.04	6692709.73	32.422	908474	3259.96	0.028	0.013	0.184	3260.14	0.558	979308.5	-7.221	10.005	-3.628	-0.844
36009290	3600	9290	22/04/2004	113	13:55:46	-29 53 34.19642	140 20 13.72865	51.098	436000.04	6692905.09	36.905	908474	3258.77	0.043	0.013	0.182	3258.95	1.75	979307.3	-8.276	11.389	-4.13	-1.016
36009310	3600	9310	22/04/2004	113	13:52:10	-29 53 27.48507	140 20 13.67931	52.658	435997.53	6693111.66	38.463	908474	3258.27	0.038	0.014	0.18	3258.45	2.249	979306.8	-8.629	11.87	-4.304	-1.064
36009330	3600	9330	22/04/2004	113	13:48:31	-29 53 21.04024	140 20 13.77481	47.937	435998.95	6693310.05	33.739	908474	3259.29	0.046	0.014	0.178	3259.46	1.235	979307.8	-7.475	10.412	-3.775	-0.839
36009350	3600	9350	22/04/2004	113	13:45:11	-29 53 14.54275	140 20 13.86817	48.078	436000.3	6693510.06	33.877	908474	3259.14	0.055	0.015	0.176	3259.32	1.379	979307.7	-7.479	10.454	-3.791	-0.815
36009370	3600	9370	22/04/2004	113	13:41:35	-29 53 07.95373	140 20 13.90141	52.214	436000.02	6693712.88	38.011	908474	3258.14	0.043	0.015	0.175	3258.32	2.381	979306.7	-8.338	11.73	-4.253	-0.861
36009390	3600	9390	22/04/2004	113	13:37:59	-29 53 01.51523	140 20 13.97538	52.975	436000.86	6693911.07	38.769	908474	3257.81	0.036	0.016	0.173	3257.99	2.714	979306.3	-8.531	11.964	-4.338	-0.905
36009410	3600	9410	22/04/2004	113	13:34:12	-29 52 54.95433	140 20 14.05890	48.095	436001.94	6694113.03	33.886	908474	3258.77	0.043	0.016	0.171	3258.94	1.761	979307.3	-7.436	10.457	-3.792	-0.771
36009430	3600	9430	22/04/2004	113	13:30:42	-29 52 48.74841	140 20 14.07179	47.666	436001.18	6694304.05	33.455	908474	3258.73	0.058	0.016	0.169	3258.9	1.803	979307.3	-7.344	10.324	-3.744	-0.763
36009450	3600	9450	22/04/2004	113	13:26:58	-29 52 42.26803	140 20 14.09207	47.76	436000.58	6694503.53	33.546	908474	3258.57	0.058	0.016	0.167	3258.74	1.961	979307.1	-7.361	10.352	-3.754	-0.763
36009470	3600	9470	22/04/2004	113	13:23:01	-29 52 35.63597	140 20 14.19500	53.636	436002.16	6694707.68	39.42	908474	3256.97	0.042	0.016	0.165	3257.13	3.567	979305.5	-8.823	12.165	-4.411	-1.07
36009490	3600	9490	22/04/2004	113	13:19:17	-29 52 29.41832	140 20 14.29397	50.559	436003.72	6694899.08	36.34	908474	3257.45	0.035	0.017	0.163	3257.61	3.086	979306	-8.208	11.215	-4.066	-1.06
36009510	3600	9510	22/04/2004	113	13:14:09	-29 52 22.94273	140 20 14.21737	54.395	436000.51	6695098.39	40.173	908474	3256.32	0.069	0.017	0.16	3256.47	4.224	979304.8	-9.205	12.397	-4.495	-1.303
38409080	3840	9080	22/04/2004	113	9:06:35	-29 54 42.73098	140 21 42.79328	56.306	438400.53	6690809.07	42.072	908474	3259.9	0.052	-0.063	0.031	3259.93	0.767	979308.3	-8.779	12.983	-4.708	-0.503
38409100	3840	9100	22/04/2004	113	9:10:52	-29 54 36.22824	140 21 42.81423	51.989	438399.98	6691009.23	37.753	908474	3260.79	0.043	-0.061	0.033	3260.82	-0.12	979309.2	-7.751	11.651	-4.225	-0.324
38409120	3840	9120	22/04/2004	113	9:14:36	-29 54 29.73687	140 21 42.79091	49.662	438398.24	6691209.04	35.423	908474	3261.18	0.051	-0.061	0.035	3261.21	-0.515	979309.6	-7.215	10.932	-3.964	-0.247
38409140	3840	9140	22/04/2004	113	9:18:18	-29 54 23.33329	140 21 42.81778	54.385	438397.87	6691406.15	40.142	908474	3259.98	0.03	-0.059	0.037	3260.02	0.683	979308.4	-8.274	12.388	-4.492	-0.378
38409160	3840	9160	22/04/2004	113	9:21:58	-29 54 16.51767	140 21 42.91797	48.121	438399.39	6691615.95	33.876	908474	3261.32	0.04	-0.058	0.039	3261.36	-0.659	979309.7	-6.784	10.454	-3.791	-0.121
38409180	3840	9180	22/04/2004	113	9:25:13	-29 54 10.10829	140 21 42.93302	51.738	438398.7	6691813.24	37.489	908474	3260.29	0.032	-0.057	0.041	3260.34	0.364	979308.7	-7.668	11.569	-4.195	-0.294
38409200	3840	9200	22/04/2004	113	9:28:33	-29 54 03.60811	140 21 42.87107	47.864	438395.93	6692013.31	33.613	908474	3261.07	0.05	-0.056	0.042	3261.11	-0.416	979309.5	-6.747	10.373	-3.761	-0.136
38409220	3840	9220	22/04/2004	113	9:32:12	-29 53 57.30357	140 21 42.98255	56.522	438397.84	6692207.38	42.268	908474	3258.84	0.039	-0.055	0.044	3258.89	1.812	979307.2	-8.839	13.044	-4.73	-0.525
38409240	3840	9240	22/04/2004	113	9:35:43	-29 53 50.64382	140 21 43.15516	50.574	438401.33	6692412.4	36.317	908474	3260.12	0.042	-0.053	0.046	3260.17	0.529	979308.5	-7.411	11.207	-4.064	-0.268
38409260	3840	9260	22/04/2004	113	9:39:13	-29 53 44.23977	140 21 43.18331	48.41	438400.99	6692609.52	34.15	908474	3260.44	0.026	-0.052	0.048	3260.49	0.214	979308.8	-6.957	10.539	-3.821	-0.24
39209050	3920	9050	22/04/2004	113	10:11:04	-29 54 52.50484	140 22 12.56991	49.026	439200.65	6690512.63	34.773	908474	3262.03	0.058	-0.039	0.064	3262.09	-1.395	979310.5	-6.829	10.731	-3.891	0.011
39209070	3920	9070	22/04/2004	113	10:07:32	-29 54 46.17310	140 22 12.62293	49.946	439201.01	6690707.54	35.691	908474	3261.68	0.039	-0.041	0.063	3261.74	-1.041	979310.1	-7.045	11.014	-3.994	-0.025
39209090	3920	9090	22/04/2004	113	10:03:57	-29 54 39.67364	140 22 12.41401	51.028	439194.31	6690907.56	36.77	908474	3261.3	0.034	-0.042	0.061	3261.36	-0.661	979309.7	-7.284	11.347	-4.115	-0.052
39209110	3920	9110	22/04/2004	113	9:59:31	-29 54 32.95604	140 22 12.79392	50.684	439203.36	6691114.39	36.422	908474	3261.21	0.047	-0.044	0.058	3261.26	-0.566	979309.6	-7.234	11.24	-4.076	-0.07
39209130	3920	9130	22/04/2004	113	9:55:55	-29 54 26.68256	140 22 12.81146	55.608	439202.77	6691307.49	41.343	908474	3259.93	0.024	-0.045	0.057	3259.99	0.713	979308.3	-8.377	12.758	-4.626	-0.245
39209150	3920	9150	22/04/2004	113	9:51:58	-29 54 20.44733	140 22 12.78618	52.646	439201.04	6691499.41	38.378	908474	3260.49	0.031	-0.047	0.055	3260.54	0.158	979308.9	-7.686	11.843	-4.294	-0.137
39209170	3920	9170	22/04/2004	113	9:48:17	-29 54 13.54615	140 22 12.73957	51.206	439198.63	6691711.83	36.935	908474	3260.64	0.048	-0.048	0.053	3260.69	0.009	979309	-7.388	11.398	-4.133	-0.123
40009060	4000	9060	22/04/2004	113	12:42:55	-29 54 49.68880	140 22 42.35030	51.81	439998.74	6690603.66	37.533	908474	3261.55	0.046	0.014	0.144	3261.69	-0.994	979310.1	-7.169	11.583	-4.2	0.214
40009080	4000	9080	22/04/2004	113	12:46:39	-29 54 42.98477	140 22 42.43926	54.473	440000.01	6690810.03	40.191	908474	3260.73	0.058	0.015	0.146	3260.88	-0.178	979309.2	-7.839	12.403	-4.497	0.066
40009100	4000	9100	22/04/2004	113	12:50:20	-29 54 36.39537	140 22 42.40335	48.205	439997.95	6691012.85	33.92	908474	3262.05	0.057	0.015	0.148	3262.2	-1.498	979310.6	-6.376	10.468	-3.796	0.296
32809240	3280	9240	24/04/2004	115	15:05:15	-29 53 49.89223	140 18 14.47547	45.028	432804.51	6692403.06	30.936	601307	3835.12	0.05	-0.017	0.086	3835.2	1.306	979307.8	-8.172	9.547	-3.462	-2.087
32809260	3280	9260	24/04/2004	115	15:02:07	-29 53 43.15069	140 18 14.46484	47.068	432802.97	6692610.56	32.973	601307	3834.47	0.052	-0.017	0.085	3834.55	1.954	979307.1	-8.674	10.175	-3.69	-2.188
32809280	3280	9280	24/04/2004	115	14:56:49	-29 53 36.81901	140 18 14.63410	46.253	432806.33	6692805.48	32.156	601307	3834.45	0.068	-0.016	0.083	3834.53	1.975	979307.1	-8.558	9.923	-3.598	-2.232
32809300	3280	9300	24/04/2004	115	14:53:44	-29 53 30.30590	140 18 14.57545	51.988	432803.54	6693005.95	37.889	601307	3832.88	0.055	-0.016	0.082	3832.96	3.549	979305.5	-9.99	11.693	-4.24	-2.538
32809320	3280	9320	24/04/2004	115	14:50:35	-29 53 23.92040	140 18 14.56839	47.675	432802.17	6693202.5	33.573	601307	3833.73	0.048	-0.015	0.081	3833.81	2.698	979306.4	-9.001	10.361	-3.757	-2.397
32809340	3280	9340	24/04/2004	115	14:46:33	-29 53 17.10049	140 18 14.54036	51.14	432800.14	6693412.42	37.036	601307	3832.7	0.062	-0.015	0.079	3832.78	3.729	979305.3	-9.884	11.429	-4.144	-2.599
32809360	3280	9360	24/04/2004	115	14:43:36	-29 53 10.85222	140 18 14.38451	45.309	432794.8	6693604.72	31.203	601307	3833.88	0.051	-0.015	0.078	3833.96	2.551	979306.5	-8.571	9.629	-3.492	-2.433
