

EJ Resources Pty Ltd

Airborne Geophysical Survey Operations Report

Cobar



**Thomson Aviation Job
F14082**



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PART 1 - SPECIFICATIONS FOR AIRBORNE GEOPHYSICAL SURVEY

1.1 SURVEY DETAILS

Start Date	01/12/2014
End Date	10/12/2014
Time Base - Magnetics	20 Hz
Time Base - Radiometrics	2 Hz
Base Mag Locations	Cobar
Ground Cals Locations	Cobar
Test Line Locations	Cobar
Block 1	F14082_Cobar West
Block 2	F14082_Stansfield
Total Processed Line Kilometers	14434.8



1.2 LOCATION MAP



Figure 1 Cobar

1.3 SURVEY SPECIFICATIONS

F14082_Cobar West	
Traverse line direction	90
Traverse line spacing	100 m
Tie line direction	180
Tie line spacing	1000 m
Block Traverse Kilometers	1,861
Block Tie Kilometers	197
Block Total Kilometers	2,058

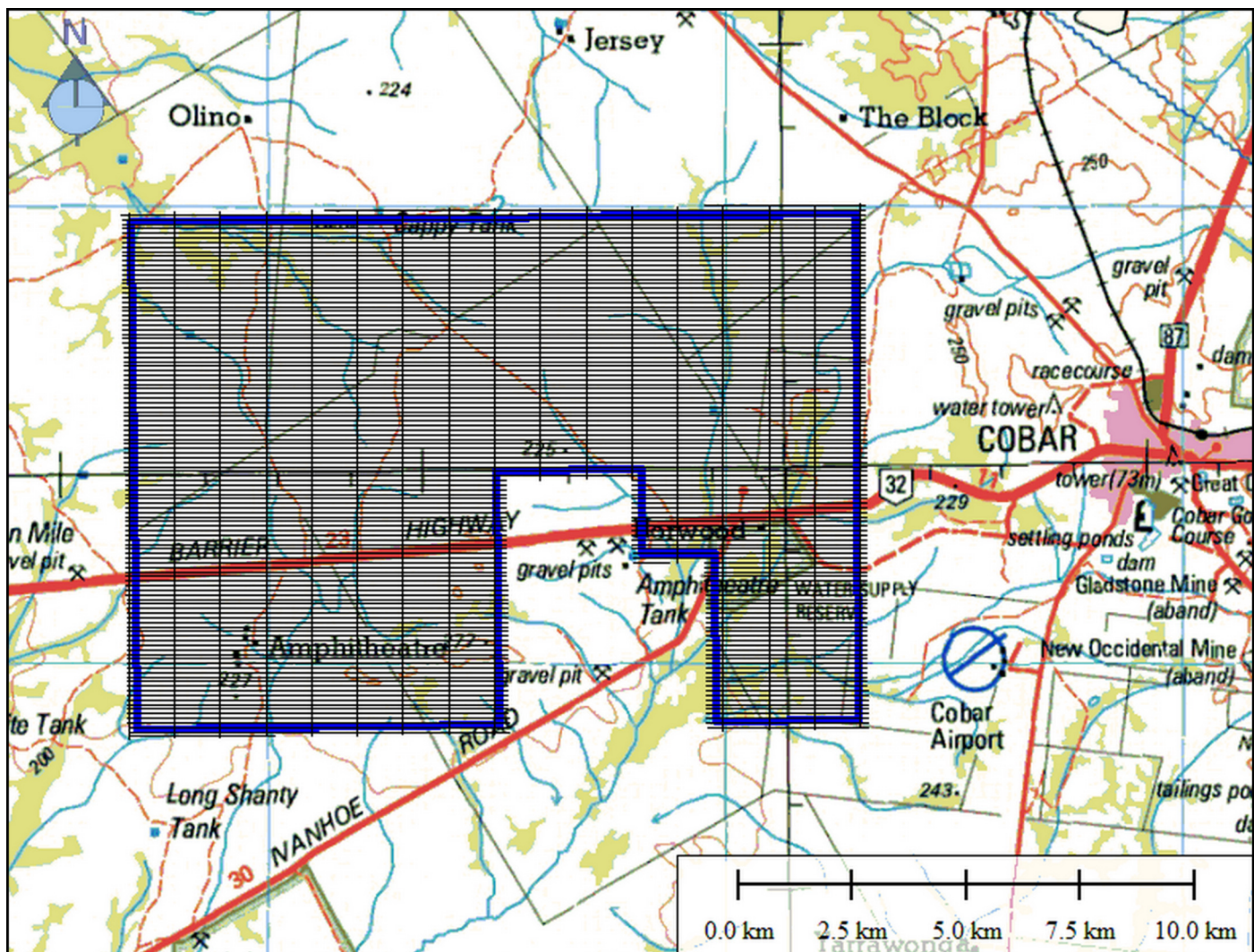


Figure 2 F14082_Cobar West

SURVEY SPECIFICATIONS (Cont)

F14082_Stansfield	
Traverse line direction	90
Traverse line spacing	50 m
Tie line direction	180
Tie line spacing	500 m
Block Traverse Kilometers	11,496
Block Tie Kilometers	1,198
Block Total Kilometers	12,694

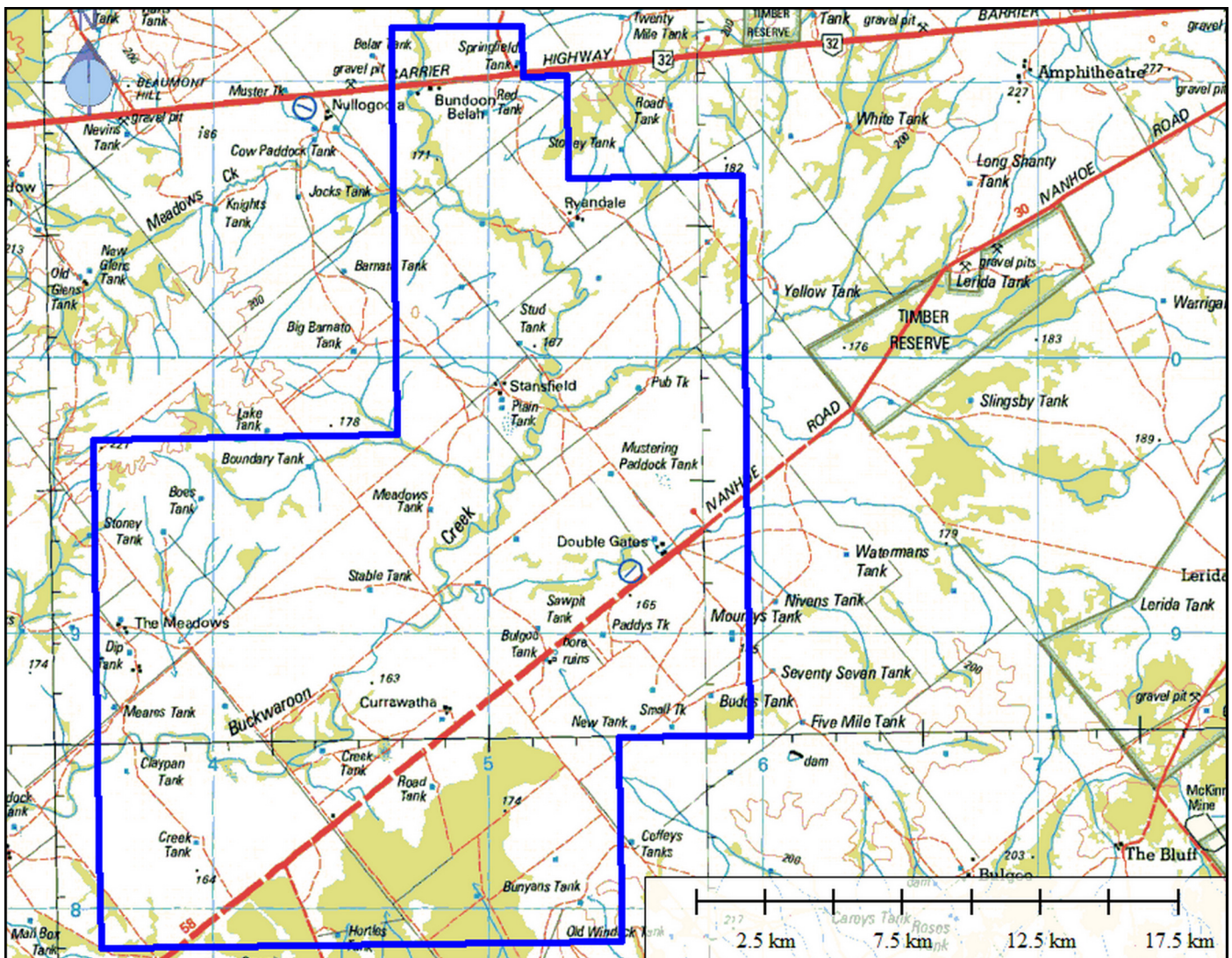


Figure 3 F14082_Stansfield



1.4 CALIBRATION RANGE

The radiometric systems for each aircraft were calibrated using the Geoscience Australia calibration range in Carnamah WA to determine the ground concentration coefficients for the radiometric systems.

Cosmic stacks were flown over water to determine the aircraft and cosmic coefficients.

Height attenuation coefficients were determined from IAEA recommended attenuation coefficients.

1.5 IN FIELD CALIBRATION

a) Spectrometer

The gamma ray spectrometer response was verified by exposing the system to thorium test samples for a time sufficient to accumulate 10,000 counts.

Frequency Before the first flight and after the last flight of each day when survey operations were conducted.

All background corrected counts fell within +/- 3% of the mean over the survey period.

Results of thorium test sample measurements can be found in Appendix B and Appendix C.

b) Test Line

Test lines are flown at the specified survey height to verify magnetometer, spectrometer and barometric altimeter baselines.

Length 10km
Direction Bi-Directional
Frequency Before the first flight and after the last flight of each day when survey operations were conducted.

The test line thorium counts fell within +/- 7% of the mean over the survey period.

Results of test line thorium counts can be found in Appendix B and Appendix C

c) Compensation Flight

The compensation flight was carried out to determine what manoeuvring effects the aircraft will have while collecting magnetic data. These effects are removed during data processing to produce true magnetic data.

Frequency Before the commencement of the survey project and after each scheduled maintenance operation.



1.6 IN FIELD VERIFICATION AND PROCESSING

Thomson Aviation conducts stringent real time data validity checks.

The following products were generated on site from the ChrisDBF database program and Thomson Aviation proprietary software:

- Flight path plots, to demonstrate quality of navigation
- Magnetic stacked profiles, to demonstrate character of magnetic data
- Statistical summary of line data
- Magnetometer base station plots
- Progressive image presentation of magnetic and topographic data
- Daily plots of aircraft parking locations to verify GPS position

1.7 NAVIGATION AND POSITIONING

Navigation was provided using a mobile Novatel OEMV-1 VBS receiver. This equipment provides flight guidance to the pilot as well as flight path information which was recorded for subsequent processing.

Differential GPS data was obtained in real time using static GPS data obtained from the Omnistar wide area GPS service.

Position relative to the survey line was displayed to the pilot by an accurate and effective system proprietary to Thomson Aviation.

Under normal circumstances differential GPS is expected to yield positional accuracies in the order of 5 meters RMS or better.



PART 2 - AIRCRAFT

The aircraft used for survey operations combine good manoeuvrability with a magnetically clean base to provide maximum magnetic sensor performance.

2.1 VH-THS

Aircraft Information	
Engine	Continental IO-550
Fuel	AVGAS
Fuel Burn	65 litres per hour
Typical Survey Speed	140 knots
Stall Speed	60 knots



Figure 4 Example Aircraft: Cessna 210

PART 3 - SURVEY INSTRUMENTATION

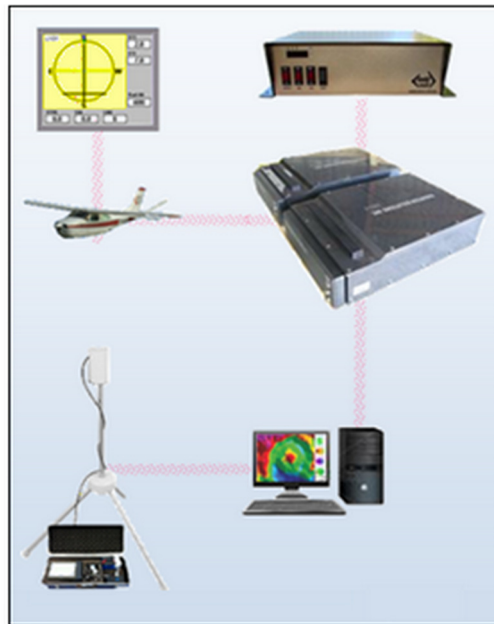


Figure 5 System Outline

3.1 MAGNETOMETER

The Geometrics G822A Magnetometer is a highly sensitive unit incorporating an optically pumped sensor. The constant harmonic frequency from the sensor is proportional to the surrounding scalar magnetic field. This frequency is resolved by the Counter / Processor which provides the magnetic field to a nominal accuracy of 0.01nT with a data capture rate of 20 times per second both in analog and digital formats.

The sensor and pre-amp are mounted in a stinger assembly which may be attached to the front or rear of the survey aircraft.



Figure 6 G822A Magnetometer and Typical Stinger Mounts

3.2 RADAR ALTIMETER

Type: King KR 495B Radar Altimeter



Figure 7 Radar Altimeter

This unit is a high resolution, short pulse ratio altitude system designed for automatic continuous operation over a wide variations of terrain and weather conditions, target reflectivity, and aircraft altitude. It provides an accurate terrain clearance indication ranging from 0 to 650m (0 to 2,000ft).

3.3 BAROMETRIC ALTIMETER

Type: Setra 276 Pressure Transducer



Figure 8 Pressure transducer

This type of pressure transducer over a range of 600 to 1100 mB and has infinite resolution (limited only by system noise). The sensor is referenced to the height given by the GPS.

3.4 DATA ACQUISITION SYSTEM

Type: GeOZ-DAS Digital Data Acquisition System



Figure 9 Zdas System

The GeOZ system manages the data acquisition and saves the data to removable Flash Cards.

It provides guidance and real time error diagnostics for the pilot.

Acquired data is transferred to a field computer on completion of the flight for both verification and archiving prior to being shipped to the processing centre.



3.5 NAVIGATION EQUIPMENT

Type: Novatel OEMV-1VBS GPS Receiver



Figure 10 GPS Receiver

This equipment is a 12 channel parallel tracking receiver capable of providing sub-meter resolution at 5Hz and is integrated with the GeOZ-DAS acquisition unit.

3.6 GAMMA RAY SPECTROMETER SYSTEM

Type: Radiations Solutions Inc. RS 400 Spectrometer

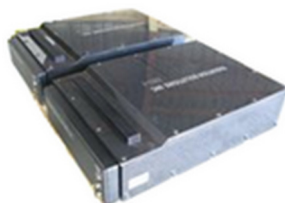


Figure 11 RS 400 Systems

These units deliver high-resolution spectral information from 0.33 MeV to 3.0 MeV including the five primary regions of interest; Total Count, Potassium, Uranium, Thorium and Cosmic.

The Gamma Ray Spectrometer is interfaced to a NaI (TI) crystal detector pack with a total volume of 33 liters (2048 cubic inches). These detector packs embody the latest techniques whereby the elimination of dead time in the counting process yields up to 30% more counts over other commercial systems.

Superior calibration facilities included the visual real time monitoring of full spectrum data and in flight monitoring of gain drift relative to the selected isotope window maintain long-term data quality.

Enhancement of the spectrometer data is achieved by noise reduction techniques (NASVD or MNF), followed by dead time correction, energy calibration, cosmic/aircraft background correction and atmospheric radon removal all applied to the 256 channel data. Spectral stripping, height correction and conversion to radio-element concentrations are then applied prior to gridding and micro-levelling.

The gamma ray spectrometer response was verified by exposing the system to thorium test samples for a time sufficient to accumulate 10,000 counts.



3.7 BASE STATION MAGNETOMETER

Two units are used in tandem for diurnal monitoring. These units run continuously during the survey periods and record the data in digital format.

Base station magnetometer instruments record data to a sensitivity of 0.1 nT every 6 seconds.

During data acquisition, if the non-linear diurnal variation was greater than 10 nT in 10 minutes, or the deviation from a straight line chord of length 10 minutes exceeded 10 nT, the line was reflowed.



