

Fifth Element Resources Limited

Airborne Geophysical Survey Operations Report

Central West NSW



**Thomson Aviation Job
F14049**



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PART 1 - SPECIFICATIONS FOR AIRBORNE GEOPHYSICAL SURVEY

1.1 SURVEY DETAILS

Start Date	01/11/2014
End Date	14/11/2014
Time Base - Magnetics	20 Hz
Time Base - Radiometrics	2 Hz
Base Mag Locations	Forbes Airport
	Trangie
	Dubbo
Ground Cals Locations	Forbes Airport
	Trangie
	Dubbo
Test Line Locations	Forbes
	Trangie
	Mendooran
Block 1	Fairholme
Block 2	Mendooran
Block 3	Trangie
Block 4	Pine Hill
Total Processed Line Kilometers	14476.0



1.2 LOCATION MAP

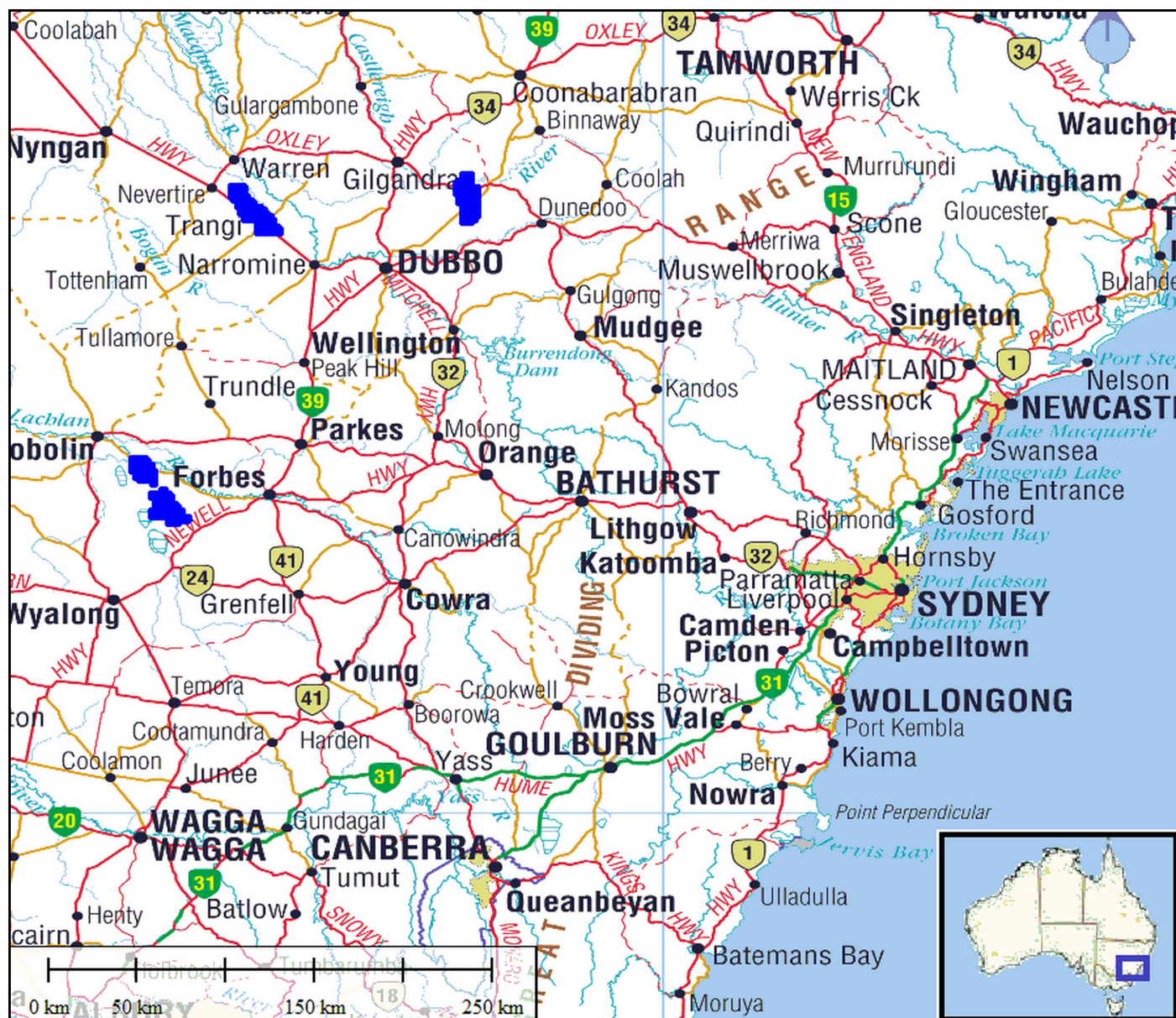


Figure 1 Central West Nsw



1.3 SURVEY SPECIFICATIONS

Fairholme	
Traverse line direction	45
Traverse line spacing	50 m
Tie line direction	135
Tie line spacing	500 m
Block Traverse Kilometers	2,432
Block Tie Kilometers	303
Block Total Kilometers	2,735

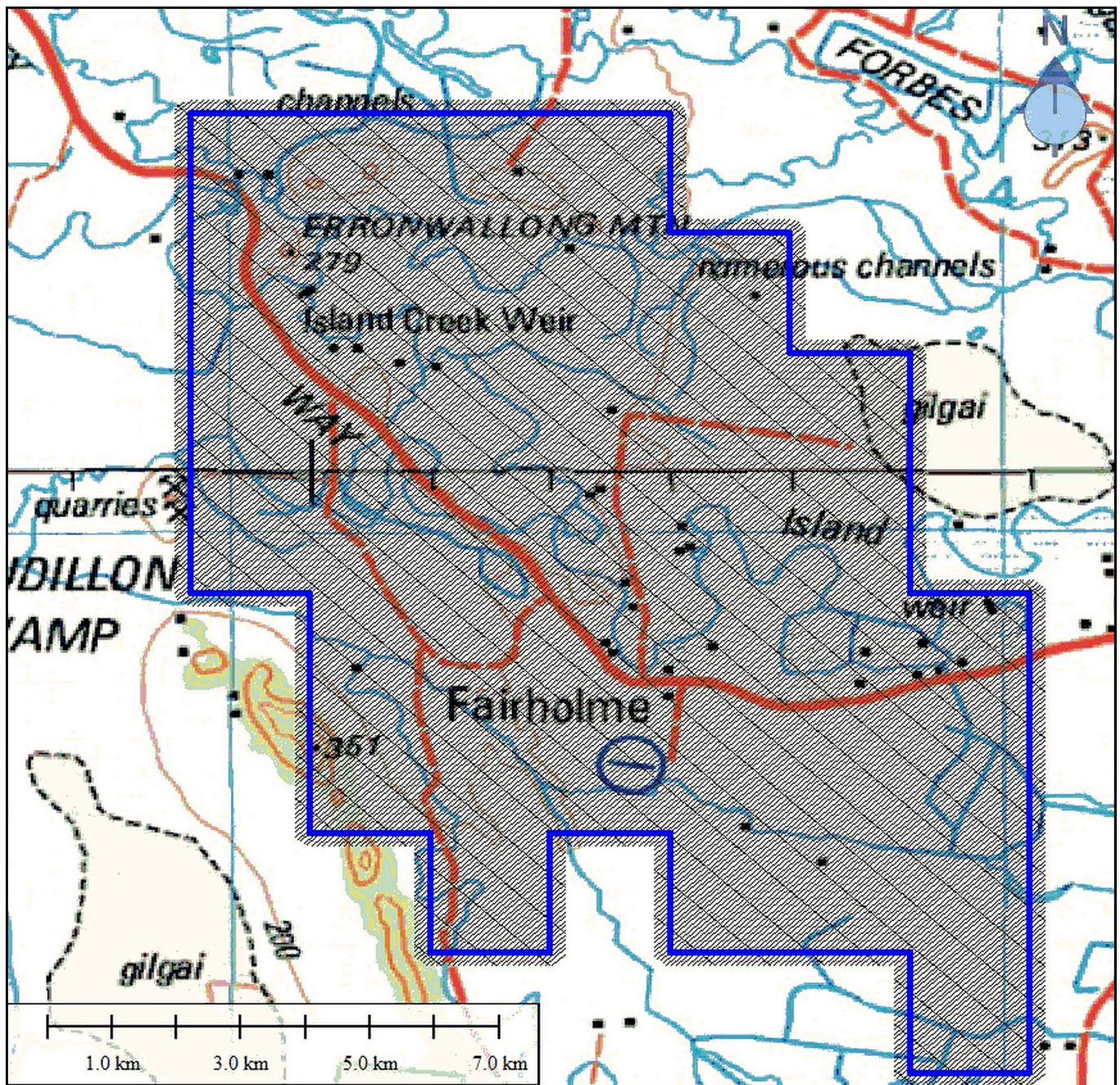


Figure 2 Fairholme

SURVEY SPECIFICATIONS (Cont)

Mendooran	
Traverse line direction	45
Traverse line spacing	100 m
Tie line direction	135
Tie line spacing	1000 m
Block Traverse Kilometers	2,361
Block Tie Kilometers	308
Block Total Kilometers	2,669

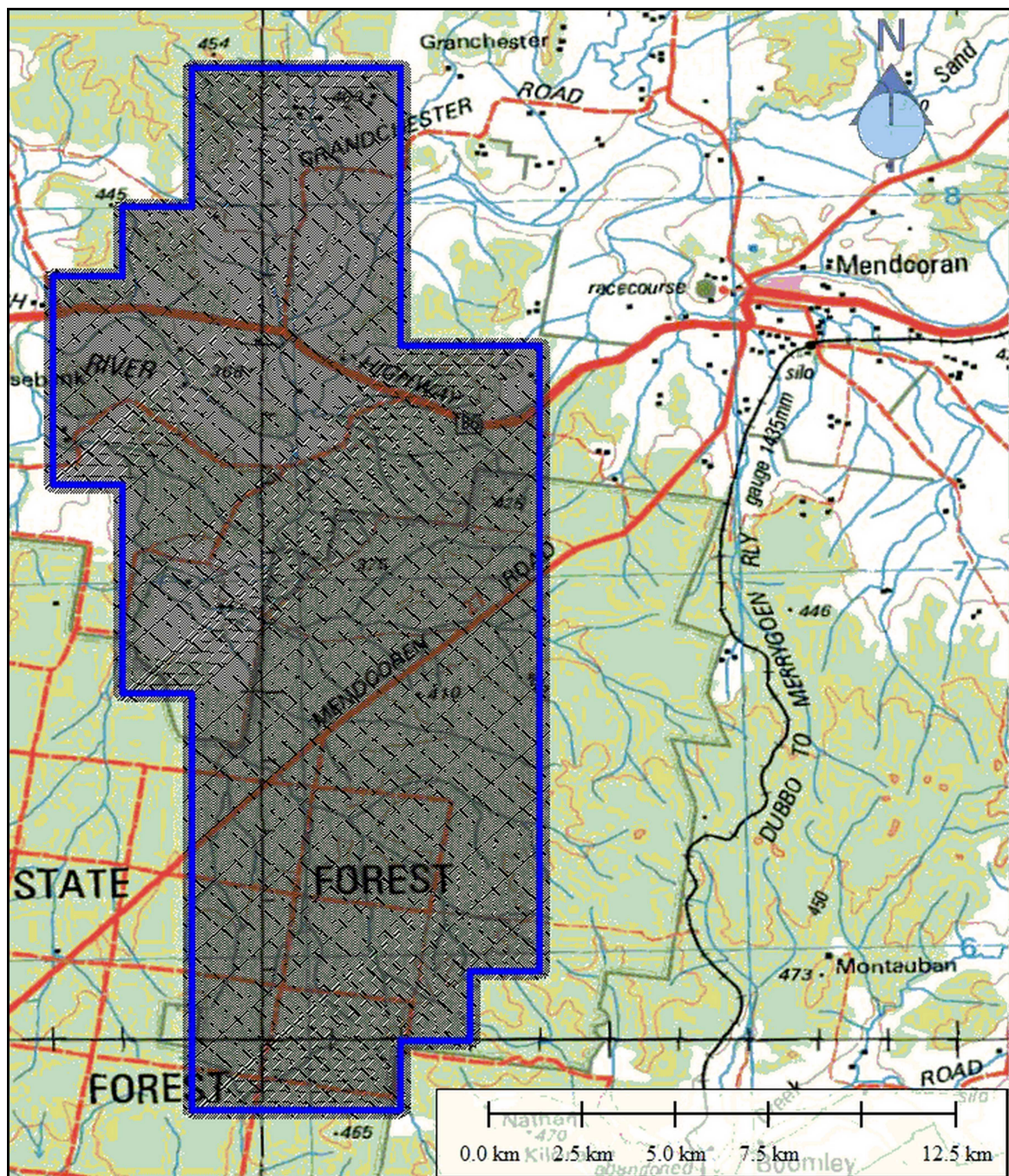


Figure 3 Mendooran



SURVEY SPECIFICATIONS (Cont)

Trangie	
Traverse line direction	45
Traverse line spacing	50 m
Tie line direction	135
Tie line spacing	500 m
Block Traverse Kilometers	4,816
Block Tie Kilometers	616
Block Total Kilometers	5,432

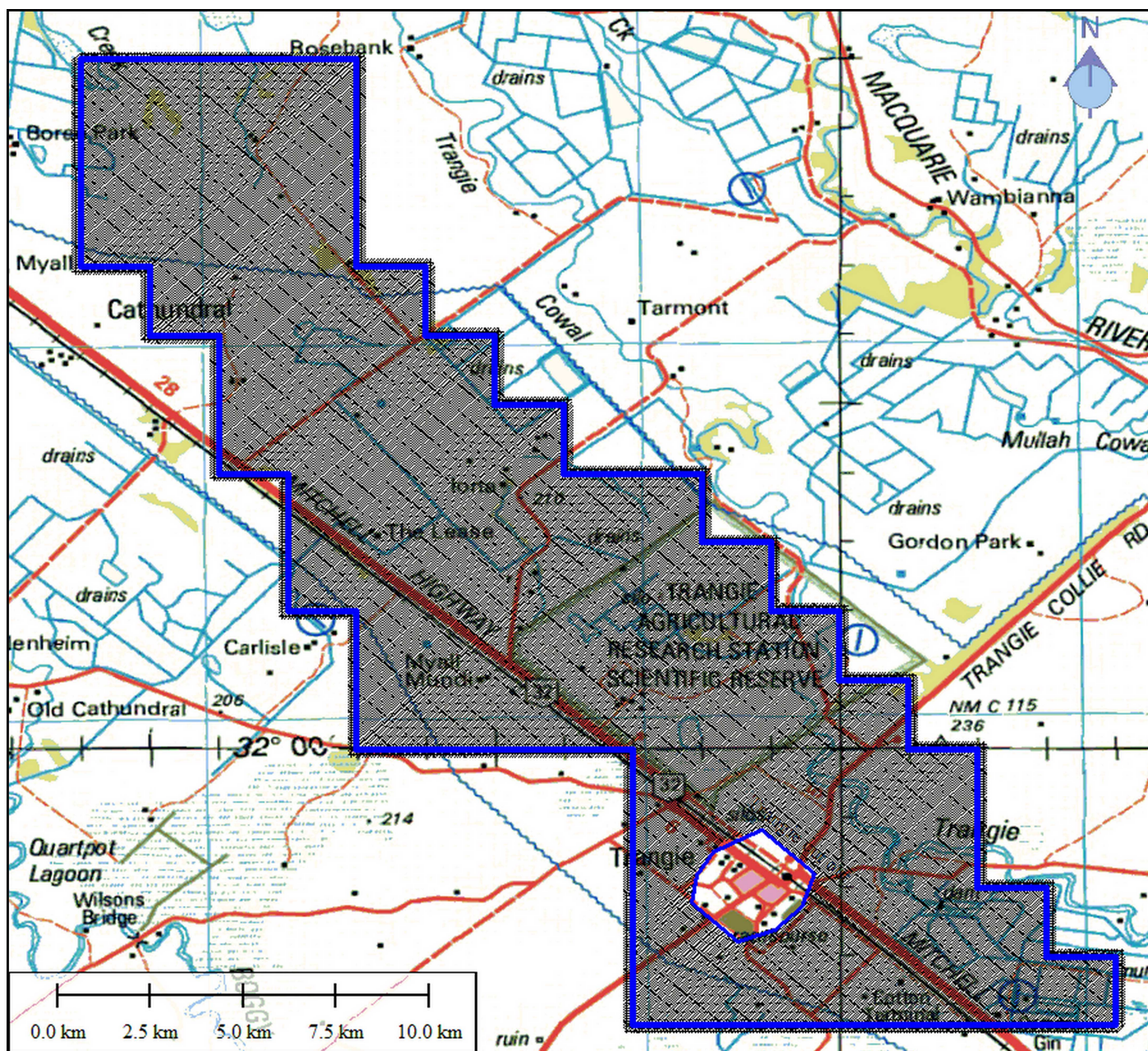


Figure 4 Trangie

SURVEY SPECIFICATIONS (Cont)

Pine Hill	
Traverse line direction	45
Traverse line spacing	50 m
Tie line direction	135
Tie line spacing	500 m
Block Traverse Kilometers	3,065
Block Tie Kilometers	407
Block Total Kilometers	3,472

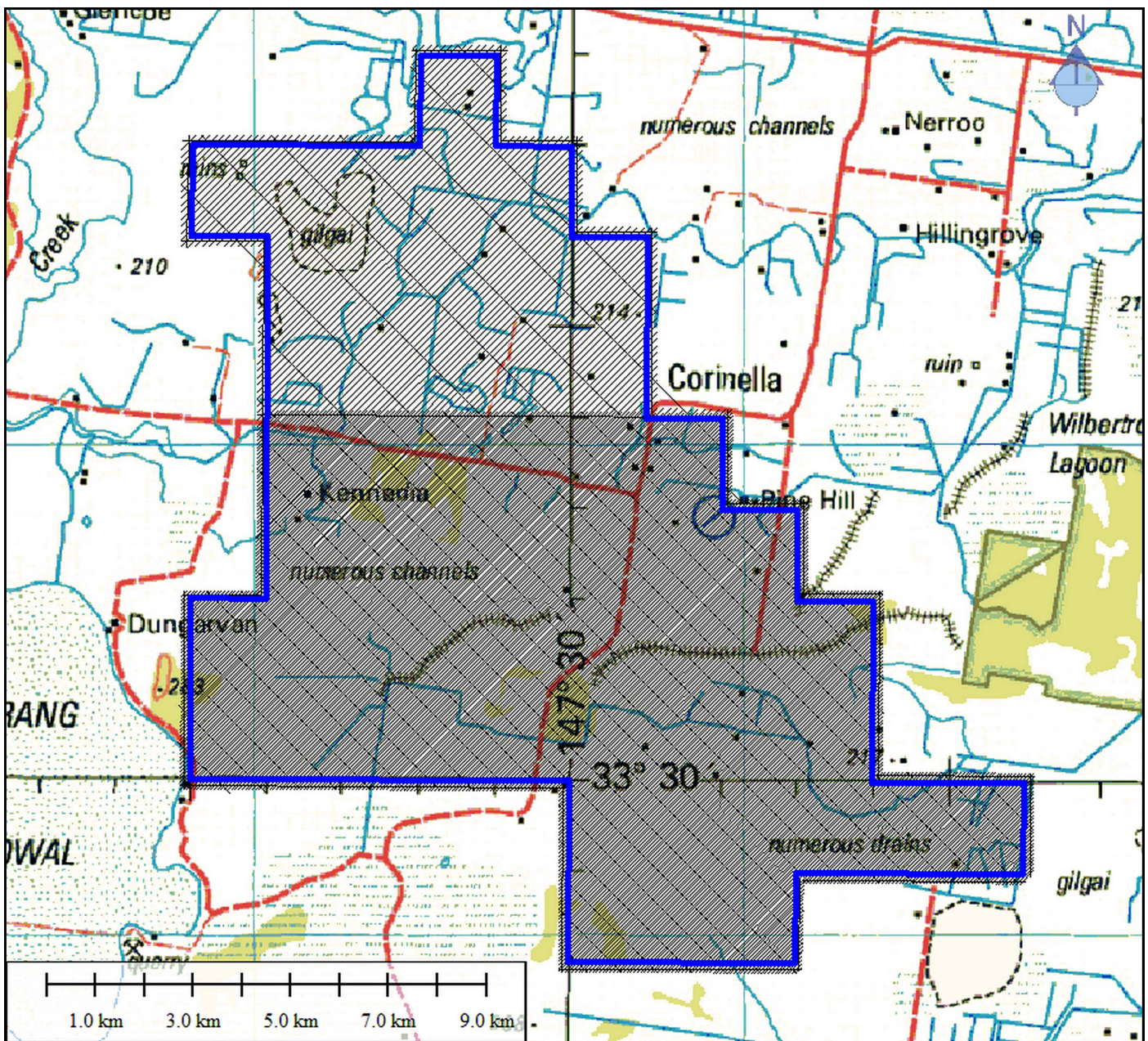


Figure 5 Pine Hill

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 6 Example Aircraft: Cessna 210



PART 3 - SURVEY INSTRUMENTATION

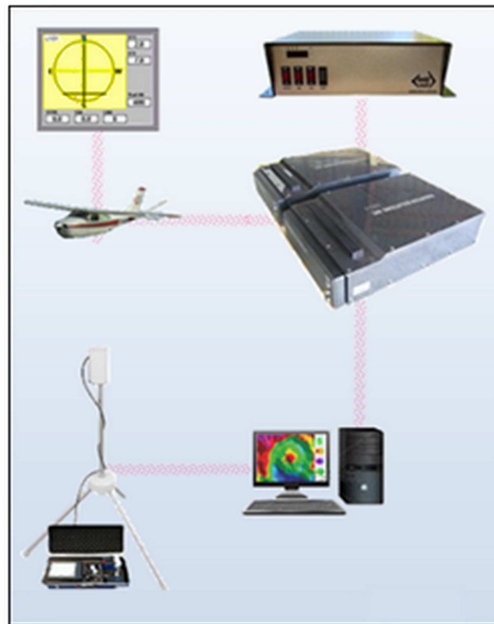


Figure 7 System Outline

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 8 G822A Magnetometer and Typical Stinger Mounts

3.2 RADAR ALTIMETER

Type: King KR 495B Radar Altimeter



Figure 9 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 10 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 11 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 12 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

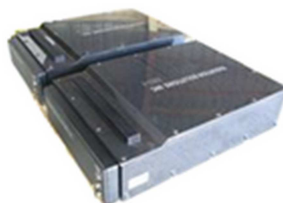


Figure 13 RS 400 Systems

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-leveilling.

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 0.1nT every 6 seconds.

During data acquisition, if the non-linear diurnal variation was greater than 5 nt in 5 minutes, or the deviation from a straight line chord of length 10 minutes exceeded 10 nT, the line was reflowed.



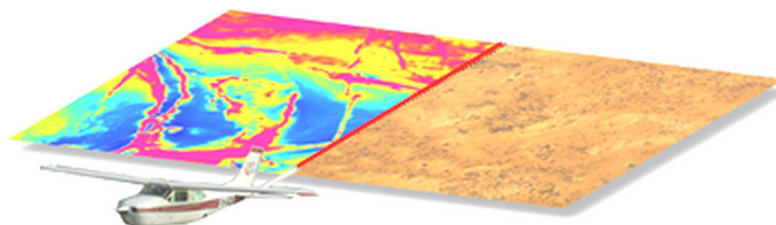
Figure 14 Setting up base station magnetometer



Figure 15 Magnetometer and Data Consol

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
10/11/2014		Pine Hill		VH-THS				Ferry from Griffith to Forbes.
11/11/2014	1	Pine Hill	W Makarainen	VH-THS				Flew comp box.
11/11/2014		Pine Hill		VH-THS				Flight aborted - diurnal out of spec.
11/11/2014		Pine Hill			0.5			Half-day standby - diurnal out of spec.
12/11/2014		Pine Hill			1.0			Full-day standby - diurnal out of spec.
13/11/2014		Pine Hill		VH-THS				Flight aborted - fuel smell in cabin.
13/11/2014		Pine Hill		VH-THS				Ferry from Forbes to Griffith for maintenance.
13/11/2014		Pine Hill				1.0		Maintenance on aircraft fuel system.
14/11/2014		Pine Hill		VH-THS				Ferry from Griffith to Forbes.
14/11/2014	2	Pine Hill	W Makarainen	VH-THS				Flew travs 1-39, 41-97, 99-116. Data OK and accepted. No afternoon testline was flown due to strong winds.
14/11/2014		Pine Hill			0.5			Half-day standby. Conditions unsuitable for survey - strong winds.
15/11/2014	3	Pine Hill	W Makarainen	VH-THS				Flew travs 117-206, 214-219, 221-225. Data OK and accepted.
15/11/2014	4	Pine Hill	W Makarainen	VH-THS				Flew travs 4, 98, 207-213, 226-240, 348, 350-404 and ties 1-11, 25-27. Data OK and accepted.
16/11/2014	5	Pine Hill	W Makarainen	VH-THS				Flew travs 317-349, ties 12-17, 19-24. Data OK and accepted. Flight cut short due to strong winds.
16/11/2014		Pine Hill			0.5			Half-day standby. Conditions unsuitable for survey - strong winds.
17/11/2014	6	Pine Hill	W Makarainen	VH-THS				Flew travs 217-346. Data OK and accepted.
17/11/2014	7	Fairholme Pine Hill	W Makarainen	VH-THS				Flew Pine Hill travs 297-315 and ties 18-50, Fairholme travs 1-68. Data OK and accepted.
18/11/2014	8	Fairholme	W Makarainen	VH-THS				Flew travs 69-165. Data OK and accepted.
18/11/2014	9	Fairholme	W Makarainen	VH-THS				Flew travs 166-259. Data OK and accepted.
19/11/2014	10	Fairholme	W Makarainen	VH-THS				Flew travs 186, 241-369 and ties 10-14. Data OK and accepted.
19/11/2014	11	Fairholme	W Makarainen	VH-THS				Flew ties 1-9, 15-41. Data OK and accepted. No afternoon testline was flown due to complaint from landholder.
21/01/2015		Trangie		VH-THS				Ferry to Trangie from Nymagee.
21/01/2015		Trangie			1.0			Full day standby - heavy rain/strong winds
22/01/2015	12	Trangie	W Makarainen	VH-THS				Flew comp box
22/01/2015	13	Trangie	W Makarainen	VH-THS				Flew travs 290-340 and tie 38. Diurnal out of spec on travs 323-325, lines will be reflowed.
22/01/2015	14	Trangie	W Makarainen	VH-THS				Flew travs 341-352 and ties 3-15, 37. Diurnal out of spec on trav 341, line will be reflowed.
23/01/2015	15	Trangie	W Makarainen	VH-THS				Flew travs 441-596. Data OK and accepted.
23/01/2015	16	Trangie	W Makarainen	VH-THS				Flew travs 1, 323-325, 341, 597-704 and ties 31-68. Data OK and accepted.
24/01/2015	17	Trangie	W Makarainen	VH-THS				Flew travs 2-67, 150-215. Diurnal out of spec on travs 63, 64, 52, 186, 175, 189. Lines will be reflowed.
24/01/2015	18	Trangie	W Makarainen	VH-THS				Flew travs 56-216. Data OK and accepted.