32809380	3280	9380	24/04/2004	115	14:40:33	-29 53 04.31786	140 18 14.89748	47.215	432807.34	6693805.93	33.107	601307	3833.32	0.048	-0.014	0.077	3833.4	3.112	979305.9	-8.99	10.217	-3.705	-2.478
32809400	3280	9400	24/04/2004	115	14:37:02	-29 52 57.65250	140 18 14.74141	47.662	432801.91	6694011.07	33.551	601307	3833.11	0.058	-0.014	0.076	3833.19	3.321	979305.7	-9.055	10.354	-3.754	-2.455
32809420	3280	9420	24/04/2004	115	14:33:34	-29 52 51.57226	140 18 14.58265	45.91	432796.52	6694198.2	31.796	601307	3833.47	0.035	-0.014	0.075	3833.54	2.964	979306.1	-8.566	9.812	-3.558	-2.312
32809440	3280	9440	24/04/2004	115	14:30:47	-29 52 44.65358	140 18 14.79248	46.006	432800.86	6694411.2	31.89	601307	3833.39	0.045	-0.014	0.074	3833.47	3.043	979306	-8.495	9.841	-3.568	-2.222
32809460	3280	9460	24/04/2004	115	14:27:28	-29 52 38.07938	140 18 15.18506	50.168	432810.17	6694613.62	36.05	601307	3832.44	0.055	-0.014	0.073	3832.51	3.994	979305.1	-9.303	11.125	-4.034	-2.212
32809480	3280	9480	24/04/2004	115	14:24:14	-29 52 31.82929	140 18 14.78364	45.936	432798.24	6694805.93	31.815	601307	3833.41	0.045	-0.013	0.072	3833.48	3.029	979306	-8.203	9.818	-3.56	-1.945
32809500	3280	9500	24/04/2004	115	14:21:12	-29 52 25.27599	140 18 15.21505	45.771	432808.59	6695007.72	31.648	601307	3833.43	0.041	-0.013	0.07	3833.49	3.013	979306	-8.045	9.767	-3.541	-1.82
32809520	3280	9520	24/04/2004	115	14:17:46	-29 52 18.71160	140 18 15.07523	46.666	432803.62	6695209.75	32.54	601307	3833.13	0.049	-0.013	0.069	3833.2	3.308	979305.8	-8.198	10.042	-3.641	-1.797
32809540	3280	9540	24/04/2004	115	14:14:24	-29 52 12.15501	140 18 14.86109	46.598	432796.65	6695411.53	32.47	601307	3833.08	0.066	-0.013	0.068	3833.15	3.36	979305.7	-8.108	10.02	-3.633	-1.721

Pt_no	Line	Stn	Date	Day_no	Time	Lat_WGS	Long_WGS	height_WGS	East_MGA54	North_MGA54	Height_AHD	Meter	Reading	SD	ET_Corr	drift_corr	Corr_reading	base_diff	Obs_grav	Anom	freeair_corr	Boug_corr	Bouger
32809560	3280	9560	24/04/2004	115	14:11:20	-29 52 05.98762	140 18 15.20614	44.343	432804.76	6695601.42	30.212	601307	3833.47	0.037	-0.013	0.067	3833.54	2.968	979306.1	-7.582	9.323	-3.381	-1.639
32809580	3280	9580	24/04/2004	115	14:08:26	-29 51 59.51888	140 18 15.15143	43.437	432802.09	6695800.53	29.305	601307	3833.61	0.046	-0.013	0.066	3833.68	2.832	979306.2	-7.306	9.044	-3.279	-1.542
33609240	3360	9240	24/04/2004	115	12:40:01	-29 53 50.02768	140 18 44.16019	46.766	433600.67	6692403.68	32.651	601307	3834.93	0.04	-0.021	0.036	3834.97	1.543	979307.5	-8.412	10.076	-3.654	-1.989
33609260	3360	9260	24/04/2004	115	12:43:35	-29 53 43.04259	140 18 43.88544	53.988	433592.02	6692618.64	39.871	601307	3833.03	0.056	-0.021	0.037	3833.06	3.444	979305.6	-10.162	12.304	-4.462	-2.319
33609280	3360	9280	24/04/2004	115	12:46:46	-29 53 36.90135	140 18 44.32652	51.105	433602.71	6692807.74	36.984	601307	3833.53	0.04	-0.02	0.038	3833.56	2.945	979306.1	-9.529	11.413	-4.138	-2.254
33609300	3360	9300	24/04/2004	115	12:49:54	-29 53 30.31358	140 18 44.07684	50.988	433594.8	6693010.48	36.866	601307	3833.38	0.051	-0.02	0.039	3833.42	3.09	979306	-9.532	11.377	-4.125	-2.28
33609320	3360	9320	24/04/2004	115	12:53:05	-29 53 23.83814	140 18 44.42907	46.769	433603.06	6693209.85	32.644	601307	3834.15	0.038	-0.019	0.04	3834.19	2.314	979306.7	-8.615	10.074	-3.653	-2.194
33609340	3360	9340	24/04/2004	115	12:55:47	-29 53 17.09312	140 18 44.13360	52.371	433593.89	6693417.42	38.244	601307	3832.64	0.047	-0.019	0.041	3832.68	3.832	979305.2	-9.987	11.802	-4.279	-2.464
33609360	3360	9360	24/04/2004	115	12:59:12	-29 53 11.01148	140 18 44.42354	48.665	433600.55	6693604.67	34.535	601307	3833.44	0.056	-0.018	0.042	3833.48	3.027	979306	-9.05	10.658	-3.864	-2.257
33609380	3360	9380	24/04/2004	115	13:02:26	-29 53 04.36252	140 18 44.65249	54.777	433605.47	6693809.36	40.644	601307	3831.91	0.045	-0.018	0.043	3831.95	4.559	979304.5	-10.438	12.543	-4.548	-2.443
33609400	3360	9400	24/04/2004	115	13:05:35	-29 52 57.85866	140 18 44.51271	53.883	433600.52	6694009.53	39.748	601307	3832.1	0.055	-0.017	0.044	3832.14	4.364	979304.7	-10.102	12.266	-4.448	-2.284
33609420	3360	9420	24/04/2004	115	13:08:56	-29 52 51.39851	140 18 44.81588	48.867	433607.46	6694208.43	34.729	601307	3833.19	0.046	-0.017	0.046	3833.24	3.272	979305.8	-8.87	10.717	-3.886	-2.039
33609440	3360	9440	24/04/2004	115	13:12:17	-29 52 44.92104	140 18 44.84256	48.347	433606.99	6694407.81	34.207	601307	3833.24	0.058	-0.017	0.047	3833.29	3.216	979305.8	-8.674	10.556	-3.828	-1.945
33609460	3360	9460	24/04/2004	115	13:15:39	-29 52 38.46799	140 18 44.72036	51.326	433602.52	6694606.42	37.184	601307	3832.55	0.048	-0.016	0.048	3832.6	3.906	979305.2	-9.224	11.475	-4.161	-1.91
33609480	3360	9480	24/04/2004	115	13:19:12	-29 52 31.87959	140 18 44.90084	47.439	433606.15	6694809.25	33.293	601307	3833.46	0.046	-0.016	0.049	3833.51	3.001	979306.1	-8.176	10.274	-3.725	-1.627
33609500	3360	9500	24/04/2004	115	13:22:11	-29 52 25.71608	140 18 44.77225	48.022	433601.57	6694998.94	33.875	601307	3833.26	0.047	-0.015	0.05	3833.3	3.203	979305.9	-8.244	10.454	-3.791	-1.581
33609520	3360	9520	24/04/2004	115	13:25:31	-29 52 18.82859	140 18 44.77411	50.199	433600.35	6695210.94	36.05	601307	3832.68	0.047	-0.015	0.051	3832.73	3.779	979305.3	-8.671	11.125	-4.034	-1.58
33609540	3360	9540	24/04/2004	115	13:28:45	-29 52 12.54016	140 18 44.99427	46.646	433605.1	6695404.54	32.494	601307	3833.45	0.058	-0.015	0.052	3833.5	3.011	979306	-7.767	10.028	-3.636	-1.375
33609560	3360	9560	24/04/2004	115	13:31:35	-29 52 05.99405	140 18 45.13458	46.306	433607.66	6695606.05	32.151	601307	3833.42	0.068	-0.015	0.053	3833.47	3.039	979306	-7.653	9.922	-3.598	-1.329
33609580	3360	9580	24/04/2004	115	13:34:58	-29 51 59.46168	140 18 45.04561	50.583	433604.07	6695807.11	36.426	601307	3832.34	0.035	-0.014	0.055	3832.4	4.113	979304.9	-8.586	11.241	-4.076	-1.421
34409240	3440	9240	24/04/2004	115	15:36:57	-29 53 50.09996	140 19 14.36206	47.961	434410.68	6692406.27	33.822	908474	3258.78	0.058	-0.022	0.088	3258.86	1.848	979307.2	-8.718	10.437	-3.785	-2.066
34409260	3440	9260	24/04/2004	115	15:33:12	-29 53 43.71967	140 19 14.21692	57.406	434405.63	6692602.64	43.265	908474	3256.43	0.034	-0.021	0.087	3256.51	4.198	979304.9	-10.93	13.352	-4.841	-2.42
34409280	3440	9280	24/04/2004	115	15:29:35	-29 53 36.99324	140 19 14.06999	52.269	434400.47	6692809.66	38.126	908474	3257.42	0.053	-0.021	0.086	3257.5	3.211	979305.8	-9.797	11.766	-4.266	-2.298
34409300	3440	9300	24/04/2004	115	15:25:57	-29 53 30.62467	140 19 13.86473	48.983	434393.8	6693005.65	34.837	908474	3257.93	0.052	-0.02	0.085	3258.01	2.703	979306.4	-9.151	10.751	-3.898	-2.299
34409320	3440	9320	24/04/2004	115	15:21:59	-29 53 24.26101	140 19 14.39345	47.241	434406.83	6693201.62	33.092	908474	3258.25	0.079	-0.019	0.084	3258.34	2.377	979306.7	-8.687	10.212	-3.703	-2.178
34409340	3440	9340	24/04/2004	115	15:18:14	-29 53 17.56845	140 19 14.49199	54.467	434408.25	6693407.63	40.315	908474	3256.4	0.045	-0.019	0.082	3256.48	4.23	979304.8	-10.395	12.441	-4.511	-2.465
34409360	3440	9360	24/04/2004	115	15:14:31	-29 53 11.19181	140 19 14.15758	52.148	434398.12	6693603.86	37.994	908474	3256.9	0.045	-0.018	0.081	3256.98	3.734	979305.3	-9.761	11.725	-4.252	-2.288
34409380	3440	9380	24/04/2004	115	15:10:57	-29 53 04.39617	140 19 14.23244	48.989	434398.9	6693813.04	34.832	908474	3257.55	0.052	-0.018	0.08	3257.63	3.082	979306	-8.962	10.749	-3.898	-2.11
34409400	3440	9400	24/04/2004	115	15:07:08	-29 52 58.23067	140 19 14.62110	50.604	434408.2	6694002.88	36.444	908474	3257.07	0.043	-0.017	0.079	3257.15	3.561	979305.5	-9.307	11.247	-4.078	-2.139
34409420	3440	9420	24/04/2004	115	15:03:23	-29 52 51.97720	140 19 14.37075	49.269	434400.35	6694195.33	35.108	908474	3257.4	0.055	-0.017	0.078	3257.48	3.235	979305.8	-8.846	10.834	-3.929	-1.94