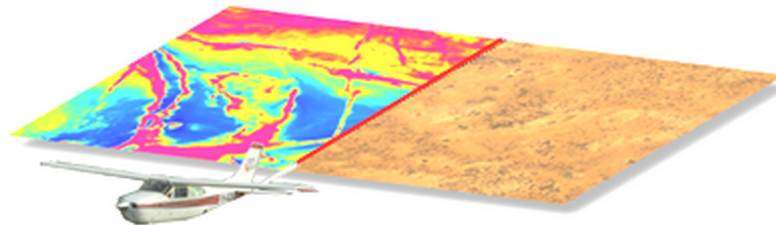
Figure 12 Setting up base station magnetometer



Figure 13 Magnetometer and Data Console

PART 4 - CONTACT INFORMATION

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PART 5 - APPENDICES

APPENDIX A

DAILY REPORTS



Daily Log								
Date	Flt Num	Block(s)	Operator(s)	Aircraft	SBY	MNT	SUS	Comments
22/11/2014		F14082_Stansfield		VH-THS				Ferry from Griffith to Cobar.
22/11/2014	1	F14082_Stansfield	W Makarainen	VH-THS				Flew comp box.
22/11/2014	2	F14082_Stansfield	W Makarainen	VH-THS				Flew travs 354-359 and 373-379. Cross track out of spec for a brief period on trav 356 and 373. Refly patches will be flown. No afternoon test line was flown due to GPS drop out.
23/11/2014	3	F14082_Stansfield	W Makarainen	VH-THS				Flew travs 322-323, 342-353 and 360-372. Data OK and accepted. No afternoon testline was flown due to rough conditions.
23/11/2014		F14082_Stansfield			0.5			Half day standby - conditions unsuitable for survey (high temperature+windy)
24/11/2014		F14082_Stansfield			1.0			Full day standby - thunderstorms, rain
25/11/2014		F14082_Stansfield				1.0		Aircraft boost pump not functioning correctly during startup for morning flight, aircraft has been flown to Griffith for maintenance
25/11/2014		F14082_Stansfield		VH-THS				Ferry to Griffith for maintenance
26/11/2014		F14082_Stansfield				1.0		Full day maintenance - aircraft returned from griffith late afternoon
26/11/2014		F14082_Stansfield		VH-THS				Ferry from Griffith to Cobar
27/11/2014	4	F14082_Stansfield	W Makarainen	VH-THS				Flew travs 300-341, 362 and refly patch 351.1 Data OK and accepted.
27/11/2014	5	F14082_Stansfield	W Makarainen	VH-THS				Flew travs 529-568. Data OK and accepted.
27/11/2014	6	F14082_Stansfield	W Makarainen	VH-THS				Flew travs 508-515, 521-528. Data OK and accepted.
27/11/2014	7	F14082_Stansfield	W Makarainen	VH-THS				Flew comp box
28/11/2014	8	F14082_Stansfield	W Makarainen	VH-THS				Flew travs 482-492, 501-507, 516-520, 569-644. Data OK and accepted.
28/11/2014	9	F14082_Stansfield	W Makarainen	VH-THS				Flew travs 246, 247, 266-299, 650-677. Data OK and accepted.
29/11/2014	10	F14082_Stansfield	W Makarainen	VH-THS				Flew travs 230-285. Data OK and accepted.
29/11/2014		F14082_Stansfield			0.5			Half day standby - strong winds/thunderstorms
30/11/2014	11	F14082_Stansfield	W Makarainen	VH-THS				Flew travs 202-229. Data OK and accepted.
30/11/2014	12	F14082_Stansfield	W Makarainen	VH-THS				Flew travs 191-220. Data OK and accepted.
30/11/2014	13	F14082_Stansfield	W Makarainen	VH-THS				Flew travs 154-190, and refly patches 254.1, 263.2, 341.1 and 649.1 Data OK and accepted.
01/12/2014	14	F14082_Stansfield	W Makarainen	VH-THS				Flew travs 86-153. Data OK and accepted.
01/12/2014	15	F14082_Stansfield	W Makarainen	VH-THS				Flew travs 7-71. Travs 22, 24-26, 41, 43-46 will be reflown, diurnal out of spec.
02/12/2014	16	F14082_Stansfield	W Makarainen	VH-THS				Flew travs 21-105. Line 100 to be reflown - diurnal out of spec
02/12/2014	17	F14082_Cobar West	W Makarainen	VH-THS				Flew travs 2-5, 98-117. Line 3 and 98 to be reflown - diurnal out of spec
03/12/2014	18	F14082_Stansfield	W Makarainen	VH-THS				Flew travs 424-481, 486-488.1, 493-500, 625-628, 637, 645-648. Data OK and accepted.
03/12/2014		F14082_Stansfield			0.5			Half day standby - strong winds/storms. No afternoon testline could be flown.



Daily Log								
Date	Flt Num	Block(s)	Operator(s)	Aircraft	SBY	MNT	SUS	Comments
04/12/2014	19	F14082_Cobar West F14082_Stansfield	W Makarainen	VH-THS				Flew Cobar West travs 6-31, Stansfield travs 1-6, ties 29-50. Data OK and accepted.
04/12/2014	20	F14082_Cobar West	W Makarainen	VH-THS				Flew travs 1, 3. 24-36, 66-107. Data OK and accepted.
05/12/2014	21	F14082_Cobar West F14082_Stansfield	W Makarainen	VH-THS				Flew Cobar West travs 37-65, 71-73, ties 1-17 and Stansfield 408-423, 436, 421. Data OK and accepted.
05/12/2014	22	F14082_Stansfield	W Makarainen	VH-THS				Flew travs 100, 381-408 and ties 1-28, 51. Data OK and accepted.
06/12/2014	23	F14082_Cobar West F14082_Stansfield	W Makarainen	VH-THS				Flew travs 4, 66 and 417. Data OK and accepted.



APPENDIX B

CALIBRATION AND TEST LINE VARIATION TABLES



Av Normalized Th: 340.2 Min TH: 334.9 Max TH: 346.1 Standard Deviation: 3.6

Ground Cals - VH-THS - Cobar																				
		Position			Hand Sample				Background				Normalized				Th Cal Results		TH Chg	Diff
Date	Flt	East	North	GPS Ht	TC	Pot	Ura	Tho	TC	Pot	Ura	Tho	TC	Pot	Ura	Tho	ThPeak	% FWHM	+/- 3%	5 max
22/11/2014	2	385891.00	6510306.20	220.1	9011.3	630.9	211.8	467.9	4105.4	482.6	94.9	127.7	4905.9	148.3	116.9	340.2	217.62	4.49	0.0	0.0
22/11/2014	2	385890.54	6510305.61	217.3	9153.9	646.5	217.1	464.5	4217.4	498.4	98.9	126.4	4936.5	148.1	118.2	338.1	217.62	4.49	-0.6	0.7
23/11/2014	3	385889.75	6510306.82	219.6	9223.9	645.6	219.5	466.5	4251.8	499.0	100.3	126.4	4972.1	146.6	119.2	340.1	217.72	4.51	0.0	1.4
23/11/2014	3	385891.04	6510306.47	219.1	9380.4	656.6	228.6	468.8	4368.3	505.2	109.7	128.0	5012.1	151.4	118.9	340.8	217.72	4.51	0.2	0.3
27/11/2014	4	385889.86	6510306.96	219.5	9285.0	658.2	223.3	468.9	4291.4	503.6	104.0	125.2	4993.6	154.6	119.3	343.7	217.48	4.52	1.0	1.4
28/11/2014	8	385889.03	6510306.69	221.6	9165.0	649.5	215.6	462.3	4157.2	489.5	97.5	124.8	5007.8	160.0	118.1	337.5	217.43	4.44	-0.8	2.0
28/11/2014	9	385888.28	6510306.47	219.6	9077.7	630.7	213.5	468.9	4069.6	483.5	93.7	123.3	5008.1	147.2	119.8	345.6	217.82	4.42	1.6	2.7
29/11/2014	10	385888.02	6510305.96	220.4	9153.2	637.8	217.9	462.3	4196.7	489.1	101.6	124.3	4956.5	148.7	116.3	338.0	217.49	4.40	-0.6	3.0
30/11/2014	11	385887.32	6510305.33	219.0	9150.3	640.5	216.4	466.4	4149.8	484.8	97.6	127.9	5000.5	155.7	118.8	338.5	217.47	4.47	-0.5	3.8
30/11/2014	13	385887.72	6510305.47	219.4	9222.1	642.0	222.4	473.6	4199.8	489.7	101.7	127.5	5022.3	152.3	120.7	346.1	217.85	4.42	1.7	3.4
01/12/2014	14	385887.45	6510304.92	220.5	9239.8	645.4	219.0	471.4	4178.4	487.5	98.2	125.5	5061.4	157.9	120.8	345.9	217.74	4.37	1.7	3.8
01/12/2014	15	385887.54	6510304.91	219.4	9203.3	642.7	216.5	471.2	4162.2	494.3	98.1	125.7	5041.1	148.4	118.4	345.5	217.78	4.41	1.6	3.7
02/12/2014	16	385887.98	6510305.69	220.2	9217.0	645.6	222.8	463.7	4229.8	494.5	100.9	128.8	4987.2	151.1	121.9	334.9	217.49	4.41	-1.6	3.1
03/12/2014	18	385887.52	6510305.42	220.3	9112.5	632.2	215.5	467.8	4156.0	483.8	97.5	129.9	4956.5	148.4	118.0	337.9	217.47	4.51	-0.7	3.6
04/12/2014	19	385887.39	6510305.09	220.9	9044.9	630.3	213.7	464.4	4155.6	486.6	98.0	127.6	4889.3	143.7	115.7	336.8	217.53	4.36	-1.0	3.8
04/12/2014	20	385886.88	6510304.79	220.4	9238.3	647.7	222.6	470.2	4232.4	491.0	105.6	126.0	5005.9	156.7	117.0	344.2	217.86	4.29	1.2	4.4
05/12/2014	21	385887.70	6510305.44	219.9	9128.5	636.0	215.5	465.5	4154.6	484.9	98.0	127.3	4973.9	151.1	117.5	338.2	217.48	4.43	-0.6	3.4
05/12/2014	22	385887.25	6510304.94	218.9	9179.1	645.8	219.2	468.0	4202.2	493.6	99.8	129.9	4976.9	152.2	119.4	338.1	217.89	4.27	-0.6	4.0
06/12/2014	23	385887.37	6510305.58	220.0	9163.6	638.3	220.1	464.2	4219.4	491.2	102.0	127.4	4944.2	147.1	118.1	336.8	217.76	4.48	-1.0	3.7
06/12/2014	23	385887.95	6510305.00	220.5	9211.8	637.9	225.3	465.3	4280.5	493.7	107.3	128.3	4931.3	144.2	118.0	337.0	217.76	4.48	-0.9	3.3



Av Normalized Th: 85.1 Min TH: 83.1 Max TH: 87.0 Standard Deviation: 1.3

Test Lines - VH-THS - Cobar															
		801					802				Normalized				TH Chg
Date	Flt	TC	Pot	Ura	Tho	Flt	TC	Pot	Ura	Tho	TC	Pot	Ura	Tho	+/- 7%
22/11/2014	2	2448.5	243.5	61.3	84.4										
23/11/2014	3	2415.7	234.5	63.6	84.0										
27/11/2014	4	2396.7	232.3	63.4	83.7	6	2317.8	232.9	57.4	86.6	78.9	-0.6	6.0	85.1	0.0
28/11/2014	8	2351.6	231.6	58.5	85.8	9	2330.3	230.6	59.4	85.0	21.3	1.0	-0.9	85.4	0.4
29/11/2014	10	2484.8	239.2	67.2	85.8										
30/11/2014	11	2416.1	235.2	62.0	87.0	13	2459.4	237.7	67.8	86.9	-43.3	-2.5	-5.8	87.0	2.3
01/12/2014	14	2365.4	230.6	60.9	84.3	15	2374.1	235.2	60.3	87.2	-8.7	-4.6	0.6	85.8	0.9
02/12/2014	16	2385.1	227.8	63.7	83.8										
03/12/2014	18	2388.2	232.8	61.8	85.8										
04/12/2014	19	2293.6	224.4	60.0	83.7	20	2334.4	225.4	62.6	82.5	-40.8	-1.0	-2.6	83.1	-2.3
05/12/2014	21	2369.3	227.2	62.8	84.7	22	2358.6	228.8	62.3	85.4	10.7	-1.6	0.5	85.1	0.0
06/12/2014	23	2393.5	229.4	63.5	85.6	23	2334.4	225.4	62.6	82.5	59.1	4.0	0.9	84.0	-1.3