Daily Log								
Date	Flt Num	Block(s)	Operator(s)	Aircraft	SBY	MNT	SUS	Comments
25/01/2015	19	Trangie	W Makarainen	VH-THS				Flew travs 217-288 and ties 27-30. Data OK and accepted.
25/01/2015		Trangie		VH-THS				Ferry flight from Dubbo to Griffith
29/01/2015		Mendooran		VH-THS				Ferry from Griffith to Dubbo
29/01/2015	20	Trangie	W Makarainen	VH-THS				Flew travs 52, 63, 64, 149, 175, 186, 189 and ties 1-6, 8-26. Data OK and accepted.
29/01/2015	21	Mendooran	W Makarainen	VH-THS				Flew comp box
29/01/2015	22	Mendooran	W Makarainen	VH-THS				Flew travs 1-33. Data OK and accepted.
29/01/2015	23	Mendooran	W Makarainen	VH-THS				Flew travs 34-89 and 160-197. Travs 37, 42 will be reflown as diurnal was out of spec.
30/01/2015	24	Mendooran	W Makarainen	VH-THS				Flew travs, 37, 42, 90-111, 198-204, ties 18-21, 32, 33. Diurnal out of spec on travs 96, 98, 99, lines will be reflown.
30/01/2015	25	Mendooran	W Makarainen	VH-THS				Flew travs 96,98,99, 112-120, 205-229 and ties 1-7, 12-34. Data OK and accepted.
30/01/2015	26	Mendooran	W Makarainen	VH-THS				Flew travs 121-159, ties 8-11. Data OK and accepted.



APPENDIX B

CALIBRATION AND TEST LINE VARIATION TABLES



Av Normalized Th: 337.7 Min TH: 333.2 Max TH: 342.7 Standard Deviation: 3.2

Ground Cals - VH-THS - Forbes Airport																				
		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
14/11/2014	2	586430.11	6308010.65	233.6	7264.9	421.5	182.5	461.1	2297.9	268.8	67.7	125.7	4967.0	152.7	114.8	335.4	217.72	4.33	-0.7	0.0
14/11/2014	2	586430.83	6308009.78	233.4	7783.9	504.8	190.3	462.1	2841.4	354.7	70.7	126.1	4942.5	150.1	119.6	336.0	217.72	4.33	-0.5	1.1
15/11/2014	3	586428.83	6308009.40	233.8	8560.9	529.5	213.1	462.5	3638.1	373.6	96.9	127.3	4922.8	155.9	116.2	335.2	217.16	4.52	-0.7	1.8
15/11/2014	4	586430.59	6308010.40	233.1	8341.2	513.6	204.8	462.7	3451.9	363.0	86.5	127.4	4889.3	150.6	118.3	335.3	217.78	4.42	-0.7	0.5
16/11/2014	5	586430.54	6308010.86	227.8	8103.9	482.0	193.4	453.7	3200.7	337.2	77.1	120.5	4903.2	144.8	116.3	333.2	217.79	4.49	-1.3	0.5
16/11/2014	5	586430.49	6308012.34	227.8	8225.4	491.5	199.7	459.7	3227.3	339.9	79.9	119.6	4998.1	151.6	119.8	340.1	217.79	4.49	0.7	1.7
17/11/2014	6	586430.14	6308011.60	233.6	8273.6	493.2	204.3	454.7	3384.4	351.0	86.0	121.1	4889.2	142.2	118.3	333.6	217.54	4.40	-1.2	1.0
17/11/2014	7	586428.71	6308011.99	231.8	8221.2	500.2	196.7	459.8	3242.9	345.0	76.1	120.4	4978.3	155.2	120.6	339.4	217.83	4.49	0.5	1.9
18/11/2014	8	586429.60	6308011.24	228.7	8411.4	511.0	206.1	464.2	3394.6	354.5	87.0	121.5	5016.8	156.5	119.1	342.7	217.20	4.36	1.5	0.8
18/11/2014	9	586431.07	6308011.74	233.9	8317.1	510.0	199.9	463.6	3362.7	362.2	79.6	123.3	4954.4	147.8	120.3	340.3	217.74	4.44	0.8	1.5
19/11/2014	10	586431.27	6308011.04	232.8	8711.5	532.3	224.6	466.2	3756.6	381.8	106.3	125.0	4954.9	150.5	118.3	341.2	217.09	4.55	1.0	1.2
19/11/2014	11	586430.56	6308009.94	232.0	8406.2	509.3	205.0	469.4	3444.8	359.8	85.5	129.3	4961.4	149.5	119.5	340.1	217.79	4.36	0.7	0.8



Av Normalized Th: 341.8 Min TH: 336.6 Max TH: 345.0 Standard Deviation: 3.1

Ground Cals - VH-THS - Trangie																				
		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
22/01/2015	12	594637.77	6461244.95	215.9	8052.5	513.3	188.9	437.3	3160.6	364.2	74.1	100.7	4891.9	149.1	114.8	336.6	217.42	4.51	-1.5	0.0
22/01/2015	14	594638.18	6461244.94	216.8	8117.4	516.4	190.5	445.1	3137.1	368.2	72.3	100.8	4980.3	148.2	118.2	344.3	217.75	4.40	0.7	0.4
23/01/2015	15	594638.16	6461245.44	215.8	8154.3	521.7	190.4	440.6	3165.2	369.6	73.0	100.7	4989.1	152.1	117.4	339.9	217.46	4.49	-0.5	0.6
23/01/2015	16	594638.26	6461245.06	215.9	8249.4	527.9	196.5	444.8	3260.4	383.3	76.2	103.2	4989.0	144.6	120.3	341.6	217.70	4.42	0.0	0.5
24/01/2015	17	594637.81	6461244.84	215.9	8366.3	534.6	200.3	448.8	3312.6	376.9	80.1	103.8	5053.7	157.7	120.2	345.0	217.90	4.50	0.9	0.1
24/01/2015	17	594637.88	6461244.68	280.6	7156.1	374.3	187.3	447.3	2246.0	220.8	69.1	104.1	4910.1	153.5	118.2	343.2	217.90	4.50	0.4	0.3



Av Normalized Th: 339.7 Min TH: 331.4 Max TH: 346.1 Standard Deviation: 5.8

Ground Cals - VH-THS - Dubbo																				
		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
24/01/2015	18	647944.77	6434409.38	215.9	8366.3	534.6	200.3	405.9	3312.6	376.9	80.1	74.5	5053.7	157.7	120.2	331.4	217.90	4.50	-2.4	0.0
24/01/2015	18	647944.77	6434409.38	280.6	7156.1	374.3	187.3	405.9	2246.0	220.8	69.1	74.5	4910.1	153.5	118.2	331.4	217.90	4.50	-2.4	0.0
25/01/2015	19	647944.38	6434409.16	279.5	6951.1	356.8	170.2	413.2	1981.6	200.9	51.5	76.5	4969.5	155.9	118.7	336.7	217.78	4.45	-0.9	0.4
25/01/2015	19	647945.15	6434408.16	280.6	7079.3	358.8	179.6	417.5	2097.5	211.6	58.5	76.4	4981.8	147.2	121.1	341.1	217.78	4.45	0.4	1.3
29/01/2015	20	647943.75	6434409.78	280.8	7096.4	367.7	176.8	413.5	2075.8	208.1	59.0	71.1	5020.6	159.6	117.8	342.4	217.60	4.43	0.8	1.1
29/01/2015	23	647943.32	6434408.78	279.7	7018.8	360.1	171.6	417.8	2000.4	207.4	52.7	73.4	5018.4	152.7	118.9	344.4	217.86	4.39	1.4	1.6
30/01/2015	24	647943.42	6434409.03	280.3	7123.2	364.3	175.5	418.2	2085.6	210.2	59.1	72.1	5037.6	154.1	116.4	346.1	217.47	4.52	1.9	1.4
30/01/2015	26	647943.41	6434409.08	279.6	6736.5	351.9	166.3	418.4	2026.3	213.0	52.3	74.3	4710.2	138.9	114.0	344.1	217.78	4.50	1.3	1.4



Av Normalized Th: 93.6 Min TH: 92.0 Max TH: 96.9 Standard Deviation: 2.2

Test Lines - VH-THS - Forbes															
		801					802				Normalized				TH Chg
Date	Flt	TC	Pot	Ura	Tho	Flt	TC	Pot	Ura	Tho	TC	Pot	Ura	Tho	+/- 7%
14/11/2014	2	3039.7	295.1	87.5	96.9										
15/11/2014	3	2896.9	285.7	79.3	96.7	4	2795.8	284.4	72.5	97.0	101.1	1.3	6.8	96.9	3.5
16/11/2014	5	2604.0	261.5	64.7	92.8	5	2620.5	261.0	67.7	91.2	-16.5	0.5	-3.0	92.0	-1.7
17/11/2014	6	2656.4	266.4	69.9	91.9	7	2618.4	267.4	63.4	93.2	38.0	-1.0	6.5	92.6	-1.1
18/11/2014	8	2693.9	269.1	72.3	92.0	9	2648.3	273.5	65.6	93.9	45.6	-4.4	6.7	93.0	-0.7
19/11/2014	10	2977.7	286.3	87.9	93.1										



Av Normalized Th: 85.1 Min TH: 82.6 Max TH: 87.1 Standard Deviation: 2.0

Test Lines - VH-THS - Trangie															
		801					802				Normalized				TH Chg
Date	Flt	TC	Pot	Ura	Tho	Flt	TC	Pot	Ura	Tho	TC	Pot	Ura	Tho	+/- 7%
22/01/2015	13	2559.4	273.7	62.5	81.4	14	2572.6	283.8	59.6	83.7	-13.2	-10.1	2.9	82.6	-2.9
23/01/2015	15	2625.2	286.1	62.2	84.1	16	2692.0	291.2	64.6	87.6	-66.8	-5.1	-2.4	85.8	0.8
24/01/2015	17	2752.5	291.0	70.1	86.0	18	2681.1	292.1	62.6	88.2	71.4	-1.1	7.5	87.1	2.4
25/01/2015	19	2699.9	285.6	67.3	85.3	19	2747.0	292.9	69.7	88.0	-47.1	-7.3	-2.4	86.6	1.8
29/01/2015	20	2571.8	277.5	61.8	83.0	20	2593.5	281.0	63.3	83.6	-21.7	-3.5	-1.5	83.3	-2.1



Av Normalized Th: 47.1 Min TH: 47.1 Max TH: 47.1 Standard Deviation: 0.0

Test Lines - VH-THS - Mendooran															
		801					802				Normalized				TH Chg
Date	Flt	TC	Pot	Ura	Tho	Flt	TC	Pot	Ura	Tho	TC	Pot	Ura	Tho	+/- 7%
30/01/2015	24	1158.9	81.7	40.7	46.9	26	1129.3	82.0	39.8	47.3	29.6	-0.3	0.9	47.1	0.0