34409440	3440	9440	24/04/2004	115	14:59:56	-29 52 45.31692	140 19 14.44904	53.959	434401.23	6694400.35	39.795	908474	3256.21	0.046	-0.016	0.077	3256.29	4.423	979304.6	-9.889	12.281	-4.453	-2.062
34409460	3440	9460	24/04/2004	115	14:56:24	-29 52 38.64019	140 19 14.30507	49.016	434396.16	6694605.84	34.849	908474	3257.4	0.049	-0.016	0.075	3257.48	3.234	979305.8	-8.555	10.754	-3.9	-1.701
34409480	3440	9480	24/04/2004	115	14:52:59	-29 52 32.29212	140 19 14.40970	49.586	434397.81	6694801.25	35.417	908474	3257.18	0.059	-0.015	0.074	3257.26	3.457	979305.6	-8.641	10.93	-3.963	-1.675
34409500	3440	9500	24/04/2004	115	14:49:28	-29 52 25.82452	140 19 14.63562	52.332	434402.7	6695000.36	38.16	908474	3256.52	0.036	-0.015	0.073	3256.59	4.123	979304.9	-9.167	11.776	-4.27	-1.661
34409520	3440	9520	24/04/2004	115	14:45:37	-29 52 19.14997	140 19 14.48390	54.385	434397.41	6695205.78	40.211	908474	3255.93	0.056	-0.015	0.072	3256	4.716	979304.3	-9.615	12.409	-4.5	-1.706
34409540	3440	9540	24/04/2004	115	14:41:53	-29 52 12.53544	140 19 14.57073	49.235	434398.54	6695409.4	35.058	908474	3257.05	0.054	-0.014	0.071	3257.12	3.595	979305.5	-8.351	10.819	-3.923	-1.455
34409560	3440	9560	24/04/2004	115	14:38:36	-29 52 06.04200	140 19 14.49086	50.031	434395.22	6695609.26	35.851	908474	3256.73	0.047	-0.014	0.07	3256.8	3.909	979305.1	-8.524	11.064	-4.012	-1.472
34409580	3440	9580	24/04/2004	115	14:33:23	-29 51 59.56278	140 19 14.64502	53.935	434398.18	6695808.71	39.753	908474	3255.68	0.048	-0.014	0.068	3255.75	4.962	979304.1	-9.437	12.268	-4.448	-1.617
35209230	3520	9230	24/04/2004	115	13:15:50	-29 53 53.52491	140 19 43.83374	53.083	435201.72	6692305.49	38.923	908474	3258.28	0.044	-0.016	0.044	3258.32	2.388	979306.7	-9.333	12.012	-4.355	-1.677
35209250	3520	9250	24/04/2004	115	13:19:38	-29 53 46.79869	140 19 43.88725	50.146	435201.94	6692512.54	35.982	908474	3258.83	0.049	-0.016	0.045	3258.87	1.839	979307.2	-8.638	11.104	-4.026	-1.56
35209270	3520	9270	24/04/2004	115	13:23:15	-29 53 40.44134	140 19 43.79803	53.232	435198.41	6692708.21	39.066	908474	3257.92	0.049	-0.015	0.046	3257.97	2.745	979306.3	-9.406	12.056	-4.371	-1.722
35209290	3520	9290	24/04/2004	115	13:27:19	-29 53 33.97321	140 19 43.85897	48.108	435198.88	6692907.31	33.94	908474	3258.89	0.046	-0.015	0.047	3258.94	1.775	979307.3	-8.296	10.474	-3.798	-1.62
35209310	3520	9310	24/04/2004	115	13:31:11	-29 53 27.47918	140 19 43.91847	48.029	435199.31	6693107.21	33.857	908474	3258.78	0.051	-0.015	0.048	3258.83	1.883	979307.2	-8.263	10.448	-3.789	-1.603
35209330	3520	9330	24/04/2004	115	13:34:49	-29 53 21.00141	140 19 44.05762	49.879	435201.88	6693306.62	35.705	908474	3258.26	0.05	-0.014	0.05	3258.31	2.401	979306.7	-8.641	11.019	-3.995	-1.618
35209350	3520	9350	24/04/2004	115	13:39:18	-29 53 14.52166	140 19 44.10758	54.549	435202.05	6693506.08	40.373	908474	3257.07	0.046	-0.014	0.051	3257.12	3.593	979305.5	-9.692	12.459	-4.518	-1.751
35209370	3520	9370	24/04/2004	115	13:44:11	-29 53 07.74192	140 19 44.12786	47.779	435201.38	6693714.77	33.6	908474	3258.47	0.062	-0.014	0.053	3258.52	2.195	979306.9	-8.147	10.369	-3.76	-1.538
35209390	3520	9390	24/04/2004	115	13:47:42	-29 53 01.24108	140 19 44.15471	48.021	435200.93	6693914.87	33.84	908474	3258.33	0.046	-0.013	0.054	3258.38	2.332	979306.7	-8.143	10.443	-3.787	-1.487
35209410	3520	9410	24/04/2004	115	13:51:23	-29 52 54.95814	140 19 43.96088	50.714	435194.6	6694108.23	36.53	908474	3257.62	0.038	-0.013	0.055	3257.68	3.037	979306	-8.712	11.273	-4.088	-1.527
35209430	3520	9430	24/04/2004	115	13:55:27	-29 52 48.42852	140 19 44.17907	49.244	435199.28	6694309.25	35.057	908474	3257.97	0.066	-0.013	0.056	3258.03	2.685	979306.4	-8.219	10.819	-3.923	-1.323
35209450	3520	9450	24/04/2004	115	13:59:38	-29 52 41.81180	140 19 44.25793	49.806	435200.21	6694512.93	35.616	908474	3257.81	0.04	-0.013	0.057	3257.86	2.85	979306.2	-8.24	10.991	-3.985	-1.235
35209470	3520	9470	24/04/2004	115	14:03:18	-29 52 35.38465	140 19 44.27468	53.255	435199.51	6694710.76	39.063	908474	3256.89	0.045	-0.013	0.059	3256.95	3.767	979305.3	-9.018	12.055	-4.371	-1.334
35209490	3520	9490	24/04/2004	115	14:07:10	-29 52 29.02185	140 19 44.42152	48.988	435202.3	6694906.64	34.794	908474	3257.75	0.036	-0.013	0.06	3257.81	2.903	979306.2	-8.016	10.737	-3.893	-1.172
35209510	3520	9510	24/04/2004	115	14:11:48	-29 52 22.44903	140 19 44.35577	54.492	435199.36	6695108.94	40.294	908474	3256.28	0.037	-0.013	0.061	3256.34	4.37	979304.7	-9.341	12.435	-4.509	-1.415
35209530	3520	9530	24/04/2004	115	14:15:34	-29 52 15.94010	140 19 44.17908	48.436	435193.45	6695309.26	34.236	908474	3257.51	0.037	-0.013	0.063	3257.57	3.142	979305.9	-7.972	10.565	-3.831	-1.237
35209550	3520	9550	24/04/2004	115	14:19:17	-29 52 09.50794	140 19 44.47827	47.464	435200.32	6695507.29	33.262	908474	3257.52	0.044	-0.013	0.064	3257.59	3.125	979305.9	-7.815	10.265	-3.722	-1.273
29609540	2960	9540	25/04/2004	116	16:30:34	-29 52 11.67048	140 16 15.66116	39.722	429598.79	6695406.64	25.69	601307	3833.38	0.034	-0.033	-0.038	3833.34	2.454	979305.8	-7.959	7.928	-2.875	-2.906
30409240	3040	9240	25/04/2004	116	14:57:51	-29 53 49.15285	140 16 44.93519	42.768	430402.93	6692411.01	28.744	601307	3836.04	0.026	-0.026	-0.027	3836.01	-0.213	979308.5	-7.405	8.87	-3.216	-1.751
30409260	3040	9260	25/04/2004	116	15:00:57	-29 53 42.58747	140 16 44.87623	42.472	430400.08	6692613.09	28.446	601307	3835.88	0.027	-0.026	-0.027	3835.85	-0.058	979308.3	-7.418	8.778	-3.183	-1.822
30409280	3040	9280	25/04/2004	116	15:04:50	-29 53 36.16104	140 16 44.97527	49	430401.5	6692810.92	34.972	601307	3834.07	0.032	-0.026	-0.028	3834.04	1.755	979306.5	-9.091	10.792	-3.913	-2.212
30409300	3040	9300	25/04/2004	116	15:08:39	-29 53 29.85094	140 16 44.90969	48.541	430398.52	6693005.14	34.511	601307	3833.88	0.027	-0.026	-0.028	3833.85	1.942	979306.3	-9.141	10.65	-3.862	-2.353
30409320	3040	9320	25/04/2004	116	15:12:16	-29 53 23.18675	140 16 45.07523	40.497	430401.68	6693210.29	26.465	601307	3835.38	0.021	-0.026	-0.029	3835.35	0.449	979307.8	-7.504	8.167	-2.961	-2.298
30409340	3040	9340	25/04/2004	116	15:17:09	-29 53 16.67965	140 16 45.18499	40.266	430403.37	6693410.61	26.231	601307	3835.11	0.031	-0.026	-0.029	3835.08	0.718	979307.6	-7.632	8.095	-2.935	-2.472
30409360	3040	9360	25/04/2004	116	15:20:57	-29 53 10.23157	140 16 44.97827	50.408	430396.58	6693609.05	36.371	601307	3832.43	0.027	-0.026	-0.03	3832.4	3.392	979304.9	-10.166	11.224	-4.07	-3.012
30409380	3040	9380	25/04/2004	116	15:24:46	-29 53 03.81741	140 16 45.16486	44.991	430400.34	6693806.51	30.952	601307	3833.43	0.032	-0.027	-0.03	3833.4	2.4	979305.9	-9.035	9.552	-3.464	-2.947
30409400	3040	9400	25/04/2004	116	15:28:43	-29 52 57.07756	140 16 45.11407	42.819	430397.68	6694013.96	28.778	601307	3833.61	0.03	-0.027	-0.031	3833.57	2.221	979306.1	-8.71	8.881	-3.22	-3.049
30409420	3040	9420	25/04/2004	116	15:32:35	-29 52 50.57850	140 16 45.18169	42.423	430398.24	6694214.02	28.38	601307	3833.47	0.021	-0.027	-0.031	3833.44	2.354	979305.9	-8.702	8.758	-3.176	-3.12
30409440	3040	9440	25/04/2004	116	15:36:20	-29 52 44.05847	140 16 45.21296	47.43	430397.82	6694414.71	33.385	601307	3832.14	0.029	-0.027	-0.032	3832.1	3.693	979304.6	-9.9	10.303	-3.736	-3.333
30409460	3040	9460	25/04/2004	116	15:40:18	-29 52 37.73684	140 16 45.42356	47.533	430402.25	6694609.33	33.486	601307	3832	0.031	-0.028	-0.032	3831.97	3.827	979304.5	-9.897	10.334	-3.747	-3.31
30409480	3040	9480	25/04/2004	116	15:44:26	-29 52 31.33341	140 16 45.38147	43.133	430399.89	6694806.43	29.083	601307	3832.89	0.034	-0.028	-0.033	3832.85	2.943	979305.3	-8.874	8.975	-3.254	-3.154
30409500	3040	9500	25/04/2004	116	15:48:26	-29 52 24.67405	140 16 45.34801	45.568	430397.71	6695011.4	31.516	601307	3832.31	0.035	-0.028	-0.033	3832.28	3.521	979304.8	-9.308	9.726	-3.527	-3.109