APPENDIX C

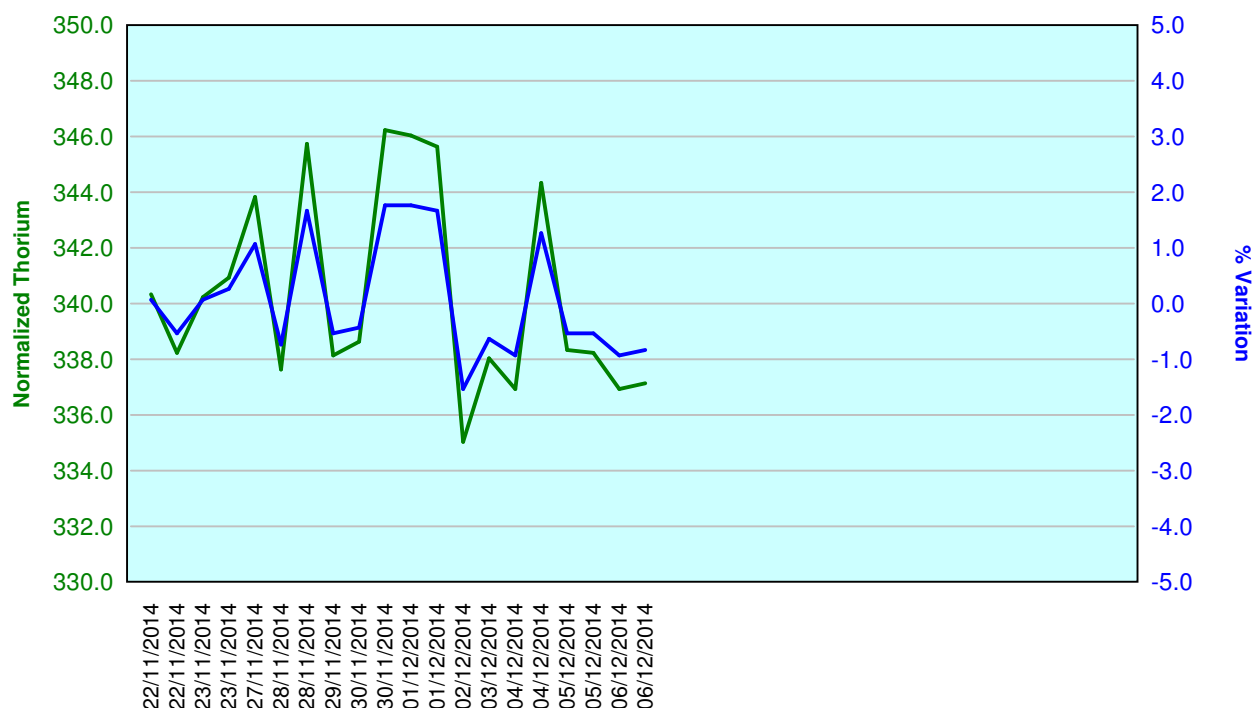
CALIBRATION AND TEST LINE VARIATION CHARTS



Sample Variations

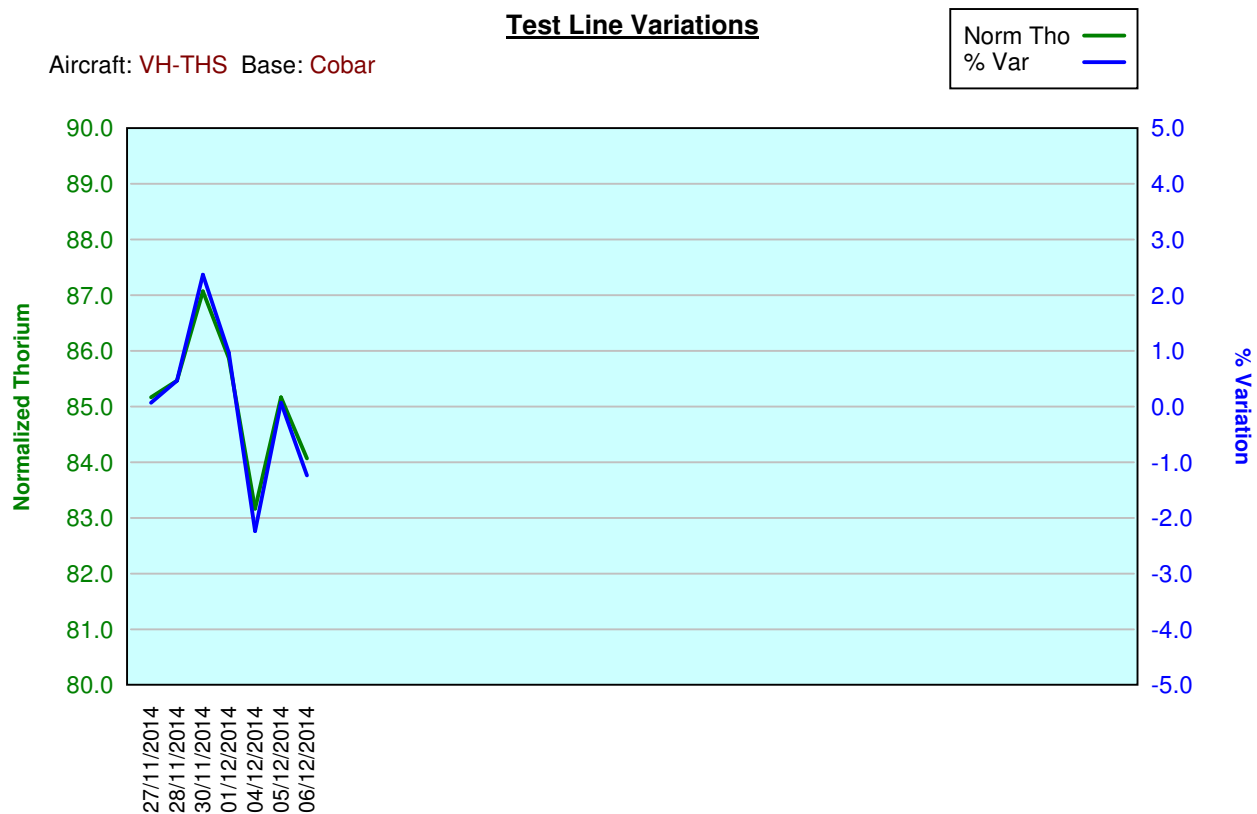
Aircraft: **VH-THS** Base: **Cobar**

Norm Tho —
% Var —



Test Line Variations

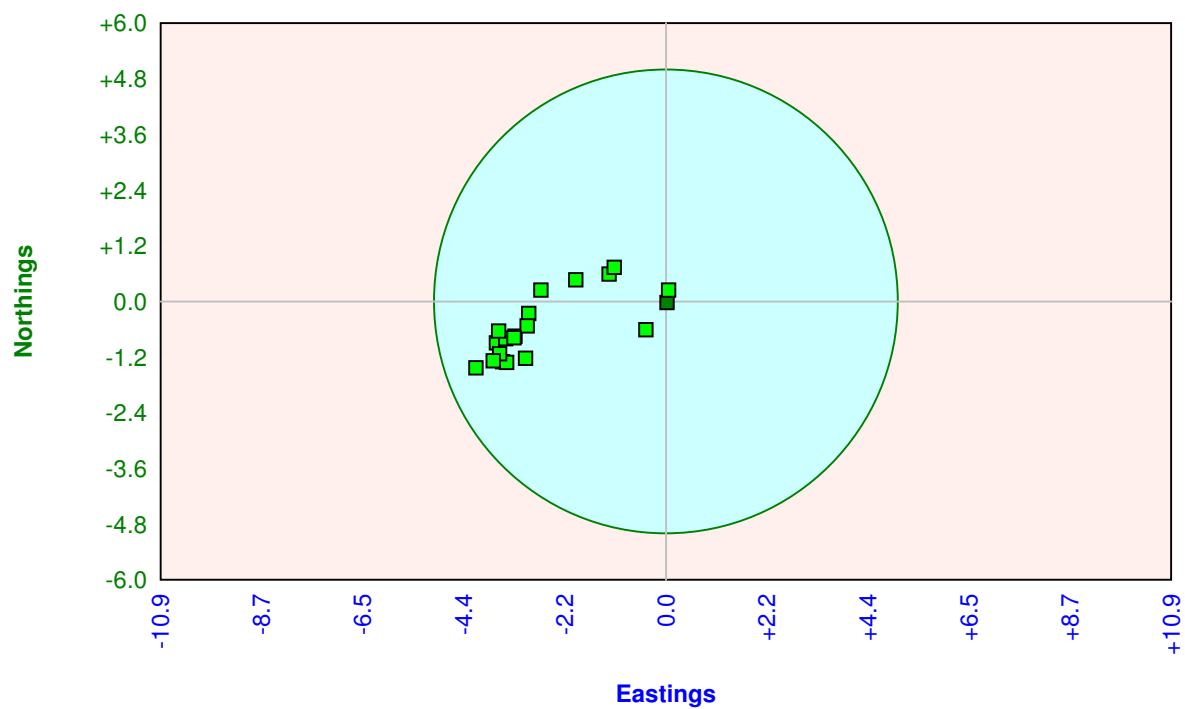
Aircraft: VH-THS Base: Cobar



Hand Sample Calibration Positions

Aircraft: VH-THS Base: Cobar

Normal
Error (>5)



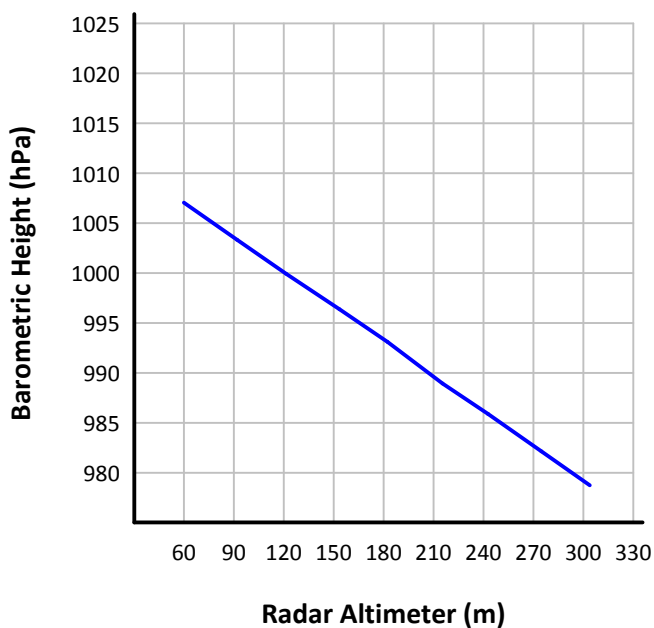
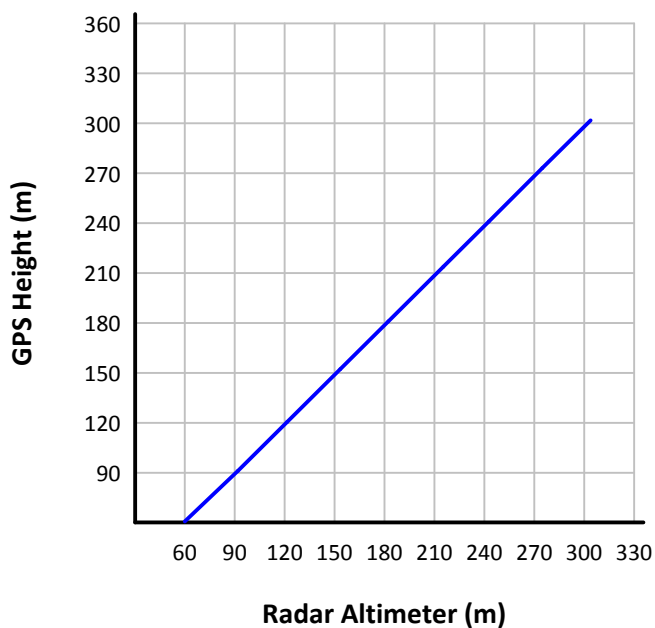
APPENDIX D

RADAR ALTIMETER AND BAROMETRIC ALTIMETER CHECKS



VH-THS

Radar Altimeter (m)	Barometric Height (hPa)	GPS Height (m)
59.97	1007.06	60.63
91.81	1003.35	91.07
121.25	999.92	120.34
153.42	996.38	152.20
182.39	993.11	181.01
215.43	988.95	213.94
242.73	985.88	240.89
274.88	982.13	273.03
303.85	978.73	301.80



Calibration flights for VH-THS were flown on 19/12/2013



APPENDIX E

BOUNDARY COORDINATES



F14082_Cobar West, Datum: GDA 94, Zone: 55

Eastings	Northings
374892.10	6519774.92
378059.63	6519812.42
378059.63	6519812.42
379643.39	6519830.81
382810.90	6519866.87
382876.77	6508809.67
379771.45	6508746.20
379728.73	6512441.09
378146.09	6512422.67
378124.46	6514270.12
374958.61	6514232.58
375025.22	6508690.20
367114.72	6508592.06
366973.17	6519676.95



F14082_Stansfield, Datum: GDA 94, Zone: 55

Eastings	Northings
346519.55	6510156.25
346492.28	6512003.82
349657.76	6512050.04
351240.49	6512072.79
351266.91	6510225.24
352849.36	6510247.76
352901.67	6506552.65
356065.42	6506596.99
356065.42	6506596.99
359229.14	6506640.36
359354.51	6497402.65
359354.51	6497402.65
359429.88	6491859.97
359429.88	6491859.97
359455.03	6490012.40
359505.35	6486317.25
357926.60	6486295.62
354769.08	6486251.63
354821.15	6482556.42
354847.21	6480708.81
354847.21	6480708.81
354873.28	6478861.19
335941.27	6478576.58
335911.80	6480424.28
335911.80	6480424.28
335882.34	6482271.98
335647.18	6497053.36
346710.77	6497223.12



APPENDIX F

LINE SPECIFICATIONS



F14082_Cobar West

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv	Cumul	Ti	Cumul
100010	Trav	366916.77	6508429.36	371062.47	6508429.36	90.0	4.1		4.1		0.0
100020	Trav	366915.49	6508529.36	376021.15	6508529.36	90.0	9.1		13.3		0.0
100030	Trav	366914.22	6508629.36	383077.85	6508629.36	90.0	16.2		29.4		0.0
100040	Trav	366912.94	6508729.36	383077.25	6508729.36	90.0	16.2		45.6		0.0
100050	Trav	366911.66	6508829.36	383076.66	6508829.36	90.0	16.2		61.7		0.0
100060	Trav	366910.39	6508929.36	383076.06	6508929.36	90.0	16.2		77.9		0.0
100070	Trav	366909.11	6509029.36	383075.46	6509029.36	90.0	16.2		94.1		0.0
100080	Trav	366907.83	6509129.36	383074.87	6509129.36	90.0	16.2		110.2		0.0
100090	Trav	366906.56	6509229.36	383074.27	6509229.36	90.0	16.2		126.4		0.0
100100	Trav	366905.28	6509329.36	383073.68	6509329.36	90.0	16.2		142.6		0.0
100110	Trav	366904.00	6509429.36	383073.08	6509429.36	90.0	16.2		158.7		0.0
100120	Trav	366902.72	6509529.36	383072.49	6509529.36	90.0	16.2		174.9		0.0
100130	Trav	366901.45	6509629.36	383071.89	6509629.36	90.0	16.2		191.1		0.0
100140	Trav	366900.17	6509729.36	383071.29	6509729.36	90.0	16.2		207.3		0.0
100150	Trav	366898.89	6509829.36	383070.70	6509829.36	90.0	16.2		223.4		0.0
100160	Trav	366897.62	6509929.36	383070.10	6509929.36	90.0	16.2		239.6		0.0
100170	Trav	366896.34	6510029.36	383069.51	6510029.36	90.0	16.2		255.8		0.0
100180	Trav	366895.06	6510129.36	383068.91	6510129.36	90.0	16.2		272.0		0.0
100190	Trav	366893.78	6510229.36	383068.32	6510229.36	90.0	16.2		288.1		0.0
100200	Trav	366892.51	6510329.36	383067.72	6510329.36	90.0	16.2		304.3		0.0
100210	Trav	366891.23	6510429.36	383067.12	6510429.36	90.0	16.2		320.5		0.0
100220	Trav	366889.95	6510529.36	383066.53	6510529.36	90.0	16.2		336.7		0.0
100230	Trav	366888.68	6510629.36	383065.93	6510629.36	90.0	16.2		352.8		0.0
100240	Trav	366887.40	6510729.36	383065.34	6510729.36	90.0	16.2		369.0		0.0
100250	Trav	366886.12	6510829.36	383064.74	6510829.36	90.0	16.2		385.2		0.0
100260	Trav	366884.85	6510929.36	383064.15	6510929.36	90.0	16.2		401.4		0.0
100270	Trav	366883.57	6511029.36	383063.55	6511029.36	90.0	16.2		417.5		0.0
100280	Trav	366882.29	6511129.36	383062.95	6511129.36	90.0	16.2		433.7		0.0
100290	Trav	366881.01	6511229.36	383062.36	6511229.36	90.0	16.2		449.9		0.0
100300	Trav	366879.74	6511329.36	383061.76	6511329.36	90.0	16.2		466.1		0.0
100310	Trav	366878.46	6511429.36	383061.17	6511429.36	90.0	16.2		482.3		0.0
100320	Trav	366877.18	6511529.36	383060.57	6511529.36	90.0	16.2		498.5		0.0
100330	Trav	366875.91	6511629.36	383059.98	6511629.36	90.0	16.2		514.6		0.0
100340	Trav	366874.63	6511729.36	383059.38	6511729.36	90.0	16.2		530.8		0.0
100350	Trav	366873.35	6511829.36	383058.78	6511829.36	90.0	16.2		547.0		0.0
100360	Trav	366872.07	6511929.36	383058.19	6511929.36	90.0	16.2		563.2		0.0
100370	Trav	366870.80	6512029.36	383057.59	6512029.36	90.0	16.2		579.4		0.0
100380	Trav	366869.52	6512129.36	383057.00	6512129.36	90.0	16.2		595.6		0.0
100390	Trav	366868.24	6512229.36	383056.40	6512229.36	90.0	16.2		611.8		0.0
100400	Trav	366866.97	6512329.36	383055.81	6512329.36	90.0	16.2		627.9		0.0
100410	Trav	366865.69	6512429.36	383055.21	6512429.36	90.0	16.2		644.1		0.0
100420	Trav	366864.41	6512529.36	383054.61	6512529.36	90.0	16.2		660.3		0.0
100430	Trav	366863.13	6512629.36	383054.02	6512629.36	90.0	16.2		676.5		0.0
100440	Trav	366861.86	6512729.36	383053.42	6512729.36	90.0	16.2		692.7		0.0
100450	Trav	366860.58	6512829.36	383052.83	6512829.36	90.0	16.2		708.9		0.0
100460	Trav	366859.30	6512929.36	383052.23	6512929.36	90.0	16.2		725.1		0.0
100470	Trav	366858.03	6513029.36	383051.64	6513029.36	90.0	16.2		741.3		0.0
100480	Trav	366856.75	6513129.36	383051.04	6513129.36	90.0	16.2		757.5		0.0
100490	Trav	366855.47	6513229.36	383050.44	6513229.36	90.0	16.2		773.7		0.0
100500	Trav	366854.20	6513329.36	383049.85	6513329.36	90.0	16.2		789.9		0.0
100510	Trav	366852.92	6513429.36	383049.25	6513429.36	90.0	16.2		806.1		0.0
100520	Trav	366851.64	6513529.36	383048.66	6513529.36	90.0	16.2		822.3		0.0
100530	Trav	366850.36	6513629.36	383048.06	6513629.36	90.0	16.2		838.5		0.0
100540	Trav	366849.09	6513729.36	383047.47	6513729.36	90.0	16.2		854.7		0.0
100550	Trav	366847.81	6513829.36	383046.87	6513829.36	90.0	16.2		870.9		0.0
100560	Trav	366846.53	6513929.36	383046.27	6513929.36	90.0	16.2		887.1		0.0
100570	Trav	366845.26	6514029.36	383045.68	6514029.36	90.0	16.2		903.3		0.0
100580	Trav	366843.98	6514129.36	383045.08	6514129.36	90.0	16.2		919.5		0.0
100590	Trav	366842.70	6514229.36	383044.49	6514229.36	90.0	16.2		935.7		0.0
100600	Trav	366841.42	6514329.36	383043.89	6514329.36	90.0	16.2		951.9		0.0
100610	Trav	366840.15	6514429.36	383043.30	6514429.36	90.0	16.2		968.1		0.0
100620	Trav	366838.87	6514529.36	383042.70	6514529.36	90.0	16.2		984.3		0.0
100630	Trav	366837.59	6514629.36	383042.10	6514629.36	90.0	16.2		1000.5		0.0
100640	Trav	366836.32	6514729.36	383041.51	6514729.36	90.0	16.2		1016.7		0.0
100650	Trav	366835.04	6514829.36	383040.91	6514829.36	90.0	16.2		1032.9		0.0