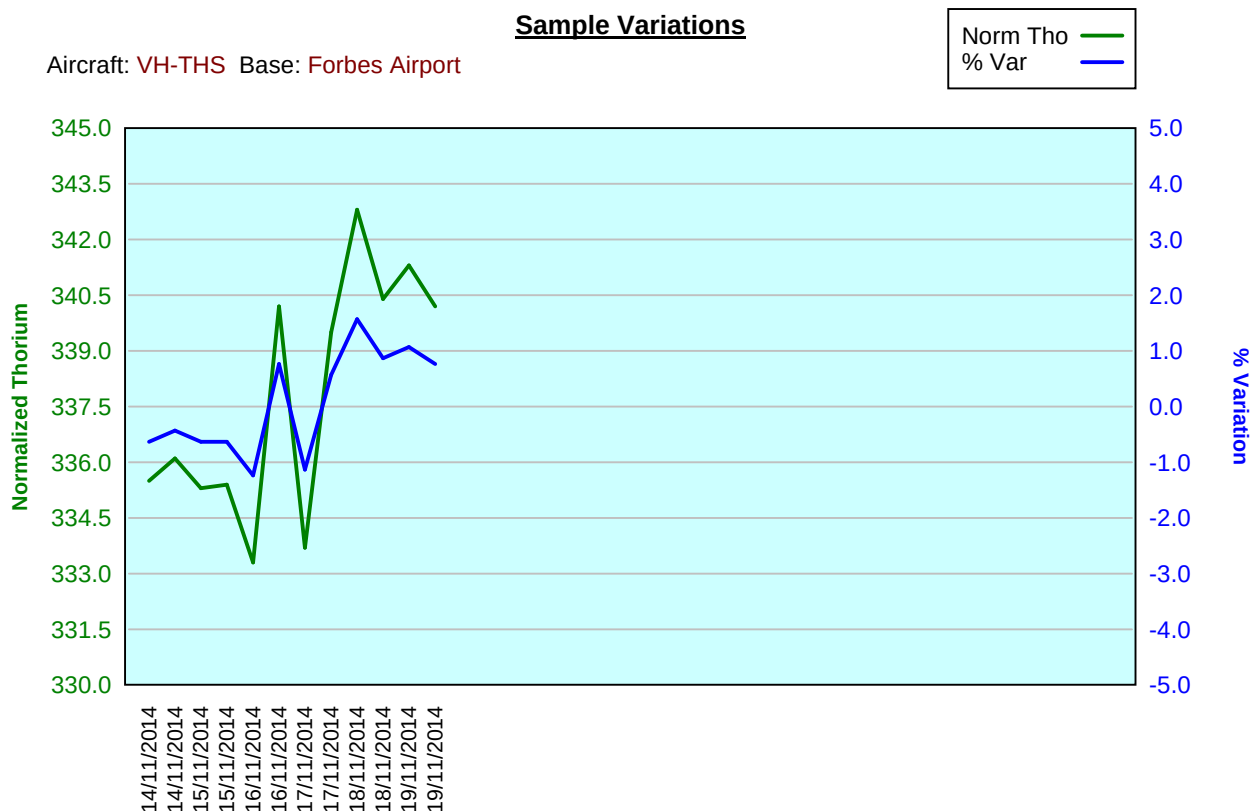
APPENDIX C

CALIBRATION AND TEST LINE VARIATION CHARTS



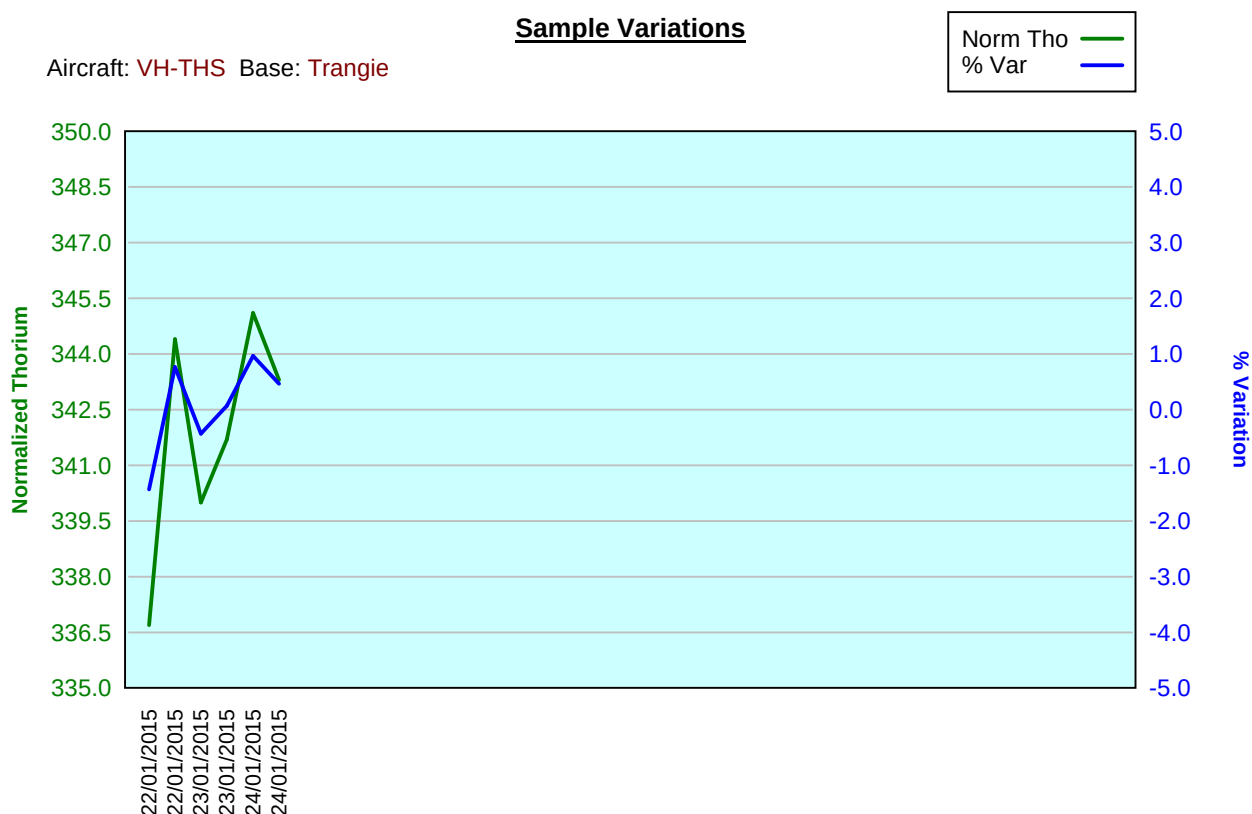
Sample Variations

Aircraft: VH-THS Base: Forbes Airport



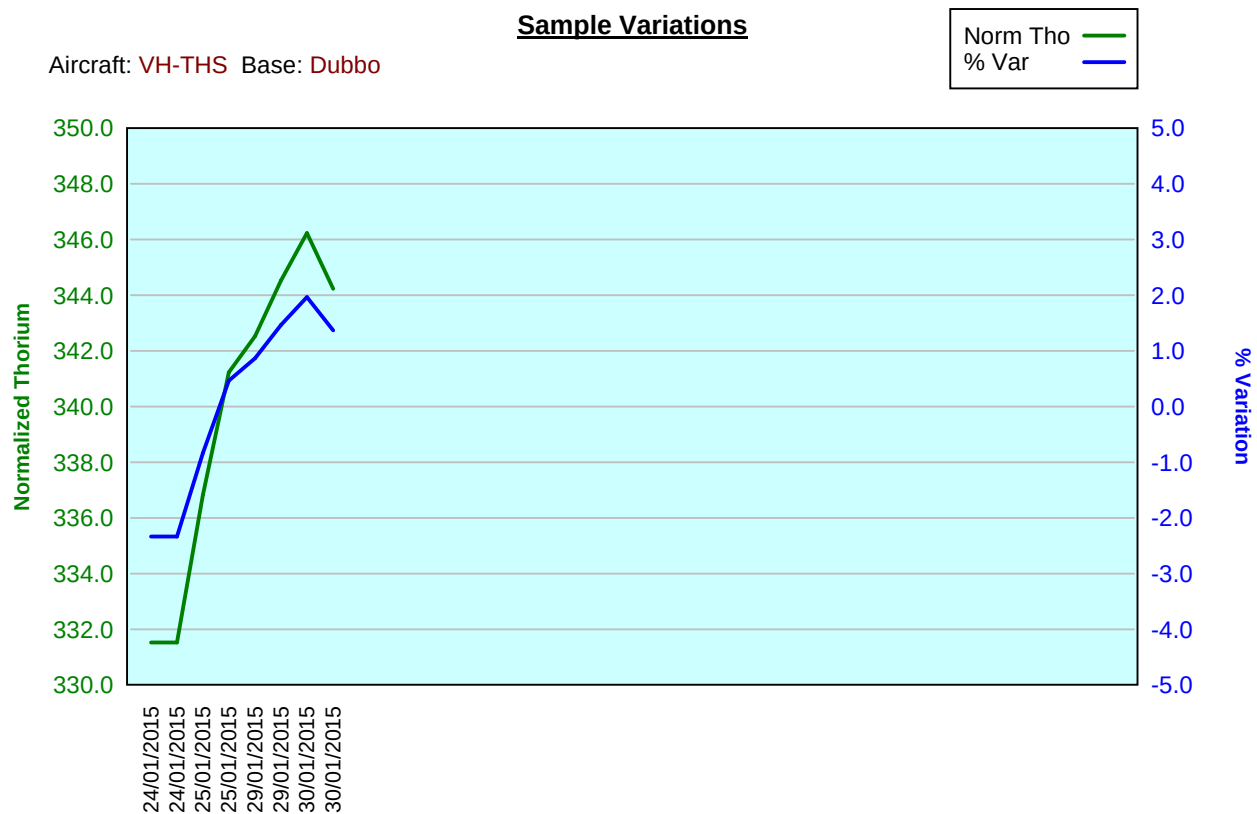
Sample Variations

Aircraft: VH-THS Base: Trangie



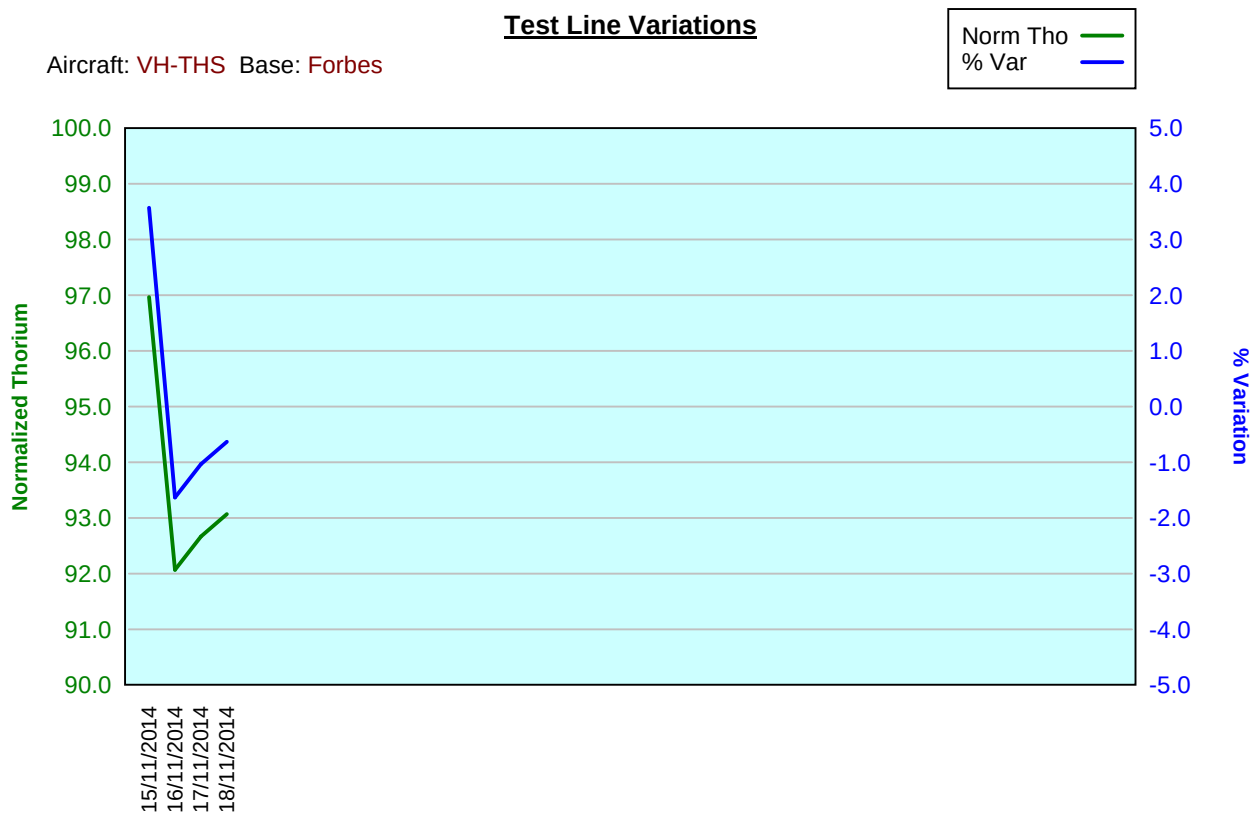
Sample Variations

Aircraft: **VH-THS** Base: **Dubbo**



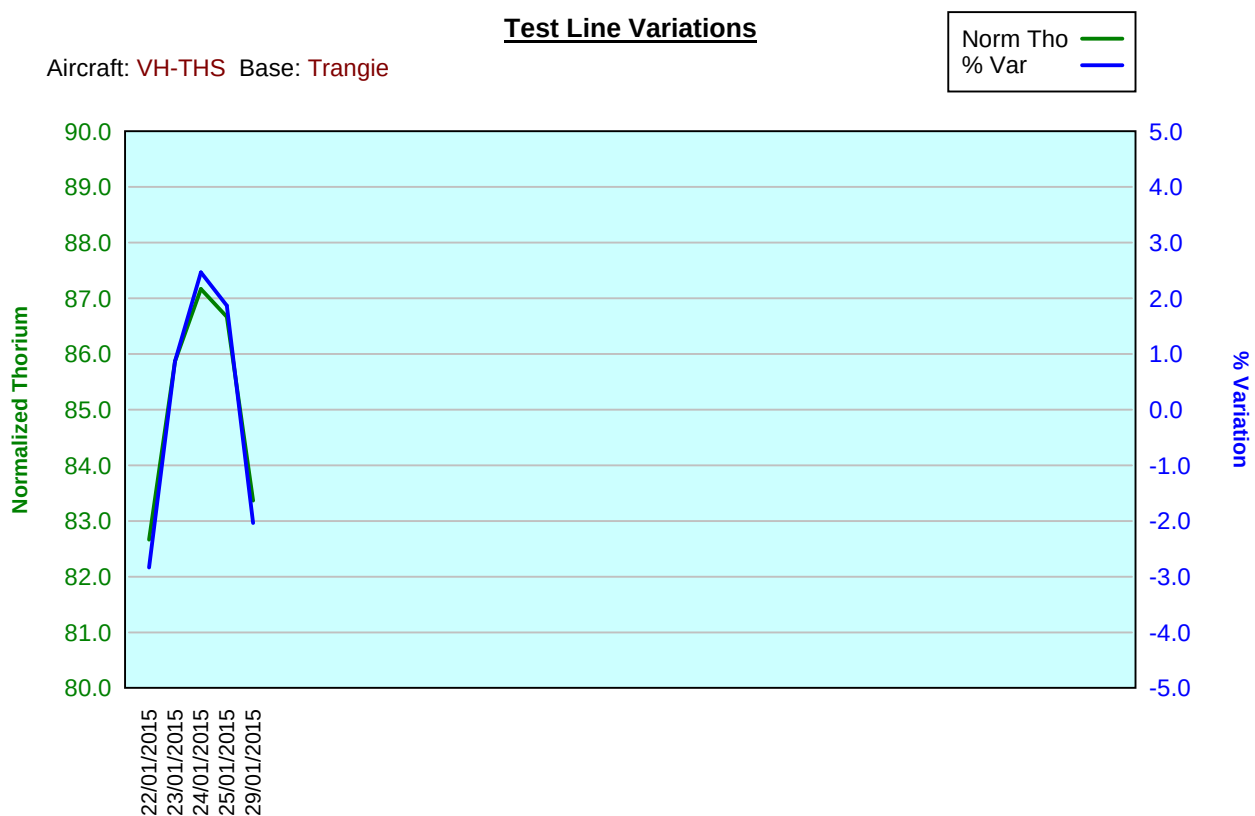
Test Line Variations

Aircraft: VH-THS Base: Forbes



Test Line Variations

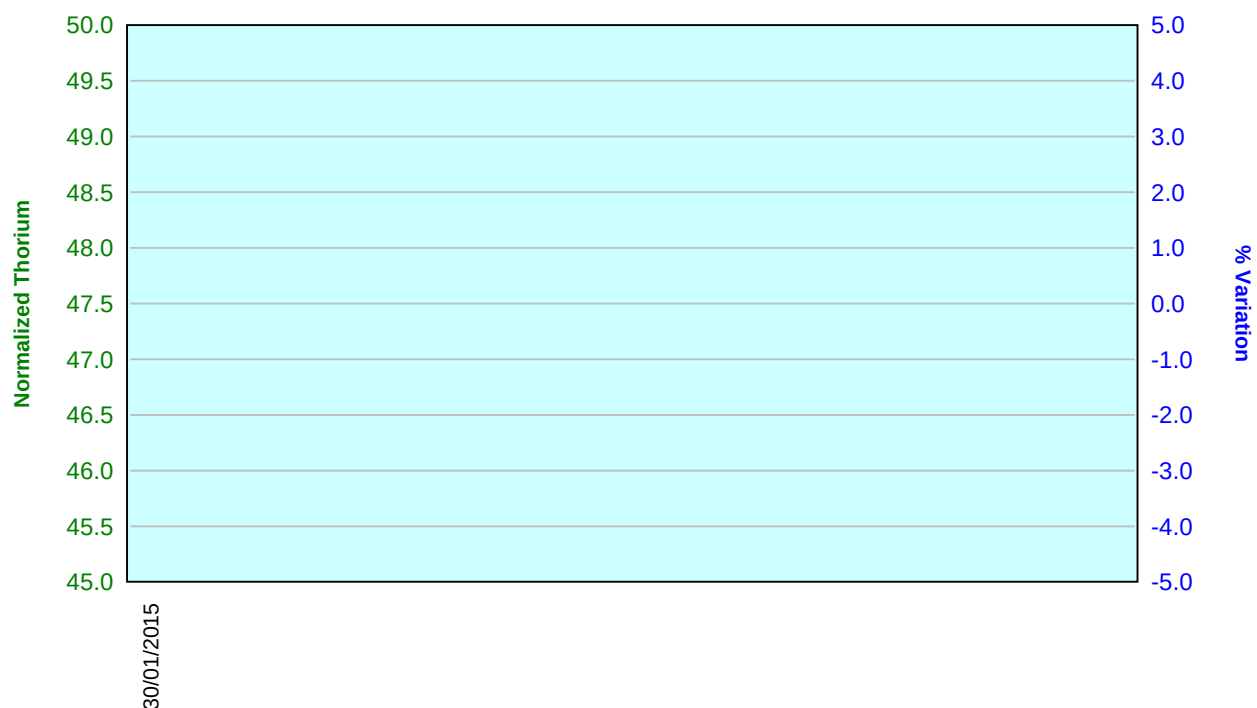
Aircraft: VH-THS Base: Trangie



Test Line Variations

Aircraft: **VH-THS** Base: **Mendooran**

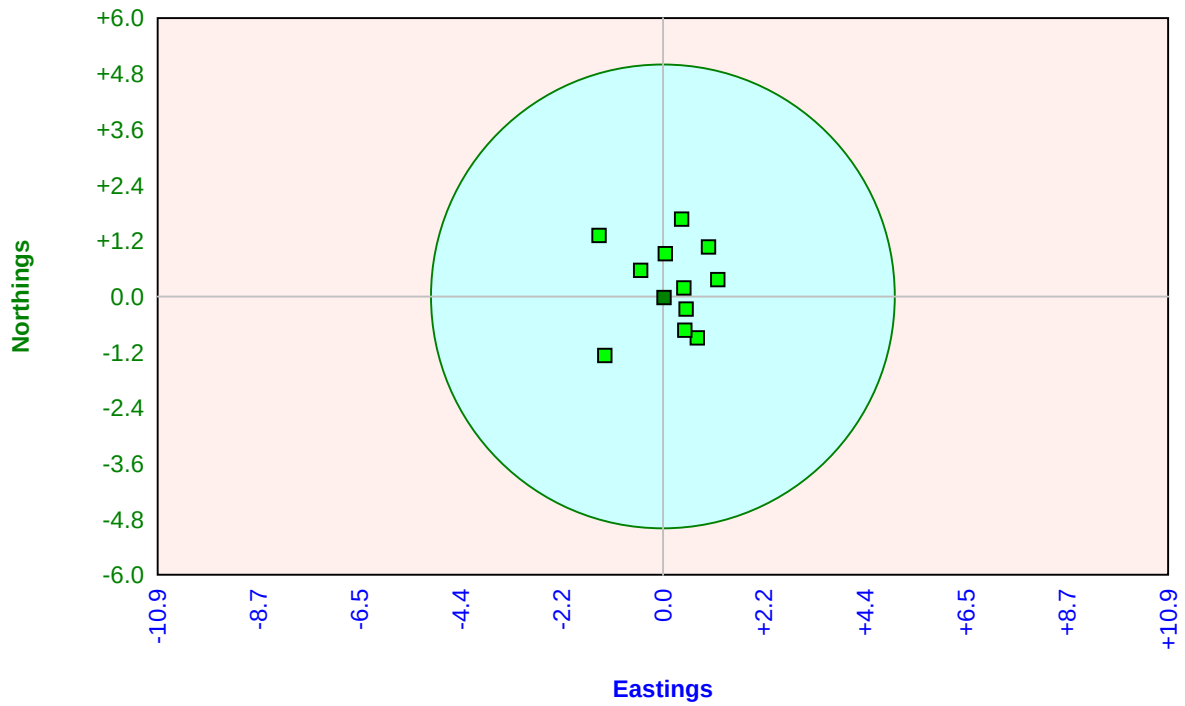
Norm Tho —
% Var —



Hand Sample Calibration Positions

Aircraft: VH-THS Base: Forbes Airport

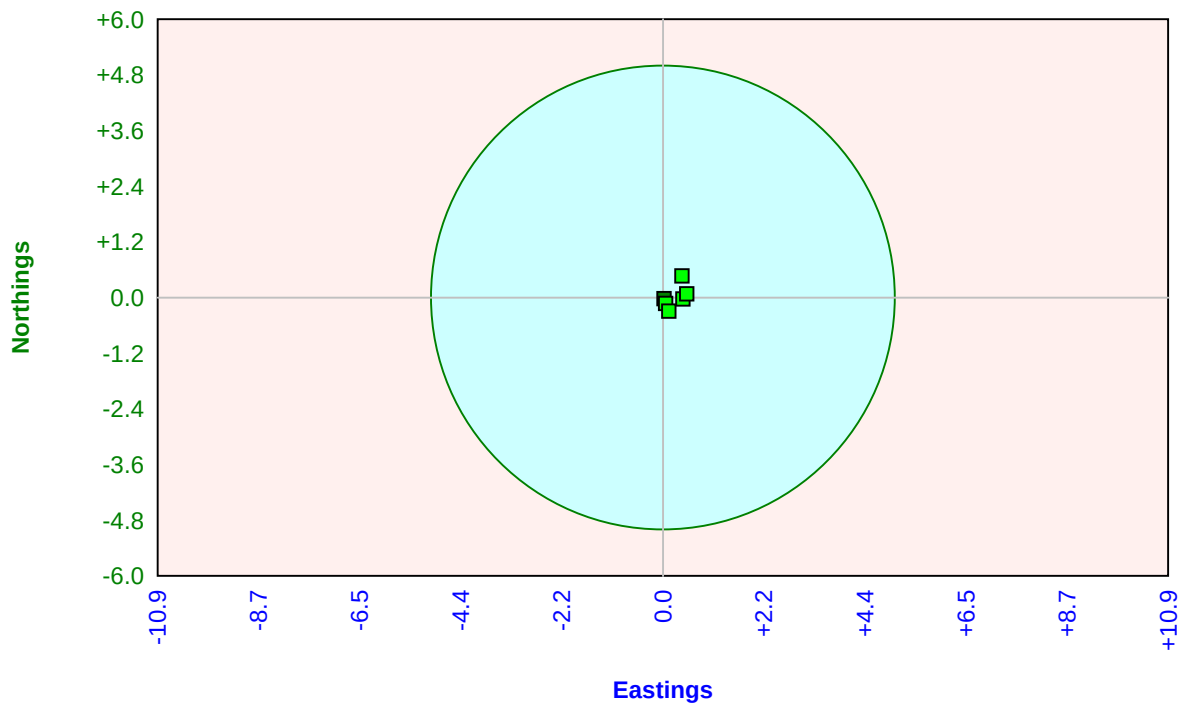
Normal ■
Error (>5) ■



Hand Sample Calibration Positions

Aircraft: VH-THS Base: Trangie

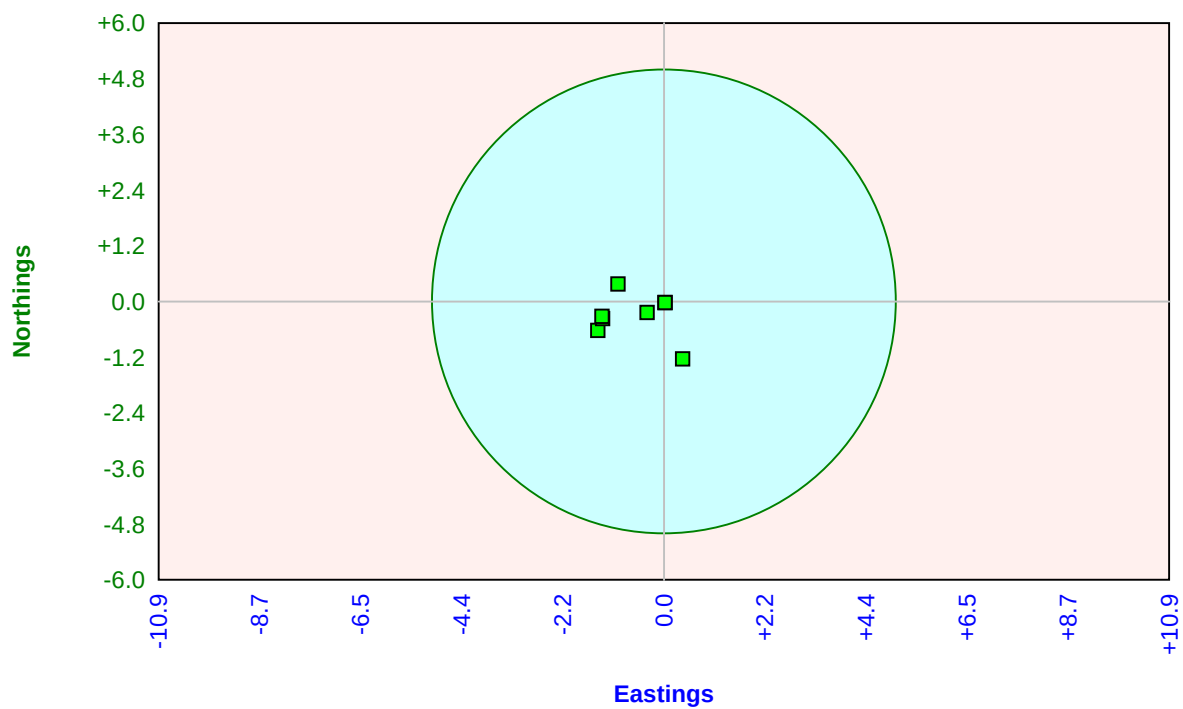
Normal ■
Error (>5) ■



Hand Sample Calibration Positions

Aircraft: VH-THS Base: Dubbo

Normal
Error (>5)



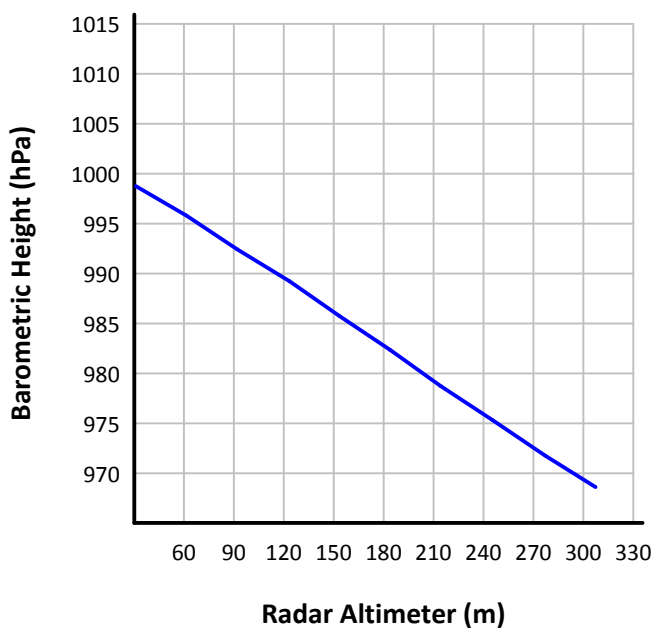
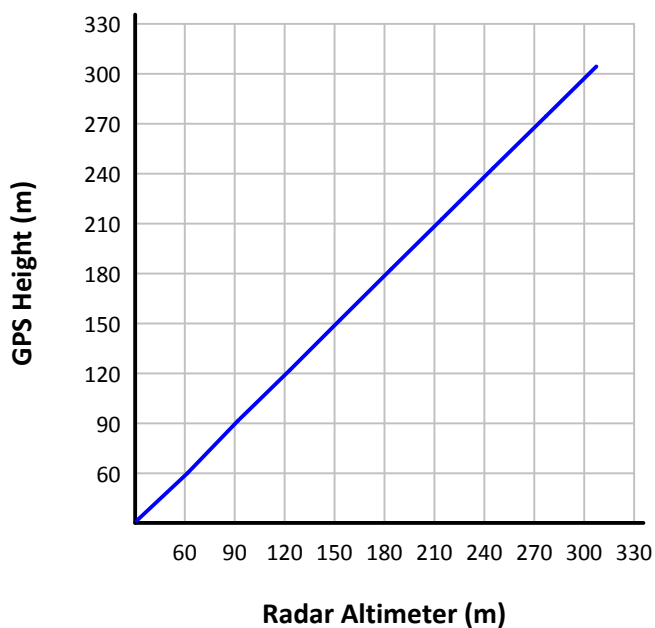
APPENDIX D

RADAR ALTIMETER AND BAROMETRIC ALTIMETER CHECKS



VH-THS

Radar Altimeter (m)	Barometric Height (hPa)	GPS Height (m)
31.03	998.77	31.46
61.47	995.82	60.00
91.83	992.43	91.40
123.36	989.23	122.33
153.19	985.77	152.11
184.12	982.33	182.63
214.54	978.72	212.63
245.26	975.34	243.27
277.13	971.74	274.69
307.46	968.6	304.49



Calibration flights for VH-THS were performed within the last 12 months



APPENDIX E

BOUNDARY COORDINATES



Fairholme, Datum: GDA 94, Zone: 55

Eastings	Northings
529514.82	6326496.02
535728.50	6326475.24
535721.73	6324627.49
537274.86	6324621.67
537267.79	6322773.92
538820.63	6322767.86
538805.89	6319072.33
540358.14	6319066.01
540327.45	6311674.90
538776.38	6311681.22
538783.76	6313529.01
535681.04	6313540.90
535687.83	6315388.68
534136.18	6315394.26
534129.68	6313546.48
532578.33	6313551.81
532584.52	6315399.58
531032.87	6315404.67
531044.67	6319100.19
529492.43	6319105.02



Mendooran, Datum: GDA 94, Zone: 55

Eastings	Northings
684569.42	6478228.89
686147.21	6478200.45
686180.66	6480048.25
687758.74	6480019.58
687826.15	6483715.19
692562.14	6483627.76
692423.86	6476236.41
695578.95	6476176.84
695261.74	6459545.91
693686.75	6459575.89
693651.71	6457728.00
692077.01	6457757.74
692042.24	6455909.85
687319.04	6455997.66
687522.31	6467084.79
685946.22	6467113.52
686046.79	6472657.00
684469.85	6472685.47



Trangie, Datum: GDA 94, Zone: 55

Eastings	Northings
577278.91	6477747.30
583587.61	6477697.93
583542.50	6472155.64
585118.84	6472142.68
585103.50	6470295.24
586679.55	6470282.03
586663.93	6468434.58
588239.70	6468421.13
588223.78	6466573.67
591374.76	6466546.03
591358.27	6464698.56
592933.48	6464684.37
592916.70	6462836.89
594491.63	6462822.46
594474.55	6460974.96
596049.20	6460960.29
596031.83	6459112.79
597606.19	6459097.86
597570.86	6455402.83
599144.66	6455387.66
599126.70	6453540.13
600700.21	6453524.71
600681.96	6451677.18
589669.40	6451780.08
589734.39	6459170.06
583437.01	6459223.46
583467.19	6462918.39
581892.28	6462931.13
581921.86	6466626.03
580346.39	6466638.52
580375.37	6470333.40
578799.33	6470345.63
578813.53	6472193.06
577237.21	6472205.05



Pine Hill, Datum: GDA 94, Zone: 55

Eastings	Northings
538717.20	6296898.77
540265.90	6296892.43
540296.70	6304283.71
538746.82	6304290.04
538754.21	6306137.84
543404.76	6306118.11
543413.04	6307965.92
544963.52	6307958.85
544954.94	6306111.04
546505.13	6306103.72
546496.25	6304255.91
548046.14	6304248.34
548027.79	6300552.70
549577.09	6300544.88
549567.61	6298697.04
551116.62	6298688.97
551106.84	6296841.13
552655.55	6296832.81
552635.38	6293137.12
555731.63	6293119.71
555720.94	6291271.86
551077.47	6291297.59
551067.68	6289449.73
546425.11	6289473.23
546442.92	6293168.93
538702.37	6293203.11



APPENDIX F

LINE SPECIFICATIONS



Fairholme

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv	Cumul	Ti	Cumul
100010	Trav	540348.28	6311474.81	540527.35	6311653.87	45.0	0.3	0.3	0.0		
100020	Trav	540277.86	6311475.09	540527.64	6311724.87	45.0	0.4	0.6	0.0		
100030	Trav	540207.44	6311475.38	540527.94	6311795.88	45.0	0.5	1.1	0.0		
100040	Trav	540137.02	6311475.67	540528.23	6311866.88	45.0	0.6	1.6	0.0		
100050	Trav	540066.59	6311475.95	540528.53	6311937.89	45.0	0.7	2.3	0.0		
100060	Trav	539996.17	6311476.24	540528.82	6312008.89	45.0	0.8	3.0	0.0		
100070	Trav	539925.75	6311476.53	540529.12	6312079.90	45.0	0.9	3.9	0.0		
100080	Trav	539855.32	6311476.82	540529.41	6312150.90	45.0	1.0	4.8	0.0		
100090	Trav	539784.90	6311477.10	540529.71	6312221.91	45.0	1.1	5.9	0.0		
100100	Trav	539714.48	6311477.39	540530.00	6312292.91	45.0	1.2	7.0	0.0		
100110	Trav	539644.05	6311477.68	540530.30	6312363.92	45.0	1.3	8.3	0.0		
100120	Trav	539573.63	6311477.96	540530.59	6312434.92	45.0	1.4	9.6	0.0		
100130	Trav	539503.21	6311478.25	540530.89	6312505.93	45.0	1.5	11.1	0.0		
100140	Trav	539432.78	6311478.54	540531.18	6312576.94	45.0	1.6	12.6	0.0		
100150	Trav	539362.35	6311478.82	540531.48	6312647.95	45.0	1.7	14.3	0.0		
100160	Trav	539291.93	6311479.11	540531.77	6312718.95	45.0	1.8	16.1	0.0		
100170	Trav	539221.51	6311479.40	540532.07	6312789.96	45.0	1.9	17.9	0.0		
100180	Trav	539151.08	6311479.68	540532.36	6312860.96	45.0	2.0	19.9	0.0		
100190	Trav	539080.66	6311479.97	540532.66	6312931.97	45.0	2.1	21.9	0.0		
100200	Trav	539010.24	6311480.26	540532.95	6313002.97	45.0	2.2	24.1	0.0		
100210	Trav	538939.81	6311480.55	540533.25	6313073.98	45.0	2.3	26.3	0.0		
100220	Trav	538869.39	6311480.83	540533.54	6313144.98	45.0	2.4	28.7	0.0		
100230	Trav	538798.97	6311481.12	540533.83	6313215.98	45.0	2.5	31.1	0.0		
100240	Trav	538728.54	6311481.41	540534.13	6313286.99	45.0	2.6	33.7	0.0		
100250	Trav	538658.12	6311481.69	540534.42	6313357.99	45.0	2.7	36.3	0.0		
100260	Trav	538587.70	6311481.98	540534.72	6313429.00	45.0	2.8	39.1	0.0		
100270	Trav	538517.28	6311540.79	540535.01	6313500.00	45.0	2.8	41.9	0.0		
100280	Trav	538576.09	6311611.79	540535.31	6313571.01	45.0	2.8	44.6	0.0		
100290	Trav	538576.37	6311682.79	540535.60	6313642.02	45.0	2.8	47.4	0.0		
100300	Trav	538576.66	6311753.79	540535.90	6313713.03	45.0	2.8	50.2	0.0		
100310	Trav	538576.94	6311824.78	540536.19	6313784.03	45.0	2.8	52.9	0.0		
100320	Trav	538577.22	6311895.77	540536.49	6313855.04	45.0	2.8	55.7	0.0		
100330	Trav	538577.51	6311966.77	540536.78	6313926.04	45.0	2.8	58.5	0.0		
100340	Trav	538577.79	6312037.76	540537.08	6313997.05	45.0	2.8	61.3	0.0		
100350	Trav	538578.07	6312108.75	540537.37	6314068.05	45.0	2.8	64.0	0.0		
100360	Trav	538578.36	6312179.75	540537.67	6314139.06	45.0	2.8	66.8	0.0		
100370	Trav	538578.64	6312250.74	540537.96	6314210.06	45.0	2.8	69.6	0.0		
100380	Trav	538578.92	6312321.73	540538.26	6314281.07	45.0	2.8	72.3	0.0		
100390	Trav	538579.21	6312392.73	540538.55	6314352.07	45.0	2.8	75.1	0.0		
100400	Trav	538579.49	6312463.72	540538.85	6314423.08	45.0	2.8	77.9	0.0		
100410	Trav	538579.77	6312534.71	540539.14	6314494.08	45.0	2.8	80.7	0.0		
100420	Trav	538580.06	6312605.71	540539.44	6314565.09	45.0	2.8	83.4	0.0		
100430	Trav	538580.34	6312676.70	540539.73	6314636.09	45.0	2.8	86.2	0.0		
100440	Trav	538580.63	6312747.71	540540.03	6314707.11	45.0	2.8	89.0	0.0		
100450	Trav	538580.91	6312818.70	540540.32	6314778.11	45.0	2.8	91.7	0.0		
100460	Trav	538581.19	6312889.69	540540.62	6314849.12	45.0	2.8	94.5	0.0		
100470	Trav	538581.48	6312960.69	540540.91	6314920.12	45.0	2.8	97.3	0.0		
100480	Trav	538581.76	6313031.68	540541.21	6314991.13	45.0	2.8	100.0	0.0		
100490	Trav	538582.04	6313102.67	540541.50	6315062.13	45.0	2.8	102.8	0.0		
100500	Trav	538582.33	6313173.67	540541.80	6315133.14	45.0	2.8	105.6	0.0		
100510	Trav	538582.61	6313244.66	540542.09	6315204.14	45.0	2.8	108.4	0.0		
100520	Trav	538582.89	6313315.65	540542.39	6315275.15	45.0	2.8	111.1	0.0		
100530	Trav	538582.56	6313329.98	540542.68	6315346.15	45.0	2.9	114.0	0.0		
100540	Trav	538456.06	6313330.25	540542.98	6315417.16	45.0	3.0	116.9	0.0		
100550	Trav	538385.62	6313330.52	540543.27	6315488.16	45.0	3.1	120.0	0.0		
100560	Trav	538315.18	6313330.79	540543.57	6315559.17	45.0	3.2	123.1	0.0		
100570	Trav	538244.74	6313331.06	540543.86	6315630.17	45.0	3.3	126.4	0.0		
100580	Trav	538174.30	6313331.33	540544.16	6315701.18	45.0	3.4	129.7	0.0		
100590	Trav	538103.86	6313331.60	540544.45	6315772.19	45.0	3.5	133.2	0.0		
100600	Trav	538033.41	6313331.87	540544.75	6315843.20	45.0	3.6	136.7	0.0		
100610	Trav	537962.97	6313332.14	540545.04	6315914.20	45.0	3.7	140.4	0.0		
100620	Trav	537892.53	6313332.41	540545.34	6315985.21	45.0	3.8	144.1	0.0		
100630	Trav	537822.09	6313332.68	540545.63	6316056.21	45.0	3.9	148.0	0.0		
100640	Trav	537751.65	6313332.95	540545.93	6316127.22	45.0	4.0	152.0	0.0		
100650	Trav	537681.21	6313333.22	540546.22	6316198.22	45.0	4.1	156.0	0.0		