30409520	3040	9520	25/04/2004	116	15:52:03	-29 52 18.34144	140 16 45.51798	43.918	430401.04	6695206.35	29.864	601307	3832.69	0.03	-0.029	-0.033	3832.66	3.138	979305.2	-8.788	9.216	-3.342	-2.913
30409540	3040	9540	25/04/2004	116	15:55:49	-29 52 11.75926	140 16 45.60745	42.71	430402.17	6695408.97	28.654	601307	3832.93	0.04	-0.029	-0.034	3832.89	2.903	979305.4	-8.41	8.843	-3.206	-2.774
30409560	3040	9560	25/04/2004	116	15:59:12	-29 52 05.29314	140 16 45.60546	42.981	430400.88	6695608	28.923	601307	3832.91	0.027	-0.029	-0.034	3832.87	2.925	979305.4	-8.292	8.926	-3.236	-2.603
30409580	3040	9580	25/04/2004	116	16:03:12	-29 51 58.74898	140 16 45.68727	48.74	430401.81	6695809.45	34.679	601307	3831.56	0.038	-0.03	-0.035	3831.53	4.269	979304	-9.494	10.702	-3.881	-2.673
21609540	2160	9540	25/04/2004	116	12:13:17	-29 52 09.86323	140 11 17.44283	37.073	421598.05	6695408.69	23.267	908474	3255.96	0.088	-0.036	0.05	3256.01	4.13	979304.2	-9.596	7.18	-2.604	-5.019
21609560	2160	9560	25/04/2004	116	12:20:20	-29 52 03.17813	140 11 17.44227	35.357	421596.59	6695614.47	21.551	908474	3256.01	0.072	-0.035	0.054	3256.07	4.075	979304.2	-9.396	6.651	-2.412	-5.157
21609580	2160	9580	25/04/2004	116	12:31:47	-29 51 56.56610	140 11 17.39823	33.904	421593.97	6695817.98	20.096	908474	3256.03	0.05	-0.034	0.06	3256.09	4.046	979304.2	-9.224	6.202	-2.249	-5.271
22409580	2240	9580	25/04/2004	116	13:27:38	-29 51 57.10780	140 11 47.23140	27.739	422394.46	6695806.93	13.909	908474	3257.73	0.039	-0.029	0.088	3257.81	2.327	979306	-7.517	4.292	-1.556	-4.781
23209510	2320	9510	25/04/2004	116	13:43:17	-29 52 19.78989	140 12 17.02404	35.57	423198.57	6695114.31	21.723	908474	3257.35	0.039	-0.028	0.097	3257.45	2.693	979305.6	-8.374	6.704	-2.431	-4.101
23209530	2320	9530	25/04/2004	116	13:47:18	-29 52 13.37485	140 12 17.14973	32.383	423200.58	6695311.79	18.534	908474	3257.93	0.036	-0.027	0.099	3258.03	2.113	979306.2	-7.655	5.72	-2.074	-4.009
23209550	2320	9550	25/04/2004	116	13:50:52	-29 52 06.86477	140 12 17.18251	33.551	423200.08	6695512.18	19.701	908474	3257.57	0.03	-0.027	0.1	3257.67	2.474	979305.8	-7.875	6.08	-2.205	-4
23209570	2320	9570	25/04/2004	116	13:54:36	-29 52 00.40168	140 12 17.22182	31.033	423199.76	6695711.13	17.181	908474	3258.08	0.029	-0.027	0.102	3258.18	1.962	979306.3	-7.223	5.302	-1.923	-3.843

Pt_no	Line	Stn	Date	Day_no	Time	Lat_WGS	Long_WGS	height_WGS	East_MGA54	North_MGA54	Height_AHD	Meter	Reading	SD	ET_Corr	drift_corr	Corr_reading	base_diff	Obs_grav	Anom	freeair_corr	Boug_corr	Bouger
24009440	2400	9440	25/04/2004	116	15:10:06	-29 52 42.99945	140 12 46.65670	45.129	423998.41	6694405.36	31.265	908474	3256.16	0.036	-0.026	0.141	3256.3	3.837	979304.5	-10.021	9.648	-3.499	-3.871
24009460	2400	9460	25/04/2004	116	15:05:21	-29 52 36.31393	140 12 46.90161	43.309	424003.57	6694611.19	29.443	908474	3256.37	0.043	-0.026	0.139	3256.51	3.629	979304.7	-9.668	9.086	-3.295	-3.877
24009480	2400	9480	25/04/2004	116	15:01:48	-29 52 29.85888	140 12 46.63665	41.71	423995.1	6694809.84	27.843	908474	3256.64	0.032	-0.026	0.137	3256.78	3.36	979304.9	-9.259	8.592	-3.116	-3.782
24009500	2400	9500	25/04/2004	116	14:58:23	-29 52 23.55069	140 12 46.99385	41.838	424003.35	6695004.08	27.969	908474	3256.41	0.028	-0.026	0.135	3256.54	3.601	979304.7	-9.364	8.631	-3.13	-3.862
24009520	2400	9520	25/04/2004	116	14:54:39	-29 52 16.97599	140 12 46.77497	42.242	423996.1	6695206.41	28.372	908474	3256.2	0.031	-0.026	0.133	3256.33	3.809	979304.5	-9.429	8.756	-3.175	-3.848
24009540	2400	9540	25/04/2004	116	14:51:07	-29 52 10.34814	140 12 47.02769	38.443	424001.48	6695410.47	24.571	908474	3256.99	0.027	-0.025	0.132	3257.12	3.018	979305.3	-8.494	7.583	-2.749	-3.661
24009560	2400	9560	25/04/2004	116	14:47:16	-29 52 03.88451	140 12 46.78992	37.557	423993.74	6695609.38	23.684	908474	3257.13	0.062	-0.025	0.13	3257.26	2.886	979305.4	-8.222	7.309	-2.65	-3.564
24009580	2400	9580	25/04/2004	116	14:43:45	-29 51 57.26441	140 12 46.94649	36.097	423996.55	6695813.18	22.222	908474	3257.4	0.029	-0.025	0.128	3257.52	2.617	979305.7	-7.81	6.858	-2.487	-3.439
24809500	2480	9500	25/04/2004	116	16:18:35	-29 52 23.53777	140 13 16.58466	50.266	424797.16	6695009.88	36.376	908474	3254.92	0.021	-0.031	0.177	3255.09	5.049	979303.2	-10.811	11.226	-4.07	-3.656
24809520	2480	9520	25/04/2004	116	16:15:16	-29 52 17.01885	140 13 16.62764	52.196	424796.96	6695210.54	38.304	908474	3254.29	0.044	-0.031	0.175	3254.46	5.677	979302.6	-11.298	11.821	-4.286	-3.764
24809540	2480	9540	25/04/2004	116	16:11:34	-29 52 10.69539	140 13 16.76541	49.768	424799.34	6695405.21	35.874	908474	3254.62	0.036	-0.03	0.173	3254.8	5.346	979302.9	-10.83	11.071	-4.014	-3.774
24809560	2480	9560	25/04/2004	116	16:07:17	-29 52 04.21541	140 13 16.81609	44.687	424799.34	6695604.68	30.791	908474	3255.72	0.028	-0.03	0.171	3255.89	4.253	979304	-9.597	9.502	-3.446	-3.54
24809580	2480	9580	25/04/2004	116	16:03:39	-29 51 57.59335	140 13 17.12928	45.291	424806.37	6695808.57	31.393	908474	3255.5	0.031	-0.03	0.169	3255.67	4.468	979303.8	-9.668	9.688	-3.513	-3.493
28009530	2800	9530	26/04/2004	117	13:45:18	-29 52 14.41647	140 15 16.24318	42.7	428005.33	6695311.9	28.716	601307	3832.72	0.024	-0.039	-0.063	3832.66	2.981	979305.3	-8.546	8.862	-3.213	-2.897
28009550	2800	9550	26/04/2004	117	13:40:42	-29 52 08.27548	140 15 16.07370	41.552	427999.56	6695500.9	27.565	601307	3832.91	0.04	-0.039	-0.062	3832.85	2.79	979305.5	-8.222	8.507	-3.085	-2.799
28009570	2800	9570	26/04/2004	117	13:37:17	-29 52 01.48044	140 15 16.07031	41.629	427998.11	6695710.05	27.641	601307	3832.84	0.016	-0.039	-0.061	3832.78	2.857	979305.4	-8.141	8.53	-3.093	-2.704
28009590	2800	9590	26/04/2004	117	13:33:36	-29 51 54.87026	140 15 16.24978	41.062	428001.61	6695913.55	27.072	601307	3832.93	0.024	-0.04	-0.06	3832.87	2.77	979305.5	-7.911	8.354	-3.029	-2.586
28809230	2880	9230	26/04/2004	117	15:01:44	-29 53 52.14235	140 15 45.08788	48.88	428798.43	6692308.81	34.903	601307	3834.62	0.018	-0.036	-0.078	3834.55	1.09	979307.2	-8.773	10.771	-3.906	-1.907
28809250	2880	9250	26/04/2004	117	14:58:14	-29 53 45.53166	140 15 45.19459	41.619	428799.99	6692512.31	27.639	601307	3836.15	0.034	-0.037	-0.077	3836.07	-0.436	979308.7	-7.103	8.529	-3.093	-1.667
28809270	2880	9270	26/04/2004	117	14:54:51	-29 53 39.03933	140 15 45.25820	42.964	428800.41	6692712.16	28.982	601307	3835.59	0.024	-0.037	-0.077	3835.51	0.121	979308.2	-7.52	8.944	-3.243	-1.819
28809290	2880	9290	26/04/2004	117	14:51:16	-29 53 32.64018	140 15 45.27782	41.817	428799.68	6692909.14	27.833	601307	3835.7	0.025	-0.037	-0.076	3835.63	0.009	979308.3	-7.269	8.589	-3.115	-1.794
28809310	2880	9310	26/04/2004	117	14:47:43	-29 53 26.14831	140 15 45.35342	41.303	428800.42	6693108.98	27.317	601307	3835.65	0.026	-0.037	-0.075	3835.57	0.065	979308.2	-7.184	8.43	-3.057	-1.811
28809330	2880	9330	26/04/2004	117	14:43:58	-29 53 19.70695	140 15 45.30339	43.785	428797.81	6693307.24	29.798	601307	3834.81	0.03	-0.037	-0.075	3834.74	0.898	979307.4	-7.878	9.196	-3.334	-2.016
28809350	2880	9350	26/04/2004	117	14:39:55	-29 53 13.03357	140 15 45.42985	43.928	428799.88	6693512.67	29.938	601307	3834.55	0.029	-0.037	-0.074	3834.47	1.163	979307.1	-7.998	9.239	-3.35	-2.109
28809370	2880	9370	26/04/2004	117	14:36:10	-29 53 06.72097	140 15 45.35660	45.133	428796.67	6693706.97	31.142	601307	3833.98	0.028	-0.037	-0.073	3833.91	1.728	979306.6	-8.426	9.61	-3.485	-2.301
28809390	2880	9390	26/04/2004	117	14:32:17	-29 53 00.22720	140 15 45.58431	42.7	428801.5	6693906.89	28.706	601307	3834.27	0.034	-0.038	-0.072	3834.19	1.442	979306.8	-7.999	8.859	-3.212	-2.353
28809410	2880	9410	26/04/2004	117	14:28:23	-29 52 53.57704	140 15 45.66219	46.783	428802.28	6694111.6	32.788	601307	3833.04	0.037	-0.038	-0.071	3832.97	2.664	979305.6	-9.077	10.118	-3.669	-2.628