F14082_Cobar West (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
100660	Trav	366833.76	6514929.36	383040.32	6514929.36	90.0	16.2	1049.1	0.0
100670	Trav	366832.49	6515029.36	383039.72	6515029.36	90.0	16.2	1065.3	0.0
100680	Trav	366831.21	6515129.36	383039.13	6515129.36	90.0	16.2	1081.5	0.0
100690	Trav	366829.93	6515229.36	383038.53	6515229.36	90.0	16.2	1097.7	0.0
100700	Trav	366828.65	6515329.36	383037.93	6515329.36	90.0	16.2	1113.9	0.0
100710	Trav	366827.38	6515429.36	383037.34	6515429.36	90.0	16.2	1130.1	0.0
100720	Trav	366826.10	6515529.36	383036.74	6515529.36	90.0	16.2	1146.4	0.0
100730	Trav	366824.82	6515629.36	383036.15	6515629.36	90.0	16.2	1162.6	0.0
100740	Trav	366823.55	6515729.36	383035.55	6515729.36	90.0	16.2	1178.8	0.0
100750	Trav	366822.27	6515829.36	383034.96	6515829.36	90.0	16.2	1195.0	0.0
100760	Trav	366820.99	6515929.36	383034.36	6515929.36	90.0	16.2	1211.2	0.0
100770	Trav	366819.71	6516029.36	383033.77	6516029.36	90.0	16.2	1227.4	0.0
100780	Trav	366818.44	6516129.36	383033.17	6516129.36	90.0	16.2	1243.6	0.0
100790	Trav	366817.16	6516229.36	383032.57	6516229.36	90.0	16.2	1259.8	0.0
100800	Trav	366815.88	6516329.36	383031.98	6516329.36	90.0	16.2	1276.1	0.0
100810	Trav	366814.61	6516429.36	383031.38	6516429.36	90.0	16.2	1292.3	0.0
100820	Trav	366813.33	6516529.36	383030.79	6516529.36	90.0	16.2	1308.5	0.0
100830	Trav	366812.05	6516629.36	383030.19	6516629.36	90.0	16.2	1324.7	0.0
100840	Trav	366810.78	6516729.36	383029.60	6516729.36	90.0	16.2	1340.9	0.0
100850	Trav	366809.50	6516829.36	383029.00	6516829.36	90.0	16.2	1357.2	0.0
100860	Trav	366808.22	6516929.36	383028.40	6516929.36	90.0	16.2	1373.4	0.0
100870	Trav	366806.94	6517029.36	383027.81	6517029.36	90.0	16.2	1389.6	0.0
100880	Trav	366805.67	6517129.36	383027.21	6517129.36	90.0	16.2	1405.8	0.0
100890	Trav	366804.39	6517229.36	383026.62	6517229.36	90.0	16.2	1422.0	0.0
100900	Trav	366803.11	6517329.36	383026.02	6517329.36	90.0	16.2	1438.3	0.0
100910	Trav	366801.84	6517429.36	383025.43	6517429.36	90.0	16.2	1454.5	0.0
100920	Trav	366800.56	6517529.36	383024.83	6517529.36	90.0	16.2	1470.7	0.0
100930	Trav	366799.28	6517629.36	383024.23	6517629.36	90.0	16.2	1486.9	0.0
100940	Trav	366798.00	6517729.36	383023.64	6517729.36	90.0	16.2	1503.2	0.0
100950	Trav	366796.73	6517829.36	383023.04	6517829.36	90.0	16.2	1519.4	0.0
100960	Trav	366795.45	6517929.36	383022.45	6517929.36	90.0	16.2	1535.6	0.0
100970	Trav	366794.17	6518029.36	383021.85	6518029.36	90.0	16.2	1551.8	0.0
100980	Trav	366792.90	6518129.36	383021.26	6518129.36	90.0	16.2	1568.1	0.0
100990	Trav	366791.62	6518229.36	383020.66	6518229.36	90.0	16.2	1584.3	0.0
101000	Trav	366790.34	6518329.36	383020.06	6518329.36	90.0	16.2	1600.5	0.0
101010	Trav	366789.06	6518429.36	383019.47	6518429.36	90.0	16.2	1616.8	0.0
101020	Trav	366787.79	6518529.36	383018.87	6518529.36	90.0	16.2	1633.0	0.0
101030	Trav	366786.51	6518629.36	383018.28	6518629.36	90.0	16.2	1649.2	0.0
101040	Trav	366785.23	6518729.36	383017.68	6518729.36	90.0	16.2	1665.5	0.0
101050	Trav	366783.96	6518829.36	383017.09	6518829.36	90.0	16.2	1681.7	0.0
101060	Trav	366782.68	6518929.36	383016.49	6518929.36	90.0	16.2	1697.9	0.0
101070	Trav	366781.40	6519029.36	383015.89	6519029.36	90.0	16.2	1714.2	0.0
101080	Trav	366780.13	6519129.36	383015.30	6519129.36	90.0	16.2	1730.4	0.0
101090	Trav	366778.85	6519229.36	383014.70	6519229.36	90.0	16.2	1746.6	0.0
101100	Trav	366777.57	6519329.36	383014.11	6519329.36	90.0	16.2	1762.9	0.0
101110	Trav	366776.29	6519429.36	383013.51	6519429.36	90.0	16.2	1779.1	0.0
101120	Trav	366775.02	6519529.36	383012.92	6519529.36	90.0	16.2	1795.3	0.0
101130	Trav	366773.74	6519629.36	383012.32	6519629.36	90.0	16.2	1811.6	0.0
101140	Trav	366772.46	6519729.36	383011.72	6519729.36	90.0	16.2	1827.8	0.0
101150	Trav	366771.19	6519829.36	383011.13	6519829.36	90.0	16.2	1844.1	0.0
101160	Trav	371801.77	6519929.36	383010.53	6519929.36	90.0	11.2	1855.3	0.0
101170	Trav	377799.01	6520029.36	383009.94	6520029.36	90.0	5.2	1860.5	0.0
190010	Tie	382891.55	6520111.08	382924.46	6508542.03	179.8	11.6	1860.5	11.6
190020	Tie	381924.27	6520111.08	381924.27	6508542.03	180.0	11.6	1860.5	23.1
190030	Tie	380924.27	6520111.08	380924.27	6508542.03	180.0	11.6	1860.5	34.7
190040	Tie	379924.27	6520111.08	379924.27	6508542.03	180.0	11.6	1860.5	46.3
190050	Tie	378924.27	6520111.08	378924.27	6508542.03	180.0	11.6	1860.5	57.8
190060	Tie	377924.27	6520111.08	377924.27	6508542.03	180.0	11.6	1860.5	69.4
190070	Tie	376924.27	6520012.27	376924.27	6508542.03	180.0	11.5	1860.5	80.9
190080	Tie	375924.27	6520012.27	375924.27	6508453.05	180.0	11.6	1860.5	92.4
190090	Tie	374924.27	6520012.27	374924.27	6508453.05	180.0	11.6	1860.5	104.0
190100	Tie	373924.27	6520012.27	373924.27	6508453.05	180.0	11.6	1860.5	115.6
190110	Tie	372924.27	6520012.27	372924.27	6508453.05	180.0	11.6	1860.5	127.1
190120	Tie	371924.27	6520012.27	371924.27	6508453.05	180.0	11.6	1860.5	138.7
190130	Tie	370924.27	6519913.56	370924.27	6508353.95	180.0	11.6	1860.5	150.2



F14082_Cobar West (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv	Cumul	Ti	Cumul
190140	Tie	369924.27	6519911.14	369924.27	6508353.95	180.0	11.6	1860.5		161.8	
190150	Tie	368924.27	6519908.72	368924.27	6508353.95	180.0	11.6	1860.5		173.4	
190160	Tie	367924.27	6519906.31	367924.27	6508353.95	180.0	11.6	1860.5		184.9	
190170	Tie	366923.98	6519903.89	367046.28	6508353.95	179.4	11.6	1860.5		196.5	



F14082_Stansfield

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv	Cumul	Ti	Cumul
200010	Trav	335743.65	6478424.61	339038.34	6478424.61	90.0	3.3		3.3		0.0
200020	Trav	335742.85	6478474.61	342526.75	6478474.61	90.0	6.8		10.1		0.0
200030	Trav	335742.06	6478524.61	345539.29	6478524.61	90.0	9.8		19.9		0.0
200040	Trav	335741.26	6478574.61	349048.75	6478574.61	90.0	13.3		33.2		0.0
200050	Trav	335740.46	6478624.61	352531.93	6478624.61	90.0	16.8		50.0		0.0
200060	Trav	335739.67	6478674.61	355075.93	6478674.61	90.0	19.3		69.3		0.0
200070	Trav	335738.87	6478724.61	355075.23	6478724.61	90.0	19.3		88.6		0.0
200080	Trav	335738.08	6478774.61	355074.52	6478774.61	90.0	19.3		108.0		0.0
200090	Trav	335737.28	6478824.61	355073.82	6478824.61	90.0	19.3		127.3		0.0
200100	Trav	335736.49	6478874.61	355073.11	6478874.61	90.0	19.3		146.7		0.0
200110	Trav	335735.69	6478924.61	355072.41	6478924.61	90.0	19.3		166.0		0.0
200120	Trav	335734.89	6478974.61	355071.70	6478974.61	90.0	19.3		185.3		0.0
200130	Trav	335734.10	6479024.61	355071.00	6479024.61	90.0	19.3		204.7		0.0
200140	Trav	335733.30	6479074.61	355070.29	6479074.61	90.0	19.3		224.0		0.0
200150	Trav	335732.51	6479124.61	355069.59	6479124.61	90.0	19.3		243.3		0.0
200160	Trav	335731.71	6479174.61	355068.88	6479174.61	90.0	19.3		262.7		0.0
200170	Trav	335730.91	6479224.61	355068.18	6479224.61	90.0	19.3		282.0		0.0
200180	Trav	335730.12	6479274.61	355067.47	6479274.61	90.0	19.3		301.4		0.0
200190	Trav	335729.32	6479324.61	355066.77	6479324.61	90.0	19.3		320.7		0.0
200200	Trav	335728.53	6479374.61	355066.06	6479374.61	90.0	19.3		340.0		0.0
200210	Trav	335727.73	6479424.61	355065.36	6479424.61	90.0	19.3		359.4		0.0
200220	Trav	335726.94	6479474.61	355064.65	6479474.61	90.0	19.3		378.7		0.0
200230	Trav	335726.14	6479524.61	355063.95	6479524.61	90.0	19.3		398.0		0.0
200240	Trav	335725.34	6479574.61	355063.24	6479574.61	90.0	19.3		417.4		0.0
200250	Trav	335724.55	6479624.61	355062.54	6479624.61	90.0	19.3		436.7		0.0
200260	Trav	335723.75	6479674.61	355061.83	6479674.61	90.0	19.3		456.1		0.0
200270	Trav	335722.96	6479724.61	355061.13	6479724.61	90.0	19.3		475.4		0.0
200280	Trav	335722.16	6479774.61	355060.42	6479774.61	90.0	19.3		494.7		0.0
200290	Trav	335721.36	6479824.61	355059.72	6479824.61	90.0	19.3		514.1		0.0
200300	Trav	335720.57	6479874.61	355059.01	6479874.61	90.0	19.3		533.4		0.0
200310	Trav	335719.77	6479924.61	355058.31	6479924.61	90.0	19.3		552.7		0.0
200320	Trav	335718.98	6479974.61	355057.60	6479974.61	90.0	19.3		572.1		0.0
200330	Trav	335718.18	6480024.61	355056.90	6480024.61	90.0	19.3		591.4		0.0
200340	Trav	335717.39	6480074.61	355056.19	6480074.61	90.0	19.3		610.8		0.0
200350	Trav	335716.59	6480124.61	355055.49	6480124.61	90.0	19.3		630.1		0.0
200360	Trav	335715.79	6480174.61	355054.78	6480174.61	90.0	19.3		649.4		0.0
200370	Trav	335715.00	6480224.61	355054.08	6480224.61	90.0	19.3		668.8		0.0
200380	Trav	335714.20	6480274.61	355053.37	6480274.61	90.0	19.3		688.1		0.0
200390	Trav	335713.41	6480324.61	355052.67	6480324.61	90.0	19.3		707.5		0.0
200400	Trav	335712.61	6480374.61	355051.96	6480374.61	90.0	19.3		726.8		0.0
200410	Trav	335711.81	6480424.61	355051.26	6480424.61	90.0	19.3		746.1		0.0
200420	Trav	335711.02	6480474.61	355050.55	6480474.61	90.0	19.3		765.5		0.0
200430	Trav	335710.22	6480524.61	355049.85	6480524.61	90.0	19.3		784.8		0.0
200440	Trav	335709.43	6480574.61	355049.14	6480574.61	90.0	19.3		804.2		0.0
200450	Trav	335708.63	6480624.61	355048.44	6480624.61	90.0	19.3		823.5		0.0
200460	Trav	335707.84	6480674.61	355047.73	6480674.61	90.0	19.3		842.8		0.0
200470	Trav	335707.04	6480724.61	355047.03	6480724.61	90.0	19.3		862.2		0.0
200480	Trav	335706.24	6480774.61	355046.32	6480774.61	90.0	19.3		881.5		0.0
200490	Trav	335705.45	6480824.61	355045.62	6480824.61	90.0	19.3		900.9		0.0
200500	Trav	335704.65	6480874.61	355044.91	6480874.61	90.0	19.3		920.2		0.0
200510	Trav	335703.86	6480924.61	355044.21	6480924.61	90.0	19.3		939.5		0.0
200520	Trav	335703.06	6480974.61	355043.50	6480974.61	90.0	19.3		958.9		0.0
200530	Trav	335702.27	6481024.61	355042.80	6481024.61	90.0	19.3		978.2		0.0
200540	Trav	335701.47	6481074.61	355042.09	6481074.61	90.0	19.3		997.6		0.0
200550	Trav	335700.67	6481124.61	355041.39	6481124.61	90.0	19.3		1016.9		0.0
200560	Trav	335699.88	6481174.61	355040.68	6481174.61	90.0	19.3		1036.2		0.0
200570	Trav	335699.08	6481224.61	355039.98	6481224.61	90.0	19.3		1055.6		0.0
200580	Trav	335698.29	6481274.61	355039.27	6481274.61	90.0	19.3		1074.9		0.0
200590	Trav	335697.49	6481324.61	355038.57	6481324.61	90.0	19.3		1094.3		0.0
200600	Trav	335696.69	6481374.61	355037.86	6481374.61	90.0	19.3		1113.6		0.0
200610	Trav	335695.90	6481424.61	355037.16	6481424.61	90.0	19.3		1132.9		0.0
200620	Trav	335695.10	6481474.61	355036.45	6481474.61	90.0	19.3		1152.3		0.0
200630	Trav	335694.31	6481524.61	355035.75	6481524.61	90.0	19.3		1171.6		0.0
200640	Trav	335693.51	6481574.61	355035.04	6481574.61	90.0	19.3		1191.0		0.0
200650	Trav	335692.72	6481624.61	355034.34	6481624.61	90.0	19.3		1210.3		0.0



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Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
200660	Trav	335691.92	6481674.61	355033.63	6481674.61	90.0	19.3	1229.7	0.0
200670	Trav	335691.12	6481724.61	355032.93	6481724.61	90.0	19.3	1249.0	0.0
200680	Trav	335690.33	6481774.61	355032.22	6481774.61	90.0	19.3	1268.3	0.0
200690	Trav	335689.53	6481824.61	355031.52	6481824.61	90.0	19.3	1287.7	0.0
200700	Trav	335688.74	6481874.61	355030.81	6481874.61	90.0	19.3	1307.0	0.0
200710	Trav	335687.94	6481924.61	355030.11	6481924.61	90.0	19.3	1326.4	0.0
200720	Trav	335687.14	6481974.61	355029.40	6481974.61	90.0	19.3	1345.7	0.0
200730	Trav	335686.35	6482024.61	355028.70	6482024.61	90.0	19.3	1365.0	0.0
200740	Trav	335685.55	6482074.61	355027.99	6482074.61	90.0	19.3	1384.4	0.0
200750	Trav	335684.76	6482124.61	355027.29	6482124.61	90.0	19.3	1403.7	0.0
200760	Trav	335683.96	6482174.61	355026.58	6482174.61	90.0	19.3	1423.1	0.0
200770	Trav	335683.17	6482224.61	355025.88	6482224.61	90.0	19.3	1442.4	0.0
200780	Trav	335682.37	6482274.61	355025.17	6482274.61	90.0	19.3	1461.8	0.0
200790	Trav	335681.57	6482324.61	355024.47	6482324.61	90.0	19.3	1481.1	0.0
200800	Trav	335680.78	6482374.61	355023.76	6482374.61	90.0	19.3	1500.4	0.0
200810	Trav	335679.98	6482424.61	355023.06	6482424.61	90.0	19.3	1519.8	0.0
200820	Trav	335679.19	6482474.61	355022.35	6482474.61	90.0	19.3	1539.1	0.0
200830	Trav	335678.39	6482524.61	355021.65	6482524.61	90.0	19.3	1558.5	0.0
200840	Trav	335677.59	6482574.61	355020.94	6482574.61	90.0	19.3	1577.8	0.0
200850	Trav	335676.80	6482624.61	355020.24	6482624.61	90.0	19.3	1597.2	0.0
200860	Trav	335676.00	6482674.61	355019.53	6482674.61	90.0	19.3	1616.5	0.0
200870	Trav	335675.21	6482724.61	355018.83	6482724.61	90.0	19.3	1635.9	0.0
200880	Trav	335674.41	6482774.61	355018.12	6482774.61	90.0	19.3	1655.2	0.0
200890	Trav	335673.62	6482824.61	355017.42	6482824.61	90.0	19.3	1674.5	0.0
200900	Trav	335672.82	6482874.61	355016.71	6482874.61	90.0	19.3	1693.9	0.0
200910	Trav	335672.02	6482924.61	355016.01	6482924.61	90.0	19.3	1713.2	0.0
200920	Trav	335671.23	6482974.61	355015.30	6482974.61	90.0	19.3	1732.6	0.0
200930	Trav	335670.43	6483024.61	355014.60	6483024.61	90.0	19.3	1751.9	0.0
200940	Trav	335669.64	6483074.61	355013.89	6483074.61	90.0	19.3	1771.3	0.0
200950	Trav	335668.84	6483124.61	355013.19	6483124.61	90.0	19.3	1790.6	0.0
200960	Trav	335668.04	6483174.61	355012.48	6483174.61	90.0	19.3	1809.9	0.0
200970	Trav	335667.25	6483224.61	355011.78	6483224.61	90.0	19.3	1829.3	0.0
200980	Trav	335666.45	6483274.61	355011.07	6483274.61	90.0	19.3	1848.6	0.0
200990	Trav	335665.66	6483324.61	355010.37	6483324.61	90.0	19.3	1868.0	0.0
201000	Trav	335664.86	6483374.61	355009.66	6483374.61	90.0	19.3	1887.3	0.0
201010	Trav	335664.07	6483424.61	355008.96	6483424.61	90.0	19.3	1906.7	0.0
201020	Trav	335663.27	6483474.61	355008.25	6483474.61	90.0	19.3	1926.0	0.0
201030	Trav	335662.47	6483524.61	355007.55	6483524.61	90.0	19.3	1945.4	0.0
201040	Trav	335661.68	6483574.61	355006.84	6483574.61	90.0	19.3	1964.7	0.0
201050	Trav	335660.88	6483624.61	355006.46	6483624.61	90.0	19.3	1984.1	0.0
201060	Trav	335660.09	6483674.61	355006.46	6483674.61	90.0	19.3	2003.4	0.0
201070	Trav	335659.29	6483724.61	355006.46	6483724.61	90.0	19.3	2022.7	0.0
201080	Trav	335658.49	6483774.61	355006.46	6483774.61	90.0	19.3	2042.1	0.0
201090	Trav	335657.70	6483824.61	355006.46	6483824.61	90.0	19.3	2061.4	0.0
201100	Trav	335656.90	6483874.61	355006.46	6483874.61	90.0	19.3	2080.8	0.0
201110	Trav	335656.11	6483924.61	355006.46	6483924.61	90.0	19.4	2100.1	0.0
201120	Trav	335655.31	6483974.61	355006.46	6483974.61	90.0	19.4	2119.5	0.0
201130	Trav	335654.52	6484024.61	355006.46	6484024.61	90.0	19.4	2138.8	0.0
201140	Trav	335653.72	6484074.61	355006.46	6484074.61	90.0	19.4	2158.2	0.0
201150	Trav	335652.92	6484124.61	355006.46	6484124.61	90.0	19.4	2177.6	0.0
201160	Trav	335652.13	6484174.61	355006.46	6484174.61	90.0	19.4	2196.9	0.0
201170	Trav	335651.33	6484224.61	355006.46	6484224.61	90.0	19.4	2216.3	0.0
201180	Trav	335650.54	6484274.61	355006.46	6484274.61	90.0	19.4	2235.6	0.0
201190	Trav	335649.74	6484324.61	355006.46	6484324.61	90.0	19.4	2255.0	0.0
201200	Trav	335648.94	6484374.61	355006.46	6484374.61	90.0	19.4	2274.3	0.0
201210	Trav	335648.15	6484424.61	355006.46	6484424.61	90.0	19.4	2293.7	0.0
201220	Trav	335647.35	6484474.61	355006.46	6484474.61	90.0	19.4	2313.0	0.0
201230	Trav	335646.56	6484524.61	355006.46	6484524.61	90.0	19.4	2332.4	0.0
201240	Trav	335645.76	6484574.61	355006.46	6484574.61	90.0	19.4	2351.8	0.0
201250	Trav	335644.97	6484624.61	355006.46	6484624.61	90.0	19.4	2371.1	0.0
201260	Trav	335644.17	6484674.61	355006.46	6484674.61	90.0	19.4	2390.5	0.0
201270	Trav	335643.37	6484724.61	355006.46	6484724.61	90.0	19.4	2409.9	0.0
201280	Trav	335642.58	6484774.61	355006.46	6484774.61	90.0	19.4	2429.2	0.0
201290	Trav	335641.78	6484824.61	355006.46	6484824.61	90.0	19.4	2448.6	0.0
201300	Trav	335640.99	6484874.61	355006.46	6484874.61	90.0	19.4	2467.9	0.0