Fairholme (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv	Cumul	Ti	Cumul
100660	Trav	537610.78	6313333.49	540546.52	6316269.23	45.0	4.2	160.2		0.0	
100670	Trav	537540.34	6313333.76	540546.81	6316340.23	45.0	4.3	164.4		0.0	
100680	Trav	537469.90	6313334.03	540547.11	6316411.24	45.0	4.4	168.8		0.0	
100690	Trav	537399.46	6313334.30	540547.40	6316482.24	45.0	4.5	173.2		0.0	
100700	Trav	537329.02	6313334.57	540547.70	6316553.25	45.0	4.6	177.8		0.0	
100710	Trav	537258.58	6313334.84	540547.99	6316624.25	45.0	4.7	182.4		0.0	
100720	Trav	537188.14	6313335.11	540548.29	6316695.26	45.0	4.8	187.2		0.0	
100730	Trav	537117.69	6313335.38	540548.58	6316766.27	45.0	4.9	192.0		0.0	
100740	Trav	537047.25	6313335.65	540548.88	6316837.28	45.0	5.0	197.0		0.0	
100750	Trav	536976.81	6313335.92	540549.17	6316908.28	45.0	5.1	202.0		0.0	
100760	Trav	536906.37	6313336.19	540549.47	6316979.29	45.0	5.2	207.2		0.0	
100770	Trav	536835.93	6313336.46	540549.76	6317050.29	45.0	5.3	212.4		0.0	
100780	Trav	536765.49	6313336.73	540550.06	6317121.30	45.0	5.4	217.8		0.0	
100790	Trav	536695.05	6313337.00	540550.35	6317192.30	45.0	5.5	223.2		0.0	
100800	Trav	536624.61	6313337.27	540550.65	6317263.31	45.0	5.6	228.8		0.0	
100810	Trav	536554.17	6313337.54	540550.94	6317334.31	45.0	5.7	234.4		0.0	
100820	Trav	536483.73	6313337.81	540551.24	6317405.32	45.0	5.8	240.2		0.0	
100830	Trav	536413.29	6313338.08	540551.53	6317476.32	45.0	5.9	246.0		0.0	
100840	Trav	536342.85	6313338.35	540551.83	6317547.33	45.0	6.0	252.0		0.0	
100850	Trav	536272.41	6313338.62	540552.12	6317618.33	45.0	6.1	258.0		0.0	
100860	Trav	536201.97	6313338.89	540552.41	6317689.33	45.0	6.2	264.2		0.0	
100870	Trav	536131.53	6313339.16	540552.71	6317760.34	45.0	6.3	270.4		0.0	
100880	Trav	536061.08	6313339.43	540553.00	6317831.35	45.0	6.4	276.8		0.0	
100890	Trav	535990.64	6313339.70	540553.30	6317902.36	45.0	6.5	283.3		0.0	
100900	Trav	535920.20	6313339.97	540553.59	6317973.36	45.0	6.6	289.8		0.0	
100910	Trav	535849.76	6313340.24	540553.89	6318044.37	45.0	6.7	296.5		0.0	
100920	Trav	535779.32	6313340.51	540554.18	6318115.37	45.0	6.8	303.2		0.0	
100930	Trav	535708.88	6313340.78	540554.48	6318186.38	45.0	6.9	310.1		0.0	
100940	Trav	535638.44	6313341.05	540554.77	6318257.38	45.0	7.0	317.0		0.0	
100950	Trav	535568.00	6313341.32	540555.07	6318328.39	45.0	7.1	324.1		0.0	
100960	Trav	535497.56	6313341.59	540555.36	6318399.39	45.0	7.2	331.2		0.0	
100970	Trav	535480.51	6313395.25	540555.66	6318470.40	45.0	7.2	338.4		0.0	
100980	Trav	535480.77	6313466.22	540555.95	6318541.40	45.0	7.2	345.6		0.0	
100990	Trav	535481.03	6313537.19	540556.25	6318612.41	45.0	7.2	352.8		0.0	
101000	Trav	535481.29	6313608.16	540556.54	6318683.41	45.0	7.2	359.9		0.0	
101010	Trav	535481.55	6313679.13	540556.84	6318754.42	45.0	7.2	367.1		0.0	
101020	Trav	535481.81	6313750.10	540557.13	6318825.42	45.0	7.2	374.3		0.0	
101030	Trav	535482.07	6313821.08	540557.43	6318896.44	45.0	7.2	381.5		0.0	
101040	Trav	535482.33	6313892.05	540557.72	6318967.44	45.0	7.2	388.6		0.0	
101050	Trav	535482.59	6313963.02	540558.02	6319038.45	45.0	7.2	395.8		0.0	
101060	Trav	535482.85	6314033.99	540558.31	6319109.45	45.0	7.2	403.0		0.0	
101070	Trav	535483.11	6314104.96	540558.61	6319180.46	45.0	7.2	410.2		0.0	
101080	Trav	535483.37	6314175.93	540558.90	6319251.46	45.0	7.2	417.4		0.0	
101090	Trav	535483.63	6314246.90	540559.20	6319322.46	45.0	7.1	424.5		0.0	
101100	Trav	535483.89	6314317.87	540431.71	6319265.69	45.0	7.0	431.4		0.0	
101110	Trav	535484.15	6314388.84	540361.28	6319265.98	45.0	6.9	438.3		0.0	
101120	Trav	535484.41	6314459.81	540290.86	6319266.26	45.0	6.8	445.1		0.0	
101130	Trav	534299.77	6313345.89	540220.44	6319266.55	45.0	8.4	453.5		0.0	
101140	Trav	534229.31	6313346.13	540150.02	6319266.84	45.0	8.4	461.9		0.0	
101150	Trav	534158.84	6313346.37	540079.59	6319267.12	45.0	8.4	470.3		0.0	
101160	Trav	534088.37	6313346.62	540009.17	6319267.41	45.0	8.4	478.6		0.0	
101170	Trav	534017.90	6313346.86	539938.75	6319267.70	45.0	8.4	487.0		0.0	
101180	Trav	533947.43	6313347.10	539868.32	6319267.99	45.0	8.4	495.4		0.0	
101190	Trav	533876.96	6313347.34	539797.89	6319268.27	45.0	8.4	503.8		0.0	
101200	Trav	533806.49	6313347.58	539727.47	6319268.56	45.0	8.4	512.1		0.0	
101210	Trav	533736.02	6313347.83	539657.05	6319268.85	45.0	8.4	520.5		0.0	
101220	Trav	533665.55	6313348.07	539586.62	6319269.14	45.0	8.4	528.9		0.0	
101230	Trav	533595.08	6313348.31	539516.20	6319269.42	45.0	8.4	537.3		0.0	
101240	Trav	533524.62	6313348.55	539445.78	6319269.71	45.0	8.4	545.6		0.0	
101250	Trav	533454.15	6313348.79	539375.35	6319270.00	45.0	8.4	554.0		0.0	
101260	Trav	533383.68	6313349.04	539304.93	6319270.28	45.0	8.4	562.4		0.0	
101270	Trav	533313.21	6313349.28	539234.51	6319270.57	45.0	8.4	570.7		0.0	
101280	Trav	533242.74	6313349.52	539164.09	6319270.86	45.0	8.4	579.1		0.0	
101290	Trav	533172.28	6313349.76	539093.66	6319271.15	45.0	8.4	587.5		0.0	
101300	Trav	533101.81	6313350.00	539023.24	6319271.43	45.0	8.4	595.9		0.0	



Fairholme (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv	Cumul	Ti	Cumul
101310	Trav	533031.34	6313350.25	539006.90	6319325.80	45.0	8.5	604.3		0.0	
101320	Trav	532960.87	6313350.49	539007.18	6319396.80	45.0	8.6	612.9		0.0	
101330	Trav	532890.39	6313350.73	539007.46	6319467.79	45.0	8.7	621.5		0.0	
101340	Trav	532819.93	6313350.97	539007.75	6319538.79	45.0	8.8	630.3		0.0	
101350	Trav	532749.46	6313351.21	539008.03	6319609.78	45.0	8.9	639.1		0.0	
101360	Trav	532678.99	6313351.46	539008.31	6319680.77	45.0	9.0	648.1		0.0	
101370	Trav	532608.52	6313351.70	539008.60	6319751.77	45.0	9.1	657.1		0.0	
101380	Trav	532538.05	6313351.94	539008.88	6319822.76	45.0	9.2	666.3		0.0	
101390	Trav	532467.58	6313352.18	539009.16	6319893.75	45.0	9.3	675.5		0.0	
101400	Trav	532397.12	6313352.42	539009.45	6319964.75	45.0	9.4	684.9		0.0	
101410	Trav	532377.82	6313403.84	539009.73	6320035.74	45.0	9.4	694.3		0.0	
101420	Trav	532378.06	6313474.79	539010.01	6320106.73	45.0	9.4	703.6		0.0	
101430	Trav	532378.30	6313545.74	539010.30	6320177.73	45.0	9.4	713.0		0.0	
101440	Trav	532378.54	6313616.69	539010.58	6320248.72	45.0	9.4	722.4		0.0	
101450	Trav	532378.77	6313687.63	539010.86	6320319.71	45.0	9.4	731.8		0.0	
101460	Trav	532379.01	6313758.58	539011.15	6320390.71	45.0	9.4	741.2		0.0	
101470	Trav	532379.25	6313829.53	539011.43	6320461.71	45.0	9.4	750.5		0.0	
101480	Trav	532379.49	6313900.49	539011.71	6320532.70	45.0	9.4	759.9		0.0	
101490	Trav	532379.72	6313971.43	539012.00	6320603.70	45.0	9.4	769.3		0.0	
101500	Trav	532379.96	6314042.38	539012.28	6320674.69	45.0	9.4	778.7		0.0	
101510	Trav	532380.20	6314113.33	539012.56	6320745.68	45.0	9.4	788.0		0.0	
101520	Trav	532380.44	6314184.28	539012.85	6320816.68	45.0	9.4	797.4		0.0	
101530	Trav	532380.67	6314255.22	539013.13	6320887.67	45.0	9.4	806.8		0.0	
101540	Trav	532380.91	6314326.17	539013.41	6320958.66	45.0	9.4	816.2		0.0	
101550	Trav	532381.15	6314397.12	539013.70	6321029.66	45.0	9.4	825.6		0.0	
101560	Trav	532381.39	6314468.07	539013.98	6321100.65	45.0	9.4	834.9		0.0	
101570	Trav	532381.62	6314539.01	539014.26	6321171.64	45.0	9.4	844.3		0.0	
101580	Trav	532381.86	6314609.96	539014.55	6321242.64	45.0	9.4	853.7		0.0	
101590	Trav	532382.10	6314680.91	539014.83	6321313.63	45.0	9.4	863.1		0.0	
101600	Trav	532382.34	6314751.86	539015.11	6321384.62	45.0	9.4	872.5		0.0	
101610	Trav	532382.58	6314822.81	539015.40	6321455.62	45.0	9.4	881.8		0.0	
101620	Trav	532382.81	6314893.75	539015.68	6321526.62	45.0	9.4	891.2		0.0	
101630	Trav	532383.05	6314964.71	539015.96	6321597.61	45.0	9.4	900.6		0.0	
101640	Trav	532383.29	6315035.66	539016.25	6321668.61	45.0	9.4	910.0		0.0	
101650	Trav	532383.53	6315106.61	539016.53	6321739.60	45.0	9.4	919.4		0.0	
101660	Trav	532383.76	6315177.55	539016.81	6321810.59	45.0	9.4	928.8		0.0	
101670	Trav	532335.90	6315200.40	539017.10	6321881.59	45.0	9.4	938.2		0.0	
101680	Trav	532265.42	6315200.63	539017.38	6321952.58	45.0	9.5	947.7		0.0	
101690	Trav	532194.94	6315200.86	539017.66	6322023.57	45.0	9.6	957.4		0.0	
101700	Trav	532124.46	6315201.09	539017.95	6322094.57	45.0	9.7	967.1		0.0	
101710	Trav	532053.98	6315201.32	539018.23	6322165.56	45.0	9.8	977.0		0.0	
101720	Trav	531983.50	6315201.55	539018.51	6322236.55	45.0	9.9	986.9		0.0	
101730	Trav	531913.02	6315201.78	539018.80	6322307.55	45.0	10.0	997.0		0.0	
101740	Trav	531842.55	6315202.01	539019.08	6322378.54	45.0	10.1	1007.1		0.0	
101750	Trav	531772.07	6315202.24	539019.36	6322449.53	45.0	10.2	1017.4		0.0	
101760	Trav	531701.59	6315202.47	539019.65	6322520.53	45.0	10.3	1027.7		0.0	
101770	Trav	531631.10	6315202.70	539019.93	6322591.53	45.0	10.4	1038.2		0.0	
101780	Trav	531560.62	6315202.94	539020.21	6322662.52	45.0	10.5	1048.7		0.0	
101790	Trav	531490.14	6315203.17	539020.50	6322733.52	45.0	10.6	1059.4		0.0	
101800	Trav	531419.66	6315203.40	539020.78	6322804.51	45.0	10.7	1070.1		0.0	
101810	Trav	531349.18	6315203.63	539021.06	6322875.50	45.0	10.8	1081.0		0.0	
101820	Trav	531278.70	6315203.86	539021.35	6322946.50	45.0	10.9	1091.9		0.0	
101830	Trav	531208.22	6315204.09	538971.41	6322967.27	45.0	11.0	1102.9		0.0	
101840	Trav	531137.74	6315204.32	538901.98	6322967.55	45.0	11.0	1113.9		0.0	
101850	Trav	531067.26	6315204.55	538830.54	6322967.82	45.0	11.0	1124.9		0.0	
101860	Trav	530996.78	6315204.78	538760.10	6322968.10	45.0	11.0	1135.9		0.0	
101870	Trav	530926.30	6315205.01	538689.67	6322968.37	45.0	11.0	1146.8		0.0	
101880	Trav	530855.83	6315205.24	538619.23	6322968.64	45.0	11.0	1157.8		0.0	
101890	Trav	530832.36	6315252.49	538548.80	6322968.92	45.0	10.9	1168.7		0.0	
101900	Trav	530832.59	6315323.43	538478.36	6322969.19	45.0	10.8	1179.5		0.0	
101910	Trav	530832.81	6315394.36	538407.92	6322969.47	45.0	10.7	1190.3		0.0	
101920	Trav	530833.04	6315465.31	538337.48	6322969.74	45.0	10.6	1200.9		0.0	
101930	Trav	530833.27	6315536.25	538267.04	6322970.01	45.0	10.5	1211.4		0.0	
101940	Trav	530833.50	6315607.19	538196.60	6322970.29	45.0	10.4	1221.8		0.0	
101950	Trav	530833.72	6315678.12	538126.17	6322970.56	45.0	10.3	1232.1		0.0	



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Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
101960	Trav	530833.95	6315749.06	538055.73	6322970.84	45.0	10.2	1242.3	0.0
101970	Trav	530834.18	6315820.00	537985.30	6322971.11	45.0	10.1	1252.4	0.0
101980	Trav	530834.40	6315890.93	537914.86	6322971.38	45.0	10.0	1262.4	0.0
101990	Trav	530834.63	6315961.87	537844.42	6322971.66	45.0	9.9	1272.4	0.0
102000	Trav	530834.86	6316032.81	537773.99	6322971.93	45.0	9.8	1282.2	0.0
102010	Trav	530835.08	6316103.74	537703.55	6322972.21	45.0	9.7	1291.9	0.0
102020	Trav	530835.31	6316174.68	537633.12	6322972.48	45.0	9.6	1301.5	0.0
102030	Trav	530835.54	6316245.62	537562.68	6322972.75	45.0	9.5	1311.0	0.0
102040	Trav	530835.76	6316316.55	537492.24	6322973.03	45.0	9.4	1320.4	0.0
102050	Trav	530835.99	6316387.49	537468.73	6323020.22	45.0	9.4	1329.8	0.0
102060	Trav	530836.22	6316458.43	537469.00	6323091.21	45.0	9.4	1339.2	0.0
102070	Trav	530836.44	6316529.37	537469.27	6323162.19	45.0	9.4	1348.6	0.0
102080	Trav	530836.67	6316600.31	537469.54	6323233.17	45.0	9.4	1357.9	0.0
102090	Trav	530836.90	6316671.25	537469.81	6323304.15	45.0	9.4	1367.3	0.0
102100	Trav	530837.13	6316742.19	537470.08	6323375.13	45.0	9.4	1376.7	0.0
102110	Trav	530837.35	6316813.12	537470.35	6323446.11	45.0	9.4	1386.1	0.0
102120	Trav	530837.58	6316884.06	537470.63	6323517.10	45.0	9.4	1395.5	0.0
102130	Trav	530837.81	6316955.00	537470.90	6323588.08	45.0	9.4	1404.8	0.0
102140	Trav	530838.03	6317025.93	537471.17	6323659.06	45.0	9.4	1414.2	0.0
102150	Trav	530838.26	6317096.87	537471.44	6323730.04	45.0	9.4	1423.6	0.0
102160	Trav	530838.49	6317167.81	537471.71	6323801.02	45.0	9.4	1433.0	0.0
102170	Trav	530838.71	6317238.74	537471.98	6323872.00	45.0	9.4	1442.4	0.0
102180	Trav	530838.94	6317309.68	537472.25	6323942.98	45.0	9.4	1451.8	0.0
102190	Trav	530839.17	6317380.62	537472.52	6324013.96	45.0	9.4	1461.1	0.0
102200	Trav	530839.39	6317451.55	537472.79	6324084.94	45.0	9.4	1470.5	0.0
102210	Trav	530839.62	6317522.49	537473.06	6324155.93	45.0	9.4	1479.9	0.0
102220	Trav	530839.85	6317593.44	537473.33	6324226.91	45.0	9.4	1489.3	0.0
102230	Trav	530840.08	6317664.38	537473.60	6324297.89	45.0	9.4	1498.7	0.0
102240	Trav	530840.30	6317735.31	537473.88	6324368.88	45.0	9.4	1508.0	0.0
102250	Trav	530840.53	6317806.25	537474.15	6324439.86	45.0	9.4	1517.4	0.0
102260	Trav	530840.76	6317877.19	537474.42	6324510.84	45.0	9.4	1526.8	0.0
102270	Trav	530840.98	6317948.12	537474.69	6324581.82	45.0	9.4	1536.2	0.0
102280	Trav	530841.21	6318019.06	537474.96	6324652.80	45.0	9.4	1545.6	0.0
102290	Trav	530841.44	6318090.00	537475.23	6324723.78	45.0	9.4	1554.9	0.0
102300	Trav	530841.66	6318160.93	537475.50	6324794.76	45.0	9.4	1564.3	0.0
102310	Trav	530841.89	6318231.87	537431.10	6324821.08	45.0	9.3	1573.6	0.0
102320	Trav	530842.12	6318302.81	537360.66	6324821.34	45.0	9.2	1582.9	0.0
102330	Trav	530842.34	6318373.74	537290.21	6324821.61	45.0	9.1	1592.0	0.0
102340	Trav	530842.57	6318444.68	537219.77	6324821.87	45.0	9.0	1601.0	0.0
102350	Trav	530842.80	6318515.62	537149.32	6324822.13	45.0	8.9	1609.9	0.0
102360	Trav	530843.02	6318586.55	537078.87	6324822.40	45.0	8.8	1618.7	0.0
102370	Trav	530843.25	6318657.50	537008.42	6324822.66	45.0	8.7	1627.5	0.0
102380	Trav	530843.48	6318728.44	536937.97	6324822.93	45.0	8.6	1636.1	0.0
102390	Trav	530843.71	6318799.38	536867.53	6324823.19	45.0	8.5	1644.6	0.0
102400	Trav	530843.93	6318870.31	536797.08	6324823.46	45.0	8.4	1653.0	0.0
102410	Trav	530803.84	6318900.92	536726.64	6324823.72	45.0	8.4	1661.4	0.0
102420	Trav	530733.35	6318901.14	536656.19	6324823.99	45.0	8.4	1669.8	0.0
102430	Trav	530662.86	6318901.36	536585.75	6324824.25	45.0	8.4	1678.1	0.0
102440	Trav	530592.36	6318901.58	536515.30	6324824.51	45.0	8.4	1686.5	0.0
102450	Trav	530521.87	6318901.80	536444.85	6324824.78	45.0	8.4	1694.9	0.0
102460	Trav	530451.38	6318902.02	536374.41	6324825.04	45.0	8.4	1703.3	0.0
102470	Trav	530380.89	6318902.24	536303.96	6324825.31	45.0	8.4	1711.6	0.0
102480	Trav	530310.40	6318902.46	536233.52	6324825.57	45.0	8.4	1720.0	0.0
102490	Trav	530239.91	6318902.68	536163.07	6324825.84	45.0	8.4	1728.4	0.0
102500	Trav	530169.41	6318902.89	536092.62	6324826.10	45.0	8.4	1736.8	0.0
102510	Trav	530098.92	6318903.11	536022.17	6324826.37	45.0	8.4	1745.2	0.0
102520	Trav	530028.43	6318903.33	535951.73	6324826.63	45.0	8.4	1753.5	0.0
102530	Trav	529957.93	6318903.55	535922.59	6324868.20	45.0	8.4	1762.0	0.0
102540	Trav	529887.44	6318903.77	535922.85	6324939.17	45.0	8.5	1770.5	0.0
102550	Trav	529816.95	6318903.99	535923.11	6325010.14	45.0	8.6	1779.1	0.0
102560	Trav	529746.46	6318904.21	535923.37	6325081.11	45.0	8.7	1787.9	0.0
102570	Trav	529675.97	6318904.43	535923.63	6325152.08	45.0	8.8	1796.7	0.0
102580	Trav	529605.48	6318904.65	535923.89	6325223.05	45.0	8.9	1805.6	0.0
102590	Trav	529534.99	6318904.86	535924.15	6325294.02	45.0	9.0	1814.7	0.0
102600	Trav	529464.50	6318905.08	535924.41	6325364.99	45.0	9.1	1823.8	0.0



Fairholme (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
102610	Trav	529394.00	6318905.30	535924.68	6325435.97	45.0	9.2	1833.1	0.0
102620	Trav	529323.51	6318905.52	535924.94	6325506.94	45.0	9.3	1842.4	0.0
102630	Trav	529291.94	6318944.66	535925.20	6325577.91	45.0	9.4	1851.8	0.0
102640	Trav	529292.15	6319015.58	535925.46	6325648.88	45.0	9.4	1861.1	0.0
102650	Trav	529292.37	6319086.51	535925.72	6325719.86	45.0	9.4	1870.5	0.0
102660	Trav	529292.58	6319157.44	535925.98	6325790.83	45.0	9.4	1879.9	0.0
102670	Trav	529292.80	6319228.37	535926.24	6325861.80	45.0	9.4	1889.3	0.0
102680	Trav	529293.01	6319299.29	535926.50	6325932.77	45.0	9.4	1898.7	0.0
102690	Trav	529293.23	6319370.22	535926.76	6326003.74	45.0	9.4	1908.1	0.0
102700	Trav	529293.44	6319441.14	535927.02	6326074.71	45.0	9.4	1917.4	0.0
102710	Trav	529293.66	6319512.07	535927.28	6326145.68	45.0	9.4	1926.8	0.0
102720	Trav	529293.87	6319582.99	535927.54	6326216.65	45.0	9.4	1936.2	0.0
102730	Trav	529294.09	6319653.92	535927.80	6326287.62	45.0	9.4	1945.6	0.0
102740	Trav	529294.30	6319724.84	535928.06	6326358.59	45.0	9.4	1955.0	0.0
102750	Trav	529294.52	6319795.77	535928.32	6326429.56	45.0	9.4	1964.3	0.0
102760	Trav	529294.73	6319866.69	535928.58	6326500.53	45.0	9.4	1973.7	0.0
102770	Trav	529294.95	6319937.62	535928.84	6326571.50	45.0	9.4	1983.1	0.0
102780	Trav	529295.16	6320008.54	535929.10	6326642.47	45.0	9.4	1992.5	0.0
102790	Trav	529295.38	6320079.47	535890.61	6326674.70	45.0	9.3	2001.8	0.0
102800	Trav	529295.59	6320150.39	535820.13	6326674.93	45.0	9.2	2011.0	0.0
102810	Trav	529295.81	6320221.33	535749.66	6326675.17	45.0	9.1	2020.2	0.0
102820	Trav	529296.02	6320292.25	535679.18	6326675.41	45.0	9.0	2029.2	0.0
102830	Trav	529296.24	6320363.18	535608.71	6326675.64	45.0	8.9	2038.1	0.0
102840	Trav	529296.45	6320434.10	535538.23	6326675.88	45.0	8.8	2047.0	0.0
102850	Trav	529296.66	6320505.02	535467.76	6326676.11	45.0	8.7	2055.7	0.0
102860	Trav	529296.88	6320575.95	535397.28	6326676.35	45.0	8.6	2064.3	0.0
102870	Trav	529297.09	6320646.87	535326.81	6326676.58	45.0	8.5	2072.8	0.0
102880	Trav	529297.31	6320717.80	535256.33	6326676.82	45.0	8.4	2081.3	0.0
102890	Trav	529297.52	6320788.72	535185.86	6326677.05	45.0	8.3	2089.6	0.0
102900	Trav	529297.74	6320859.65	535115.38	6326677.29	45.0	8.2	2097.8	0.0
102910	Trav	529297.95	6320930.57	535044.91	6326677.52	45.0	8.1	2105.9	0.0
102920	Trav	529298.17	6321001.50	534974.44	6326677.76	45.0	8.0	2114.0	0.0
102930	Trav	529298.38	6321072.42	534903.96	6326678.00	45.0	7.9	2121.9	0.0
102940	Trav	529298.60	6321143.35	534833.49	6326678.23	45.0	7.8	2129.7	0.0
102950	Trav	529298.81	6321214.27	534763.01	6326678.47	45.0	7.7	2137.5	0.0
102960	Trav	529299.03	6321285.21	534692.53	6326678.70	45.0	7.6	2145.1	0.0
102970	Trav	529299.24	6321356.13	534622.05	6326678.94	45.0	7.5	2152.6	0.0
102980	Trav	529299.46	6321427.06	534551.58	6326679.17	45.0	7.4	2160.0	0.0
102990	Trav	529299.67	6321497.98	534481.10	6326679.41	45.0	7.3	2167.4	0.0
103000	Trav	529299.89	6321568.91	534410.63	6326679.64	45.0	7.2	2174.6	0.0
103010	Trav	529300.10	6321639.83	534340.15	6326679.88	45.0	7.1	2181.7	0.0
103020	Trav	529300.32	6321710.76	534269.68	6326680.12	45.0	7.0	2188.7	0.0
103030	Trav	529300.53	6321781.68	534199.21	6326680.35	45.0	6.9	2195.7	0.0
103040	Trav	529300.75	6321852.61	534128.73	6326680.59	45.0	6.8	2202.5	0.0
103050	Trav	529300.96	6321923.53	534058.26	6326680.82	45.0	6.7	2209.2	0.0
103060	Trav	529301.18	6321994.46	533987.78	6326681.06	45.0	6.6	2215.9	0.0
103070	Trav	529301.39	6322065.38	533917.31	6326681.29	45.0	6.5	2222.4	0.0
103080	Trav	529301.61	6322136.31	533846.83	6326681.53	45.0	6.4	2228.8	0.0
103090	Trav	529301.82	6322207.23	533776.35	6326681.76	45.0	6.3	2235.1	0.0
103100	Trav	529302.04	6322278.17	533705.87	6326682.00	45.0	6.2	2241.4	0.0
103110	Trav	529302.25	6322349.09	533635.40	6326682.23	45.0	6.1	2247.5	0.0
103120	Trav	529302.47	6322420.02	533564.92	6326682.47	45.0	6.0	2253.5	0.0
103130	Trav	529302.68	6322490.94	533494.45	6326682.71	45.0	5.9	2259.5	0.0
103140	Trav	529302.90	6322561.87	533423.98	6326682.94	45.0	5.8	2265.3	0.0
103150	Trav	529303.11	6322632.79	533353.50	6326683.18	45.0	5.7	2271.0	0.0
103160	Trav	529303.32	6322703.71	533283.03	6326683.41	45.0	5.6	2276.6	0.0
103170	Trav	529303.54	6322774.64	533212.55	6326683.65	45.0	5.5	2282.2	0.0
103180	Trav	529303.75	6322845.56	533142.08	6326683.88	45.0	5.4	2287.6	0.0
103190	Trav	529303.97	6322916.49	533071.60	6326684.12	45.0	5.3	2292.9	0.0
103200	Trav	529304.18	6322987.41	533001.13	6326684.35	45.0	5.2	2298.1	0.0
103210	Trav	529304.40	6323058.34	532930.65	6326684.59	45.0	5.1	2303.3	0.0
103220	Trav	529304.61	6323129.26	532860.18	6326684.83	45.0	5.0	2308.3	0.0
103230	Trav	529304.83	6323200.19	532789.70	6326685.06	45.0	4.9	2313.2	0.0
103240	Trav	529305.04	6323271.11	532719.23	6326685.30	45.0	4.8	2318.1	0.0
103250	Trav	529305.26	6323342.05	532648.75	6326685.53	45.0	4.7	2322.8	0.0