28809430	2880	9430	26/04/2004	117	14:24:13	-29 52 47.18839	140 15 45.59924	44.432	428799.33	6694308.24	30.435	601307	3833.28	0.019	-0.038	-0.071	3833.21	2.427	979305.9	-8.702	9.392	-3.406	-2.715
28809450	2880	9450	26/04/2004	117	14:20:42	-29 52 40.66977	140 15 45.84094	43.586	428804.52	6694508.92	29.587	601307	3833.07	0.025	-0.038	-0.07	3833	2.639	979305.7	-8.773	9.131	-3.311	-2.953
28809470	2880	9470	26/04/2004	117	14:16:55	-29 52 34.17212	140 15 45.83874	40.234	428803.18	6694708.93	26.233	601307	3833.6	0.025	-0.038	-0.069	3833.53	2.104	979306.2	-8.097	8.096	-2.935	-2.937
28809490	2880	9490	26/04/2004	117	14:13:13	-29 52 27.60855	140 15 45.69508	43.966	428798.03	6694910.93	29.963	601307	3832.54	0.018	-0.038	-0.068	3832.47	3.165	979305.1	-9.016	9.247	-3.353	-3.122
28809510	2880	9510	26/04/2004	117	14:09:54	-29 52 21.03656	140 15 45.92373	44.843	428802.87	6695113.26	30.838	601307	3832.27	0.021	-0.038	-0.068	3832.2	3.435	979304.9	-9.143	9.517	-3.451	-3.077
28809530	2880	9530	26/04/2004	117	14:05:38	-29 52 14.76352	140 15 45.87522	44.271	428800.33	6695306.34	30.264	601307	3832.35	0.029	-0.039	-0.067	3832.28	3.354	979304.9	-8.926	9.339	-3.387	-2.973
28809550	2880	9550	26/04/2004	117	14:02:07	-29 52 08.37721	140 15 45.82281	42.918	428797.67	6695502.91	28.909	601307	3832.62	0.029	-0.039	-0.066	3832.55	3.081	979305.2	-8.515	8.921	-3.235	-2.828
28809570	2880	9570	26/04/2004	117	13:58:07	-29 52 01.66843	140 15 45.75407	40.012	428794.5	6695709.4	26.001	601307	3833.32	0.027	-0.039	-0.065	3833.25	2.383	979305.9	-7.671	8.024	-2.91	-2.557
28809590	2880	9590	26/04/2004	117	13:54:30	-29 51 55.24082	140 15 46.11918	39.722	428803.03	6695907.31	25.709	601307	3833.4	0.047	-0.039	-0.065	3833.33	2.303	979306	-7.452	7.934	-2.877	-2.395
29609240	2960	9240	26/04/2004	117	10:40:19	-29 53 49.06773	140 16 14.96443	42.452	429599.11	6692408.56	28.451	601307	3836.39	0.028	-0.027	-0.026	3836.36	-0.725	979309	-6.891	8.78	-3.184	-1.295
29609260	2960	9260	26/04/2004	117	10:43:50	-29 53 42.48103	140 16 15.13238	40.532	429602.33	6692611.34	26.529	601307	3836.59	0.018	-0.028	-0.026	3836.56	-0.927	979309.2	-6.546	8.187	-2.969	-1.328
29609280	2960	9280	26/04/2004	117	10:47:25	-29 53 36.05177	140 16 15.15975	43.029	429601.81	6692809.24	29.024	601307	3835.71	0.02	-0.028	-0.027	3835.68	-0.043	979308.3	-7.291	8.957	-3.248	-1.582
29609300	2960	9300	26/04/2004	117	10:51:03	-29 53 29.53387	140 16 15.15716	41.165	429600.46	6693009.87	27.158	601307	3835.81	0.024	-0.029	-0.028	3835.78	-0.146	979308.4	-7.047	8.381	-3.039	-1.705
29609320	2960	9320	26/04/2004	117	10:54:27	-29 53 23.10228	140 16 15.16349	40.753	429599.38	6693207.84	26.743	601307	3835.57	0.018	-0.03	-0.028	3835.54	0.094	979308.2	-7.147	8.253	-2.993	-1.887
29609340	2960	9340	26/04/2004	117	10:58:07	-29 53 16.54917	140 16 15.28002	41.006	429601.22	6693409.57	26.994	601307	3835.12	0.033	-0.03	-0.029	3835.09	0.542	979307.7	-7.453	8.33	-3.021	-2.143
29609360	2960	9360	26/04/2004	117	11:01:52	-29 53 10.07035	140 16 15.31249	45.48	429600.83	6693608.99	31.467	601307	3833.73	0.02	-0.031	-0.03	3833.7	1.933	979306.4	-8.704	9.711	-3.521	-2.514
29609380	2960	9380	26/04/2004	117	11:05:48	-29 53 03.54832	140 16 15.41824	41.476	429602.4	6693809.76	27.46	601307	3834.35	0.023	-0.032	-0.031	3834.32	1.319	979307	-7.948	8.474	-3.073	-2.547
29609400	2960	9400	26/04/2004	117	11:09:52	-29 52 57.10064	140 16 15.27069	41.269	429597.18	6694008.2	27.251	601307	3834.13	0.018	-0.032	-0.032	3834.1	1.538	979306.8	-8.028	8.41	-3.049	-2.667
29609420	2960	9420	26/04/2004	117	11:13:37	-29 52 50.60019	140 16 15.43217	41.365	429600.24	6694208.32	27.345	601307	3833.83	0.024	-0.033	-0.032	3833.79	1.842	979306.4	-8.191	8.439	-3.06	-2.812
29609440	2960	9440	26/04/2004	117	11:17:29	-29 52 44.10361	140 16 15.49383	40.902	429600.63	6694408.3	26.881	601307	3833.67	0.023	-0.033	-0.033	3833.64	1.995	979306.3	-8.203	8.295	-3.008	-2.915
29609460	2960	9460	26/04/2004	117	11:21:44	-29 52 37.63492	140 16 15.61725	41.88	429602.68	6694607.43	27.856	601307	3833.24	0.031	-0.034	-0.034	3833.21	2.425	979305.9	-8.493	8.596	-3.117	-3.013
29609480	2960	9480	26/04/2004	117	11:26:04	-29 52 31.15326	140 16 15.41291	46.249	429595.93	6694806.91	32.223	601307	3832.1	0.015	-0.034	-0.035	3832.07	3.571	979304.7	-9.498	9.944	-3.606	-3.16
29609500	2960	9500	26/04/2004	117	11:30:15	-29 52 24.61943	140 16 15.57761	46.546	429599.07	6695008.05	32.518	601307	3831.94	0.02	-0.035	-0.036	3831.9	3.732	979304.6	-9.518	10.035	-3.639	-3.121
29609520	2960	9520	26/04/2004	117	11:34:10	-29 52 18.18743	140 16 15.65861	41.341	429599.99	6695206.05	27.312	601307	3833.04	0.022	-0.035	-0.036	3833	2.635	979305.7	-8.281	8.428	-3.056	-2.909
29609540	2960	9540	26/04/2004	117	11:39:19	-29 52 11.66976	140 16 15.65882	39.73	429598.73	6695406.67	25.698	601307	3833.24	0.027	-0.036	-0.037	3833.2	2.435	979305.9	-7.94	7.93	-2.876	-2.885
29609560	2960	9560	26/04/2004	117	11:43:29	-29 52 05.26179	140 16 15.67443	40.003	429597.9	6695603.91	25.969	601307	3833.23	0.02	-0.036	-0.038	3833.19	2.448	979305.8	-7.814	8.014	-2.906	-2.706
29609580	2960	9580	26/04/2004	117	11:47:59	-29 51 58.62742	140 16 15.83438	46.716	429600.89	6695808.15	32.679	601307	3831.77	0.029	-0.037	-0.039	3831.73	3.908	979304.4	-9.131	10.085	-3.657	-2.703
21609540	2160	9540	26/04/2004	117	9:30:02	-29 52 09.85697	140 11 17.43854	37.099	421597.94	6695408.89	23.294	908474	3256.06	0.024	-0.009	-0.003	3256.06	4.118	979304.2	-9.584	7.189	-2.607	-5.002
21609580	2160	9580	26/04/2004	117	9:34:26	-29 51 56.56610	140 11 17.39562	33.918	421593.9	6695817.98	20.11	908474	3256.1	0.021	-0.01	-0.003	3256.1	4.076	979304.2	-9.254	6.206	-2.25	-5.298
22409440	2240	9440	26/04/2004	117	10:07:16	-29 52 42.22566	140 11 46.98873	34.793	422397.65	6694418.11	20.972	908474	3258.36	0.028	-0.019	-0.005	3258.35	1.823	979306.5	-7.99	6.472	-2.347	-3.865
22409460	2240	9460	26/04/2004	117	10:04:18	-29 52 36.12576	140 11 47.45533	32.891	422408.86	6694605.96	19.069	908474	3258.37	0.033	-0.019	-0.005	3258.37	1.808	979306.5	-7.843	5.885	-2.134	-4.092
22409480	2240	9480	26/04/2004	117	10:01:20	-29 52 29.27021	140 11 47.18063	32.242	422400.02	6694816.93	18.419	908474	3258.2	0.031	-0.018	-0.004	3258.19	1.983	979306.3	-7.87	5.684	-2.061	-4.247
22409500	2240	9500	26/04/2004	117	9:58:26	-29 52 23.23537	140 11 47.27851	30.885	422401.34	6695002.71	17.06	908474	3258.16	0.038	-0.017	-0.004	3258.15	2.025	979306.3	-7.781	5.265	-1.909	-4.425
22409520	2240	9520	26/04/2004	117	9:55:19	-29 52 16.68492	140 11 47.45826	29.604	422404.76	6695204.37	15.778	908474	3258.08	0.031	-0.016	-0.004	3258.07	2.102	979306.2	-7.716	4.869	-1.766	-4.612
22409540	2240	9540	26/04/2004	117	9:52:21	-29 52 09.88576	140 11 47.31342	31.101	422399.41	6695413.63	17.274	908474	3257.5	0.041	-0.015	-0.004	3257.49	2.685	979305.6	-8.152	5.331	-1.933	-4.754
22409560	2240	9560	26/04/2004	117	9:48:47	-29 52 03.40632	140 11 47.42318	28.63	422400.96	6695613.09	14.801	908474	3257.8	0.051	-0.014	-0.004	3257.79	2.383	979305.9	-7.709	4.568	-1.656	-4.798
23209330	2320	9330	26/04/2004	117	10:15:49	-29 53 18.30892	140 12 16.45267	44.252	423195.71	6693312.93	30.419	908474	3257.87	0.03	-0.021	-0.005	3257.87	2.311	979306	-9.26	9.387	-3.404	-3.277
23209350	2320	9350	26/04/2004	117	10:18:58	-29 53 11.90924	140 12 16.34964	43.449	423191.58	6693509.9	29.614	908474	3257.75	0.022	-0.022	-0.005	3257.74	2.436	979305.9	-9.247	9.139	-3.314	-3.421
23209370	2320	9370	26/04/2004	117	10:22:02	-29 53 05.40532	140 12 16.46637	41.788	423193.33	6693710.12	27.951	908474	3257.84	0.037	-0.023	-0.005	3257.83	2.344	979305.9	-9.014	8.626	-3.128	-3.516
23209390	2320	9390	26/04/2004	117	10:25:00	-29 52 58.76072	140 12 16.72257	42.101	423198.78	6693914.69	28.263	908474	3257.48	0.033	-0.024	-0.006	3257.47	2.707	979305.6	-9.233	8.722	-3.163	-3.673