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Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
201310	Trav	335640.19	6484924.61	355006.46	6484924.61	90.0	19.4	2487.3	0.0
201320	Trav	335639.40	6484974.61	355006.46	6484974.61	90.0	19.4	2506.7	0.0
201330	Trav	335638.60	6485024.61	355006.46	6485024.61	90.0	19.4	2526.1	0.0
201340	Trav	335637.80	6485074.61	355006.46	6485074.61	90.0	19.4	2545.4	0.0
201350	Trav	335637.01	6485124.61	355006.46	6485124.61	90.0	19.4	2564.8	0.0
201360	Trav	335636.21	6485174.61	355006.46	6485174.61	90.0	19.4	2584.2	0.0
201370	Trav	335635.42	6485224.61	355006.46	6485224.61	90.0	19.4	2603.5	0.0
201380	Trav	335634.62	6485274.61	355006.46	6485274.61	90.0	19.4	2622.9	0.0
201390	Trav	335633.82	6485324.61	355006.46	6485324.61	90.0	19.4	2642.3	0.0
201400	Trav	335633.03	6485374.61	355006.46	6485374.61	90.0	19.4	2661.6	0.0
201410	Trav	335632.23	6485424.61	355006.46	6485424.61	90.0	19.4	2681.0	0.0
201420	Trav	335631.44	6485474.61	355006.46	6485474.61	90.0	19.4	2700.4	0.0
201430	Trav	335630.64	6485524.61	355006.46	6485524.61	90.0	19.4	2719.8	0.0
201440	Trav	335629.85	6485574.61	355006.46	6485574.61	90.0	19.4	2739.1	0.0
201450	Trav	335629.05	6485624.61	355006.46	6485624.61	90.0	19.4	2758.5	0.0
201460	Trav	335628.25	6485674.61	355006.46	6485674.61	90.0	19.4	2777.9	0.0
201470	Trav	335627.46	6485724.61	355006.46	6485724.61	90.0	19.4	2797.3	0.0
201480	Trav	335626.66	6485774.61	355006.46	6485774.61	90.0	19.4	2816.7	0.0
201490	Trav	335625.87	6485824.61	355006.46	6485824.61	90.0	19.4	2836.0	0.0
201500	Trav	335625.07	6485874.61	355006.46	6485874.61	90.0	19.4	2855.4	0.0
201510	Trav	335624.27	6485924.61	355006.46	6485924.61	90.0	19.4	2874.8	0.0
201520	Trav	335623.48	6485974.61	355006.46	6485974.61	90.0	19.4	2894.2	0.0
201530	Trav	335622.68	6486024.61	355006.46	6486024.61	90.0	19.4	2913.6	0.0
201540	Trav	335621.89	6486074.61	355009.22	6486074.61	90.0	19.4	2933.0	0.0
201550	Trav	335621.09	6486124.61	359707.97	6486124.61	90.0	24.1	2957.0	0.0
201560	Trav	335620.30	6486174.61	359707.29	6486174.61	90.0	24.1	2981.1	0.0
201570	Trav	335619.50	6486224.61	359706.61	6486224.61	90.0	24.1	3005.2	0.0
201580	Trav	335618.70	6486274.61	359705.93	6486274.61	90.0	24.1	3029.3	0.0
201590	Trav	335617.91	6486324.61	359705.25	6486324.61	90.0	24.1	3053.4	0.0
201600	Trav	335617.11	6486374.61	359704.57	6486374.61	90.0	24.1	3077.5	0.0
201610	Trav	335616.32	6486424.61	359703.89	6486424.61	90.0	24.1	3101.6	0.0
201620	Trav	335615.52	6486474.61	359703.21	6486474.61	90.0	24.1	3125.7	0.0
201630	Trav	335614.72	6486524.61	359702.53	6486524.61	90.0	24.1	3149.7	0.0
201640	Trav	335613.93	6486574.61	359701.85	6486574.61	90.0	24.1	3173.8	0.0
201650	Trav	335613.13	6486624.61	359701.17	6486624.61	90.0	24.1	3197.9	0.0
201660	Trav	335612.34	6486674.61	359700.49	6486674.61	90.0	24.1	3222.0	0.0
201670	Trav	335611.54	6486724.61	359699.81	6486724.61	90.0	24.1	3246.1	0.0
201680	Trav	335610.75	6486774.61	359699.13	6486774.61	90.0	24.1	3270.2	0.0
201690	Trav	335609.95	6486824.61	359698.45	6486824.61	90.0	24.1	3294.3	0.0
201700	Trav	335609.15	6486874.61	359697.77	6486874.61	90.0	24.1	3318.4	0.0
201710	Trav	335608.36	6486924.61	359697.10	6486924.61	90.0	24.1	3342.5	0.0
201720	Trav	335607.56	6486974.61	359696.42	6486974.61	90.0	24.1	3366.5	0.0
201730	Trav	335606.77	6487024.61	359695.74	6487024.61	90.0	24.1	3390.6	0.0
201740	Trav	335605.97	6487074.61	359695.06	6487074.61	90.0	24.1	3414.7	0.0
201750	Trav	335605.17	6487124.61	359694.38	6487124.61	90.0	24.1	3438.8	0.0
201760	Trav	335604.38	6487174.61	359693.70	6487174.61	90.0	24.1	3462.9	0.0
201770	Trav	335603.58	6487224.61	359693.02	6487224.61	90.0	24.1	3487.0	0.0
201780	Trav	335602.79	6487274.61	359692.34	6487274.61	90.0	24.1	3511.1	0.0
201790	Trav	335601.99	6487324.61	359691.66	6487324.61	90.0	24.1	3535.2	0.0
201800	Trav	335601.20	6487374.61	359690.98	6487374.61	90.0	24.1	3559.3	0.0
201810	Trav	335600.40	6487424.61	359690.30	6487424.61	90.0	24.1	3583.3	0.0
201820	Trav	335599.60	6487474.61	359689.62	6487474.61	90.0	24.1	3607.4	0.0
201830	Trav	335598.81	6487524.61	359688.94	6487524.61	90.0	24.1	3631.5	0.0
201840	Trav	335598.01	6487574.61	359688.26	6487574.61	90.0	24.1	3655.6	0.0
201850	Trav	335597.22	6487624.61	359687.58	6487624.61	90.0	24.1	3679.7	0.0
201860	Trav	335596.42	6487674.61	359686.90	6487674.61	90.0	24.1	3703.8	0.0
201870	Trav	335595.62	6487724.61	359686.22	6487724.61	90.0	24.1	3727.9	0.0
201880	Trav	335594.83	6487774.61	359685.54	6487774.61	90.0	24.1	3752.0	0.0
201890	Trav	335594.03	6487824.61	359684.86	6487824.61	90.0	24.1	3776.1	0.0
201900	Trav	335593.24	6487874.61	359684.18	6487874.61	90.0	24.1	3800.2	0.0
201910	Trav	335592.44	6487924.61	359683.51	6487924.61	90.0	24.1	3824.3	0.0
201920	Trav	335591.65	6487974.61	359682.83	6487974.61	90.0	24.1	3848.3	0.0
201930	Trav	335590.85	6488024.61	359682.15	6488024.61	90.0	24.1	3872.4	0.0
201940	Trav	335590.05	6488074.61	359681.47	6488074.61	90.0	24.1	3896.5	0.0
201950	Trav	335589.26	6488124.61	359680.79	6488124.61	90.0	24.1	3920.6	0.0



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Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
201960	Trav	335588.46	6488174.61	359680.11	6488174.61	90.0	24.1	3944.7	0.0
201970	Trav	335587.67	6488224.61	359679.43	6488224.61	90.0	24.1	3968.8	0.0
201980	Trav	335586.87	6488274.61	359678.75	6488274.61	90.0	24.1	3992.9	0.0
201990	Trav	335586.07	6488324.61	359678.07	6488324.61	90.0	24.1	4017.0	0.0
202000	Trav	335585.28	6488374.61	359677.39	6488374.61	90.0	24.1	4041.1	0.0
202010	Trav	335584.48	6488424.61	359676.71	6488424.61	90.0	24.1	4065.2	0.0
202020	Trav	335583.69	6488474.61	359676.03	6488474.61	90.0	24.1	4089.3	0.0
202030	Trav	335582.89	6488524.61	359675.35	6488524.61	90.0	24.1	4113.4	0.0
202040	Trav	335582.10	6488574.61	359674.67	6488574.61	90.0	24.1	4137.4	0.0
202050	Trav	335581.30	6488624.61	359673.99	6488624.61	90.0	24.1	4161.5	0.0
202060	Trav	335580.50	6488674.61	359673.31	6488674.61	90.0	24.1	4185.6	0.0
202070	Trav	335579.71	6488724.61	359672.63	6488724.61	90.0	24.1	4209.7	0.0
202080	Trav	335578.91	6488774.61	359671.95	6488774.61	90.0	24.1	4233.8	0.0
202090	Trav	335578.12	6488824.61	359671.27	6488824.61	90.0	24.1	4257.9	0.0
202100	Trav	335577.32	6488874.61	359670.59	6488874.61	90.0	24.1	4282.0	0.0
202110	Trav	335576.52	6488924.61	359669.91	6488924.61	90.0	24.1	4306.1	0.0
202120	Trav	335575.73	6488974.61	359669.24	6488974.61	90.0	24.1	4330.2	0.0
202130	Trav	335574.93	6489024.61	359668.56	6489024.61	90.0	24.1	4354.3	0.0
202140	Trav	335574.14	6489074.61	359667.88	6489074.61	90.0	24.1	4378.4	0.0
202150	Trav	335573.34	6489124.61	359667.20	6489124.61	90.0	24.1	4402.5	0.0
202160	Trav	335572.55	6489174.61	359666.52	6489174.61	90.0	24.1	4426.6	0.0
202170	Trav	335571.75	6489224.61	359665.84	6489224.61	90.0	24.1	4450.7	0.0
202180	Trav	335570.95	6489274.61	359665.16	6489274.61	90.0	24.1	4474.8	0.0
202190	Trav	335570.16	6489324.61	359664.48	6489324.61	90.0	24.1	4498.9	0.0
202200	Trav	335569.36	6489374.61	359663.80	6489374.61	90.0	24.1	4522.9	0.0
202210	Trav	335568.57	6489424.61	359663.12	6489424.61	90.0	24.1	4547.0	0.0
202220	Trav	335567.77	6489474.61	359662.44	6489474.61	90.0	24.1	4571.1	0.0
202230	Trav	335566.98	6489524.61	359661.76	6489524.61	90.0	24.1	4595.2	0.0
202240	Trav	335566.18	6489574.61	359661.08	6489574.61	90.0	24.1	4619.3	0.0
202250	Trav	335565.38	6489624.61	359660.40	6489624.61	90.0	24.1	4643.4	0.0
202260	Trav	335564.59	6489674.61	359659.72	6489674.61	90.0	24.1	4667.5	0.0
202270	Trav	335563.79	6489724.61	359659.04	6489724.61	90.0	24.1	4691.6	0.0
202280	Trav	335563.00	6489774.61	359658.36	6489774.61	90.0	24.1	4715.7	0.0
202290	Trav	335562.20	6489824.61	359657.68	6489824.61	90.0	24.1	4739.8	0.0
202300	Trav	335561.40	6489874.61	359657.00	6489874.61	90.0	24.1	4763.9	0.0
202310	Trav	335560.61	6489924.61	359656.32	6489924.61	90.0	24.1	4788.0	0.0
202320	Trav	335559.81	6489974.61	359655.65	6489974.61	90.0	24.1	4812.1	0.0
202330	Trav	335559.02	6490024.61	359654.97	6490024.61	90.0	24.1	4836.2	0.0
202340	Trav	335558.22	6490074.61	359654.29	6490074.61	90.0	24.1	4860.3	0.0
202350	Trav	335557.43	6490124.61	359653.61	6490124.61	90.0	24.1	4884.4	0.0
202360	Trav	335556.63	6490174.61	359652.93	6490174.61	90.0	24.1	4908.5	0.0
202370	Trav	335555.83	6490224.61	359652.25	6490224.61	90.0	24.1	4932.6	0.0
202380	Trav	335555.04	6490274.61	359651.57	6490274.61	90.0	24.1	4956.7	0.0
202390	Trav	335554.24	6490324.61	359650.89	6490324.61	90.0	24.1	4980.8	0.0
202400	Trav	335553.45	6490374.61	359650.21	6490374.61	90.0	24.1	5004.9	0.0
202410	Trav	335552.65	6490424.61	359649.53	6490424.61	90.0	24.1	5029.0	0.0
202420	Trav	335551.85	6490474.61	359648.85	6490474.61	90.0	24.1	5053.1	0.0
202430	Trav	335551.06	6490524.61	359648.17	6490524.61	90.0	24.1	5077.1	0.0
202440	Trav	335550.26	6490574.61	359647.49	6490574.61	90.0	24.1	5101.2	0.0
202450	Trav	335549.47	6490624.61	359646.81	6490624.61	90.0	24.1	5125.3	0.0
202460	Trav	335548.67	6490674.61	359646.13	6490674.61	90.0	24.1	5149.4	0.0
202470	Trav	335547.88	6490724.61	359645.45	6490724.61	90.0	24.1	5173.5	0.0
202480	Trav	335547.08	6490774.61	359644.77	6490774.61	90.0	24.1	5197.6	0.0
202490	Trav	335546.28	6490824.61	359644.09	6490824.61	90.0	24.1	5221.7	0.0
202500	Trav	335545.49	6490874.61	359643.41	6490874.61	90.0	24.1	5245.8	0.0
202510	Trav	335544.69	6490924.61	359642.73	6490924.61	90.0	24.1	5269.9	0.0
202520	Trav	335543.90	6490974.61	359642.06	6490974.61	90.0	24.1	5294.0	0.0
202530	Trav	335543.10	6491024.61	359641.38	6491024.61	90.0	24.1	5318.1	0.0
202540	Trav	335542.30	6491074.61	359640.70	6491074.61	90.0	24.1	5342.2	0.0
202550	Trav	335541.51	6491124.61	359640.02	6491124.61	90.0	24.1	5366.3	0.0
202560	Trav	335540.71	6491174.61	359639.34	6491174.61	90.0	24.1	5390.4	0.0
202570	Trav	335539.92	6491224.61	359638.66	6491224.61	90.0	24.1	5414.5	0.0
202580	Trav	335539.12	6491274.61	359637.98	6491274.61	90.0	24.1	5438.6	0.0
202590	Trav	335538.33	6491324.61	359637.30	6491324.61	90.0	24.1	5462.7	0.0
202600	Trav	335537.53	6491374.61	359636.62	6491374.61	90.0	24.1	5486.8	0.0