Fairholme (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
103260	Trav	529305.47	6323412.97	532578.27	6326685.77	45.0	4.6	2327.4	0.0
103270	Trav	529305.69	6323483.90	532507.80	6326686.00	45.0	4.5	2331.9	0.0
103280	Trav	529305.90	6323554.82	532437.32	6326686.24	45.0	4.4	2336.4	0.0
103290	Trav	529306.12	6323625.75	532366.85	6326686.47	45.0	4.3	2340.7	0.0
103300	Trav	529306.33	6323696.67	532296.37	6326686.71	45.0	4.2	2344.9	0.0
103310	Trav	529306.55	6323767.60	532225.90	6326686.94	45.0	4.1	2349.1	0.0
103320	Trav	529306.76	6323838.52	532155.42	6326687.18	45.0	4.0	2353.1	0.0
103330	Trav	529306.98	6323909.45	532084.95	6326687.42	45.0	3.9	2357.0	0.0
103340	Trav	529307.19	6323980.37	532014.47	6326687.65	45.0	3.8	2360.8	0.0
103350	Trav	529307.41	6324051.30	531944.00	6326687.89	45.0	3.7	2364.6	0.0
103360	Trav	529307.62	6324122.22	531873.53	6326688.12	45.0	3.6	2368.2	0.0
103370	Trav	529307.84	6324193.15	531803.05	6326688.36	45.0	3.5	2371.7	0.0
103380	Trav	529308.05	6324264.07	531732.58	6326688.59	45.0	3.4	2375.2	0.0
103390	Trav	529308.27	6324335.00	531662.10	6326688.83	45.0	3.3	2378.5	0.0
103400	Trav	529308.48	6324405.93	531591.62	6326689.06	45.0	3.2	2381.7	0.0
103410	Trav	529308.70	6324476.86	531521.14	6326689.30	45.0	3.1	2384.8	0.0
103420	Trav	529308.91	6324547.78	531450.67	6326689.54	45.0	3.0	2387.9	0.0
103430	Trav	529309.13	6324618.71	531380.19	6326689.77	45.0	2.9	2390.8	0.0
103440	Trav	529309.34	6324689.63	531309.72	6326690.01	45.0	2.8	2393.6	0.0
103450	Trav	529309.56	6324760.56	531239.24	6326690.24	45.0	2.7	2396.4	0.0
103460	Trav	529309.77	6324831.48	531168.77	6326690.48	45.0	2.6	2399.0	0.0
103470	Trav	529309.98	6324902.40	531098.30	6326690.71	45.0	2.5	2401.5	0.0
103480	Trav	529310.20	6324973.33	531027.82	6326690.95	45.0	2.4	2404.0	0.0
103490	Trav	529310.41	6325044.25	530957.35	6326691.18	45.0	2.3	2406.3	0.0
103500	Trav	529310.63	6325115.18	530886.87	6326691.42	45.0	2.2	2408.5	0.0
103510	Trav	529310.84	6325186.10	530816.40	6326691.65	45.0	2.1	2410.6	0.0
103520	Trav	529311.06	6325257.03	530745.92	6326691.89	45.0	2.0	2412.7	0.0
103530	Trav	529311.27	6325327.95	530675.45	6326692.13	45.0	1.9	2414.6	0.0
103540	Trav	529311.49	6325398.88	530604.97	6326692.36	45.0	1.8	2416.4	0.0
103550	Trav	529311.70	6325469.81	530534.49	6326692.60	45.0	1.7	2418.2	0.0
103560	Trav	529311.92	6325540.74	530464.01	6326692.83	45.0	1.6	2419.8	0.0
103570	Trav	529312.13	6325611.66	530393.54	6326693.07	45.0	1.5	2421.3	0.0
103580	Trav	529312.35	6325682.59	530323.07	6326693.30	45.0	1.4	2422.7	0.0
103590	Trav	529312.56	6325753.51	530252.59	6326693.54	45.0	1.3	2424.1	0.0
103600	Trav	529312.78	6325824.44	530182.12	6326693.77	45.0	1.2	2425.3	0.0
103610	Trav	529312.99	6325895.36	530111.64	6326694.01	45.0	1.1	2426.4	0.0
103620	Trav	529313.21	6325966.29	530041.17	6326694.24	45.0	1.0	2427.5	0.0
103630	Trav	529313.42	6326037.21	529970.69	6326694.48	45.0	0.9	2428.4	0.0
103640	Trav	529313.64	6326108.14	529900.22	6326694.72	45.0	0.8	2429.2	0.0
103650	Trav	529313.85	6326179.06	529829.74	6326694.95	45.0	0.7	2430.0	0.0
103660	Trav	529314.07	6326249.99	529759.27	6326695.19	45.0	0.6	2430.6	0.0
103670	Trav	529314.28	6326320.91	529688.79	6326695.42	45.0	0.5	2431.1	0.0
103680	Trav	529314.50	6326391.84	529618.32	6326695.66	45.0	0.4	2431.5	0.0
103690	Trav	529314.71	6326462.77	529547.84	6326695.89	45.0	0.3	2431.9	0.0
190010	Tie	537471.71	6324335.91	535131.79	6326675.83	315.0	3.3	2431.9	3.3
190020	Tie	539014.44	6322086.07	534422.15	6326678.36	315.0	6.5	2431.9	9.8
190030	Tie	533711.43	6326681.98	539015.09	6321378.32	135.0	7.5	2431.9	17.3
190040	Tie	533001.95	6326684.35	539012.28	6320674.02	135.0	8.5	2431.9	25.8
190050	Tie	532292.47	6326686.72	540554.50	6318424.69	135.0	11.7	2431.9	37.5
190060	Tie	531583.00	6326689.09	540552.54	6317719.55	135.0	12.7	2431.9	50.2
190070	Tie	530873.52	6326691.46	540549.62	6317015.36	135.0	13.7	2431.9	63.9
190080	Tie	530164.04	6326693.83	540546.69	6316311.18	135.0	14.7	2431.9	78.5
190090	Tie	529454.56	6326696.21	540543.77	6315607.00	135.0	15.7	2431.9	94.2
190100	Tie	529313.70	6326129.96	540540.84	6314902.82	135.0	15.9	2431.9	110.1
190110	Tie	529311.57	6325424.98	540537.92	6314198.63	135.0	15.9	2431.9	126.0
190120	Tie	529309.43	6324720.01	540534.99	6313494.46	135.0	15.9	2431.9	141.9
190130	Tie	529307.30	6324015.04	540532.07	6312790.27	135.0	15.9	2431.9	157.7
190140	Tie	529305.16	6323310.07	540529.14	6312086.09	135.0	15.9	2431.9	173.6
190150	Tie	538582.93	6313325.19	540433.66	6311474.46	135.0	2.6	2431.9	176.2
190160	Tie	529303.03	6322605.09	538578.34	6313329.78	135.0	13.1	2431.9	189.3
190170	Tie	529300.89	6321900.13	539724.09	6311476.93	135.0	14.7	2431.9	204.1
190180	Tie	529298.76	6321195.15	537159.51	6313334.40	135.0	11.1	2431.9	215.2
190190	Tie	529296.62	6320490.18	536450.43	6313336.37	135.0	10.1	2431.9	225.3
190200	Tie	535048.99	6314030.71	529298.65	6319781.05	315.0	8.1	2431.9	233.4
190210	Tie	534701.76	6313670.83	530838.36	6317534.23	315.0	5.5	2431.9	238.9



Fairholme (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
190220	Tie	530837.40	6316828.08	534340.86	6313324.62	135.0	5.0	2431.9	243.9
190230	Tie	533603.20	6313355.18	530837.58	6316120.80	315.0	3.9	2431.9	247.8
190240	Tie	538575.08	6311553.36	540527.70	6311547.26	90.2	2.0	2431.9	249.7
190250	Tie	538672.71	6311486.24	538674.58	6313490.39	0.1	2.0	2431.9	251.7
190260	Tie	535476.89	6313419.76	538796.82	6313416.79	90.1	3.3	2431.9	255.0
190270	Tie	535563.40	6313357.50	535563.40	6314562.84	0.0	1.2	2431.9	256.3
190280	Tie	532388.02	6313429.24	534413.70	6313429.24	90.0	2.0	2431.9	258.3
190290	Tie	532477.58	6313342.31	532477.12	6315340.43	360.0	2.0	2431.9	260.3
190300	Tie	530828.54	6315290.83	532515.06	6315282.07	90.3	1.7	2431.9	262.0
190310	Tie	530936.50	6315212.04	530939.42	6319037.35	0.0	3.8	2431.9	265.8
190320	Tie	529282.08	6318978.99	530991.94	6318976.07	90.1	1.7	2431.9	267.5
190330	Tie	529378.37	6318897.29	529402.29	6326604.30	0.2	7.7	2431.9	275.2
190340	Tie	529409.70	6326631.49	535929.99	6326599.35	90.3	6.5	2431.9	281.7
190350	Tie	535838.50	6326680.95	535838.50	6324707.80	180.0	2.0	2431.9	283.7
190360	Tie	535784.10	6324754.78	537475.37	6324754.78	90.0	1.7	2431.9	285.4
190370	Tie	537403.66	6324816.60	537389.22	6322844.35	180.4	2.0	2431.9	287.4
190380	Tie	537295.24	6322903.52	539004.27	6322896.56	90.2	1.7	2431.9	289.1
190390	Tie	538927.70	6322973.14	538924.22	6319057.32	180.1	3.9	2431.9	293.0
190400	Tie	538858.08	6319203.51	540556.68	6319193.07	90.4	1.7	2431.9	294.7
190410	Tie	540459.22	6319266.16	540452.26	6311479.77	180.1	7.8	2431.9	302.5



Mendooran

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv	Cumul	Ti	Cumul
200010	Trav	691904.97	6455712.36	695466.80	6459274.19	45.0	5.0		5.0		0.0
200020	Trav	691766.13	6455714.94	695459.14	6459407.95	45.0	5.2		10.3		0.0
200030	Trav	691627.29	6455717.52	695461.89	6459552.12	45.0	5.4		15.7		0.0
200040	Trav	691488.45	6455720.10	695464.63	6459696.28	45.0	5.6		21.3		0.0
200050	Trav	691349.61	6455722.69	695467.38	6459840.45	45.0	5.8		27.1		0.0
200060	Trav	691210.77	6455725.27	695470.13	6459984.63	45.0	6.0		33.2		0.0
200070	Trav	691071.93	6455727.85	695472.88	6460128.80	45.0	6.2		39.4		0.0
200080	Trav	690933.09	6455730.43	695475.63	6460272.97	45.0	6.4		45.8		0.0
200090	Trav	690794.25	6455733.01	695478.38	6460417.14	45.0	6.6		52.4		0.0
200100	Trav	690655.41	6455735.59	695481.13	6460561.31	45.0	6.8		59.3		0.0
200110	Trav	690516.57	6455738.17	695483.88	6460705.48	45.0	7.0		66.3		0.0
200120	Trav	690377.73	6455740.76	695486.63	6460849.65	45.0	7.2		73.5		0.0
200130	Trav	690238.89	6455743.34	695489.38	6460993.83	45.0	7.4		80.9		0.0
200140	Trav	690100.05	6455745.92	695492.13	6461138.00	45.0	7.6		88.6		0.0
200150	Trav	689961.21	6455748.50	695494.88	6461282.17	45.0	7.8		96.4		0.0
200160	Trav	689822.37	6455751.08	695497.63	6461426.34	45.0	8.0		104.4		0.0
200170	Trav	689683.53	6455753.66	695500.38	6461570.51	45.0	8.2		112.6		0.0
200180	Trav	689544.69	6455756.24	695503.13	6461714.68	45.0	8.4		121.1		0.0
200190	Trav	689405.85	6455758.82	695505.88	6461858.85	45.0	8.6		129.7		0.0
200200	Trav	689267.01	6455761.41	695508.63	6462003.02	45.0	8.8		138.5		0.0
200210	Trav	689128.17	6455763.99	695511.38	6462147.20	45.0	9.0		147.5		0.0
200220	Trav	688989.33	6455766.57	695514.13	6462291.37	45.0	9.2		156.8		0.0
200230	Trav	688850.49	6455769.15	695516.88	6462435.54	45.0	9.4		166.2		0.0
200240	Trav	688711.65	6455771.73	695519.63	6462579.71	45.0	9.6		175.8		0.0
200250	Trav	688572.81	6455774.31	695522.38	6462723.88	45.0	9.8		185.6		0.0
200260	Trav	688433.97	6455776.89	695525.13	6462868.05	45.0	10.0		195.7		0.0
200270	Trav	688295.13	6455779.48	695527.88	6463012.22	45.0	10.2		205.9		0.0
200280	Trav	688156.29	6455782.06	695530.63	6463156.40	45.0	10.4		216.3		0.0
200290	Trav	688017.45	6455784.64	695533.38	6463300.57	45.0	10.6		227.0		0.0
200300	Trav	687878.61	6455787.22	695536.13	6463444.74	45.0	10.8		237.8		0.0
200310	Trav	687739.77	6455789.80	695538.88	6463588.91	45.0	11.0		248.8		0.0
200320	Trav	687600.93	6455792.38	695541.63	6463733.08	45.0	11.2		260.1		0.0
200330	Trav	687462.09	6455794.96	695544.38	6463877.25	45.0	11.4		271.5		0.0
200340	Trav	687323.25	6455797.55	695547.13	6464021.42	45.0	11.6		283.1		0.0
200350	Trav	687184.41	6455800.13	695549.88	6464165.60	45.0	11.8		294.9		0.0
200360	Trav	687116.74	6455873.88	695552.63	6464309.77	45.0	11.9		306.9		0.0
200370	Trav	687119.38	6456017.94	695555.38	6464453.94	45.0	11.9		318.8		0.0
200380	Trav	687122.02	6456162.00	695558.13	6464598.11	45.0	11.9		330.7		0.0
200390	Trav	687124.66	6456306.07	695560.88	6464742.28	45.0	11.9		342.7		0.0
200400	Trav	687127.30	6456450.13	695563.63	6464886.45	45.0	11.9		354.6		0.0
200410	Trav	687129.94	6456594.19	695566.38	6465030.62	45.0	11.9		366.5		0.0
200420	Trav	687132.59	6456738.26	695569.13	6465174.79	45.0	11.9		378.5		0.0
200430	Trav	687135.23	6456882.32	695571.88	6465318.97	45.0	11.9		390.4		0.0
200440	Trav	687137.87	6457026.38	695574.63	6465463.14	45.0	11.9		402.3		0.0
200450	Trav	687140.51	6457170.44	695577.38	6465607.31	45.0	11.9		414.3		0.0
200460	Trav	687143.15	6457314.51	695580.13	6465751.48	45.0	11.9		426.2		0.0
200470	Trav	687145.79	6457458.57	695582.88	6465895.65	45.0	11.9		438.1		0.0
200480	Trav	687148.43	6457602.63	695585.63	6466039.82	45.0	11.9		450.0		0.0
200490	Trav	687151.07	6457746.69	695588.37	6466183.98	45.0	11.9		462.0		0.0
200500	Trav	687153.71	6457890.75	695591.12	6466328.16	45.0	11.9		473.9		0.0
200510	Trav	687156.36	6458034.82	695593.87	6466472.33	45.0	11.9		485.8		0.0
200520	Trav	687159.00	6458178.88	695596.62	6466616.50	45.0	11.9		497.8		0.0
200530	Trav	687161.64	6458322.94	695599.37	6466760.67	45.0	11.9		509.7		0.0
200540	Trav	687164.28	6458467.01	695602.12	6466904.84	45.0	11.9		521.6		0.0
200550	Trav	687166.92	6458611.07	695604.87	6467049.01	45.0	11.9		533.6		0.0
200560	Trav	687169.56	6458755.13	695607.62	6467193.18	45.0	11.9		545.5		0.0
200570	Trav	687172.20	6458899.19	695610.37	6467337.36	45.0	11.9		557.4		0.0
200580	Trav	687174.84	6459043.25	695613.12	6467481.53	45.0	11.9		569.4		0.0
200590	Trav	687177.48	6459187.31	695615.87	6467625.70	45.0	11.9		581.3		0.0
200600	Trav	687180.13	6459331.38	695618.62	6467769.87	45.0	11.9		593.2		0.0
200610	Trav	687182.77	6459475.45	695621.37	6467914.04	45.0	11.9		605.2		0.0
200620	Trav	687185.41	6459619.51	695624.12	6468058.21	45.0	11.9		617.1		0.0
200630	Trav	687188.05	6459763.57	695626.87	6468202.38	45.0	11.9		629.0		0.0
200640	Trav	687190.69	6459907.63	695629.62	6468346.55	45.0	11.9		641.0		0.0
200650	Trav	687193.33	6460051.69	695632.37	6468490.73	45.0	11.9		652.9		0.0



Mendooran (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv	Cumul	Ti	Cumul
200660	Trav	687195.97	6460195.75	695635.12	6468634.90	45.0	11.9	664.8		0.0	
200670	Trav	687198.61	6460339.81	695637.87	6468779.07	45.0	11.9	676.8		0.0	
200680	Trav	687201.25	6460483.88	695640.62	6468923.24	45.0	11.9	688.7		0.0	
200690	Trav	687203.90	6460627.95	695643.37	6469067.41	45.0	11.9	700.7		0.0	
200700	Trav	687206.54	6460772.01	695646.12	6469211.58	45.0	11.9	712.6		0.0	
200710	Trav	687209.18	6460916.07	695648.87	6469355.75	45.0	11.9	724.5		0.0	
200720	Trav	687211.82	6461060.13	695651.62	6469499.93	45.0	11.9	736.5		0.0	
200730	Trav	687214.46	6461204.19	695654.37	6469644.10	45.0	11.9	748.4		0.0	
200740	Trav	687217.10	6461348.25	695657.12	6469788.27	45.0	11.9	760.3		0.0	
200750	Trav	687219.74	6461492.31	695659.87	6469932.44	45.0	11.9	772.3		0.0	
200760	Trav	687222.38	6461636.38	695662.62	6470076.61	45.0	11.9	784.2		0.0	
200770	Trav	687225.02	6461780.44	695665.37	6470220.78	45.0	11.9	796.1		0.0	
200780	Trav	687227.67	6461924.51	695668.12	6470364.95	45.0	11.9	808.1		0.0	
200790	Trav	687230.31	6462068.57	695670.87	6470509.12	45.0	11.9	820.0		0.0	
200800	Trav	687232.95	6462212.63	695673.62	6470653.30	45.0	11.9	832.0		0.0	
200810	Trav	687235.59	6462356.69	695676.37	6470797.47	45.0	11.9	843.9		0.0	
200820	Trav	687238.23	6462500.75	695679.12	6470941.64	45.0	11.9	855.8		0.0	
200830	Trav	687240.87	6462644.82	695681.87	6471085.81	45.0	11.9	867.8		0.0	
200840	Trav	687243.51	6462788.88	695684.62	6471229.98	45.0	11.9	879.7		0.0	
200850	Trav	687246.15	6462932.94	695687.37	6471374.15	45.0	11.9	891.6		0.0	
200860	Trav	687248.79	6463077.00	695690.12	6471518.32	45.0	11.9	903.6		0.0	
200870	Trav	687251.44	6463221.07	695692.87	6471662.50	45.0	11.9	915.5		0.0	
200880	Trav	687254.08	6463365.13	695695.62	6471806.67	45.0	11.9	927.5		0.0	
200890	Trav	687256.72	6463509.19	695698.37	6471950.84	45.0	11.9	939.4		0.0	
200900	Trav	687259.36	6463653.26	695701.12	6472095.01	45.0	11.9	951.3		0.0	
200910	Trav	687262.00	6463797.32	695703.87	6472239.18	45.0	11.9	963.3		0.0	
200920	Trav	687264.64	6463941.38	695706.62	6472383.35	45.0	11.9	975.2		0.0	
200930	Trav	687267.28	6464085.44	695709.36	6472527.51	45.0	11.9	987.1		0.0	
200940	Trav	687269.92	6464229.50	695712.11	6472671.69	45.0	11.9	999.1		0.0	
200950	Trav	687272.56	6464373.56	695714.86	6472815.86	45.0	11.9	1011.0		0.0	
200960	Trav	687275.21	6464517.63	695717.61	6472960.03	45.0	11.9	1023.0		0.0	
200970	Trav	687277.85	6464661.69	695720.36	6473104.20	45.0	11.9	1034.9		0.0	
200980	Trav	687280.49	6464805.76	695723.11	6473248.37	45.0	11.9	1046.8		0.0	
200990	Trav	687283.13	6464949.82	695725.86	6473392.54	45.0	11.9	1058.8		0.0	
201000	Trav	687285.77	6465093.88	695728.61	6473536.71	45.0	11.9	1070.7		0.0	
201010	Trav	687288.41	6465237.94	695731.36	6473680.88	45.0	11.9	1082.7		0.0	
201020	Trav	687291.05	6465382.00	695734.11	6473825.06	45.0	11.9	1094.6		0.0	
201030	Trav	687293.69	6465526.06	695736.86	6473969.23	45.0	11.9	1106.5		0.0	
201040	Trav	687296.33	6465670.12	695739.61	6474113.40	45.0	11.9	1118.5		0.0	
201050	Trav	687298.98	6465814.20	695742.36	6474257.57	45.0	11.9	1130.4		0.0	
201060	Trav	687301.62	6465958.26	695745.11	6474401.74	45.0	11.9	1142.4		0.0	
201070	Trav	687304.26	6466102.32	695747.86	6474545.91	45.0	11.9	1154.3		0.0	
201080	Trav	687306.90	6466246.38	695750.61	6474690.08	45.0	11.9	1166.2		0.0	
201090	Trav	687309.54	6466390.44	695753.36	6474834.26	45.0	11.9	1178.2		0.0	
201100	Trav	687312.18	6466534.50	695756.11	6474978.43	45.0	11.9	1190.1		0.0	
201110	Trav	687314.82	6466678.56	695758.86	6475122.60	45.0	11.9	1202.1		0.0	
201120	Trav	687282.75	6466787.91	695761.61	6475266.77	45.0	12.0	1214.1		0.0	
201130	Trav	687208.54	6466855.12	695764.36	6475410.94	45.0	12.1	1226.2		0.0	
201140	Trav	687104.36	6466892.37	695767.11	6475555.11	45.0	12.3	1238.4		0.0	
201150	Trav	686965.47	6466894.90	695769.86	6475699.28	45.0	12.5	1250.9		0.0	
201160	Trav	686826.58	6466897.43	695772.61	6475843.46	45.0	12.7	1263.5		0.0	
201170	Trav	686687.69	6466899.96	695775.36	6475987.63	45.0	12.9	1276.4		0.0	
201180	Trav	686548.80	6466902.49	695778.11	6476131.80	45.0	13.1	1289.4		0.0	
201190	Trav	686409.92	6466905.03	695780.86	6476275.97	45.0	13.3	1302.7		0.0	
201200	Trav	686271.02	6466907.56	695737.33	6476373.87	45.0	13.4	1316.1		0.0	
201210	Trav	686132.13	6466910.09	695598.53	6476376.49	45.0	13.4	1329.4		0.0	
201220	Trav	685993.24	6466912.62	695459.73	6476379.11	45.0	13.4	1342.8		0.0	
201230	Trav	685854.36	6466915.15	695320.94	6476381.73	45.0	13.4	1356.2		0.0	
201240	Trav	685743.12	6466945.34	695182.13	6476384.35	45.0	13.3	1369.6		0.0	
201250	Trav	685745.73	6467089.37	695043.33	6476386.97	45.0	13.1	1382.7		0.0	
201260	Trav	685748.35	6467233.41	694904.53	6476389.59	45.0	12.9	1395.7		0.0	
201270	Trav	685750.96	6467377.45	694765.73	6476392.21	45.0	12.7	1408.4		0.0	
201280	Trav	685753.57	6467521.48	694626.93	6476394.83	45.0	12.5	1421.0		0.0	
201290	Trav	685756.19	6467665.52	694488.13	6476397.45	45.0	12.3	1433.3		0.0	
201300	Trav	685758.80	6467809.55	694349.33	6476400.07	45.0	12.1	1445.5		0.0	