23209410	2320	9410	26/04/2004	117	10:28:09	-29 52 52.33179	140 12 16.62498	44.7	423194.8	6694112.56	30.86	908474	3256.5	0.021	-0.024	-0.006	3256.49	3.682	979304.6	-10.068	9.523	-3.453	-3.998
23209430	2320	9430	26/04/2004	117	10:31:10	-29 52 45.67161	140 12 16.59846	38.596	423192.67	6694317.56	24.755	908474	3257.58	0.027	-0.025	-0.006	3257.57	2.604	979305.7	-8.846	7.639	-2.77	-3.977
23209450	2320	9450	26/04/2004	117	10:33:56	-29 52 39.24425	140 12 17.18142	37.041	423206.94	6694515.51	23.198	908474	3257.67	0.026	-0.026	-0.006	3257.66	2.517	979305.8	-8.62	7.159	-2.596	-4.056
23209470	2320	9470	26/04/2004	117	10:36:48	-29 52 32.98964	140 12 17.07019	41.121	423202.62	6694708.01	27.277	908474	3256.46	0.026	-0.026	-0.006	3256.45	3.725	979304.6	-9.692	8.418	-3.052	-4.327
23209490	2320	9490	26/04/2004	117	10:40:09	-29 52 26.44534	140 12 17.42119	36.299	423210.65	6694909.52	22.453	908474	3257.44	0.021	-0.027	-0.006	3257.43	2.746	979305.5	-8.571	6.929	-2.512	-4.155
24009200	2400	9200	26/04/2004	117	11:19:52	-29 54 00.77891	140 12 45.90961	47.486	423994.76	6692011.1	33.641	908474	3259.06	0.026	-0.034	-0.008	3259.05	1.129	979307.2	-8.999	10.382	-3.764	-2.382
24009220	2400	9220	26/04/2004	117	11:17:10	-29 53 54.36199	140 12 46.40079	47.341	424006.58	6692208.71	33.494	908474	3258.81	0.023	-0.033	-0.008	3258.8	1.378	979306.9	-9.109	10.336	-3.748	-2.521
24009240	2400	9240	26/04/2004	117	11:14:10	-29 53 48.09288	140 12 46.26895	47.778	424001.72	6692401.65	33.93	908474	3258.36	0.024	-0.033	-0.008	3258.35	1.825	979306.5	-9.42	10.471	-3.797	-2.746
24009260	2400	9260	26/04/2004	117	11:10:54	-29 53 41.49128	140 12 46.56289	47.835	424008.21	6692604.91	33.985	908474	3258.04	0.025	-0.032	-0.008	3258.03	2.148	979306.1	-9.6	10.488	-3.803	-2.915
24009280	2400	9280	26/04/2004	117	11:08:03	-29 53 34.78604	140 12 46.27514	42.04	423999.08	6692811.25	28.188	908474	3259.19	0.031	-0.032	-0.008	3259.18	0.995	979307.3	-8.301	8.699	-3.154	-2.757
24009300	2400	9300	26/04/2004	117	11:05:04	-29 53 28.21308	140 12 46.22855	43.835	423996.45	6693013.57	29.983	908474	3258.51	0.033	-0.031	-0.008	3258.5	1.68	979306.6	-8.844	9.253	-3.355	-2.946
24009320	2400	9320	26/04/2004	117	11:01:27	-29 53 21.70135	140 12 46.10238	45.638	423991.69	6693213.98	31.784	908474	3257.82	0.048	-0.031	-0.007	3257.81	2.367	979305.9	-9.39	9.809	-3.557	-3.138
24009340	2400	9340	26/04/2004	117	10:58:41	-29 53 15.31265	140 12 46.55739	46.192	424002.55	6693410.71	32.336	908474	3257.38	0.05	-0.03	-0.007	3257.37	2.805	979305.5	-9.689	9.979	-3.618	-3.329
24009360	2400	9360	26/04/2004	117	10:55:51	-29 53 08.88737	140 12 46.79967	45.044	424007.7	6693608.53	31.186	908474	3257.39	0.019	-0.03	-0.007	3257.39	2.791	979305.5	-9.536	9.624	-3.49	-3.402
24009380	2400	9380	26/04/2004	117	10:52:37	-29 53 02.30672	140 12 46.63420	50.114	424001.87	6693811.06	36.255	908474	3255.93	0.032	-0.029	-0.007	3255.93	4.249	979304	-10.851	11.188	-4.057	-3.72

Pt_no	Line	Stn	Date	Day_no	Time	Lat_WGS	Long_WGS	height_WGS	East_MGA54	North_MGA54	Height_AHD	Meter	Reading	SD	ET_Corr	drift_corr	Corr_reading	base_diff	Obs_grav	Anom	freeair_corr	Boug_corr	Bouger
24009400	2400	9400	26/04/2004	117	10:49:37	-29 52 55.69340	140 12 46.69295	45.636	424002.05	6694014.64	31.775	908474	3256.67	0.039	-0.029	-0.007	3256.67	3.511	979304.8	-9.97	9.806	-3.556	-3.72
24009420	2400	9420	26/04/2004	117	10:46:18	-29 52 49.08566	140 12 46.75245	47.126	424002.26	6694218.04	33.264	908474	3256.09	0.031	-0.028	-0.007	3256.08	4.099	979304.2	-10.415	10.265	-3.722	-3.872
24809160	2480	9160	26/04/2004	117	11:26:15	-29 54 14.15517	140 13 15.68608	50.117	424796.13	6691604.8	36.255	908474	3258.88	0.022	-0.034	-0.009	3258.88	1.302	979307	-9.462	11.188	-4.057	-2.331
24809180	2480	9180	26/04/2004	117	11:33:31	-29 54 07.66831	140 13 15.72045	50.27	424795.7	6691804.48	36.406	908474	3258.47	0.025	-0.035	-0.009	3258.46	1.714	979306.6	-9.733	11.235	-4.074	-2.572
24809200	2480	9200	26/04/2004	117	11:36:39	-29 54 01.04174	140 13 15.99889	56.037	424801.78	6692008.5	42.171	908474	3256.76	0.024	-0.036	-0.009	3256.76	3.421	979304.9	-11.297	13.014	-4.719	-3.002
24809220	2480	9220	26/04/2004	117	11:39:41	-29 53 54.39427	140 13 16.15541	51.777	424804.59	6692213.15	37.909	908474	3257.47	0.033	-0.036	-0.009	3257.46	2.716	979305.6	-10.448	11.699	-4.242	-2.991
24809240	2480	9240	26/04/2004	117	11:42:42	-29 53 48.04890	140 13 15.91111	46.363	424796.72	6692408.42	32.494	908474	3258.47	0.026	-0.036	-0.01	3258.46	1.715	979306.6	-9.309	10.028	-3.636	-2.918
24809260	2480	9260	26/04/2004	117	11:45:39	-29 53 41.47356	140 13 15.85557	47.114	424793.85	6692610.81	33.243	908474	3258.14	0.03	-0.037	-0.01	3258.13	2.044	979306.2	-9.495	10.259	-3.72	-2.957
24809280	2480	9280	26/04/2004	117	11:48:29	-29 53 34.95661	140 13 16.08606	48.112	424798.68	6692811.45	34.239	908474	3257.68	0.023	-0.037	-0.01	3257.67	2.512	979305.8	-9.822	10.566	-3.831	-3.087
24809300	2480	9300	26/04/2004	117	11:51:34	-29 53 28.53865	140 13 16.11890	49.919	424798.22	6693009	36.044	908474	3257.12	0.021	-0.037	-0.01	3257.11	3.065	979305.2	-10.236	11.123	-4.033	-3.146
24809320	2480	9320	26/04/2004	117	11:54:50	-29 53 21.99249	140 13 16.15575	47.507	424797.84	6693210.51	33.631	908474	3257.55	0.022	-0.037	-0.01	3257.54	2.64	979305.7	-9.669	10.379	-3.763	-3.054
24809340	2480	9340	26/04/2004	117	11:57:42	-29 53 15.60453	140 13 16.43688	45.975	424804.05	6693407.19	32.097	908474	3257.64	0.02	-0.038	-0.01	3257.63	2.544	979305.7	-9.435	9.905	-3.592	-3.121
24809360	2480	9360	26/04/2004	117	12:00:39	-29 53 08.97589	140 13 16.33254	44.811	424799.87	6693611.2	30.932	908474	3257.66	0.023	-0.038	-0.01	3257.65	2.524	979305.8	-9.271	9.546	-3.461	-3.187
24809380	2480	9380	26/04/2004	117	12:03:37	-29 53 02.56703	140 13 16.42782	45.29	424801.09	6693808.49	31.409	908474	3257.37	0.028	-0.038	-0.011	3257.36	2.815	979305.5	-9.423	9.693	-3.515	-3.245
24809400	2480	9400	26/04/2004	117	12:06:41	-29 52 55.97028	140 13 16.75970	45.503	424808.62	6694011.61	31.621	908474	3257.16	0.032	-0.038	-0.011	3257.14	3.033	979305.3	-9.498	9.758	-3.538	-3.278
24809420	2480	9420	26/04/2004	117	12:09:45	-29 52 49.59940	140 13 16.45614	44.544	424799.15	6694207.65	30.66	908474	3257.19	0.024	-0.039	-0.011	3257.18	2.996	979305.3	-9.323	9.462	-3.431	-3.292
24809440	2480	9440	26/04/2004	117	12:13:36	-29 52 42.92351	140 13 16.63554	45.466	424802.57	6694413.17	31.58	908474	3256.76	0.032	-0.039	-0.011	3256.75	3.427	979304.9	-9.609	9.746	-3.534	-3.398
24809460	2480	9460	26/04/2004	117	12:16:34	-29 52 36.50707	140 13 16.33788	48.357	424793.25	6694610.62	34.47	908474	3255.95	0.03	-0.039	-0.011	3255.94	4.238	979304.1	-10.281	10.637	-3.857	-3.501
24809480	2480	9480	26/04/2004	117	12:19:56	-29 52 30.03789	140 13 16.48204	50.858	424795.77	6694809.78	36.969	908474	3255.18	0.024	-0.039	-0.011	3255.17	5.01	979303.3	-10.913	11.409	-4.137	-3.641
24809500	2480	9500	26/04/2004	117	12:23:08	-29 52 23.54008	140 13 16.58487	50.275	424797.17	6695009.8	36.384	908474	3255.15	0.03	-0.039	-0.012	3255.14	5.037	979303.3	-10.799	11.228	-4.071	-3.643
25609060	2560	9060	26/04/2004	117	13:40:13	-29 54 46.77056	140 13 45.43775	49.16	425600.74	6690606.25	35.287	908474	3260.73	0.026	-0.039	-0.016	3260.71	-0.535	979308.8	-8.332	10.89	-3.949	-1.391
25609080	2560	9080	26/04/2004	117	13:37:23	-29 54 40.19078	140 13 45.66647	49.199	425605.52	6690808.82	35.324	908474	3260.28	0.028	-0.039	-0.015	3260.27	-0.091	979308.4	-8.634	10.901	-3.953	-1.685
25609100	2560	9100	26/04/2004	117	13:34:33	-29 54 33.67419	140 13 45.52057	48.453	425600.26	6691009.38	34.576	908474	3260.06	0.051	-0.04	-0.015	3260.04	0.136	979308.2	-8.719	10.67	-3.869	-1.918