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Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
202610	Trav	335536.73	6491424.61	359635.94	6491424.61	90.0	24.1	5510.9	0.0
202620	Trav	335535.94	6491474.61	359635.26	6491474.61	90.0	24.1	5535.0	0.0
202630	Trav	335535.14	6491524.61	359634.58	6491524.61	90.0	24.1	5559.1	0.0
202640	Trav	335534.35	6491574.61	359633.90	6491574.61	90.0	24.1	5583.2	0.0
202650	Trav	335533.55	6491624.61	359633.22	6491624.61	90.0	24.1	5607.3	0.0
202660	Trav	335532.75	6491674.61	359632.54	6491674.61	90.0	24.1	5631.4	0.0
202670	Trav	335531.96	6491724.61	359631.86	6491724.61	90.0	24.1	5655.5	0.0
202680	Trav	335531.16	6491774.61	359631.18	6491774.61	90.0	24.1	5679.6	0.0
202690	Trav	335530.37	6491824.61	359630.50	6491824.61	90.0	24.1	5703.7	0.0
202700	Trav	335529.57	6491874.61	359629.82	6491874.61	90.0	24.1	5727.8	0.0
202710	Trav	335528.78	6491924.61	359629.14	6491924.61	90.0	24.1	5751.9	0.0
202720	Trav	335527.98	6491974.61	359628.46	6491974.61	90.0	24.1	5776.0	0.0
202730	Trav	335527.18	6492024.61	359627.79	6492024.61	90.0	24.1	5800.1	0.0
202740	Trav	335526.39	6492074.61	359627.11	6492074.61	90.0	24.1	5824.2	0.0
202750	Trav	335525.59	6492124.61	359626.43	6492124.61	90.0	24.1	5848.3	0.0
202760	Trav	335524.80	6492174.61	359625.75	6492174.61	90.0	24.1	5872.4	0.0
202770	Trav	335524.00	6492224.61	359625.07	6492224.61	90.0	24.1	5896.5	0.0
202780	Trav	335523.20	6492274.61	359624.39	6492274.61	90.0	24.1	5920.6	0.0
202790	Trav	335522.41	6492324.61	359623.71	6492324.61	90.0	24.1	5944.7	0.0
202800	Trav	335521.61	6492374.61	359623.03	6492374.61	90.0	24.1	5968.8	0.0
202810	Trav	335520.82	6492424.61	359622.35	6492424.61	90.0	24.1	5992.9	0.0
202820	Trav	335520.02	6492474.61	359621.67	6492474.61	90.0	24.1	6017.0	0.0
202830	Trav	335519.23	6492524.61	359620.99	6492524.61	90.0	24.1	6041.1	0.0
202840	Trav	335518.43	6492574.61	359620.31	6492574.61	90.0	24.1	6065.2	0.0
202850	Trav	335517.63	6492624.61	359619.63	6492624.61	90.0	24.1	6089.3	0.0
202860	Trav	335516.84	6492674.61	359618.95	6492674.61	90.0	24.1	6113.4	0.0
202870	Trav	335516.04	6492724.61	359618.27	6492724.61	90.0	24.1	6137.5	0.0
202880	Trav	335515.25	6492774.61	359617.59	6492774.61	90.0	24.1	6161.6	0.0
202890	Trav	335514.45	6492824.61	359616.91	6492824.61	90.0	24.1	6185.7	0.0
202900	Trav	335513.65	6492874.61	359616.23	6492874.61	90.0	24.1	6209.8	0.0
202910	Trav	335512.86	6492924.61	359615.55	6492924.61	90.0	24.1	6233.9	0.0
202920	Trav	335512.06	6492974.61	359614.87	6492974.61	90.0	24.1	6258.1	0.0
202930	Trav	335511.27	6493024.61	359614.20	6493024.61	90.0	24.1	6282.2	0.0
202940	Trav	335510.47	6493074.61	359613.52	6493074.61	90.0	24.1	6306.3	0.0
202950	Trav	335509.68	6493124.61	359612.84	6493124.61	90.0	24.1	6330.4	0.0
202960	Trav	335508.88	6493174.61	359612.16	6493174.61	90.0	24.1	6354.5	0.0
202970	Trav	335508.08	6493224.61	359611.48	6493224.61	90.0	24.1	6378.6	0.0
202980	Trav	335507.29	6493274.61	359610.80	6493274.61	90.0	24.1	6402.7	0.0
202990	Trav	335506.49	6493324.61	359610.12	6493324.61	90.0	24.1	6426.8	0.0
203000	Trav	335505.70	6493374.61	359609.44	6493374.61	90.0	24.1	6450.9	0.0
203010	Trav	335504.90	6493424.61	359608.76	6493424.61	90.0	24.1	6475.0	0.0
203020	Trav	335504.11	6493474.61	359608.08	6493474.61	90.0	24.1	6499.1	0.0
203030	Trav	335503.31	6493524.61	359607.40	6493524.61	90.0	24.1	6523.2	0.0
203040	Trav	335502.51	6493574.61	359606.72	6493574.61	90.0	24.1	6547.3	0.0
203050	Trav	335501.72	6493624.61	359606.04	6493624.61	90.0	24.1	6571.4	0.0
203060	Trav	335500.92	6493674.61	359605.36	6493674.61	90.0	24.1	6595.5	0.0
203070	Trav	335500.13	6493724.61	359604.68	6493724.61	90.0	24.1	6619.6	0.0
203080	Trav	335499.33	6493774.61	359604.00	6493774.61	90.0	24.1	6643.7	0.0
203090	Trav	335498.53	6493824.61	359603.32	6493824.61	90.0	24.1	6667.8	0.0
203100	Trav	335497.74	6493874.61	359602.64	6493874.61	90.0	24.1	6691.9	0.0
203110	Trav	335496.94	6493924.61	359601.96	6493924.61	90.0	24.1	6716.0	0.0
203120	Trav	335496.15	6493974.61	359601.28	6493974.61	90.0	24.1	6740.1	0.0
203130	Trav	335495.35	6494024.61	359600.61	6494024.61	90.0	24.1	6764.2	0.0
203140	Trav	335494.56	6494074.61	359599.93	6494074.61	90.0	24.1	6788.3	0.0
203150	Trav	335493.76	6494124.61	359599.25	6494124.61	90.0	24.1	6812.4	0.0
203160	Trav	335492.96	6494174.61	359598.57	6494174.61	90.0	24.1	6836.6	0.0
203170	Trav	335492.17	6494224.61	359597.89	6494224.61	90.0	24.1	6860.7	0.0
203180	Trav	335491.37	6494274.61	359597.21	6494274.61	90.0	24.1	6884.8	0.0
203190	Trav	335490.58	6494324.61	359596.53	6494324.61	90.0	24.1	6908.9	0.0
203200	Trav	335489.78	6494374.61	359595.85	6494374.61	90.0	24.1	6933.0	0.0
203210	Trav	335488.98	6494424.61	359595.17	6494424.61	90.0	24.1	6957.1	0.0
203220	Trav	335488.19	6494474.61	359594.49	6494474.61	90.0	24.1	6981.2	0.0
203230	Trav	335487.39	6494524.61	359593.81	6494524.61	90.0	24.1	7005.3	0.0
203240	Trav	335486.60	6494574.61	359593.13	6494574.61	90.0	24.1	7029.4	0.0
203250	Trav	335485.80	6494624.61	359592.45	6494624.61	90.0	24.1	7053.5	0.0



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Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
203260	Trav	335485.01	6494674.61	359591.77	6494674.61	90.0	24.1	7077.6	0.0
203270	Trav	335484.21	6494724.61	359591.09	6494724.61	90.0	24.1	7101.7	0.0
203280	Trav	335483.41	6494774.61	359590.41	6494774.61	90.0	24.1	7125.8	0.0
203290	Trav	335482.62	6494824.61	359589.73	6494824.61	90.0	24.1	7149.9	0.0
203300	Trav	335481.82	6494874.61	359589.05	6494874.61	90.0	24.1	7174.0	0.0
203310	Trav	335481.03	6494924.61	359588.37	6494924.61	90.0	24.1	7198.2	0.0
203320	Trav	335480.23	6494974.61	359587.69	6494974.61	90.0	24.1	7222.3	0.0
203330	Trav	335479.43	6495024.61	359587.01	6495024.61	90.0	24.1	7246.4	0.0
203340	Trav	335478.64	6495074.61	359586.34	6495074.61	90.0	24.1	7270.5	0.0
203350	Trav	335477.84	6495124.61	359585.66	6495124.61	90.0	24.1	7294.6	0.0
203360	Trav	335477.05	6495174.61	359584.98	6495174.61	90.0	24.1	7318.7	0.0
203370	Trav	335476.25	6495224.61	359584.30	6495224.61	90.0	24.1	7342.8	0.0
203380	Trav	335475.46	6495274.61	359583.62	6495274.61	90.0	24.1	7366.9	0.0
203390	Trav	335474.66	6495324.61	359582.94	6495324.61	90.0	24.1	7391.0	0.0
203400	Trav	335473.86	6495374.61	359582.26	6495374.61	90.0	24.1	7415.1	0.0
203410	Trav	335473.07	6495424.61	359581.58	6495424.61	90.0	24.1	7439.2	0.0
203420	Trav	335472.27	6495474.61	359580.90	6495474.61	90.0	24.1	7463.3	0.0
203430	Trav	335471.48	6495524.61	359580.22	6495524.61	90.0	24.1	7487.4	0.0
203440	Trav	335470.68	6495574.61	359579.54	6495574.61	90.0	24.1	7511.6	0.0
203450	Trav	335469.88	6495624.61	359578.86	6495624.61	90.0	24.1	7535.7	0.0
203460	Trav	335469.09	6495674.61	359578.18	6495674.61	90.0	24.1	7559.8	0.0
203470	Trav	335468.29	6495724.61	359577.50	6495724.61	90.0	24.1	7583.9	0.0
203480	Trav	335467.50	6495774.61	359576.82	6495774.61	90.0	24.1	7608.0	0.0
203490	Trav	335466.70	6495824.61	359576.14	6495824.61	90.0	24.1	7632.1	0.0
203500	Trav	335465.91	6495874.61	359575.46	6495874.61	90.0	24.1	7656.2	0.0
203510	Trav	335465.11	6495924.61	359574.78	6495924.61	90.0	24.1	7680.3	0.0
203520	Trav	335464.31	6495974.61	359574.10	6495974.61	90.0	24.1	7704.4	0.0
203530	Trav	335463.52	6496024.61	359573.42	6496024.61	90.0	24.1	7728.5	0.0
203540	Trav	335462.72	6496074.61	359572.75	6496074.61	90.0	24.1	7752.7	0.0
203550	Trav	335461.93	6496124.61	359572.07	6496124.61	90.0	24.1	7776.8	0.0
203560	Trav	335461.13	6496174.61	359571.39	6496174.61	90.0	24.1	7800.9	0.0
203570	Trav	335460.33	6496224.61	359570.71	6496224.61	90.0	24.1	7825.0	0.0
203580	Trav	335459.54	6496274.61	359570.03	6496274.61	90.0	24.1	7849.1	0.0
203590	Trav	335458.74	6496324.61	359569.35	6496324.61	90.0	24.1	7873.2	0.0
203600	Trav	335457.95	6496374.61	359568.67	6496374.61	90.0	24.1	7897.3	0.0
203610	Trav	335457.15	6496424.61	359567.99	6496424.61	90.0	24.1	7921.4	0.0
203620	Trav	335456.36	6496474.61	359567.31	6496474.61	90.0	24.1	7945.5	0.0
203630	Trav	335455.56	6496524.61	359566.63	6496524.61	90.0	24.1	7969.6	0.0
203640	Trav	335454.76	6496574.61	359565.95	6496574.61	90.0	24.1	7993.8	0.0
203650	Trav	335453.97	6496624.61	359565.27	6496624.61	90.0	24.1	8017.9	0.0
203660	Trav	335453.17	6496674.61	359564.59	6496674.61	90.0	24.1	8042.0	0.0
203670	Trav	335452.38	6496724.61	359563.91	6496724.61	90.0	24.1	8066.1	0.0
203680	Trav	335451.58	6496774.61	359563.23	6496774.61	90.0	24.1	8090.2	0.0
203690	Trav	335450.78	6496824.61	359562.55	6496824.61	90.0	24.1	8114.3	0.0
203700	Trav	335449.99	6496874.61	359561.87	6496874.61	90.0	24.1	8138.4	0.0
203710	Trav	335449.19	6496924.61	359561.19	6496924.61	90.0	24.1	8162.5	0.0
203720	Trav	335448.40	6496974.61	359560.51	6496974.61	90.0	24.1	8186.7	0.0
203730	Trav	335447.60	6497024.61	359559.83	6497024.61	90.0	24.1	8210.8	0.0
203740	Trav	335446.81	6497074.61	359559.16	6497074.61	90.0	24.1	8234.9	0.0
203750	Trav	335446.01	6497124.61	359558.48	6497124.61	90.0	24.1	8259.0	0.0
203760	Trav	335445.21	6497174.61	359557.80	6497174.61	90.0	24.1	8283.1	0.0
203770	Trav	335444.42	6497224.61	359557.12	6497224.61	90.0	24.1	8307.2	0.0
203780	Trav	335443.62	6497274.61	359556.44	6497274.61	90.0	24.1	8331.3	0.0
203790	Trav	340387.57	6497324.61	359555.76	6497324.61	90.0	19.2	8350.5	0.0
203800	Trav	346512.73	6497374.61	359555.08	6497374.61	90.0	13.0	8363.5	0.0
203810	Trav	346507.77	6497424.61	359554.40	6497424.61	90.0	13.0	8376.6	0.0
203820	Trav	346507.03	6497474.61	359553.72	6497474.61	90.0	13.0	8389.6	0.0
203830	Trav	346506.29	6497524.61	359553.04	6497524.61	90.0	13.0	8402.7	0.0
203840	Trav	346505.55	6497574.61	359552.36	6497574.61	90.0	13.0	8415.7	0.0
203850	Trav	346504.82	6497624.61	359551.68	6497624.61	90.0	13.0	8428.8	0.0
203860	Trav	346504.08	6497674.61	359551.00	6497674.61	90.0	13.0	8441.8	0.0
203870	Trav	346503.34	6497724.61	359550.32	6497724.61	90.0	13.0	8454.9	0.0
203880	Trav	346502.60	6497774.61	359549.64	6497774.61	90.0	13.0	8467.9	0.0
203890	Trav	346501.86	6497824.61	359548.96	6497824.61	90.0	13.0	8481.0	0.0
203900	Trav	346501.12	6497874.61	359548.28	6497874.61	90.0	13.0	8494.0	0.0