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Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
201310	Trav	685761.41	6467953.58	694210.52	6476402.69	45.0	11.9	1457.4	0.0
201320	Trav	685764.03	6468097.62	694071.72	6476405.31	45.0	11.7	1469.2	0.0
201330	Trav	685766.64	6468241.65	693932.92	6476407.93	45.0	11.5	1480.7	0.0
201340	Trav	685769.25	6468385.68	693794.12	6476410.56	45.0	11.3	1492.1	0.0
201350	Trav	685771.86	6468529.72	693655.32	6476413.18	45.0	11.1	1503.2	0.0
201360	Trav	685774.48	6468673.76	693516.52	6476415.80	45.0	10.9	1514.2	0.0
201370	Trav	685777.09	6468817.79	693377.72	6476418.42	45.0	10.7	1524.9	0.0
201380	Trav	685779.70	6468961.82	693238.92	6476421.04	45.0	10.5	1535.5	0.0
201390	Trav	685782.32	6469105.86	693100.12	6476423.66	45.0	10.3	1545.8	0.0
201400	Trav	685784.93	6469249.89	692961.32	6476426.28	45.0	10.1	1556.0	0.0
201410	Trav	685787.54	6469393.92	692822.52	6476428.90	45.0	9.9	1565.9	0.0
201420	Trav	685790.16	6469537.97	692683.72	6476431.52	45.0	9.7	1575.7	0.0
201430	Trav	685792.77	6469682.00	692629.17	6476518.39	45.0	9.7	1585.3	0.0
201440	Trav	685795.38	6469826.03	692631.86	6476662.50	45.0	9.7	1595.0	0.0
201450	Trav	685798.00	6469970.07	692634.56	6476806.62	45.0	9.7	1604.7	0.0
201460	Trav	685800.61	6470114.10	692637.25	6476950.74	45.0	9.7	1614.3	0.0
201470	Trav	685803.22	6470258.13	692639.95	6477094.86	45.0	9.7	1624.0	0.0
201480	Trav	685805.83	6470402.16	692642.65	6477238.98	45.0	9.7	1633.7	0.0
201490	Trav	685808.45	6470546.21	692645.34	6477383.09	45.0	9.7	1643.3	0.0
201500	Trav	685811.06	6470690.24	692648.04	6477527.21	45.0	9.7	1653.0	0.0
201510	Trav	685813.67	6470834.27	692650.73	6477671.32	45.0	9.7	1662.7	0.0
201520	Trav	685816.29	6470978.31	692653.43	6477815.44	45.0	9.7	1672.3	0.0
201530	Trav	685818.90	6471122.34	692656.13	6477959.57	45.0	9.7	1682.0	0.0
201540	Trav	685821.51	6471266.37	692658.82	6478103.68	45.0	9.7	1691.7	0.0
201550	Trav	685824.13	6471410.41	692661.52	6478247.80	45.0	9.7	1701.3	0.0
201560	Trav	685826.74	6471554.44	692664.22	6478391.92	45.0	9.7	1711.0	0.0
201570	Trav	685829.35	6471698.48	692666.91	6478536.03	45.0	9.7	1720.7	0.0
201580	Trav	685831.97	6471842.52	692669.61	6478680.15	45.0	9.7	1730.4	0.0
201590	Trav	685834.58	6471986.55	692672.30	6478824.26	45.0	9.7	1740.0	0.0
201600	Trav	685837.19	6472130.58	692675.00	6478968.38	45.0	9.7	1749.7	0.0
201610	Trav	685839.81	6472274.62	692677.70	6479112.51	45.0	9.7	1759.4	0.0
201620	Trav	685842.42	6472418.65	692680.39	6479256.62	45.0	9.7	1769.0	0.0
201630	Trav	685744.76	6472462.41	692683.09	6479400.74	45.0	9.8	1778.8	0.0
201640	Trav	685605.84	6472464.91	692685.78	6479544.85	45.0	10.0	1788.9	0.0
201650	Trav	685466.92	6472467.42	692688.48	6479688.97	45.0	10.2	1799.1	0.0
201660	Trav	685328.01	6472469.93	692691.18	6479833.09	45.0	10.4	1809.5	0.0
201670	Trav	685189.10	6472472.43	692693.87	6479977.20	45.0	10.6	1820.1	0.0
201680	Trav	685050.18	6472474.94	692696.57	6480121.33	45.0	10.8	1830.9	0.0
201690	Trav	684911.27	6472477.45	692699.27	6480265.45	45.0	11.0	1841.9	0.0
201700	Trav	684772.36	6472479.96	692701.96	6480409.56	45.0	11.2	1853.1	0.0
201710	Trav	684633.44	6472482.46	692704.66	6480553.68	45.0	11.4	1864.6	0.0
201720	Trav	684494.52	6472484.97	692707.35	6480697.79	45.0	11.6	1876.2	0.0
201730	Trav	684355.61	6472487.48	692710.05	6480841.91	45.0	11.8	1888.0	0.0
201740	Trav	684267.20	6472540.49	692712.75	6480986.03	45.0	11.9	1899.9	0.0
201750	Trav	684269.79	6472684.50	692715.44	6481130.15	45.0	11.9	1911.9	0.0
201760	Trav	684272.38	6472828.51	692718.14	6481274.27	45.0	11.9	1923.8	0.0
201770	Trav	684274.96	6472972.51	692720.84	6481418.39	45.0	11.9	1935.8	0.0
201780	Trav	684277.55	6473116.52	692723.53	6481562.50	45.0	11.9	1947.7	0.0
201790	Trav	684280.14	6473260.54	692726.23	6481706.62	45.0	11.9	1959.7	0.0
201800	Trav	684282.72	6473404.54	692728.92	6481850.73	45.0	11.9	1971.6	0.0
201810	Trav	684285.31	6473548.55	692731.62	6481994.85	45.0	11.9	1983.5	0.0
201820	Trav	684287.90	6473692.56	692734.32	6482138.97	45.0	11.9	1995.5	0.0
201830	Trav	684290.48	6473836.56	692737.01	6482283.09	45.0	11.9	2007.4	0.0
201840	Trav	684293.07	6473980.57	692739.71	6482427.21	45.0	11.9	2019.4	0.0
201850	Trav	684295.66	6474124.58	692742.40	6482571.32	45.0	11.9	2031.3	0.0
201860	Trav	684298.25	6474268.60	692745.10	6482715.44	45.0	11.9	2043.3	0.0
201870	Trav	684300.83	6474412.60	692747.80	6482859.56	45.0	11.9	2055.2	0.0
201880	Trav	684303.42	6474556.61	692750.49	6483003.67	45.0	11.9	2067.2	0.0
201890	Trav	684306.01	6474700.62	692753.19	6483147.79	45.0	11.9	2079.1	0.0
201900	Trav	684308.59	6474844.62	692755.89	6483291.92	45.0	11.9	2091.1	0.0
201910	Trav	684311.18	6474988.63	692758.58	6483436.03	45.0	11.9	2103.0	0.0
201920	Trav	684313.77	6475132.64	692761.28	6483580.15	45.0	11.9	2114.9	0.0
201930	Trav	684316.35	6475276.64	692763.97	6483724.26	45.0	11.9	2126.9	0.0
201940	Trav	684318.94	6475420.66	692723.09	6483824.80	45.0	11.9	2138.8	0.0
201950	Trav	684321.53	6475564.67	692584.23	6483827.36	45.0	11.7	2150.5	0.0



Mendooran (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
201960	Trav	684324.11	6475708.67	692445.37	6483829.93	45.0	11.5	2161.9	0.0
201970	Trav	684326.70	6475852.68	692306.52	6483832.49	45.0	11.3	2173.2	0.0
201980	Trav	684329.29	6475996.69	692167.65	6483835.05	45.0	11.1	2184.3	0.0
201990	Trav	684331.87	6476140.69	692028.80	6483837.62	45.0	10.9	2195.2	0.0
202000	Trav	684334.46	6476284.70	691889.94	6483840.18	45.0	10.7	2205.9	0.0
202010	Trav	684337.05	6476428.72	691751.08	6483842.75	45.0	10.5	2216.4	0.0
202020	Trav	684339.63	6476572.72	691612.23	6483845.31	45.0	10.3	2226.7	0.0
202030	Trav	684342.22	6476716.73	691473.37	6483847.87	45.0	10.1	2236.7	0.0
202040	Trav	684344.81	6476860.74	691334.51	6483850.44	45.0	9.9	2246.6	0.0
202050	Trav	684347.39	6477004.74	691195.65	6483853.00	45.0	9.7	2256.3	0.0
202060	Trav	684349.98	6477148.75	691056.80	6483855.57	45.0	9.5	2265.8	0.0
202070	Trav	684352.57	6477292.76	690917.94	6483858.13	45.0	9.3	2275.1	0.0
202080	Trav	684355.15	6477436.77	690779.08	6483860.69	45.0	9.1	2284.2	0.0
202090	Trav	684357.74	6477580.78	690640.22	6483863.26	45.0	8.9	2293.1	0.0
202100	Trav	684360.33	6477724.79	690501.37	6483865.82	45.0	8.7	2301.7	0.0
202110	Trav	684362.92	6477868.80	690362.51	6483868.38	45.0	8.5	2310.2	0.0
202120	Trav	684365.50	6478012.80	690223.65	6483870.95	45.0	8.3	2318.5	0.0
202130	Trav	684368.09	6478156.81	690084.79	6483873.51	45.0	8.1	2326.6	0.0
202140	Trav	684312.17	6478242.31	689945.94	6483876.08	45.0	8.0	2334.6	0.0
202150	Trav	687582.94	6481654.50	689807.08	6483878.64	45.0	3.1	2337.7	0.0
202160	Trav	687585.39	6481798.37	689668.22	6483881.20	45.0	2.9	2340.6	0.0
202170	Trav	687593.88	6481948.29	689529.36	6483883.77	45.0	2.7	2343.4	0.0
202180	Trav	687596.50	6482092.33	689390.51	6483886.33	45.0	2.5	2345.9	0.0
202190	Trav	687599.13	6482236.38	689251.65	6483888.89	45.0	2.3	2348.3	0.0
202200	Trav	687601.76	6482380.43	689112.79	6483891.46	45.0	2.1	2350.4	0.0
202210	Trav	687604.39	6482524.48	688973.93	6483894.02	45.0	1.9	2352.3	0.0
202220	Trav	687607.01	6482668.52	688835.08	6483896.59	45.0	1.7	2354.1	0.0
202230	Trav	687609.64	6482812.58	688696.21	6483899.15	45.0	1.5	2355.6	0.0
202240	Trav	687612.27	6482956.63	688557.36	6483901.71	45.0	1.3	2356.9	0.0
202250	Trav	687614.90	6483100.68	688418.50	6483904.28	45.0	1.1	2358.1	0.0
202260	Trav	687617.52	6483244.72	688279.65	6483906.84	45.0	0.9	2359.0	0.0
202270	Trav	687620.15	6483388.77	688140.79	6483909.41	45.0	0.7	2359.8	0.0
202280	Trav	687622.78	6483532.82	688001.93	6483911.97	45.0	0.5	2360.3	0.0
202290	Trav	687625.41	6483676.87	687863.07	6483914.53	45.0	0.3	2360.6	0.0
290010	Tie	691546.81	6483846.52	692743.87	6482649.46	135.0	1.7	2360.6	1.7
290020	Tie	690106.00	6483873.12	692717.90	6481261.22	135.0	3.7	2360.6	5.4
290030	Tie	688665.18	6483899.72	692691.92	6479872.98	135.0	5.7	2360.6	11.1
290040	Tie	687622.69	6483528.00	695758.44	6475392.25	135.0	11.5	2360.6	22.6
290050	Tie	687597.36	6482139.12	695737.78	6473998.70	135.0	11.5	2360.6	34.1
290060	Tie	687115.44	6481206.80	695710.96	6472611.30	135.0	12.2	2360.6	46.3
290070	Tie	686409.88	6480498.16	695684.49	6471223.56	135.0	13.1	2360.6	59.4
290080	Tie	685704.31	6479789.52	695658.03	6469835.81	135.0	14.1	2360.6	73.4
290090	Tie	684998.75	6479080.88	695631.56	6468448.07	135.0	15.0	2360.6	88.5
290100	Tie	684293.18	6478372.23	695605.09	6467060.32	135.0	16.0	2360.6	104.5
290110	Tie	684345.61	6476905.59	695578.62	6465672.58	135.0	15.9	2360.6	120.4
290120	Tie	684320.66	6475516.32	695552.15	6464284.84	135.0	15.9	2360.6	136.3
290130	Tie	684295.70	6474127.07	695525.68	6462897.09	135.0	15.9	2360.6	152.1
290140	Tie	685820.10	6471188.46	695499.22	6461509.34	135.0	13.7	2360.6	165.8
290150	Tie	685794.90	6469799.45	695472.75	6460121.60	135.0	13.7	2360.6	179.5
290160	Tie	685769.73	6468410.40	695244.98	6458935.15	135.0	13.4	2360.6	192.9
290170	Tie	687292.72	6465473.20	694538.08	6458227.84	135.0	10.2	2360.6	203.2
290180	Tie	687267.26	6464084.45	693827.07	6457524.64	135.0	9.3	2360.6	212.4
290190	Tie	687241.80	6462695.69	693128.68	6456808.81	135.0	8.3	2360.6	220.8
290200	Tie	687216.34	6461306.94	692428.14	6456095.14	135.0	7.4	2360.6	228.1
290210	Tie	687190.88	6459918.19	691387.08	6455721.99	135.0	5.9	2360.6	234.1
290220	Tie	687165.42	6458529.43	689946.07	6455748.78	135.0	3.9	2360.6	238.0
290230	Tie	687139.96	6457140.68	688505.07	6455775.57	135.0	1.9	2360.6	239.9
290240	Tie	692130.58	6455810.89	687113.46	6455901.30	271.0	5.0	2360.6	244.9
290250	Tie	687241.45	6455793.99	687444.28	6467127.30	1.0	11.3	2360.6	256.3
290260	Tie	687492.93	6467000.63	685747.39	6467038.58	271.2	1.7	2360.6	258.0
290270	Tie	685876.55	6466911.79	685965.29	6472709.44	0.9	5.8	2360.6	263.8
290280	Tie	686075.16	6472548.86	684266.56	6472608.02	271.9	1.8	2360.6	265.6
290290	Tie	684406.01	6472489.70	684498.98	6478540.90	0.9	6.1	2360.6	271.7
290300	Tie	687701.63	6481534.11	687749.83	6483906.39	1.2	2.4	2360.6	274.1
290310	Tie	687632.67	6483793.42	692741.47	6483713.92	90.9	5.1	2360.6	279.2



Mendooran (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv	Cumul	Ti	Cumul
290320	Tie	692653.64	6483848.84	692539.80	6476164.69	180.8	7.7	2360.6		286.9	
290330	Tie	692410.92	6476328.97	695791.68	6476274.58	90.9	3.4	2360.6		290.2	
290340	Tie	695661.97	6476379.18	695347.83	6459050.86	181.0	17.3	2360.6		307.6	



Trangie

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv	Cumul	Ti	Cumul
300010	Trav	600620.47	6451478.46	600882.58	6451740.56	45.0	0.4	0.4	0.0		
300020	Trav	600550.41	6451479.11	600883.28	6451811.98	45.0	0.5	0.8	0.0		
300030	Trav	600480.36	6451479.77	600883.99	6451883.40	45.0	0.6	1.4	0.0		
300040	Trav	600410.30	6451480.42	600884.69	6451954.81	45.0	0.7	2.1	0.0		
300050	Trav	600340.25	6451481.08	600885.40	6452026.23	45.0	0.8	2.9	0.0		
300060	Trav	600270.19	6451481.73	600886.10	6452097.65	45.0	0.9	3.7	0.0		
300070	Trav	600200.13	6451482.39	600886.81	6452169.06	45.0	1.0	4.7	0.0		
300080	Trav	600130.08	6451483.04	600887.52	6452240.48	45.0	1.1	5.8	0.0		
300090	Trav	600060.02	6451483.69	600888.22	6452311.90	45.0	1.2	6.9	0.0		
300100	Trav	599989.97	6451484.35	600888.93	6452383.31	45.0	1.3	8.2	0.0		
300110	Trav	599919.91	6451485.00	600889.63	6452454.73	45.0	1.4	9.6	0.0		
300120	Trav	599849.85	6451485.66	600890.34	6452526.14	45.0	1.5	11.1	0.0		
300130	Trav	599779.80	6451486.31	600891.05	6452597.56	45.0	1.6	12.6	0.0		
300140	Trav	599709.74	6451486.97	600891.75	6452668.98	45.0	1.7	14.3	0.0		
300150	Trav	599639.69	6451487.62	600892.46	6452740.39	45.0	1.8	16.1	0.0		
300160	Trav	599569.63	6451488.28	600893.16	6452811.81	45.0	1.9	17.9	0.0		
300170	Trav	599499.57	6451488.93	600893.87	6452883.23	45.0	2.0	19.9	0.0		
300180	Trav	599429.52	6451489.59	600894.57	6452954.64	45.0	2.1	22.0	0.0		
300190	Trav	599359.46	6451490.24	600895.28	6453026.06	45.0	2.2	24.2	0.0		
300200	Trav	599289.41	6451490.90	600895.99	6453097.48	45.0	2.3	26.4	0.0		
300210	Trav	599219.35	6451491.55	600896.69	6453168.89	45.0	2.4	28.8	0.0		
300220	Trav	599149.29	6451492.20	600897.40	6453240.31	45.0	2.5	31.3	0.0		
300230	Trav	599079.24	6451492.86	600898.10	6453311.73	45.0	2.6	33.8	0.0		
300240	Trav	599009.18	6451493.51	600898.81	6453383.14	45.0	2.7	36.5	0.0		
300250	Trav	598939.12	6451494.17	600899.51	6453454.56	45.0	2.8	39.3	0.0		
300260	Trav	598869.07	6451494.82	600899.67	6453525.42	45.0	2.9	42.2	0.0		
300270	Trav	598799.01	6451495.48	600890.42	6453586.89	45.0	3.0	45.1	0.0		
300280	Trav	598728.96	6451496.13	600888.96	6453656.13	45.0	3.1	48.2	0.0		
300290	Trav	598658.90	6451496.79	600873.11	6453711.00	45.0	3.1	51.3	0.0		
300300	Trav	598588.84	6451497.44	600806.44	6453715.04	45.0	3.1	54.4	0.0		
300310	Trav	598518.79	6451498.10	600736.57	6453715.88	45.0	3.1	57.6	0.0		
300320	Trav	598448.73	6451498.75	600675.64	6453725.66	45.0	3.1	60.7	0.0		
300330	Trav	598378.68	6451499.41	600605.61	6453726.34	45.0	3.1	63.9	0.0		
300340	Trav	598308.62	6451500.06	600535.59	6453727.03	45.0	3.1	67.0	0.0		
300350	Trav	598238.56	6451500.71	600465.56	6453727.72	45.0	3.1	70.2	0.0		
300360	Trav	598168.51	6451501.37	600395.54	6453728.40	45.0	3.1	73.3	0.0		
300370	Trav	598098.45	6451502.02	600325.52	6453729.09	45.0	3.1	76.5	0.0		
300380	Trav	598028.40	6451502.68	600255.49	6453729.77	45.0	3.1	79.6	0.0		
300390	Trav	597958.34	6451503.33	600185.47	6453730.46	45.0	3.1	82.8	0.0		
300400	Trav	597888.28	6451503.99	600115.44	6453731.15	45.0	3.1	85.9	0.0		
300410	Trav	597818.23	6451504.64	600045.42	6453731.83	45.0	3.1	89.1	0.0		
300420	Trav	597748.17	6451505.30	599975.40	6453732.52	45.0	3.1	92.2	0.0		
300430	Trav	597678.12	6451505.95	599905.37	6453733.21	45.0	3.1	95.4	0.0		
300440	Trav	597608.06	6451506.61	599835.35	6453733.89	45.0	3.1	98.5	0.0		
300450	Trav	597538.00	6451507.26	599765.32	6453734.58	45.0	3.1	101.7	0.0		
300460	Trav	597467.95	6451507.92	599695.30	6453735.27	45.0	3.1	104.8	0.0		
300470	Trav	597397.89	6451508.57	599625.27	6453735.95	45.0	3.1	108.0	0.0		
300480	Trav	597327.84	6451509.22	599555.25	6453736.64	45.0	3.2	111.1	0.0		
300490	Trav	597257.78	6451509.88	599485.23	6453737.33	45.0	3.2	114.3	0.0		
300500	Trav	597187.72	6451510.53	599415.20	6453738.01	45.0	3.2	117.4	0.0		
300510	Trav	597117.67	6451511.19	599345.18	6453738.70	45.0	3.2	120.6	0.0		
300520	Trav	597047.61	6451511.84	599329.15	6453793.38	45.0	3.2	123.8	0.0		
300530	Trav	596977.56	6451512.50	599329.85	6453864.79	45.0	3.3	127.1	0.0		
300540	Trav	596907.50	6451513.15	599330.54	6453936.19	45.0	3.4	130.6	0.0		
300550	Trav	596837.44	6451513.81	599331.23	6454007.60	45.0	3.5	134.1	0.0		
300560	Trav	596767.39	6451514.46	599331.93	6454079.00	45.0	3.6	137.7	0.0		
300570	Trav	596697.33	6451515.12	599332.62	6454150.41	45.0	3.7	141.4	0.0		
300580	Trav	596627.27	6451515.77	599333.32	6454221.81	45.0	3.8	145.3	0.0		
300590	Trav	596557.22	6451516.43	599334.01	6454293.22	45.0	3.9	149.2	0.0		
300600	Trav	596487.16	6451517.08	599334.71	6454364.62	45.0	4.0	153.2	0.0		
300610	Trav	596417.11	6451517.73	599335.40	6454436.03	45.0	4.1	157.3	0.0		
300620	Trav	596347.05	6451518.39	599336.09	6454507.43	45.0	4.2	161.6	0.0		
300630	Trav	596276.99	6451519.04	599336.79	6454578.84	45.0	4.3	165.9	0.0		
300640	Trav	596206.94	6451519.70	599337.48	6454650.24	45.0	4.4	170.3	0.0		
300650	Trav	596136.88	6451520.35	599338.18	6454721.65	45.0	4.5	174.8	0.0		



Trangie (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv	Cumul	Ti	Cumul
300660	Trav	596066.83	6451521.01	599338.87	6454793.05	45.0	4.6	179.5		0.0	
300670	Trav	595996.77	6451521.66	599339.57	6454864.46	45.0	4.7	184.2		0.0	
300680	Trav	595926.71	6451522.32	599340.26	6454935.86	45.0	4.8	189.0		0.0	
300690	Trav	595856.66	6451522.97	599340.95	6455007.27	45.0	4.9	194.0		0.0	
300700	Trav	595786.60	6451523.63	599341.65	6455078.67	45.0	5.0	199.0		0.0	
300710	Trav	595716.55	6451524.28	599342.34	6455150.08	45.0	5.1	204.1		0.0	
300720	Trav	595646.49	6451524.94	599343.04	6455221.48	45.0	5.2	209.3		0.0	
300730	Trav	595576.43	6451525.59	599343.73	6455292.89	45.0	5.3	214.7		0.0	
300740	Trav	595506.38	6451526.24	599344.43	6455364.29	45.0	5.4	220.1		0.0	
300750	Trav	595436.32	6451526.90	599334.63	6455425.21	45.0	5.5	225.6		0.0	
300760	Trav	595366.27	6451527.55	599330.38	6455491.66	45.0	5.6	231.2		0.0	
300770	Trav	595296.21	6451528.21	599328.49	6455560.49	45.0	5.7	236.9		0.0	
300780	Trav	595226.15	6451528.86	599274.48	6455577.19	45.0	5.7	242.6		0.0	
300790	Trav	595156.10	6451529.52	599205.17	6455578.59	45.0	5.7	248.4		0.0	
300800	Trav	595086.04	6451530.17	599144.24	6455588.37	45.0	5.7	254.1		0.0	
300810	Trav	595015.99	6451530.83	599074.20	6455589.04	45.0	5.7	259.8		0.0	
300820	Trav	594945.93	6451531.48	599004.17	6455589.72	45.0	5.7	265.6		0.0	
300830	Trav	594875.87	6451532.14	598934.13	6455590.39	45.0	5.7	271.3		0.0	
300840	Trav	594805.82	6451532.79	598864.10	6455591.07	45.0	5.7	277.1		0.0	
300850	Trav	594735.76	6451533.45	598794.06	6455591.75	45.0	5.7	282.8		0.0	
300860	Trav	594665.71	6451534.10	598724.03	6455592.42	45.0	5.7	288.5		0.0	
300870	Trav	594595.65	6451534.76	598653.99	6455593.10	45.0	5.7	294.3		0.0	
300880	Trav	594525.59	6451535.41	598583.96	6455593.77	45.0	5.7	300.0		0.0	
300890	Trav	594455.54	6451536.06	598513.92	6455594.45	45.0	5.7	305.8		0.0	
300900	Trav	594385.48	6451536.72	598443.88	6455595.12	45.0	5.7	311.5		0.0	
300910	Trav	594315.42	6451537.37	598373.85	6455595.80	45.0	5.7	317.2		0.0	
300920	Trav	594245.37	6451538.03	598303.81	6455596.47	45.0	5.7	323.0		0.0	
300930	Trav	594175.31	6451538.68	598233.78	6455597.15	45.0	5.7	328.7		0.0	
300940	Trav	594105.26	6451539.34	598163.74	6455597.82	45.0	5.7	334.5		0.0	
300950	Trav	594035.20	6451539.99	598093.71	6455598.50	45.0	5.7	340.2		0.0	
300960	Trav	593965.14	6451540.65	598023.67	6455599.18	45.0	5.7	345.9		0.0	
300970	Trav	593895.09	6451541.30	597953.64	6455599.85	45.0	5.7	351.7		0.0	
300980	Trav	593825.03	6451541.96	597883.60	6455600.53	45.0	5.7	357.4		0.0	
300990	Trav	593754.98	6451542.61	597813.57	6455601.20	45.0	5.7	363.2		0.0	
301000	Trav	593684.92	6451543.27	597773.04	6455631.38	45.0	5.8	368.9		0.0	
301010	Trav	593614.86	6451543.92	597773.72	6455702.78	45.0	5.9	374.8		0.0	
301020	Trav	593544.81	6451544.57	597774.40	6455774.17	45.0	6.0	380.8		0.0	
301030	Trav	593474.75	6451545.23	597775.09	6455845.56	45.0	6.1	386.9		0.0	
301040	Trav	593404.70	6451545.88	597775.77	6455916.96	45.0	6.2	393.1		0.0	
301050	Trav	593334.64	6451546.54	597776.45	6455988.35	45.0	6.3	399.3		0.0	
301060	Trav	593264.58	6451547.19	597777.13	6456059.74	45.0	6.4	405.7		0.0	
301070	Trav	593194.53	6451547.85	597777.82	6456131.14	45.0	6.5	412.2		0.0	
301080	Trav	593124.47	6451548.50	597778.50	6456202.53	45.0	6.6	418.8		0.0	
301090	Trav	593054.42	6451549.16	597779.18	6456273.92	45.0	6.7	425.5		0.0	
301100	Trav	592984.36	6451549.81	597779.87	6456345.32	45.0	6.8	432.3		0.0	
301110	Trav	592914.30	6451550.47	597780.55	6456416.71	45.0	6.9	439.1		0.0	
301120	Trav	592844.25	6451551.12	597781.23	6456488.10	45.0	7.0	446.1		0.0	
301130	Trav	592774.19	6451551.78	597781.91	6456559.50	45.0	7.1	453.2		0.0	
301140	Trav	592704.14	6451552.43	597782.60	6456630.89	45.0	7.2	460.4		0.0	
301150	Trav	592634.08	6451553.08	597783.28	6456702.28	45.0	7.3	467.7		0.0	
301160	Trav	592564.02	6451553.74	597783.96	6456773.68	45.0	7.4	475.0		0.0	
301170	Trav	592493.97	6451554.39	597784.64	6456845.07	45.0	7.5	482.5		0.0	
301180	Trav	592423.91	6451555.05	597785.33	6456916.46	45.0	7.6	490.1		0.0	
301190	Trav	592353.86	6451555.70	597786.01	6456987.86	45.0	7.7	497.8		0.0	
301200	Trav	592283.80	6451556.36	597786.69	6457059.25	45.0	7.8	505.6		0.0	
301210	Trav	592213.74	6451557.01	597787.38	6457130.64	45.0	7.9	513.5		0.0	
301220	Trav	592143.69	6451557.67	597788.06	6457202.04	45.0	8.0	521.4		0.0	
301230	Trav	592073.63	6451558.32	597788.74	6457273.43	45.0	8.1	529.5		0.0	
301240	Trav	592003.58	6451558.98	597789.42	6457344.82	45.0	8.2	537.7		0.0	
301250	Trav	591933.52	6451559.63	597790.11	6457416.22	45.0	8.3	546.0		0.0	
301260	Trav	591863.46	6451560.29	597790.79	6457487.61	45.0	8.4	554.4		0.0	
301270	Trav	591793.41	6451560.94	597791.47	6457559.00	45.0	8.5	562.9		0.0	
301280	Trav	591723.35	6451561.59	597792.15	6457630.40	45.0	8.6	571.4		0.0	
301290	Trav	591653.29	6451562.25	597792.84	6457701.79	45.0	8.7	580.1		0.0	
301300	Trav	591583.24	6451562.90	597793.52	6457773.18	45.0	8.8	588.9		0.0	