25609120	2560	9120	26/04/2004	117	13:31:36	-29 54 26.88302	140 13 45.59148	48.077	425600.76	6691218.43	34.198	908474	3259.75	0.043	-0.04	-0.015	3259.74	0.439	979307.9	-8.875	10.554	-3.827	-2.148
25609140	2560	9140	26/04/2004	117	13:28:56	-29 54 20.51933	140 13 45.68210	47.497	425601.88	6691414.33	33.616	908474	3259.53	0.03	-0.04	-0.015	3259.51	0.667	979307.6	-8.965	10.374	-3.762	-2.353
25609160	2560	9160	26/04/2004	117	13:25:50	-29 54 14.20974	140 13 45.80208	44.784	425603.79	6691608.57	30.901	908474	3259.76	0.035	-0.04	-0.015	3259.75	0.431	979307.9	-8.592	9.536	-3.458	-2.514
25609180	2560	9180	26/04/2004	117	13:22:46	-29 54 07.92798	140 13 45.71451	49.59	425600.15	6691801.91	35.704	908474	3258.35	0.019	-0.04	-0.015	3258.34	1.839	979306.5	-9.864	11.018	-3.995	-2.841
25609200	2560	9200	26/04/2004	117	13:19:28	-29 54 01.06342	140 13 45.99331	43.796	425606.21	6692013.26	29.909	908474	3259.49	0.052	-0.04	-0.014	3259.47	0.705	979307.6	-8.581	9.23	-3.347	-2.698
25609220	2560	9220	26/04/2004	117	13:16:33	-29 53 54.90731	140 13 46.15673	43.81	425609.32	6692202.78	29.92	908474	3259.26	0.037	-0.04	-0.014	3259.24	0.932	979307.4	-8.675	9.233	-3.348	-2.789
25609240	2560	9240	26/04/2004	117	13:13:35	-29 53 48.20896	140 13 46.09205	46.883	425606.2	6692408.95	32.992	908474	3258.36	0.023	-0.04	-0.014	3258.34	1.833	979306.5	-9.43	10.181	-3.692	-2.941
25609260	2560	9260	26/04/2004	117	13:10:33	-29 53 41.62124	140 13 45.87831	43.619	425599.11	6692611.69	29.726	908474	3258.93	0.028	-0.04	-0.014	3258.92	1.26	979307	-8.715	9.173	-3.326	-2.868
25609280	2560	9280	26/04/2004	117	13:07:42	-29 53 35.18496	140 13 45.83598	44.328	425596.65	6692809.8	30.434	908474	3258.55	0.021	-0.04	-0.014	3258.53	1.645	979306.6	-8.96	9.392	-3.406	-2.974
25609300	2560	9300	26/04/2004	117	13:04:39	-29 53 28.68970	140 13 46.27657	47.492	425607.12	6693009.8	33.596	908474	3257.57	0.032	-0.04	-0.014	3257.55	2.626	979305.7	-9.8	10.368	-3.759	-3.192
25609320	2560	9320	26/04/2004	117	13:01:34	-29 53 22.12399	140 13 46.20579	43.463	425603.87	6693211.89	29.565	908474	3258.32	0.03	-0.04	-0.014	3258.31	1.869	979306.4	-8.901	9.124	-3.308	-3.085
25609340	2560	9340	26/04/2004	117	12:58:48	-29 53 15.71914	140 13 46.08275	41.951	425599.25	6693409.02	28.051	908474	3258.47	0.027	-0.04	-0.013	3258.45	1.722	979306.6	-8.615	8.657	-3.139	-3.098
25609360	2560	9360	26/04/2004	117	12:55:57	-29 53 09.20507	140 13 46.14932	42.496	425599.69	6693609.54	28.595	908474	3258.17	0.027	-0.04	-0.013	3258.16	2.017	979306.3	-8.769	8.824	-3.2	-3.144
25609380	2560	9380	26/04/2004	117	12:53:09	-29 53 02.73141	140 13 45.94972	44.423	425593	6693808.77	30.52	908474	3257.6	0.031	-0.04	-0.013	3257.59	2.589	979305.7	-9.201	9.418	-3.415	-3.197
25609400	2560	9400	26/04/2004	117	12:50:06	-29 52 56.10098	140 13 46.37705	41.823	425603.1	6694012.93	27.919	908474	3258.17	0.028	-0.04	-0.013	3258.16	2.022	979306.3	-8.49	8.616	-3.124	-2.998
25609420	2560	9420	26/04/2004	117	12:46:58	-29 52 49.81969	140 13 46.56094	40.551	425606.73	6694206.31	26.645	908474	3258.25	0.03	-0.04	-0.013	3258.24	1.936	979306.4	-8.268	8.223	-2.982	-3.027
25609440	2560	9440	26/04/2004	117	12:35:54	-29 52 43.13354	140 13 46.40648	39.84	425601.21	6694412.09	25.932	908474	3258.42	0.035	-0.04	-0.012	3258.4	1.774	979306.5	-7.961	8.003	-2.902	-2.86
26409230	2640	9230	26/04/2004	117	14:37:53	-29 53 51.74619	140 14 15.82548	45.346	426404.37	6692305.39	31.434	908474	3258.52	0.021	-0.037	-0.018	3258.5	1.676	979306.6	-9.35	9.701	-3.517	-3.167
26409250	2640	9250	26/04/2004	117	14:40:53	-29 53 45.29146	140 14 15.89272	41.343	426404.86	6692504.08	27.429	908474	3259.22	0.026	-0.037	-0.019	3259.21	0.971	979307.3	-8.505	8.465	-3.069	-3.11
26409270	2640	9270	26/04/2004	117	14:43:35	-29 53 38.29190	140 14 15.73467	39.285	426399.19	6692719.51	25.37	908474	3259.47	0.034	-0.037	-0.019	3259.45	0.722	979307.6	-8.105	7.829	-2.839	-3.114
26409290	2640	9290	26/04/2004	117	14:46:34	-29 53 31.96325	140 14 16.19240	43.295	426410.17	6692914.39	29.378	908474	3258.34	0.026	-0.037	-0.019	3258.32	1.857	979306.4	-9.102	9.066	-3.287	-3.324
26409310	2640	9310	26/04/2004	117	14:49:45	-29 53 25.51193	140 14 15.90894	39.784	426401.26	6693112.92	25.865	908474	3259.03	0.02	-0.037	-0.019	3259.01	1.166	979307.1	-8.272	7.982	-2.894	-3.184
26409330	2640	9330	26/04/2004	117	14:52:53	-29 53 19.05892	140 14 15.87101	38.945	426398.92	6693311.54	25.024	908474	3259.13	0.03	-0.037	-0.019	3259.11	1.067	979307.2	-8.033	7.722	-2.8	-3.11
26409350	2640	9350	26/04/2004	117	14:55:56	-29 53 12.72691	140 14 15.78811	38.008	426395.41	6693506.43	24.086	908474	3259.22	0.02	-0.037	-0.019	3259.2	0.972	979307.3	-7.8	7.433	-2.695	-3.063
26409370	2640	9370	26/04/2004	117	14:58:25	-29 53 06.33502	140 14 16.01812	35.606	426400.27	6693703.22	21.682	908474	3259.66	0.03	-0.037	-0.019	3259.64	0.54	979307.8	-7.23	6.691	-2.426	-2.965
26409390	2640	9390	26/04/2004	117	15:01:11	-29 52 59.55213	140 14 15.80106	37.798	426393.06	6693911.96	23.873	908474	3259.15	0.028	-0.036	-0.02	3259.13	1.045	979307.2	-7.588	7.367	-2.671	-2.892
26409410	2640	9410	26/04/2004	117	15:04:31	-29 52 53.22318	140 14 16.07766	35.585	426399.19	6694106.82	21.658	908474	3259.65	0.027	-0.036	-0.02	3259.63	0.549	979307.7	-6.955	6.684	-2.424	-2.694
26409430	2640	9430	26/04/2004	117	15:07:26	-29 52 46.76469	140 14 16.49804	34.503	426409.15	6694305.7	20.573	908474	3259.82	0.034	-0.036	-0.02	3259.8	0.372	979307.9	-6.638	6.349	-2.302	-2.591
26409450	2640	9450	26/04/2004	117	15:10:31	-29 52 40.21778	140 14 16.44800	38.204	426406.47	6694507.21	24.273	908474	3258.84	0.025	-0.036	-0.02	3258.82	1.36	979306.9	-7.484	7.491	-2.716	-2.709
27209240	2720	9240	26/04/2004	117	15:59:45	-29 53 48.61667	140 14 45.67656	39.998	427204.34	6692407	26.064	908474	3259.68	0.03	-0.035	-0.023	3259.66	0.518	979307.8	-8.124	8.043	-2.917	-2.997
27209260	2720	9260	26/04/2004	117	15:57:07	-29 53 42.22100	140 14 45.73849	37.149	427204.71	6692603.87	23.212	908474	3260.1	0.033	-0.035	-0.022	3260.08	0.101	979308.2	-7.569	7.163	-2.597	-3.003
27209280	2720	9280	26/04/2004	117	15:54:15	-29 53 35.40111	140 14 45.45312	40.093	427195.67	6692813.75	26.154	908474	3259.29	0.026	-0.035	-0.022	3259.27	0.906	979307.4	-8.226	8.071	-2.927	-3.081
27209300	2720	9300	26/04/2004	117	15:42:27	-29 53 29.17246	140 14 45.90269	36.345	427206.47	6693005.55	22.405	908474	3260.05	0.042	-0.035	-0.022	3260.03	0.148	979308.1	-7.333	6.914	-2.507	-2.926
27209320	2720	9320	26/04/2004	117	15:39:17	-29 53 22.44837	140 14 45.74149	37.447	427200.79	6693212.49	23.505	908474	3259.73	0.038	-0.035	-0.022	3259.7	0.473	979307.8	-7.512	7.254	-2.63	-2.889
27209340	2720	9340	26/04/2004	117	15:35:58	-29 53 15.91022	140 14 45.71301	35.518	427198.71	6693413.74	21.574	908474	3260.02	0.023	-0.035	-0.021	3260	0.178	979308.1	-7.075	6.658	-2.414	-2.832
27209360	2720	9360	26/04/2004	117	15:32:43	-29 53 09.59913	140 14 46.01546	35.333	427205.55	6693608.05	21.388	908474	3259.98	0.047	-0.035	-0.021	3259.96	0.216	979308.1	-6.977	6.6	-2.393	-2.77
27209380	2720	9380	26/04/2004	117	15:29:56	-29 53 03.12322	140 14 45.61733	36.007	427193.56	6693807.32	22.06	908474	3259.69	0.038	-0.035	-0.021	3259.67	0.511	979307.8	-7.131	6.808	-2.469	-2.792
27209400	2720	9400	26/04/2004	117	15:26:32	-29 52 56.70563	140 14 46.00816	38.275	427202.75	6694004.92	24.325	908474	3259.07	0.023	-0.036	-0.021	3259.05	1.131	979307.2	-7.612	7.507	-2.722	-2.827
27209420	2720	9420	26/04/2004	117	15:23:39	-29 52 50.23171	140 14 46.05006	34.692	427202.57	6694204.2	20.741	908474	3259.77	0.036	-0.036	-0.021	3259.75	0.428	979307.9	-6.769	6.401	-2.321	-2.689
27209440	2720	9440	26/04/2004	117	15:20:36	-29 52 43.92013	140 14 46.13328	33.189	427203.53	6694398.49	19.236	908474	3260	0.049	-0.036	-0.021	3259.98	0.199	979308.1	-6.403	5.936	-2.153	-2.619