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Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
203910	Trav	346500.38	6497924.61	359547.60	6497924.61	90.0	13.0	8507.1	0.0
203920	Trav	346499.64	6497974.61	359546.92	6497974.61	90.0	13.0	8520.1	0.0
203930	Trav	346498.90	6498024.61	359546.24	6498024.61	90.0	13.0	8533.1	0.0
203940	Trav	346498.16	6498074.61	359545.56	6498074.61	90.0	13.0	8546.2	0.0
203950	Trav	346497.42	6498124.61	359544.89	6498124.61	90.0	13.0	8559.2	0.0
203960	Trav	346496.69	6498174.61	359544.21	6498174.61	90.0	13.0	8572.3	0.0
203970	Trav	346495.95	6498224.61	359543.53	6498224.61	90.0	13.0	8585.3	0.0
203980	Trav	346495.21	6498274.61	359542.85	6498274.61	90.0	13.0	8598.4	0.0
203990	Trav	346494.47	6498324.61	359542.17	6498324.61	90.0	13.0	8611.4	0.0
204000	Trav	346493.73	6498374.61	359541.49	6498374.61	90.0	13.0	8624.5	0.0
204010	Trav	346492.99	6498424.61	359540.81	6498424.61	90.0	13.0	8637.5	0.0
204020	Trav	346492.25	6498474.61	359540.13	6498474.61	90.0	13.0	8650.6	0.0
204030	Trav	346491.51	6498524.61	359539.45	6498524.61	90.0	13.0	8663.6	0.0
204040	Trav	346490.77	6498574.61	359538.77	6498574.61	90.0	13.0	8676.7	0.0
204050	Trav	346490.03	6498624.61	359538.09	6498624.61	90.0	13.0	8689.7	0.0
204060	Trav	346489.29	6498674.61	359537.41	6498674.61	90.0	13.0	8702.8	0.0
204070	Trav	346488.55	6498724.61	359536.73	6498724.61	90.0	13.0	8715.8	0.0
204080	Trav	346487.82	6498774.61	359536.05	6498774.61	90.0	13.0	8728.9	0.0
204090	Trav	346487.08	6498824.61	359535.37	6498824.61	90.0	13.0	8741.9	0.0
204100	Trav	346486.34	6498874.61	359534.69	6498874.61	90.0	13.0	8755.0	0.0
204110	Trav	346485.60	6498924.61	359534.01	6498924.61	90.0	13.0	8768.0	0.0
204120	Trav	346484.86	6498974.61	359533.33	6498974.61	90.0	13.0	8781.1	0.0
204130	Trav	346484.12	6499024.61	359532.65	6499024.61	90.0	13.0	8794.1	0.0
204140	Trav	346483.38	6499074.61	359531.97	6499074.61	90.0	13.0	8807.2	0.0
204150	Trav	346482.64	6499124.61	359531.30	6499124.61	90.0	13.0	8820.2	0.0
204160	Trav	346481.90	6499174.61	359530.62	6499174.61	90.0	13.0	8833.3	0.0
204170	Trav	346481.16	6499224.61	359529.94	6499224.61	90.0	13.0	8846.3	0.0
204180	Trav	346480.42	6499274.61	359529.26	6499274.61	90.0	13.0	8859.3	0.0
204190	Trav	346479.69	6499324.61	359528.58	6499324.61	90.0	13.0	8872.4	0.0
204200	Trav	346478.95	6499374.61	359527.90	6499374.61	90.0	13.0	8885.4	0.0
204210	Trav	346478.21	6499424.61	359527.22	6499424.61	90.0	13.0	8898.5	0.0
204220	Trav	346477.47	6499474.61	359526.54	6499474.61	90.0	13.0	8911.5	0.0
204230	Trav	346476.73	6499524.61	359525.86	6499524.61	90.0	13.0	8924.6	0.0
204240	Trav	346475.99	6499574.61	359525.18	6499574.61	90.0	13.0	8937.6	0.0
204250	Trav	346475.25	6499624.61	359524.50	6499624.61	90.0	13.0	8950.7	0.0
204260	Trav	346474.51	6499674.61	359523.82	6499674.61	90.0	13.0	8963.7	0.0
204270	Trav	346473.77	6499724.61	359523.14	6499724.61	90.0	13.0	8976.8	0.0
204280	Trav	346473.03	6499774.61	359522.46	6499774.61	90.0	13.0	8989.8	0.0
204290	Trav	346472.29	6499824.61	359521.78	6499824.61	90.0	13.0	9002.9	0.0
204300	Trav	346471.55	6499874.61	359521.10	6499874.61	90.0	13.0	9015.9	0.0
204310	Trav	346470.82	6499924.61	359520.42	6499924.61	90.0	13.0	9029.0	0.0
204320	Trav	346470.08	6499974.61	359519.74	6499974.61	90.0	13.0	9042.0	0.0
204330	Trav	346469.34	6500024.61	359519.06	6500024.61	90.0	13.0	9055.1	0.0
204340	Trav	346468.60	6500074.61	359518.38	6500074.61	90.0	13.0	9068.1	0.0
204350	Trav	346467.86	6500124.61	359517.71	6500124.61	90.0	13.0	9081.2	0.0
204360	Trav	346467.12	6500174.61	359517.03	6500174.61	90.0	13.0	9094.2	0.0
204370	Trav	346466.38	6500224.61	359516.35	6500224.61	90.0	13.0	9107.3	0.0
204380	Trav	346465.64	6500274.61	359515.67	6500274.61	90.0	13.1	9120.3	0.0
204390	Trav	346464.90	6500324.61	359514.99	6500324.61	90.0	13.1	9133.4	0.0
204400	Trav	346464.16	6500374.61	359514.31	6500374.61	90.0	13.1	9146.4	0.0
204410	Trav	346463.42	6500424.61	359513.63	6500424.61	90.0	13.1	9159.5	0.0
204420	Trav	346462.69	6500474.61	359512.95	6500474.61	90.0	13.1	9172.5	0.0
204430	Trav	346461.95	6500524.61	359512.27	6500524.61	90.0	13.1	9185.6	0.0
204440	Trav	346461.21	6500574.61	359511.59	6500574.61	90.0	13.1	9198.6	0.0
204450	Trav	346460.47	6500624.61	359510.91	6500624.61	90.0	13.1	9211.7	0.0
204460	Trav	346459.73	6500674.61	359510.23	6500674.61	90.0	13.1	9224.7	0.0
204470	Trav	346458.99	6500724.61	359509.55	6500724.61	90.0	13.1	9237.8	0.0
204480	Trav	346458.25	6500774.61	359508.87	6500774.61	90.0	13.1	9250.8	0.0
204490	Trav	346457.51	6500824.61	359508.19	6500824.61	90.0	13.1	9263.9	0.0
204500	Trav	346456.77	6500874.61	359507.51	6500874.61	90.0	13.1	9276.9	0.0
204510	Trav	346456.03	6500924.61	359506.83	6500924.61	90.0	13.1	9290.0	0.0
204520	Trav	346455.29	6500974.61	359506.15	6500974.61	90.0	13.1	9303.0	0.0
204530	Trav	346454.55	6501024.61	359505.47	6501024.61	90.0	13.1	9316.1	0.0
204540	Trav	346453.82	6501074.61	359504.79	6501074.61	90.0	13.1	9329.1	0.0
204550	Trav	346453.08	6501124.61	359504.11	6501124.61	90.0	13.1	9342.2	0.0



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Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
204560	Trav	346452.34	6501174.61	359503.44	6501174.61	90.0	13.1	9355.2	0.0
204570	Trav	346451.60	6501224.61	359502.76	6501224.61	90.0	13.1	9368.3	0.0
204580	Trav	346450.86	6501274.61	359502.08	6501274.61	90.0	13.1	9381.4	0.0
204590	Trav	346450.12	6501324.61	359501.40	6501324.61	90.0	13.1	9394.4	0.0
204600	Trav	346449.38	6501374.61	359500.72	6501374.61	90.0	13.1	9407.5	0.0
204610	Trav	346448.64	6501424.61	359500.04	6501424.61	90.0	13.1	9420.5	0.0
204620	Trav	346447.90	6501474.61	359499.36	6501474.61	90.0	13.1	9433.6	0.0
204630	Trav	346447.16	6501524.61	359498.68	6501524.61	90.0	13.1	9446.6	0.0
204640	Trav	346446.42	6501574.61	359498.00	6501574.61	90.0	13.1	9459.7	0.0
204650	Trav	346445.69	6501624.61	359497.32	6501624.61	90.0	13.1	9472.7	0.0
204660	Trav	346444.95	6501674.61	359496.64	6501674.61	90.0	13.1	9485.8	0.0
204670	Trav	346444.21	6501724.61	359495.96	6501724.61	90.0	13.1	9498.8	0.0
204680	Trav	346443.47	6501774.61	359495.28	6501774.61	90.0	13.1	9511.9	0.0
204690	Trav	346442.73	6501824.61	359494.60	6501824.61	90.0	13.1	9524.9	0.0
204700	Trav	346441.99	6501874.61	359493.92	6501874.61	90.0	13.1	9538.0	0.0
204710	Trav	346441.25	6501924.61	359493.24	6501924.61	90.0	13.1	9551.0	0.0
204720	Trav	346440.51	6501974.61	359492.56	6501974.61	90.0	13.1	9564.1	0.0
204730	Trav	346439.77	6502024.61	359491.88	6502024.61	90.0	13.1	9577.1	0.0
204740	Trav	346439.03	6502074.61	359491.20	6502074.61	90.0	13.1	9590.2	0.0
204750	Trav	346438.29	6502124.61	359490.52	6502124.61	90.0	13.1	9603.2	0.0
204760	Trav	346437.55	6502174.61	359489.85	6502174.61	90.0	13.1	9616.3	0.0
204770	Trav	346436.82	6502224.61	359489.17	6502224.61	90.0	13.1	9629.3	0.0
204780	Trav	346436.08	6502274.61	359488.49	6502274.61	90.0	13.1	9642.4	0.0
204790	Trav	346435.34	6502324.61	359487.81	6502324.61	90.0	13.1	9655.4	0.0
204800	Trav	346434.60	6502374.61	359487.13	6502374.61	90.0	13.1	9668.5	0.0
204810	Trav	346433.86	6502424.61	359486.45	6502424.61	90.0	13.1	9681.5	0.0
204820	Trav	346433.12	6502474.61	359485.77	6502474.61	90.0	13.1	9694.6	0.0
204830	Trav	346432.38	6502524.61	359485.09	6502524.61	90.0	13.1	9707.7	0.0
204840	Trav	346431.64	6502574.61	359484.41	6502574.61	90.0	13.1	9720.7	0.0
204850	Trav	346430.90	6502624.61	359483.73	6502624.61	90.0	13.1	9733.8	0.0
204860	Trav	346430.16	6502674.61	359483.05	6502674.61	90.0	13.1	9746.8	0.0
204870	Trav	346429.42	6502724.61	359482.37	6502724.61	90.0	13.1	9759.9	0.0
204880	Trav	346428.69	6502774.61	359481.69	6502774.61	90.0	13.1	9772.9	0.0
204890	Trav	346427.95	6502824.61	359481.01	6502824.61	90.0	13.1	9786.0	0.0
204900	Trav	346427.21	6502874.61	359480.33	6502874.61	90.0	13.1	9799.0	0.0
204910	Trav	346426.47	6502924.61	359479.65	6502924.61	90.0	13.1	9812.1	0.0
204920	Trav	346425.73	6502974.61	359478.97	6502974.61	90.0	13.1	9825.1	0.0
204930	Trav	346424.99	6503024.61	359478.29	6503024.61	90.0	13.1	9838.2	0.0
204940	Trav	346424.25	6503074.61	359477.61	6503074.61	90.0	13.1	9851.2	0.0
204950	Trav	346423.51	6503124.61	359476.93	6503124.61	90.0	13.1	9864.3	0.0
204960	Trav	346422.77	6503174.61	359476.26	6503174.61	90.0	13.1	9877.3	0.0
204970	Trav	346422.03	6503224.61	359475.58	6503224.61	90.0	13.1	9890.4	0.0
204980	Trav	346421.29	6503274.61	359474.90	6503274.61	90.0	13.1	9903.4	0.0
204990	Trav	346420.55	6503324.61	359474.22	6503324.61	90.0	13.1	9916.5	0.0
205000	Trav	346419.82	6503374.61	359473.54	6503374.61	90.0	13.1	9929.6	0.0
205010	Trav	346419.08	6503424.61	359472.86	6503424.61	90.0	13.1	9942.6	0.0
205020	Trav	346418.34	6503474.61	359472.18	6503474.61	90.0	13.1	9955.7	0.0
205030	Trav	346417.60	6503524.61	359471.50	6503524.61	90.0	13.1	9968.7	0.0
205040	Trav	346416.86	6503574.61	359470.82	6503574.61	90.0	13.1	9981.8	0.0
205050	Trav	346416.12	6503624.61	359470.14	6503624.61	90.0	13.1	9994.8	0.0
205060	Trav	346415.38	6503674.61	359469.46	6503674.61	90.0	13.1	10007.9	0.0
205070	Trav	346414.64	6503724.61	359468.78	6503724.61	90.0	13.1	10020.9	0.0
205080	Trav	346413.90	6503774.61	359468.10	6503774.61	90.0	13.1	10034.0	0.0
205090	Trav	346413.16	6503824.61	359467.42	6503824.61	90.0	13.1	10047.0	0.0
205100	Trav	346412.42	6503874.61	359466.74	6503874.61	90.0	13.1	10060.1	0.0
205110	Trav	346411.69	6503924.61	359466.06	6503924.61	90.0	13.1	10073.2	0.0
205120	Trav	346410.95	6503974.61	359465.38	6503974.61	90.0	13.1	10086.2	0.0
205130	Trav	346410.21	6504024.61	359464.70	6504024.61	90.0	13.1	10099.3	0.0
205140	Trav	346409.47	6504074.61	359464.02	6504074.61	90.0	13.1	10112.3	0.0
205150	Trav	346408.73	6504124.61	359463.34	6504124.61	90.0	13.1	10125.4	0.0
205160	Trav	346407.99	6504174.61	359462.66	6504174.61	90.0	13.1	10138.4	0.0
205170	Trav	346407.25	6504224.61	359461.99	6504224.61	90.0	13.1	10151.5	0.0
205180	Trav	346406.51	6504274.61	359461.31	6504274.61	90.0	13.1	10164.5	0.0
205190	Trav	346405.77	6504324.61	359460.63	6504324.61	90.0	13.1	10177.6	0.0
205200	Trav	346405.03	6504374.61	359459.95	6504374.61	90.0	13.1	10190.6	0.0



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Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
205210	Trav	346404.29	6504424.61	359459.27	6504424.61	90.0	13.1	10203.7	0.0
205220	Trav	346403.55	6504474.61	359458.59	6504474.61	90.0	13.1	10216.8	0.0
205230	Trav	346402.82	6504524.61	359457.91	6504524.61	90.0	13.1	10229.8	0.0
205240	Trav	346402.08	6504574.61	359457.23	6504574.61	90.0	13.1	10242.9	0.0
205250	Trav	346401.34	6504624.61	359456.55	6504624.61	90.0	13.1	10255.9	0.0
205260	Trav	346400.60	6504674.61	359455.87	6504674.61	90.0	13.1	10269.0	0.0
205270	Trav	346399.86	6504724.61	359455.19	6504724.61	90.0	13.1	10282.0	0.0
205280	Trav	346399.12	6504774.61	359454.51	6504774.61	90.0	13.1	10295.1	0.0
205290	Trav	346398.38	6504824.61	359453.83	6504824.61	90.0	13.1	10308.1	0.0
205300	Trav	346397.64	6504874.61	359453.15	6504874.61	90.0	13.1	10321.2	0.0
205310	Trav	346396.90	6504924.61	359452.47	6504924.61	90.0	13.1	10334.3	0.0
205320	Trav	346396.16	6504974.61	359451.79	6504974.61	90.0	13.1	10347.3	0.0
205330	Trav	346395.42	6505024.61	359451.11	6505024.61	90.0	13.1	10360.4	0.0
205340	Trav	346394.69	6505074.61	359450.43	6505074.61	90.0	13.1	10373.4	0.0
205350	Trav	346393.95	6505124.61	359449.75	6505124.61	90.0	13.1	10386.5	0.0
205360	Trav	346393.21	6505174.61	359449.07	6505174.61	90.0	13.1	10399.5	0.0
205370	Trav	346392.47	6505224.61	359448.40	6505224.61	90.0	13.1	10412.6	0.0
205380	Trav	346391.73	6505274.61	359447.72	6505274.61	90.0	13.1	10425.6	0.0
205390	Trav	346390.99	6505324.61	359447.04	6505324.61	90.0	13.1	10438.7	0.0
205400	Trav	346390.25	6505374.61	359446.36	6505374.61	90.0	13.1	10451.8	0.0
205410	Trav	346389.51	6505424.61	359445.68	6505424.61	90.0	13.1	10464.8	0.0
205420	Trav	346388.77	6505474.61	359445.00	6505474.61	90.0	13.1	10477.9	0.0
205430	Trav	346388.03	6505524.61	359444.32	6505524.61	90.0	13.1	10490.9	0.0
205440	Trav	346387.29	6505574.61	359443.64	6505574.61	90.0	13.1	10504.0	0.0
205450	Trav	346386.55	6505624.61	359442.96	6505624.61	90.0	13.1	10517.0	0.0
205460	Trav	346385.82	6505674.61	359442.28	6505674.61	90.0	13.1	10530.1	0.0
205470	Trav	346385.08	6505724.61	359441.60	6505724.61	90.0	13.1	10543.1	0.0
205480	Trav	346384.34	6505774.61	359440.92	6505774.61	90.0	13.1	10556.2	0.0
205490	Trav	346383.60	6505824.61	359440.24	6505824.61	90.0	13.1	10569.3	0.0
205500	Trav	346382.86	6505874.61	359439.56	6505874.61	90.0	13.1	10582.3	0.0
205510	Trav	346382.12	6505924.61	359438.88	6505924.61	90.0	13.1	10595.4	0.0
205520	Trav	346381.38	6505974.61	359438.20	6505974.61	90.0	13.1	10608.4	0.0
205530	Trav	346380.64	6506024.61	359437.52	6506024.61	90.0	13.1	10621.5	0.0
205540	Trav	346379.90	6506074.61	359436.84	6506074.61	90.0	13.1	10634.5	0.0
205550	Trav	346379.16	6506124.61	359436.16	6506124.61	90.0	13.1	10647.6	0.0
205560	Trav	346378.42	6506174.61	359435.48	6506174.61	90.0	13.1	10660.7	0.0
205570	Trav	346377.68	6506224.61	359434.81	6506224.61	90.0	13.1	10673.7	0.0
205580	Trav	346376.95	6506274.61	359434.13	6506274.61	90.0	13.1	10686.8	0.0
205590	Trav	346376.21	6506324.61	359433.45	6506324.61	90.0	13.1	10699.8	0.0
205600	Trav	346375.47	6506374.61	359432.77	6506374.61	90.0	13.1	10712.9	0.0
205610	Trav	346374.73	6506424.61	359432.09	6506424.61	90.0	13.1	10725.9	0.0
205620	Trav	346373.99	6506474.61	359431.41	6506474.61	90.0	13.1	10739.0	0.0
205630	Trav	346373.25	6506524.61	359430.73	6506524.61	90.0	13.1	10752.1	0.0
205640	Trav	346372.51	6506574.61	359430.05	6506574.61	90.0	13.1	10765.1	0.0
205650	Trav	346371.77	6506624.61	359429.37	6506624.61	90.0	13.1	10778.2	0.0
205660	Trav	346371.03	6506674.61	359428.69	6506674.61	90.0	13.1	10791.2	0.0
205670	Trav	346370.29	6506724.61	359428.01	6506724.61	90.0	13.1	10804.3	0.0
205680	Trav	346369.55	6506774.61	359427.33	6506774.61	90.0	13.1	10817.3	0.0
205690	Trav	346368.82	6506824.61	353093.05	6506824.61	90.0	6.7	10824.1	0.0
205700	Trav	346368.08	6506874.61	353097.11	6506874.61	90.0	6.7	10830.8	0.0
205710	Trav	346367.34	6506924.61	353096.41	6506924.61	90.0	6.7	10837.5	0.0
205720	Trav	346366.60	6506974.61	353095.70	6506974.61	90.0	6.7	10844.3	0.0
205730	Trav	346365.86	6507024.61	353094.99	6507024.61	90.0	6.7	10851.0	0.0
205740	Trav	346365.12	6507074.61	353094.28	6507074.61	90.0	6.7	10857.7	0.0
205750	Trav	346364.38	6507124.61	353093.57	6507124.61	90.0	6.7	10864.4	0.0
205760	Trav	346363.64	6507174.61	353092.87	6507174.61	90.0	6.7	10871.2	0.0
205770	Trav	346362.90	6507224.61	353092.16	6507224.61	90.0	6.7	10877.9	0.0
205780	Trav	346362.16	6507274.61	353091.45	6507274.61	90.0	6.7	10884.6	0.0
205790	Trav	346361.42	6507324.61	353090.74	6507324.61	90.0	6.7	10891.4	0.0
205800	Trav	346360.68	6507374.61	353090.04	6507374.61	90.0	6.7	10898.1	0.0
205810	Trav	346359.95	6507424.61	353089.33	6507424.61	90.0	6.7	10904.8	0.0
205820	Trav	346359.21	6507474.61	353088.62	6507474.61	90.0	6.7	10911.6	0.0
205830	Trav	346358.47	6507524.61	353087.91	6507524.61	90.0	6.7	10918.3	0.0
205840	Trav	346357.73	6507574.61	353087.21	6507574.61	90.0	6.7	10925.0	0.0
205850	Trav	346356.99	6507624.61	353086.50	6507624.61	90.0	6.7	10931.7	0.0