Trangie (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv	Cumul	Ti	Cumul
301310	Trav	591513.18	6451563.56	597794.20	6457844.58	45.0	8.9	597.8		0.0	
301320	Trav	591443.13	6451564.21	597794.88	6457915.97	45.0	9.0	606.8		0.0	
301330	Trav	591373.07	6451564.87	597795.57	6457987.36	45.0	9.1	615.9		0.0	
301340	Trav	591303.01	6451565.52	597796.25	6458058.76	45.0	9.2	625.0		0.0	
301350	Trav	591232.96	6451566.18	597796.93	6458130.15	45.0	9.3	634.3		0.0	
301360	Trav	591162.90	6451566.83	597797.62	6458201.54	45.0	9.4	643.7		0.0	
301370	Trav	591092.85	6451567.49	597798.30	6458272.94	45.0	9.5	653.2		0.0	
301380	Trav	591022.79	6451568.14	597798.98	6458344.33	45.0	9.6	662.8		0.0	
301390	Trav	590952.73	6451568.80	597799.66	6458415.72	45.0	9.7	672.4		0.0	
301400	Trav	590882.68	6451569.45	597800.35	6458487.12	45.0	9.8	682.2		0.0	
301410	Trav	590812.62	6451570.10	597801.03	6458558.51	45.0	9.9	692.1		0.0	
301420	Trav	590742.57	6451570.76	597801.71	6458629.91	45.0	10.0	702.1		0.0	
301430	Trav	590672.51	6451571.41	597802.39	6458701.30	45.0	10.1	712.2		0.0	
301440	Trav	590602.45	6451572.07	597803.08	6458772.69	45.0	10.2	722.4		0.0	
301450	Trav	590532.40	6451572.72	597803.76	6458844.09	45.0	10.3	732.6		0.0	
301460	Trav	590462.34	6451573.38	597804.44	6458915.48	45.0	10.4	743.0		0.0	
301470	Trav	590392.29	6451574.03	597805.13	6458986.87	45.0	10.5	753.5		0.0	
301480	Trav	590322.23	6451574.69	597805.81	6459058.27	45.0	10.6	764.1		0.0	
301490	Trav	590252.17	6451575.34	597806.27	6459125.44	45.0	10.7	774.8		0.0	
301500	Trav	590182.12	6451576.00	597806.22	6459194.10	45.0	10.8	785.5		0.0	
301510	Trav	590112.06	6451576.65	597805.14	6459269.73	45.0	10.9	796.4		0.0	
301520	Trav	590042.01	6451577.31	597757.27	6459292.57	45.0	10.9	807.3		0.0	
301530	Trav	589971.95	6451577.96	597682.98	6459288.99	45.0	10.9	818.2		0.0	
301540	Trav	589901.89	6451578.61	597612.58	6459289.30	45.0	10.9	829.1		0.0	
301550	Trav	589831.84	6451579.27	597551.65	6459299.08	45.0	10.9	840.1		0.0	
301560	Trav	589761.78	6451579.92	597481.60	6459299.75	45.0	10.9	851.0		0.0	
301570	Trav	589691.73	6451580.58	597411.56	6459300.41	45.0	10.9	861.9		0.0	
301580	Trav	589630.80	6451590.36	597341.51	6459301.07	45.0	10.9	872.8		0.0	
301590	Trav	589558.24	6451588.52	597271.46	6459301.74	45.0	10.9	883.7		0.0	
301600	Trav	589506.55	6451607.53	597201.42	6459302.40	45.0	10.9	894.6		0.0	
301610	Trav	589490.79	6451662.49	597131.37	6459303.07	45.0	10.8	905.4		0.0	
301620	Trav	589481.14	6451723.55	597061.32	6459303.73	45.0	10.7	916.1		0.0	
301630	Trav	589479.84	6451792.95	596991.28	6459304.40	45.0	10.6	926.7		0.0	
301640	Trav	589479.37	6451863.19	596921.23	6459305.06	45.0	10.5	937.3		0.0	
301650	Trav	589479.99	6451934.53	596851.18	6459305.72	45.0	10.4	947.7		0.0	
301660	Trav	589480.62	6452005.87	596781.14	6459306.39	45.0	10.3	958.0		0.0	
301670	Trav	589481.25	6452077.21	596711.09	6459307.05	45.0	10.2	968.2		0.0	
301680	Trav	589481.88	6452148.55	596641.05	6459307.72	45.0	10.1	978.4		0.0	
301690	Trav	589482.50	6452219.88	596571.00	6459308.38	45.0	10.0	988.4		0.0	
301700	Trav	589483.13	6452291.22	596500.95	6459309.04	45.0	9.9	998.3		0.0	
301710	Trav	589483.76	6452362.56	596430.91	6459309.71	45.0	9.8	1008.1		0.0	
301720	Trav	589484.39	6452433.90	596360.86	6459310.37	45.0	9.7	1017.9		0.0	
301730	Trav	589485.01	6452505.24	596290.81	6459311.04	45.0	9.6	1027.5		0.0	
301740	Trav	589485.64	6452576.58	596233.81	6459324.75	45.0	9.5	1037.0		0.0	
301750	Trav	589486.27	6452647.91	596234.48	6459396.13	45.0	9.5	1046.6		0.0	
301760	Trav	589486.90	6452719.25	596235.16	6459467.51	45.0	9.5	1056.1		0.0	
301770	Trav	589487.52	6452790.59	596235.83	6459538.89	45.0	9.5	1065.7		0.0	
301780	Trav	589488.15	6452861.93	596236.50	6459610.28	45.0	9.5	1075.2		0.0	
301790	Trav	589488.78	6452933.27	596237.17	6459681.66	45.0	9.5	1084.8		0.0	
301800	Trav	589489.41	6453004.60	596237.84	6459753.04	45.0	9.5	1094.3		0.0	
301810	Trav	589490.03	6453075.94	596238.51	6459824.42	45.0	9.5	1103.8		0.0	
301820	Trav	589490.66	6453147.28	596239.18	6459895.80	45.0	9.5	1113.4		0.0	
301830	Trav	589491.29	6453218.62	596239.85	6459967.18	45.0	9.5	1122.9		0.0	
301840	Trav	589491.92	6453289.96	596240.52	6460038.57	45.0	9.5	1132.5		0.0	
301850	Trav	589492.54	6453361.29	596241.20	6460109.95	45.0	9.5	1142.0		0.0	
301860	Trav	589493.17	6453432.63	596241.87	6460181.33	45.0	9.5	1151.6		0.0	
301870	Trav	589493.80	6453503.97	596242.54	6460252.71	45.0	9.5	1161.1		0.0	
301880	Trav	589494.42	6453575.31	596243.21	6460324.09	45.0	9.5	1170.6		0.0	
301890	Trav	589495.05	6453646.65	596243.88	6460395.48	45.0	9.5	1180.2		0.0	
301900	Trav	589495.68	6453717.99	596244.55	6460466.86	45.0	9.5	1189.7		0.0	
301910	Trav	589496.31	6453789.32	596245.22	6460538.24	45.0	9.5	1199.3		0.0	
301920	Trav	589496.93	6453860.66	596245.89	6460609.62	45.0	9.5	1208.8		0.0	
301930	Trav	589497.56	6453932.00	596246.56	6460681.00	45.0	9.5	1218.4		0.0	
301940	Trav	589498.19	6454003.34	596247.24	6460752.38	45.0	9.5	1227.9		0.0	
301950	Trav	589498.82	6454074.68	596247.91	6460823.77	45.0	9.5	1237.5		0.0	



Trangie (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
301960	Trav	589499.44	6454146.01	596248.58	6460895.15	45.0	9.5	1247.0	0.0
301970	Trav	589500.07	6454217.35	596243.76	6460961.04	45.0	9.5	1256.5	0.0
301980	Trav	589500.70	6454288.69	596234.85	6461022.84	45.0	9.5	1266.1	0.0
301990	Trav	589501.33	6454360.03	596229.92	6461088.62	45.0	9.5	1275.6	0.0
302000	Trav	589501.95	6454431.37	596216.55	6461145.97	45.0	9.5	1285.1	0.0
302010	Trav	589502.58	6454502.70	596147.23	6461147.35	45.0	9.4	1294.5	0.0
302020	Trav	589503.21	6454574.04	596080.65	6461151.49	45.0	9.3	1303.8	0.0
302030	Trav	589503.84	6454645.38	596019.72	6461161.27	45.0	9.2	1313.0	0.0
302040	Trav	589504.46	6454716.72	595949.67	6461161.92	45.0	9.1	1322.1	0.0
302050	Trav	589505.09	6454788.06	595879.61	6461162.57	45.0	9.0	1331.1	0.0
302060	Trav	589505.72	6454859.40	595809.55	6461163.23	45.0	8.9	1340.0	0.0
302070	Trav	589506.35	6454930.73	595739.49	6461163.88	45.0	8.8	1348.8	0.0
302080	Trav	589506.97	6455002.07	595669.44	6461164.53	45.0	8.7	1357.6	0.0
302090	Trav	589507.60	6455073.41	595599.38	6461165.19	45.0	8.6	1366.2	0.0
302100	Trav	589508.23	6455144.75	595529.32	6461165.84	45.0	8.5	1374.7	0.0
302110	Trav	589508.86	6455216.09	595459.26	6461166.49	45.0	8.4	1383.1	0.0
302120	Trav	589509.48	6455287.42	595389.21	6461167.15	45.0	8.3	1391.4	0.0
302130	Trav	589510.11	6455358.76	595319.15	6461167.80	45.0	8.2	1399.6	0.0
302140	Trav	589510.74	6455430.10	595249.09	6461168.45	45.0	8.1	1407.8	0.0
302150	Trav	589511.37	6455501.44	595179.03	6461169.10	45.0	8.0	1415.8	0.0
302160	Trav	589511.99	6455572.78	595108.97	6461169.76	45.0	7.9	1423.7	0.0
302170	Trav	589512.62	6455644.11	595038.92	6461170.41	45.0	7.8	1431.5	0.0
302180	Trav	589513.25	6455715.45	594968.86	6461171.06	45.0	7.7	1439.2	0.0
302190	Trav	589513.88	6455786.79	594898.80	6461171.72	45.0	7.6	1446.8	0.0
302200	Trav	589514.50	6455858.13	594828.74	6461172.37	45.0	7.5	1454.3	0.0
302210	Trav	589515.13	6455929.47	594758.69	6461173.02	45.0	7.4	1461.8	0.0
302220	Trav	589515.76	6456000.81	594688.63	6461173.68	45.0	7.3	1469.1	0.0
302230	Trav	589516.39	6456072.14	594676.92	6461232.68	45.0	7.3	1476.4	0.0
302240	Trav	589517.01	6456143.48	594677.58	6461304.05	45.0	7.3	1483.7	0.0
302250	Trav	589517.64	6456214.82	594678.24	6461375.42	45.0	7.3	1491.0	0.0
302260	Trav	589518.27	6456286.16	594678.90	6461446.79	45.0	7.3	1498.3	0.0
302270	Trav	589518.90	6456357.50	594679.56	6461518.16	45.0	7.3	1505.6	0.0
302280	Trav	589519.52	6456428.83	594680.22	6461589.53	45.0	7.3	1512.9	0.0
302290	Trav	589520.15	6456500.17	594680.88	6461660.90	45.0	7.3	1520.2	0.0
302300	Trav	589520.78	6456571.51	594681.54	6461732.27	45.0	7.3	1527.5	0.0
302310	Trav	589521.41	6456642.85	594682.20	6461803.65	45.0	7.3	1534.8	0.0
302320	Trav	589522.03	6456714.19	594682.86	6461875.02	45.0	7.3	1542.1	0.0
302330	Trav	589522.66	6456785.52	594683.52	6461946.39	45.0	7.3	1549.4	0.0
302340	Trav	589523.29	6456856.86	594684.18	6462017.76	45.0	7.3	1556.7	0.0
302350	Trav	589523.91	6456928.20	594684.84	6462089.13	45.0	7.3	1564.0	0.0
302360	Trav	589524.54	6456999.54	594685.50	6462160.50	45.0	7.3	1571.3	0.0
302370	Trav	589525.17	6457070.88	594686.16	6462231.87	45.0	7.3	1578.6	0.0
302380	Trav	589525.80	6457142.22	594686.82	6462303.24	45.0	7.3	1585.9	0.0
302390	Trav	589526.42	6457213.55	594687.48	6462374.61	45.0	7.3	1593.2	0.0
302400	Trav	589527.05	6457284.89	594688.14	6462445.98	45.0	7.3	1600.5	0.0
302410	Trav	589527.68	6457356.23	594688.80	6462517.35	45.0	7.3	1607.8	0.0
302420	Trav	589528.31	6457427.57	594689.46	6462588.72	45.0	7.3	1615.0	0.0
302430	Trav	589528.93	6457498.91	594690.12	6462660.09	45.0	7.3	1622.3	0.0
302440	Trav	589529.56	6457570.24	594690.78	6462731.46	45.0	7.3	1629.6	0.0
302450	Trav	589530.19	6457641.58	594691.44	6462802.83	45.0	7.3	1636.9	0.0
302460	Trav	589530.82	6457712.92	594681.64	6462863.74	45.0	7.3	1644.2	0.0
302470	Trav	589531.44	6457784.26	594679.30	6462932.12	45.0	7.3	1651.5	0.0
302480	Trav	589532.07	6457855.60	594686.93	6463010.46	45.0	7.3	1658.8	0.0
302490	Trav	589532.70	6457926.93	594682.27	6463016.50	45.0	7.2	1666.0	0.0
302500	Trav	589533.33	6457998.27	594548.47	6463013.42	45.0	7.1	1673.1	0.0
302510	Trav	589533.95	6458069.61	594487.54	6463023.20	45.0	7.0	1680.1	0.0
302520	Trav	589534.58	6458140.95	594417.47	6463023.84	45.0	6.9	1687.0	0.0
302530	Trav	589535.21	6458212.29	594347.41	6463024.48	45.0	6.8	1693.8	0.0
302540	Trav	589535.84	6458283.63	594277.34	6463025.13	45.0	6.7	1700.5	0.0
302550	Trav	589536.46	6458354.96	594207.27	6463025.77	45.0	6.6	1707.1	0.0
302560	Trav	589537.09	6458426.30	594137.20	6463026.41	45.0	6.5	1713.6	0.0
302570	Trav	589537.72	6458497.64	594067.13	6463027.05	45.0	6.4	1720.0	0.0
302580	Trav	589538.35	6458568.98	593997.06	6463027.70	45.0	6.3	1726.3	0.0
302590	Trav	589538.97	6458640.32	593927.00	6463028.34	45.0	6.2	1732.5	0.0
302600	Trav	589539.60	6458711.65	593856.93	6463028.98	45.0	6.1	1738.6	0.0



Trangie (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
302610	Trav	589540.23	6458782.99	593786.86	6463029.62	45.0	6.0	1744.7	0.0
302620	Trav	589540.86	6458854.33	593716.79	6463030.26	45.0	5.9	1750.6	0.0
302630	Trav	589519.79	6458903.98	593646.72	6463030.91	45.0	5.8	1756.4	0.0
302640	Trav	589482.16	6458937.06	593576.65	6463031.55	45.0	5.8	1762.2	0.0
302650	Trav	589447.60	6458973.20	593506.58	6463032.19	45.0	5.7	1767.9	0.0
302660	Trav	589377.48	6458973.80	593436.52	6463032.83	45.0	5.7	1773.7	0.0
302670	Trav	589307.36	6458974.39	593366.45	6463033.47	45.0	5.7	1779.4	0.0
302680	Trav	589237.25	6458974.99	593296.38	6463034.12	45.0	5.7	1785.1	0.0
302690	Trav	589167.13	6458975.58	593226.31	6463034.76	45.0	5.7	1790.9	0.0
302700	Trav	589097.02	6458976.18	593156.24	6463035.40	45.0	5.7	1796.6	0.0
302710	Trav	589026.90	6458976.77	593118.79	6463068.67	45.0	5.8	1802.4	0.0
302720	Trav	588956.78	6458977.36	593119.44	6463140.02	45.0	5.9	1808.3	0.0
302730	Trav	588886.67	6458977.96	593120.09	6463211.38	45.0	6.0	1814.3	0.0
302740	Trav	588816.55	6458978.55	593120.74	6463282.74	45.0	6.1	1820.4	0.0
302750	Trav	588746.43	6458979.15	593121.39	6463354.10	45.0	6.2	1826.6	0.0
302760	Trav	588676.32	6458979.74	593122.04	6463425.46	45.0	6.3	1832.8	0.0
302770	Trav	588606.20	6458980.34	593122.68	6463496.82	45.0	6.4	1839.2	0.0
302780	Trav	588536.09	6458980.93	593123.33	6463568.18	45.0	6.5	1845.7	0.0
302790	Trav	588465.97	6458981.53	593123.98	6463639.54	45.0	6.6	1852.3	0.0
302800	Trav	588395.85	6458982.12	593124.63	6463710.90	45.0	6.7	1859.0	0.0
302810	Trav	588325.74	6458982.71	593125.28	6463782.26	45.0	6.8	1865.8	0.0
302820	Trav	588255.62	6458983.31	593125.93	6463853.61	45.0	6.9	1872.7	0.0
302830	Trav	588185.51	6458983.90	593126.57	6463924.97	45.0	7.0	1879.7	0.0
302840	Trav	588115.39	6458984.50	593127.22	6463996.33	45.0	7.1	1886.7	0.0
302850	Trav	588045.27	6458985.09	593127.87	6464067.69	45.0	7.2	1893.9	0.0
302860	Trav	587975.16	6458985.69	593128.52	6464139.05	45.0	7.3	1901.2	0.0
302870	Trav	587905.04	6458986.28	593129.17	6464210.41	45.0	7.4	1908.6	0.0
302880	Trav	587834.92	6458986.88	593129.82	6464281.77	45.0	7.5	1916.1	0.0
302890	Trav	587764.81	6458987.47	593130.46	6464353.13	45.0	7.6	1923.7	0.0
302900	Trav	587694.69	6458988.07	593131.11	6464424.49	45.0	7.7	1931.4	0.0
302910	Trav	587624.58	6458988.66	593131.76	6464495.84	45.0	7.8	1939.2	0.0
302920	Trav	587554.46	6458989.25	593132.41	6464567.20	45.0	7.9	1947.1	0.0
302930	Trav	587484.34	6458989.85	593133.06	6464638.56	45.0	8.0	1955.0	0.0
302940	Trav	587414.23	6458990.44	593133.30	6464709.51	45.0	8.1	1963.1	0.0
302950	Trav	587344.11	6458991.04	593134.29	6464781.22	45.0	8.2	1971.3	0.0
302960	Trav	587273.99	6458991.63	593132.95	6464850.59	45.0	8.3	1979.6	0.0
302970	Trav	587203.88	6458992.23	593090.81	6464879.16	45.0	8.3	1987.9	0.0
302980	Trav	587133.76	6458992.82	593018.36	6464877.42	45.0	8.3	1996.3	0.0
302990	Trav	587063.65	6458993.42	592955.25	6464885.02	45.0	8.3	2004.6	0.0
303000	Trav	586993.53	6458994.01	592885.04	6464885.52	45.0	8.3	2012.9	0.0
303010	Trav	586923.41	6458994.60	592814.96	6464886.15	45.0	8.3	2021.2	0.0
303020	Trav	586853.30	6458995.20	592744.88	6464886.78	45.0	8.3	2029.6	0.0
303030	Trav	586783.18	6458995.79	592674.80	6464887.41	45.0	8.3	2037.9	0.0
303040	Trav	586713.07	6458996.39	592604.72	6464888.04	45.0	8.3	2046.2	0.0
303050	Trav	586642.95	6458996.98	592534.64	6464888.67	45.0	8.3	2054.6	0.0
303060	Trav	586572.83	6458997.58	592464.56	6464889.30	45.0	8.3	2062.9	0.0
303070	Trav	586502.72	6458998.17	592394.48	6464889.93	45.0	8.3	2071.2	0.0
303080	Trav	586432.60	6458998.77	592324.40	6464890.56	45.0	8.3	2079.6	0.0
303090	Trav	586362.48	6458999.36	592254.32	6464891.20	45.0	8.3	2087.9	0.0
303100	Trav	586292.37	6458999.96	592184.24	6464891.83	45.0	8.3	2096.2	0.0
303110	Trav	586222.25	6459000.55	592114.16	6464892.46	45.0	8.3	2104.6	0.0
303120	Trav	586152.14	6459001.14	592044.08	6464893.09	45.0	8.3	2112.9	0.0
303130	Trav	586082.02	6459001.74	591974.00	6464893.72	45.0	8.3	2121.2	0.0
303140	Trav	586011.90	6459002.33	591903.92	6464894.35	45.0	8.3	2129.6	0.0
303150	Trav	585941.79	6459002.93	591833.84	6464894.98	45.0	8.3	2137.9	0.0
303160	Trav	585871.67	6459003.52	591763.76	6464895.61	45.0	8.3	2146.2	0.0
303170	Trav	585801.55	6459004.12	591693.68	6464896.24	45.0	8.3	2154.6	0.0
303180	Trav	585731.44	6459004.71	591623.60	6464896.88	45.0	8.3	2162.9	0.0
303190	Trav	585661.32	6459005.31	591560.10	6464904.08	45.0	8.3	2171.2	0.0
303200	Trav	585591.21	6459005.90	591560.74	6464975.43	45.0	8.4	2179.7	0.0
303210	Trav	585521.09	6459006.49	591561.37	6465046.78	45.0	8.5	2188.2	0.0
303220	Trav	585450.97	6459007.09	591562.01	6465118.12	45.0	8.6	2196.9	0.0
303230	Trav	585380.86	6459007.68	591562.65	6465189.47	45.0	8.7	2205.6	0.0
303240	Trav	585310.74	6459008.28	591563.28	6465260.82	45.0	8.8	2214.5	0.0
303250	Trav	585240.63	6459008.87	591563.92	6465332.17	45.0	8.9	2223.4	0.0



Trangie (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
303260	Trav	585170.51	6459009.47	591564.56	6465403.51	45.0	9.0	2232.4	0.0
303270	Trav	585100.39	6459010.06	591565.19	6465474.86	45.0	9.1	2241.6	0.0
303280	Trav	585030.28	6459010.66	591565.83	6465546.21	45.0	9.2	2250.8	0.0
303290	Trav	584960.16	6459011.25	591566.47	6465617.56	45.0	9.3	2260.2	0.0
303300	Trav	584890.04	6459011.85	591567.10	6465688.90	45.0	9.4	2269.6	0.0
303310	Trav	584819.93	6459012.44	591567.74	6465760.25	45.0	9.5	2279.2	0.0
303320	Trav	584749.81	6459013.03	591568.38	6465831.60	45.0	9.6	2288.8	0.0
303330	Trav	584679.70	6459013.63	591569.02	6465902.95	45.0	9.7	2298.5	0.0
303340	Trav	584609.58	6459014.22	591569.65	6465974.30	45.0	9.8	2308.4	0.0
303350	Trav	584539.46	6459014.82	591570.29	6466045.64	45.0	9.9	2318.3	0.0
303360	Trav	584469.35	6459015.41	591570.93	6466116.99	45.0	10.0	2328.4	0.0
303370	Trav	584399.23	6459016.01	591571.56	6466188.34	45.0	10.1	2338.5	0.0
303380	Trav	584329.12	6459016.60	591572.20	6466259.69	45.0	10.2	2348.8	0.0
303390	Trav	584259.00	6459017.20	591572.84	6466331.03	45.0	10.3	2359.1	0.0
303400	Trav	584188.88	6459017.79	591573.47	6466402.38	45.0	10.4	2369.5	0.0
303410	Trav	584118.77	6459018.38	591574.11	6466473.73	45.0	10.5	2380.1	0.0
303420	Trav	584048.65	6459018.98	591574.75	6466545.08	45.0	10.6	2390.7	0.0
303430	Trav	583978.53	6459019.57	591564.95	6466605.99	45.0	10.7	2401.5	0.0
303440	Trav	583908.42	6459020.17	591560.12	6466671.87	45.0	10.8	2412.3	0.0
303450	Trav	583838.30	6459020.76	591551.95	6466734.41	45.0	10.9	2423.2	0.0
303460	Trav	583768.19	6459021.36	591490.81	6466743.98	45.0	10.9	2434.1	0.0
303470	Trav	583698.07	6459021.95	591421.50	6466745.38	45.0	10.9	2445.0	0.0
303480	Trav	583627.95	6459022.55	591352.34	6466746.94	45.0	10.9	2456.0	0.0
303490	Trav	583557.84	6459023.14	591282.25	6466747.55	45.0	10.9	2466.9	0.0
303500	Trav	583487.72	6459023.74	591212.15	6466748.17	45.0	10.9	2477.8	0.0
303510	Trav	583421.06	6459027.78	591142.06	6466748.78	45.0	10.9	2488.7	0.0
303520	Trav	583355.41	6459032.84	591071.96	6466749.39	45.0	10.9	2499.6	0.0
303530	Trav	583287.99	6459036.14	591001.86	6466750.01	45.0	10.9	2510.5	0.0
303540	Trav	583251.74	6459070.59	590931.77	6466750.62	45.0	10.9	2521.4	0.0
303550	Trav	583252.00	6459141.57	590861.67	6466751.24	45.0	10.8	2532.2	0.0
303560	Trav	583247.17	6459207.45	590791.58	6466751.85	45.0	10.7	2542.8	0.0
303570	Trav	583247.75	6459278.74	590721.48	6466752.47	45.0	10.6	2553.4	0.0
303580	Trav	583247.32	6459349.02	590651.38	6466753.08	45.0	10.5	2563.9	0.0
303590	Trav	583247.90	6459420.31	590581.29	6466753.70	45.0	10.4	2574.2	0.0
303600	Trav	583248.48	6459491.60	590511.19	6466754.31	45.0	10.3	2584.5	0.0
303610	Trav	583249.06	6459562.90	590441.10	6466754.93	45.0	10.2	2594.7	0.0
303620	Trav	583249.65	6459634.19	590371.00	6466755.54	45.0	10.1	2604.8	0.0
303630	Trav	583250.23	6459705.48	590300.90	6466756.16	45.0	10.0	2614.7	0.0
303640	Trav	583250.81	6459776.78	590230.81	6466756.77	45.0	9.9	2624.6	0.0
303650	Trav	583251.39	6459848.07	590160.71	6466757.39	45.0	9.8	2634.4	0.0
303660	Trav	583251.98	6459919.36	590090.62	6466758.00	45.0	9.7	2644.0	0.0
303670	Trav	583252.56	6459990.65	590020.52	6466758.62	45.0	9.6	2653.6	0.0
303680	Trav	583253.14	6460061.95	589950.43	6466759.23	45.0	9.5	2663.1	0.0
303690	Trav	583253.72	6460133.24	589880.33	6466759.85	45.0	9.4	2672.5	0.0
303700	Trav	583254.30	6460204.53	589810.23	6466760.46	45.0	9.3	2681.7	0.0
303710	Trav	583254.89	6460275.83	589740.14	6466761.08	45.0	9.2	2690.9	0.0
303720	Trav	583255.47	6460347.12	589670.04	6466761.69	45.0	9.1	2700.0	0.0
303730	Trav	583256.05	6460418.41	589599.95	6466762.31	45.0	9.0	2708.9	0.0
303740	Trav	583256.63	6460489.70	589529.85	6466762.92	45.0	8.9	2717.8	0.0
303750	Trav	583257.22	6460561.00	589459.75	6466763.54	45.0	8.8	2726.6	0.0
303760	Trav	583257.80	6460632.29	589389.66	6466764.15	45.0	8.7	2735.3	0.0
303770	Trav	583258.38	6460703.58	589319.56	6466764.77	45.0	8.6	2743.8	0.0
303780	Trav	583258.96	6460774.88	589249.47	6466765.38	45.0	8.5	2752.3	0.0
303790	Trav	583259.54	6460846.17	589179.37	6466765.99	45.0	8.4	2760.7	0.0
303800	Trav	583260.13	6460917.46	589109.27	6466766.61	45.0	8.3	2768.9	0.0
303810	Trav	583260.71	6460988.75	589039.18	6466767.22	45.0	8.2	2777.1	0.0
303820	Trav	583261.29	6461060.05	588969.08	6466767.84	45.0	8.1	2785.2	0.0
303830	Trav	583261.87	6461131.34	588898.99	6466768.45	45.0	8.0	2793.2	0.0
303840	Trav	583262.46	6461202.63	588828.89	6466769.07	45.0	7.9	2801.0	0.0
303850	Trav	583263.04	6461273.93	588758.80	6466769.68	45.0	7.8	2808.8	0.0
303860	Trav	583263.62	6461345.22	588688.70	6466770.30	45.0	7.7	2816.5	0.0
303870	Trav	583264.20	6461416.51	588618.60	6466770.91	45.0	7.6	2824.1	0.0
303880	Trav	583264.78	6461487.80	588548.51	6466771.53	45.0	7.5	2831.5	0.0
303890	Trav	583265.37	6461559.10	588478.41	6466772.14	45.0	7.4	2838.9	0.0
303900	Trav	583265.95	6461630.39	588425.64	6466790.08	45.0	7.3	2846.2	0.0