27209460	2720	9460	26/04/2004	117	15:17:07	-29 52 37.18592	140 14 45.92788	33.445	427196.66	6694605.74	19.49	908474	3259.76	0.053	-0.036	-0.02	3259.74	0.432	979307.9	-6.49	6.015	-2.181	-2.656
28009230	2800	9230	27/04/2004	118	11:04:17	-29 53 51.77715	140 15 15.21529	38.382	427997.19	6692314.88	24.426	601307	3835.94	0.03	-0.016	0.111	3836.05	-0.501	979308.8	-7.174	7.538	-2.733	-2.369
28009250	2800	9250	27/04/2004	118	11:07:06	-29 53 45.41891	140 15 15.39472	39.755	428000.73	6692510.63	25.797	601307	3835.43	0.023	-0.017	0.113	3835.55	-0.001	979308.3	-7.536	7.961	-2.887	-2.462
28009270	2800	9270	27/04/2004	118	11:10:15	-29 53 38.88251	140 15 15.47980	39.151	428001.71	6692711.84	25.192	601307	3835.42	0.027	-0.017	0.116	3835.53	0.012	979308.3	-7.407	7.774	-2.819	-2.452
28009290	2800	9290	27/04/2004	118	11:13:11	-29 53 32.29905	140 15 15.69705	38.306	428006.22	6692914.52	24.344	601307	3835.48	0.027	-0.018	0.118	3835.6	-0.052	979308.3	-7.201	7.513	-2.724	-2.412
28009310	2800	9310	27/04/2004	118	11:16:00	-29 53 25.87111	140 15 15.12138	38.754	427989.5	6693112.28	24.791	601307	3835.28	0.018	-0.019	0.12	3835.4	0.145	979308.1	-7.258	7.651	-2.774	-2.382
28009330	2800	9330	27/04/2004	118	11:22:35	-29 53 19.10086	140 15 15.42762	40.757	427996.36	6693320.72	26.792	601307	3834.63	0.034	-0.021	0.125	3834.76	0.791	979307.5	-7.757	8.268	-2.998	-2.487
28009350	2800	9350	27/04/2004	118	11:25:41	-29 53 12.85203	140 15 16.02197	42.752	428011.05	6693513.17	28.784	601307	3834.03	0.025	-0.022	0.127	3834.16	1.39	979306.9	-8.221	8.883	-3.221	-2.559
28009370	2800	9370	27/04/2004	118	11:28:53	-29 53 06.41860	140 15 16.02752	41.446	428009.92	6693711.2	27.477	601307	3834.17	0.025	-0.023	0.13	3834.3	1.247	979307	-7.939	8.479	-3.075	-2.534
28009390	2800	9390	27/04/2004	118	11:31:56	-29 52 59.88739	140 15 15.57238	39.052	427996.41	6693912.16	25.081	601307	3834.58	0.03	-0.024	0.132	3834.71	0.833	979307.5	-7.383	7.74	-2.807	-2.45
28009410	2800	9410	27/04/2004	118	11:34:37	-29 52 53.38108	140 15 16.05112	38.288	428007.95	6694112.51	24.315	601307	3834.61	0.026	-0.025	0.134	3834.74	0.803	979307.5	-7.212	7.504	-2.721	-2.429
28009430	2800	9430	27/04/2004	118	11:37:10	-29 52 47.00376	140 15 15.78058	42.024	427999.42	6694308.76	28.049	601307	3833.51	0.022	-0.026	0.136	3833.64	1.905	979306.4	-8.176	8.656	-3.139	-2.659
28009450	2800	9450	27/04/2004	118	11:40:39	-29 52 40.49400	140 15 16.04246	38.688	428005.15	6694509.18	24.711	601307	3834.11	0.04	-0.027	0.139	3834.25	1.297	979307	-7.427	7.626	-2.765	-2.566
28009470	2800	9470	27/04/2004	118	11:43:39	-29 52 34.22292	140 15 15.93362	40.353	428000.98	6694702.19	26.374	601307	3833.48	0.022	-0.028	0.141	3833.62	1.923	979306.4	-7.917	8.139	-2.951	-2.729
28009490	2800	9490	27/04/2004	118	11:46:39	-29 52 27.37539	140 15 16.11470	39.561	428004.47	6694913	25.58	601307	3833.49	0.026	-0.028	0.143	3833.63	1.915	979306.4	-7.76	7.894	-2.862	-2.729
28009510	2800	9510	27/04/2004	118	11:49:40	-29 52 20.89068	140 15 15.92301	42.185	427998.03	6695112.57	28.202	601307	3832.71	0.021	-0.029	0.146	3832.86	2.688	979305.6	-8.393	8.703	-3.156	-2.846
28809350	2880	9350	27/04/2004	118	11:58:09	-29 53 13.03939	140 15 45.43002	43.934	428799.89	6693512.49	29.945	601307	3834.24	0.045	-0.031	0.152	3834.4	1.152	979307.1	-7.987	9.241	-3.351	-2.097
24809420	2480	9420	27/04/2004	118	9:22:53	-29 52 49.60036	140 13 16.45464	44.553	424799.11	6694207.62	30.669	908474	3257.2	0.027	0.022	0.001	3257.2	3.062	979305.2	-9.389	9.464	-3.432	-3.357
24809460	2480	9460	27/04/2004	118	9:28:40	-29 52 36.50781	140 13 16.33814	48.382	424793.25	6694610.6	34.495	908474	3255.98	0.028	0.019	0.001	3255.98	4.286	979304	-10.329	10.645	-3.86	-3.544

Pt_no	Line	Stn	Date	Day_no	Time	Lat_WGS	Long_WGS	height_WGS	East_MGA54	North_MGA54	Height_AHD	Meter	Reading	SD	ET_Corr	drift_corr	Corr_reading	base_diff	Obs_grav	Anom	freeair_corr	Boug_corr	Bouger
25609460	2560	9460	27/04/2004	118	10:33:01	-29 52 36.87089	140 13 46.35329	39.329	425598.49	6694604.85	25.419	908474	3258.41	0.039	-0.005	0.002	3258.41	1.851	979306.4	-7.902	7.844	-2.844	-2.902
25609480	2560	9480	27/04/2004	118	10:28:52	-29 52 30.24485	140 13 46.36407	40.976	425597.42	6694808.81	27.065	908474	3257.89	0.063	-0.004	0.002	3257.9	2.369	979305.9	-8.277	8.352	-3.029	-2.953
25609500	2560	9500	27/04/2004	118	10:24:57	-29 52 23.88238	140 13 46.58530	40.169	425602.04	6695004.69	26.256	908474	3257.88	0.045	-0.002	0.002	3257.89	2.378	979305.9	-8.148	8.103	-2.938	-2.983
25609520	2560	9520	27/04/2004	118	10:21:32	-29 52 17.38685	140 13 46.59398	39.576	425600.93	6695204.63	25.662	908474	3257.83	0.064	-0.001	0.002	3257.83	2.433	979305.9	-8.062	7.919	-2.872	-3.014
25609540	2560	9540	27/04/2004	118	10:12:17	-29 52 10.78997	140 13 46.55947	40.636	425598.65	6695407.68	26.719	908474	3257.43	0.067	0.003	0.002	3257.43	2.831	979305.5	-8.317	8.245	-2.99	-3.061
25609560	2560	9560	27/04/2004	118	10:08:38	-29 52 04.35442	140 13 46.62412	42.088	425599.05	6695605.78	28.17	908474	3256.94	0.055	0.004	0.002	3256.95	3.318	979305	-8.665	8.693	-3.152	-3.123
25609580	2560	9580	27/04/2004	118	10:04:45	-29 51 57.74485	140 13 46.84230	40.836	425603.55	6695809.27	26.916	908474	3257.06	0.079	0.005	0.002	3257.07	3.199	979305.1	-8.402	8.306	-3.012	-3.108
26409470	2640	9470	27/04/2004	118	10:41:33	-29 52 33.51708	140 14 16.28910	35.276	426400.84	6694713.43	21.343	908474	3259.42	0.054	-0.008	0.002	3259.42	0.841	979307.4	-6.819	6.586	-2.388	-2.621
26409490	2640	9490	27/04/2004	118	10:45:16	-29 52 27.02796	140 14 16.39053	35.465	426402.24	6694913.19	21.53	908474	3259.25	0.037	-0.009	0.002	3259.25	1.01	979307.3	-6.848	6.644	-2.409	-2.613
26409510	2640	9510	27/04/2004	118	10:49:43	-29 52 20.58769	140 14 16.39065	32.077	426400.93	6695111.43	18.141	908474	3259.87	0.034	-0.011	0.002	3259.87	0.395	979307.9	-6.093	5.598	-2.03	-2.525
26409530	2640	9530	27/04/2004	118	10:53:27	-29 52 14.17076	140 14 16.24059	31.793	426395.6	6695308.92	17.855	908474	3259.83	0.05	-0.012	0.003	3259.83	0.435	979307.9	-5.994	5.51	-1.998	-2.482
26409550	2640	9550	27/04/2004	118	11:01:31	-29 52 07.60791	140 14 16.53474	31.898	426402.15	6695510.98	17.958	908474	3259.6	0.043	-0.015	0.003	3259.61	0.658	979307.6	-6.075	5.542	-2.009	-2.543
26409570	2640	9570	27/04/2004	118	11:05:06	-29 52 01.00957	140 14 16.55597	31.714	426401.37	6695714.09	17.772	908474	3259.53	0.051	-0.016	0.003	3259.53	0.736	979307.6	-6.01	5.484	-1.989	-2.514
27209480	2720	9480	27/04/2004	118	12:18:15	-29 52 30.73057	140 14 46.08285	32.495	427199.51	6694804.47	18.538	908474	3259.91	0.048	-0.036	0.004	3259.91	0.354	979307.9	-6.272	5.721	-2.074	-2.626
27209500	2720	9500	27/04/2004	118	12:14:53	-29 52 24.01263	140 14 46.10666	32.107	427198.8	6695011.26	18.149	908474	3259.91	0.069	-0.035	0.004	3259.91	0.354	979307.9	-6.127	5.601	-2.031	-2.557
27209520	2720	9520	27/04/2004	118	12:10:56	-29 52 17.59204	140 14 46.26420	32.039	427201.73	6695208.92	18.079	908474	3259.78	0.07	-0.034	0.004	3259.79	0.478	979307.8	-6.111	5.579	-2.023	-2.555
27209540	2720	9540	27/04/2004	118	12:06:06	-29 52 11.41941	140 14 46.36513	31.811	427203.19	6695398.93	17.849	908474	3259.73	0.039	-0.033	0.004	3259.74	0.526	979307.8	-6.026	5.508	-1.997	-2.515
27209560	2720	9560	27/04/2004	118	12:02:04	-29 52 04.73874	140 14 46.27592	31.813	427199.45	6695604.55	17.849	908474	3259.73	0.065	-0.032	0.004	3259.73	0.531	979307.8	-5.886	5.508	-1.997	-2.375
27209580	2720	9580	27/04/2004	118	11:58:14	-29 51 58.08219	140 14 46.32793	32.049	427199.5	6695809.46	18.083	908474	3259.65	0.066	-0.031	0.004	3259.65	0.61	979307.7	-5.821	5.58	-2.023	-2.264
28009590	2800	9590	27/04/2004	118	12:33:07	-29 51 54.81676	140 15 16.24744	41.129	428001.53	6695915.2	27.139	908474	3257.42	0.067	-0.039	0.004	3257.43	2.837	979305.5	-7.977	8.375	-3.037	-2.639