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Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
205860	Trav	346356.25	6507674.61	353085.79	6507674.61	90.0	6.7	10938.5	0.0
205870	Trav	346355.51	6507724.61	353085.08	6507724.61	90.0	6.7	10945.2	0.0
205880	Trav	346354.77	6507774.61	353084.37	6507774.61	90.0	6.7	10951.9	0.0
205890	Trav	346354.03	6507824.61	353083.67	6507824.61	90.0	6.7	10958.7	0.0
205900	Trav	346353.29	6507874.61	353082.96	6507874.61	90.0	6.7	10965.4	0.0
205910	Trav	346352.55	6507924.61	353082.25	6507924.61	90.0	6.7	10972.1	0.0
205920	Trav	346351.82	6507974.61	353081.54	6507974.61	90.0	6.7	10978.8	0.0
205930	Trav	346351.08	6508024.61	353080.84	6508024.61	90.0	6.7	10985.6	0.0
205940	Trav	346350.34	6508074.61	353080.13	6508074.61	90.0	6.7	10992.3	0.0
205950	Trav	346349.60	6508124.61	353079.42	6508124.61	90.0	6.7	10999.0	0.0
205960	Trav	346348.86	6508174.61	353078.71	6508174.61	90.0	6.7	11005.8	0.0
205970	Trav	346348.12	6508224.61	353078.01	6508224.61	90.0	6.7	11012.5	0.0
205980	Trav	346347.38	6508274.61	353077.30	6508274.61	90.0	6.7	11019.2	0.0
205990	Trav	346346.64	6508324.61	353076.59	6508324.61	90.0	6.7	11026.0	0.0
206000	Trav	346345.90	6508374.61	353075.88	6508374.61	90.0	6.7	11032.7	0.0
206010	Trav	346345.16	6508424.61	353075.17	6508424.61	90.0	6.7	11039.4	0.0
206020	Trav	346344.42	6508474.61	353074.47	6508474.61	90.0	6.7	11046.1	0.0
206030	Trav	346343.68	6508524.61	353073.76	6508524.61	90.0	6.7	11052.9	0.0
206040	Trav	346342.95	6508574.61	353073.05	6508574.61	90.0	6.7	11059.6	0.0
206050	Trav	346342.21	6508624.61	353072.34	6508624.61	90.0	6.7	11066.3	0.0
206060	Trav	346341.47	6508674.61	353071.64	6508674.61	90.0	6.7	11073.1	0.0
206070	Trav	346340.73	6508724.61	353070.93	6508724.61	90.0	6.7	11079.8	0.0
206080	Trav	346339.99	6508774.61	353070.22	6508774.61	90.0	6.7	11086.5	0.0
206090	Trav	346339.25	6508824.61	353069.51	6508824.61	90.0	6.7	11093.3	0.0
206100	Trav	346338.51	6508874.61	353068.81	6508874.61	90.0	6.7	11100.0	0.0
206110	Trav	346337.77	6508924.61	353068.10	6508924.61	90.0	6.7	11106.7	0.0
206120	Trav	346337.03	6508974.61	353067.39	6508974.61	90.0	6.7	11113.4	0.0
206130	Trav	346336.29	6509024.61	353066.68	6509024.61	90.0	6.7	11120.2	0.0
206140	Trav	346335.55	6509074.61	353065.97	6509074.61	90.0	6.7	11126.9	0.0
206150	Trav	346334.82	6509124.61	353065.27	6509124.61	90.0	6.7	11133.6	0.0
206160	Trav	346334.08	6509174.61	353064.56	6509174.61	90.0	6.7	11140.4	0.0
206170	Trav	346333.34	6509224.61	353063.85	6509224.61	90.0	6.7	11147.1	0.0
206180	Trav	346332.60	6509274.61	353063.14	6509274.61	90.0	6.7	11153.8	0.0
206190	Trav	346331.86	6509324.61	353062.44	6509324.61	90.0	6.7	11160.6	0.0
206200	Trav	346331.12	6509374.61	353061.73	6509374.61	90.0	6.7	11167.3	0.0
206210	Trav	346330.38	6509424.61	353061.02	6509424.61	90.0	6.7	11174.0	0.0
206220	Trav	346329.64	6509474.61	353060.31	6509474.61	90.0	6.7	11180.8	0.0
206230	Trav	346328.90	6509524.61	353059.61	6509524.61	90.0	6.7	11187.5	0.0
206240	Trav	346328.16	6509574.61	353058.90	6509574.61	90.0	6.7	11194.2	0.0
206250	Trav	346327.42	6509624.61	353058.19	6509624.61	90.0	6.7	11200.9	0.0
206260	Trav	346326.68	6509674.61	353057.48	6509674.61	90.0	6.7	11207.7	0.0
206270	Trav	346325.95	6509724.61	353056.78	6509724.61	90.0	6.7	11214.4	0.0
206280	Trav	346325.21	6509774.61	353056.07	6509774.61	90.0	6.7	11221.1	0.0
206290	Trav	346324.47	6509824.61	353055.36	6509824.61	90.0	6.7	11227.9	0.0
206300	Trav	346323.73	6509874.61	353054.65	6509874.61	90.0	6.7	11234.6	0.0
206310	Trav	346322.99	6509924.61	353053.94	6509924.61	90.0	6.7	11241.3	0.0
206320	Trav	346322.25	6509974.61	353053.24	6509974.61	90.0	6.7	11248.1	0.0
206330	Trav	346321.51	6510024.61	353052.53	6510024.61	90.0	6.7	11254.8	0.0
206340	Trav	346320.77	6510074.61	353051.82	6510074.61	90.0	6.7	11261.5	0.0
206350	Trav	346320.03	6510124.61	353051.11	6510124.61	90.0	6.7	11268.3	0.0
206360	Trav	346319.29	6510174.61	353050.41	6510174.61	90.0	6.7	11275.0	0.0
206370	Trav	346318.55	6510224.61	353049.70	6510224.61	90.0	6.7	11281.7	0.0
206380	Trav	346317.82	6510274.61	353048.99	6510274.61	90.0	6.7	11288.4	0.0
206390	Trav	346317.08	6510324.61	353048.28	6510324.61	90.0	6.7	11295.2	0.0
206400	Trav	346316.34	6510374.61	353047.58	6510374.61	90.0	6.7	11301.9	0.0
206410	Trav	346315.60	6510424.61	353046.87	6510424.61	90.0	6.7	11308.6	0.0
206420	Trav	346314.86	6510474.61	351501.61	6510474.61	90.0	5.2	11313.8	0.0
206430	Trav	346314.12	6510524.61	351501.61	6510524.61	90.0	5.2	11319.0	0.0
206440	Trav	346313.38	6510574.61	351501.61	6510574.61	90.0	5.2	11324.2	0.0
206450	Trav	346312.64	6510624.61	351501.61	6510624.61	90.0	5.2	11329.4	0.0
206460	Trav	346311.90	6510674.61	351501.61	6510674.61	90.0	5.2	11334.6	0.0
206470	Trav	346311.16	6510724.61	351501.61	6510724.61	90.0	5.2	11339.8	0.0
206480	Trav	346310.42	6510774.61	351501.61	6510774.61	90.0	5.2	11345.0	0.0
206490	Trav	346309.68	6510824.61	351501.61	6510824.61	90.0	5.2	11350.2	0.0
206500	Trav	346308.95	6510874.61	351501.61	6510874.61	90.0	5.2	11355.4	0.0



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Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
206510	Trav	346308.21	6510924.61	351501.61	6510924.61	90.0	5.2	11360.5	0.0
206520	Trav	346307.47	6510974.61	351501.61	6510974.61	90.0	5.2	11365.7	0.0
206530	Trav	346306.73	6511024.61	351501.61	6511024.61	90.0	5.2	11370.9	0.0
206540	Trav	346305.99	6511074.61	351501.61	6511074.61	90.0	5.2	11376.1	0.0
206550	Trav	346305.25	6511124.61	351501.61	6511124.61	90.0	5.2	11381.3	0.0
206560	Trav	346304.51	6511174.61	351501.61	6511174.61	90.0	5.2	11386.5	0.0
206570	Trav	346303.77	6511224.61	351501.61	6511224.61	90.0	5.2	11391.7	0.0
206580	Trav	346303.03	6511274.61	351501.61	6511274.61	90.0	5.2	11396.9	0.0
206590	Trav	346302.29	6511324.61	351501.61	6511324.61	90.0	5.2	11402.1	0.0
206600	Trav	346301.55	6511374.61	351501.61	6511374.61	90.0	5.2	11407.3	0.0
206610	Trav	346300.82	6511424.61	351501.61	6511424.61	90.0	5.2	11412.5	0.0
206620	Trav	346300.08	6511474.61	351501.61	6511474.61	90.0	5.2	11417.7	0.0
206630	Trav	346299.34	6511524.61	351501.61	6511524.61	90.0	5.2	11422.9	0.0
206640	Trav	346298.60	6511574.61	351501.61	6511574.61	90.0	5.2	11428.1	0.0
206650	Trav	346297.86	6511624.61	351501.61	6511624.61	90.0	5.2	11433.3	0.0
206660	Trav	346297.12	6511674.61	351501.61	6511674.61	90.0	5.2	11438.5	0.0
206670	Trav	346296.38	6511724.61	351501.61	6511724.61	90.0	5.2	11443.7	0.0
206680	Trav	346295.64	6511774.61	351501.61	6511774.61	90.0	5.2	11448.9	0.0
206690	Trav	346294.90	6511824.61	351501.61	6511824.61	90.0	5.2	11454.2	0.0
206700	Trav	346294.16	6511874.61	351501.61	6511874.61	90.0	5.2	11459.4	0.0
206710	Trav	346293.42	6511924.61	351501.61	6511924.61	90.0	5.2	11464.6	0.0
206720	Trav	346292.68	6511974.61	351501.61	6511974.61	90.0	5.2	11469.8	0.0
206730	Trav	346291.95	6512024.61	351501.61	6512024.61	90.0	5.2	11475.0	0.0
206740	Trav	346291.21	6512074.61	351501.61	6512074.61	90.0	5.2	11480.2	0.0
206750	Trav	346290.47	6512124.61	351501.61	6512124.61	90.0	5.2	11485.4	0.0
206760	Trav	346289.73	6512174.61	351501.61	6512174.61	90.0	5.2	11490.6	0.0
206770	Trav	346293.21	6512224.61	351501.61	6512224.61	90.0	5.2	11495.8	0.0
290010	Tie	359475.05	6500914.25	359475.04	6486076.41	180.0	14.8	11495.8	14.8
290020	Tie	358975.04	6506817.30	358975.04	6486076.41	180.0	20.7	11495.8	35.6
290030	Tie	358475.04	6506817.30	358475.04	6486076.41	180.0	20.7	11495.8	56.3
290040	Tie	357975.04	6506817.30	357975.04	6486076.41	180.0	20.7	11495.8	77.1
290050	Tie	357475.04	6506817.30	357475.04	6486076.41	180.0	20.7	11495.8	97.8
290060	Tie	356975.04	6506817.30	356975.04	6486076.41	180.0	20.7	11495.8	118.5
290070	Tie	356475.04	6506817.30	356475.04	6486076.41	180.0	20.7	11495.8	139.3
290080	Tie	355975.04	6506817.30	355975.04	6486076.41	180.0	20.7	11495.8	160.0
290090	Tie	355475.04	6506817.30	355475.04	6486076.41	180.0	20.7	11495.8	180.8
290100	Tie	354975.05	6478633.00	354975.05	6506819.24	0.0	28.2	11495.8	209.0
290110	Tie	354475.04	6506817.30	354475.04	6478628.27	180.0	28.2	11495.8	237.1
290120	Tie	353975.04	6506817.30	353975.04	6478628.27	180.0	28.2	11495.8	265.3
290130	Tie	353475.04	6506817.30	353475.04	6478628.27	180.0	28.2	11495.8	293.5
290140	Tie	352975.04	6510471.88	352975.04	6478628.27	180.0	31.8	11495.8	325.4
290150	Tie	352475.04	6510471.88	352475.04	6478583.57	180.0	31.9	11495.8	357.3
290160	Tie	351975.04	6510471.88	351975.04	6478583.57	180.0	31.9	11495.8	389.1
290170	Tie	351475.04	6512272.62	351475.04	6478583.57	180.0	33.7	11495.8	422.8
290180	Tie	350975.04	6512272.62	350975.04	6478583.57	180.0	33.7	11495.8	456.5
290190	Tie	350475.04	6512272.62	350475.04	6478583.57	180.0	33.7	11495.8	490.2
290200	Tie	349975.04	6512272.62	349975.04	6478583.57	180.0	33.7	11495.8	523.9
290210	Tie	349475.04	6512272.62	349475.04	6478583.57	180.0	33.7	11495.8	557.6
290220	Tie	348975.04	6512272.62	348975.04	6478530.98	180.0	33.7	11495.8	591.3
290230	Tie	348475.04	6512272.62	348475.04	6478530.98	180.0	33.7	11495.8	625.1
290240	Tie	347975.04	6512272.62	347975.04	6478530.98	180.0	33.7	11495.8	658.8
290250	Tie	347475.04	6512272.62	347475.04	6478530.98	180.0	33.7	11495.8	692.6
290260	Tie	346975.04	6512272.62	346975.04	6478530.98	180.0	33.7	11495.8	726.3
290270	Tie	346475.04	6497369.34	346475.04	6478530.98	180.0	18.8	11495.8	745.1
290280	Tie	346427.22	6512272.62	346581.23	6497359.83	179.4	14.9	11495.8	760.0
290290	Tie	345975.04	6497369.34	345975.04	6478530.98	180.0	18.8	11495.8	778.9
290300	Tie	345475.04	6497369.34	345475.04	6478473.13	180.0	18.9	11495.8	797.8
290310	Tie	344975.04	6497369.34	344975.04	6478473.13	180.0	18.9	11495.8	816.7
290320	Tie	344475.04	6497369.34	344475.04	6478473.13	180.0	18.9	11495.8	835.6
290330	Tie	343975.04	6497369.34	343975.04	6478473.13	180.0	18.9	11495.8	854.5
290340	Tie	343475.04	6497369.34	343475.04	6478473.13	180.0	18.9	11495.8	873.4
290350	Tie	342975.04	6497369.34	342975.04	6478473.13	180.0	18.9	11495.8	892.3
290360	Tie	342475.04	6497369.34	342475.04	6478431.06	180.0	18.9	11495.8	911.2
290370	Tie	341975.04	6497369.34	341975.04	6478431.06	180.0	18.9	11495.8	930.1
290380	Tie	341475.04	6497369.34	341475.04	6478431.06	180.0	18.9	11495.8	949.1



F14082_Stansfield (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
290390	Tie	340975.04	6497369.34	340975.04	6478431.06	180.0	18.9	11495.8	968.0
290400	Tie	340475.04	6497369.34	340475.04	6478431.06	180.0	18.9	11495.8	987.0
290410	Tie	339975.04	6497327.07	339975.04	6478431.06	180.0	18.9	11495.8	1005.8
290420	Tie	339475.04	6497327.07	339475.04	6478431.06	180.0	18.9	11495.8	1024.7
290430	Tie	338975.04	6497327.07	338975.04	6478386.36	180.0	18.9	11495.8	1043.7
290440	Tie	338475.04	6497327.07	338475.04	6478386.36	180.0	18.9	11495.8	1062.6
290450	Tie	337975.04	6497327.07	337975.04	6478386.36	180.0	18.9	11495.8	1081.6
290460	Tie	337475.04	6497327.07	337475.04	6478386.36	180.0	18.9	11495.8	1100.5
290470	Tie	336975.04	6497327.07	336975.04	6478386.36	180.0	18.9	11495.8	1119.4
290480	Tie	336475.04	6497327.07	336475.04	6478386.36	180.0	18.9	11495.8	1138.4
290490	Tie	335975.04	6497327.07	335975.04	6478386.36	180.0	18.9	11495.8	1157.3
290500	Tie	335500.31	6497327.07	335811.27	6478386.36	179.1	18.9	11495.8	1176.3
290510	Tie	359373.05	6506817.30	359657.44	6486076.41	179.2	20.7	11495.8	1197.0