Trangie (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
303910	Trav	583266.53	6461701.68	588426.25	6466861.41	45.0	7.3	2853.5	0.0
303920	Trav	583267.11	6461772.98	588426.87	6466932.73	45.0	7.3	2860.8	0.0
303930	Trav	583267.70	6461844.27	588427.48	6467004.06	45.0	7.3	2868.1	0.0
303940	Trav	583268.28	6461915.56	588428.10	6467075.38	45.0	7.3	2875.4	0.0
303950	Trav	583268.86	6461986.86	588428.71	6467146.71	45.0	7.3	2882.7	0.0
303960	Trav	583269.44	6462058.15	588429.33	6467218.03	45.0	7.3	2890.0	0.0
303970	Trav	583270.02	6462129.44	588429.94	6467289.36	45.0	7.3	2897.3	0.0
303980	Trav	583270.61	6462200.73	588430.56	6467360.68	45.0	7.3	2904.6	0.0
303990	Trav	583271.19	6462272.03	588431.17	6467432.01	45.0	7.3	2911.9	0.0
304000	Trav	583271.77	6462343.32	588431.78	6467503.33	45.0	7.3	2919.2	0.0
304010	Trav	583272.35	6462414.61	588432.40	6467574.66	45.0	7.3	2926.5	0.0
304020	Trav	583272.94	6462485.91	588433.01	6467645.98	45.0	7.3	2933.8	0.0
304030	Trav	583273.52	6462557.20	588433.63	6467717.31	45.0	7.3	2941.1	0.0
304040	Trav	583274.10	6462628.49	588434.24	6467788.63	45.0	7.3	2948.4	0.0
304050	Trav	583274.68	6462699.78	588434.86	6467859.96	45.0	7.3	2955.7	0.0
304060	Trav	583225.24	6462721.05	588435.47	6467931.28	45.0	7.4	2963.0	0.0
304070	Trav	583155.10	6462721.62	588436.09	6468002.61	45.0	7.5	2970.5	0.0
304080	Trav	583084.96	6462722.19	588436.70	6468073.93	45.0	7.6	2978.1	0.0
304090	Trav	583014.81	6462722.76	588437.31	6468145.26	45.0	7.7	2985.7	0.0
304100	Trav	582944.67	6462723.32	588437.93	6468216.58	45.0	7.8	2993.5	0.0
304110	Trav	582874.52	6462723.89	588438.54	6468287.91	45.0	7.9	3001.4	0.0
304120	Trav	582804.38	6462724.46	588439.16	6468359.23	45.0	8.0	3009.3	0.0
304130	Trav	582734.24	6462725.02	588431.12	6468421.91	45.0	8.1	3017.4	0.0
304140	Trav	582664.09	6462725.59	588422.21	6468483.71	45.0	8.1	3025.5	0.0
304150	Trav	582593.95	6462726.16	588424.53	6468556.74	45.0	8.2	3033.8	0.0
304160	Trav	582523.81	6462726.73	588400.06	6468602.98	45.0	8.3	3042.1	0.0
304170	Trav	582453.66	6462727.29	588340.70	6468614.33	45.0	8.3	3050.4	0.0
304180	Trav	582383.52	6462727.86	588267.99	6468612.33	45.0	8.3	3058.7	0.0
304190	Trav	582313.38	6462728.43	588207.06	6468622.12	45.0	8.3	3067.1	0.0
304200	Trav	582243.23	6462728.99	588136.95	6468622.71	45.0	8.3	3075.4	0.0
304210	Trav	582173.09	6462729.56	588066.84	6468623.31	45.0	8.3	3083.7	0.0
304220	Trav	582102.95	6462730.13	587996.73	6468623.91	45.0	8.3	3092.1	0.0
304230	Trav	582032.80	6462730.70	587926.62	6468624.51	45.0	8.3	3100.4	0.0
304240	Trav	581962.66	6462731.26	587856.50	6468625.11	45.0	8.3	3108.7	0.0
304250	Trav	581892.52	6462731.83	587786.39	6468625.71	45.0	8.3	3117.1	0.0
304260	Trav	581825.48	6462735.50	587716.28	6468626.30	45.0	8.3	3125.4	0.0
304270	Trav	581759.78	6462740.51	587646.17	6468626.90	45.0	8.3	3133.7	0.0
304280	Trav	581699.59	6462751.04	587576.05	6468627.50	45.0	8.3	3142.0	0.0
304290	Trav	581702.29	6462824.45	587505.94	6468628.10	45.0	8.2	3150.3	0.0
304300	Trav	581702.27	6462895.14	587435.83	6468628.70	45.0	8.1	3158.4	0.0
304310	Trav	581702.84	6462966.42	587365.72	6468629.30	45.0	8.0	3166.4	0.0
304320	Trav	581702.42	6463036.71	587295.61	6468629.90	45.0	7.9	3174.3	0.0
304330	Trav	581702.99	6463107.99	587225.49	6468630.49	45.0	7.8	3182.1	0.0
304340	Trav	581703.56	6463179.27	587155.38	6468631.09	45.0	7.7	3189.8	0.0
304350	Trav	581704.13	6463250.55	587085.27	6468631.69	45.0	7.6	3197.4	0.0
304360	Trav	581704.70	6463321.83	587015.16	6468632.29	45.0	7.5	3204.9	0.0
304370	Trav	581705.27	6463393.11	586945.04	6468632.89	45.0	7.4	3212.3	0.0
304380	Trav	581705.84	6463464.40	586900.25	6468658.81	45.0	7.3	3219.7	0.0
304390	Trav	581706.41	6463535.68	586866.13	6468695.39	45.0	7.3	3227.0	0.0
304400	Trav	581706.98	6463606.96	586866.73	6468766.71	45.0	7.3	3234.3	0.0
304410	Trav	581707.55	6463678.24	586867.33	6468838.02	45.0	7.3	3241.6	0.0
304420	Trav	581708.12	6463749.52	586867.94	6468909.33	45.0	7.3	3248.9	0.0
304430	Trav	581708.69	6463820.80	586868.54	6468980.65	45.0	7.3	3256.2	0.0
304440	Trav	581709.26	6463892.08	586869.14	6469051.96	45.0	7.3	3263.5	0.0
304450	Trav	581709.84	6463963.36	586869.75	6469123.28	45.0	7.3	3270.8	0.0
304460	Trav	581710.41	6464034.65	586870.35	6469194.59	45.0	7.3	3278.1	0.0
304470	Trav	581710.98	6464105.93	586870.95	6469265.90	45.0	7.3	3285.4	0.0
304480	Trav	581711.55	6464177.21	586871.56	6469337.22	45.0	7.3	3292.6	0.0
304490	Trav	581712.12	6464248.49	586872.16	6469408.53	45.0	7.3	3299.9	0.0
304500	Trav	581712.69	6464319.77	586872.76	6469479.84	45.0	7.3	3307.2	0.0
304510	Trav	581713.26	6464391.05	586873.37	6469551.16	45.0	7.3	3314.5	0.0
304520	Trav	581713.83	6464462.33	586873.97	6469622.47	45.0	7.3	3321.8	0.0
304530	Trav	581714.40	6464533.61	586874.57	6469693.79	45.0	7.3	3329.1	0.0
304540	Trav	581714.97	6464604.90	586875.18	6469765.10	45.0	7.3	3336.4	0.0
304550	Trav	581715.54	6464676.18	586875.78	6469836.41	45.0	7.3	3343.7	0.0



Trangie (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
304560	Trav	581716.11	6464747.46	586876.38	6469907.73	45.0	7.3	3351.0	0.0
304570	Trav	581716.68	6464818.74	586876.98	6469979.04	45.0	7.3	3358.3	0.0
304580	Trav	581717.25	6464890.02	586877.59	6470050.36	45.0	7.3	3365.6	0.0
304590	Trav	581717.82	6464961.30	586878.19	6470121.67	45.0	7.3	3372.9	0.0
304600	Trav	581718.39	6465032.58	586878.79	6470192.98	45.0	7.3	3380.2	0.0
304610	Trav	581718.97	6465103.86	586879.40	6470264.30	45.0	7.3	3387.5	0.0
304620	Trav	581719.54	6465175.15	586869.60	6470325.21	45.0	7.3	3394.8	0.0
304630	Trav	581720.11	6465246.43	586872.70	6470399.02	45.0	7.3	3402.1	0.0
304640	Trav	581720.68	6465317.71	586871.87	6470468.90	45.0	7.3	3409.4	0.0
304650	Trav	581721.25	6465388.99	586807.98	6470475.72	45.0	7.2	3416.6	0.0
304660	Trav	581721.82	6465460.27	586741.29	6470479.74	45.0	7.1	3423.7	0.0
304670	Trav	581722.39	6465531.55	586673.63	6470482.79	45.0	7.0	3430.7	0.0
304680	Trav	581722.96	6465602.83	586603.50	6470483.38	45.0	6.9	3437.6	0.0
304690	Trav	581723.53	6465674.11	586533.38	6470483.97	45.0	6.8	3444.4	0.0
304700	Trav	581724.10	6465745.40	586463.26	6470484.55	45.0	6.7	3451.1	0.0
304710	Trav	581724.67	6465816.68	586393.13	6470485.14	45.0	6.6	3457.7	0.0
304720	Trav	581725.24	6465887.96	586323.01	6470485.73	45.0	6.5	3464.2	0.0
304730	Trav	581725.81	6465959.24	586252.89	6470486.32	45.0	6.4	3470.6	0.0
304740	Trav	581726.38	6466030.52	586182.76	6470486.90	45.0	6.3	3476.9	0.0
304750	Trav	581726.95	6466101.80	586112.64	6470487.49	45.0	6.2	3483.1	0.0
304760	Trav	581727.52	6466173.08	586042.52	6470488.08	45.0	6.1	3489.2	0.0
304770	Trav	581728.10	6466244.37	585972.40	6470488.67	45.0	6.0	3495.2	0.0
304780	Trav	581728.67	6466315.65	585902.27	6470489.25	45.0	5.9	3501.1	0.0
304790	Trav	581729.24	6466386.93	585832.15	6470489.84	45.0	5.8	3506.9	0.0
304800	Trav	581700.10	6466428.50	585762.03	6470490.43	45.0	5.7	3512.6	0.0
304810	Trav	581629.94	6466429.05	585691.90	6470491.02	45.0	5.7	3518.4	0.0
304820	Trav	581559.79	6466429.61	585621.78	6470491.60	45.0	5.7	3524.1	0.0
304830	Trav	581489.63	6466430.17	585551.66	6470492.19	45.0	5.7	3529.9	0.0
304840	Trav	581419.48	6466430.72	585481.53	6470492.78	45.0	5.7	3535.6	0.0
304850	Trav	581349.32	6466431.28	585411.41	6470493.37	45.0	5.7	3541.4	0.0
304860	Trav	581279.17	6466431.83	585341.29	6470493.95	45.0	5.7	3547.1	0.0
304870	Trav	581209.01	6466432.39	585305.44	6470528.81	45.0	5.8	3552.9	0.0
304880	Trav	581138.86	6466432.94	585306.03	6470600.11	45.0	5.9	3558.8	0.0
304890	Trav	581068.70	6466433.50	585306.62	6470671.42	45.0	6.0	3564.8	0.0
304900	Trav	580998.55	6466434.06	585307.21	6470742.72	45.0	6.1	3570.9	0.0
304910	Trav	580928.39	6466434.61	585307.80	6470814.02	45.0	6.2	3577.1	0.0
304920	Trav	580858.24	6466435.17	585308.39	6470885.32	45.0	6.3	3583.4	0.0
304930	Trav	580788.08	6466435.72	585308.99	6470956.63	45.0	6.4	3589.8	0.0
304940	Trav	580717.93	6466436.28	585309.58	6471027.93	45.0	6.5	3596.3	0.0
304950	Trav	580647.77	6466436.84	585310.17	6471099.23	45.0	6.6	3602.8	0.0
304960	Trav	580577.62	6466437.39	585310.76	6471170.53	45.0	6.7	3609.5	0.0
304970	Trav	580507.46	6466437.95	585311.35	6471241.84	45.0	6.8	3616.3	0.0
304980	Trav	580437.31	6466438.50	585311.94	6471313.14	45.0	6.9	3623.2	0.0
304990	Trav	580367.15	6466439.06	585312.54	6471384.44	45.0	7.0	3630.2	0.0
305000	Trav	580299.65	6466442.26	585313.13	6471455.74	45.0	7.1	3637.3	0.0
305010	Trav	580235.07	6466448.40	585313.72	6471527.05	45.0	7.2	3644.5	0.0
305020	Trav	580164.76	6466448.80	585314.31	6471598.35	45.0	7.3	3651.8	0.0
305030	Trav	580153.96	6466508.71	585314.90	6471669.65	45.0	7.3	3659.1	0.0
305040	Trav	580156.21	6466581.67	585315.50	6471740.95	45.0	7.3	3666.4	0.0
305050	Trav	580156.77	6466652.94	585316.09	6471812.26	45.0	7.3	3673.7	0.0
305060	Trav	580156.35	6466723.23	585316.68	6471883.56	45.0	7.3	3681.0	0.0
305070	Trav	580156.91	6466794.50	585317.27	6471954.86	45.0	7.3	3688.3	0.0
305080	Trav	580157.47	6466865.77	585317.86	6472026.16	45.0	7.3	3695.6	0.0
305090	Trav	580158.03	6466937.04	585318.45	6472097.47	45.0	7.3	3702.9	0.0
305100	Trav	580158.59	6467008.31	585308.66	6472158.38	45.0	7.3	3710.1	0.0
305110	Trav	580159.15	6467079.58	585313.83	6472234.26	45.0	7.3	3717.4	0.0
305120	Trav	580159.71	6467150.85	585310.29	6472301.43	45.0	7.3	3724.7	0.0
305130	Trav	580160.27	6467222.12	585269.90	6472331.75	45.0	7.2	3731.9	0.0
305140	Trav	580160.82	6467293.39	585204.93	6472337.50	45.0	7.1	3739.1	0.0
305150	Trav	580161.38	6467364.66	585139.16	6472342.44	45.0	7.0	3746.1	0.0
305160	Trav	580161.94	6467435.93	585069.81	6472343.79	45.0	6.9	3753.1	0.0
305170	Trav	580162.50	6467507.20	584999.67	6472344.37	45.0	6.8	3759.9	0.0
305180	Trav	580163.06	6467578.47	584929.54	6472344.95	45.0	6.7	3766.6	0.0
305190	Trav	580163.62	6467649.74	584859.40	6472345.52	45.0	6.6	3773.3	0.0
305200	Trav	580164.18	6467721.01	584789.27	6472346.10	45.0	6.5	3779.8	0.0



Trangie (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
305210	Trav	580164.74	6467792.28	584719.14	6472346.68	45.0	6.4	3786.3	0.0
305220	Trav	580165.30	6467863.55	584649.00	6472347.25	45.0	6.3	3792.6	0.0
305230	Trav	580165.86	6467934.82	584578.87	6472347.83	45.0	6.2	3798.8	0.0
305240	Trav	580166.41	6468006.09	584508.73	6472348.41	45.0	6.1	3805.0	0.0
305250	Trav	580166.97	6468077.36	584438.60	6472348.98	45.0	6.0	3811.0	0.0
305260	Trav	580167.53	6468148.63	584368.46	6472349.56	45.0	5.9	3817.0	0.0
305270	Trav	580168.09	6468219.90	584298.33	6472350.13	45.0	5.8	3822.8	0.0
305280	Trav	580168.65	6468291.17	584228.20	6472350.71	45.0	5.7	3828.6	0.0
305290	Trav	580169.21	6468362.44	584158.06	6472351.29	45.0	5.6	3834.2	0.0
305300	Trav	580169.77	6468433.71	584087.93	6472351.86	45.0	5.5	3839.7	0.0
305310	Trav	580170.33	6468504.97	584017.79	6472352.44	45.0	5.4	3845.2	0.0
305320	Trav	580170.89	6468576.24	583947.66	6472353.02	45.0	5.3	3850.5	0.0
305330	Trav	580171.45	6468647.51	583877.53	6472353.59	45.0	5.2	3855.8	0.0
305340	Trav	580172.01	6468718.78	583807.39	6472354.17	45.0	5.1	3860.9	0.0
305350	Trav	580172.56	6468790.05	583744.17	6472361.66	45.0	5.1	3865.9	0.0
305360	Trav	580173.12	6468861.32	583744.76	6472432.96	45.0	5.1	3871.0	0.0
305370	Trav	580173.68	6468932.59	583745.34	6472504.25	45.0	5.1	3876.1	0.0
305380	Trav	580174.24	6469003.86	583745.92	6472575.54	45.0	5.1	3881.1	0.0
305390	Trav	580174.80	6469075.13	583746.50	6472646.83	45.0	5.1	3886.2	0.0
305400	Trav	580175.36	6469146.40	583747.08	6472718.12	45.0	5.1	3891.2	0.0
305410	Trav	580175.92	6469217.67	583747.66	6472789.41	45.0	5.1	3896.3	0.0
305420	Trav	580176.48	6469288.94	583748.24	6472860.70	45.0	5.1	3901.3	0.0
305430	Trav	580177.04	6469360.21	583748.82	6472931.99	45.0	5.1	3906.4	0.0
305440	Trav	580177.60	6469431.48	583749.40	6473003.28	45.0	5.1	3911.4	0.0
305450	Trav	580178.15	6469502.75	583749.98	6473074.57	45.0	5.1	3916.5	0.0
305460	Trav	580178.71	6469574.02	583750.56	6473145.86	45.0	5.1	3921.5	0.0
305470	Trav	580179.27	6469645.29	583751.14	6473217.15	45.0	5.1	3926.6	0.0
305480	Trav	580179.83	6469716.56	583751.72	6473288.45	45.0	5.1	3931.6	0.0
305490	Trav	580180.39	6469787.83	583752.30	6473359.74	45.0	5.1	3936.7	0.0
305500	Trav	580180.95	6469859.10	583752.88	6473431.03	45.0	5.1	3941.7	0.0
305510	Trav	580181.51	6469930.37	583753.46	6473502.32	45.0	5.1	3946.8	0.0
305520	Trav	580182.07	6470001.64	583754.04	6473573.61	45.0	5.1	3951.8	0.0
305530	Trav	580182.63	6470072.91	583754.62	6473644.90	45.0	5.1	3956.9	0.0
305540	Trav	580174.67	6470135.66	583755.20	6473716.19	45.0	5.1	3961.9	0.0
305550	Trav	580104.50	6470136.21	583755.78	6473787.48	45.0	5.2	3967.1	0.0
305560	Trav	580034.34	6470136.75	583756.36	6473858.77	45.0	5.3	3972.4	0.0
305570	Trav	579964.17	6470137.30	583756.94	6473930.06	45.0	5.4	3977.7	0.0
305580	Trav	579894.01	6470137.84	583757.52	6474001.35	45.0	5.5	3983.2	0.0
305590	Trav	579823.84	6470138.39	583758.10	6474072.65	45.0	5.6	3988.8	0.0
305600	Trav	579753.67	6470138.93	583758.68	6474143.94	45.0	5.7	3994.4	0.0
305610	Trav	579683.51	6470139.48	583759.26	6474215.23	45.0	5.8	4000.2	0.0
305620	Trav	579613.34	6470140.02	583759.84	6474286.52	45.0	5.9	4006.0	0.0
305630	Trav	579543.18	6470140.57	583760.42	6474357.81	45.0	6.0	4012.0	0.0
305640	Trav	579473.01	6470141.11	583761.00	6474429.10	45.0	6.1	4018.1	0.0
305650	Trav	579402.84	6470141.65	583761.58	6474500.39	45.0	6.2	4024.2	0.0
305660	Trav	579332.68	6470142.20	583762.16	6474571.68	45.0	6.3	4030.5	0.0
305670	Trav	579262.51	6470142.74	583762.74	6474642.97	45.0	6.4	4036.9	0.0
305680	Trav	579192.35	6470143.29	583763.32	6474714.26	45.0	6.5	4043.3	0.0
305690	Trav	579122.18	6470143.83	583763.90	6474785.55	45.0	6.6	4049.9	0.0
305700	Trav	579052.02	6470144.38	583764.48	6474856.84	45.0	6.7	4056.6	0.0
305710	Trav	578981.85	6470144.92	583765.06	6474928.14	45.0	6.8	4063.3	0.0
305720	Trav	578911.68	6470145.47	583765.64	6474999.43	45.0	6.9	4070.2	0.0
305730	Trav	578841.52	6470146.01	583766.22	6475070.72	45.0	7.0	4077.2	0.0
305740	Trav	578780.59	6470155.79	583766.80	6475142.01	45.0	7.1	4084.2	0.0
305750	Trav	578714.03	6470159.95	583767.38	6475213.30	45.0	7.1	4091.4	0.0
305760	Trav	578642.94	6470159.57	583767.96	6475284.59	45.0	7.2	4098.6	0.0
305770	Trav	578616.93	6470204.27	583768.54	6475355.88	45.0	7.3	4105.9	0.0
305780	Trav	578611.73	6470269.78	583769.12	6475427.17	45.0	7.3	4113.2	0.0
305790	Trav	578609.54	6470338.29	583769.70	6475498.46	45.0	7.3	4120.5	0.0
305800	Trav	578609.13	6470408.60	583770.28	6475569.75	45.0	7.3	4127.8	0.0
305810	Trav	578609.67	6470479.85	583770.86	6475641.04	45.0	7.3	4135.1	0.0
305820	Trav	578610.22	6470551.11	583771.44	6475712.33	45.0	7.3	4142.4	0.0
305830	Trav	578610.77	6470622.37	583772.02	6475783.63	45.0	7.3	4149.7	0.0
305840	Trav	578611.32	6470693.63	583772.60	6475854.92	45.0	7.3	4157.0	0.0
305850	Trav	578611.86	6470764.89	583773.18	6475926.21	45.0	7.3	4164.3	0.0



Trangie (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
305860	Trav	578612.41	6470836.15	583773.76	6475997.50	45.0	7.3	4171.6	0.0
305870	Trav	578612.96	6470907.40	583774.34	6476068.79	45.0	7.3	4178.9	0.0
305880	Trav	578613.51	6470978.66	583774.92	6476140.08	45.0	7.3	4186.2	0.0
305890	Trav	578614.05	6471049.92	583775.50	6476211.37	45.0	7.3	4193.5	0.0
305900	Trav	578614.60	6471121.18	583776.08	6476282.66	45.0	7.3	4200.8	0.0
305910	Trav	578615.15	6471192.44	583776.66	6476353.95	45.0	7.3	4208.1	0.0
305920	Trav	578615.70	6471263.69	583777.24	6476425.24	45.0	7.3	4215.4	0.0
305930	Trav	578616.24	6471334.95	583777.83	6476496.53	45.0	7.3	4222.7	0.0
305940	Trav	578616.79	6471406.21	583778.41	6476567.82	45.0	7.3	4230.0	0.0
305950	Trav	578617.34	6471477.47	583778.99	6476639.12	45.0	7.3	4237.3	0.0
305960	Trav	578617.89	6471548.73	583779.57	6476710.41	45.0	7.3	4244.6	0.0
305970	Trav	578618.43	6471619.99	583780.15	6476781.70	45.0	7.3	4251.9	0.0
305980	Trav	578618.98	6471691.24	583780.73	6476852.99	45.0	7.3	4259.2	0.0
305990	Trav	578619.53	6471762.50	583781.31	6476924.28	45.0	7.3	4266.5	0.0
306000	Trav	578620.08	6471833.76	583781.89	6476995.57	45.0	7.3	4273.8	0.0
306010	Trav	578620.62	6471905.02	583782.47	6477066.86	45.0	7.3	4281.1	0.0
306020	Trav	578593.00	6471948.10	583783.05	6477138.15	45.0	7.3	4288.4	0.0
306030	Trav	578554.05	6471979.86	583783.63	6477209.44	45.0	7.4	4295.8	0.0
306040	Trav	578499.63	6471996.16	583784.21	6477280.73	45.0	7.5	4303.3	0.0
306050	Trav	578429.45	6471996.69	583784.79	6477352.02	45.0	7.6	4310.8	0.0
306060	Trav	578359.28	6471997.23	583785.37	6477423.32	45.0	7.7	4318.5	0.0
306070	Trav	578289.10	6471997.76	583785.95	6477494.61	45.0	7.8	4326.3	0.0
306080	Trav	578218.92	6471998.29	583786.53	6477565.90	45.0	7.9	4334.2	0.0
306090	Trav	578148.75	6471998.83	583787.11	6477637.19	45.0	8.0	4342.1	0.0
306100	Trav	578078.57	6471999.36	583787.79	6477698.72	45.0	8.1	4350.2	0.0
306110	Trav	578008.39	6471999.89	583769.01	6477760.51	45.0	8.1	4358.3	0.0
306120	Trav	577938.22	6472000.43	583769.10	6477831.31	45.0	8.2	4366.6	0.0
306130	Trav	577868.04	6472000.96	583741.69	6477874.61	45.0	8.3	4374.9	0.0
306140	Trav	577797.86	6472001.49	583676.58	6477880.21	45.0	8.3	4383.2	0.0
306150	Trav	577727.68	6472002.03	583614.78	6477889.12	45.0	8.3	4391.5	0.0
306160	Trav	577657.51	6472002.56	583553.85	6477898.91	45.0	8.3	4399.9	0.0
306170	Trav	577587.33	6472003.10	583483.69	6477899.45	45.0	8.3	4408.2	0.0
306180	Trav	577517.15	6472003.63	583413.53	6477900.00	45.0	8.3	4416.6	0.0
306190	Trav	577446.98	6472004.16	583343.37	6477900.55	45.0	8.3	4424.9	0.0
306200	Trav	577376.80	6472004.70	583273.20	6477901.10	45.0	8.3	4433.2	0.0
306210	Trav	577306.62	6472005.23	583203.04	6477901.65	45.0	8.3	4441.6	0.0
306220	Trav	577237.22	6472006.54	583132.88	6477902.20	45.0	8.3	4449.9	0.0
306230	Trav	577171.48	6472011.51	583062.72	6477902.75	45.0	8.3	4458.2	0.0
306240	Trav	577100.04	6472010.78	582992.56	6477903.30	45.0	8.3	4466.6	0.0
306250	Trav	577046.46	6472027.91	582922.40	6477903.85	45.0	8.3	4474.9	0.0
306260	Trav	577047.68	6472099.85	582852.23	6477904.40	45.0	8.2	4483.1	0.0
306270	Trav	577047.20	6472170.07	582782.07	6477904.94	45.0	8.1	4491.2	0.0
306280	Trav	577047.73	6472241.32	582711.91	6477905.49	45.0	8.0	4499.2	0.0
306290	Trav	577047.33	6472311.63	582641.75	6477906.04	45.0	7.9	4507.1	0.0
306300	Trav	577047.87	6472382.87	582571.59	6477906.59	45.0	7.8	4514.9	0.0
306310	Trav	577048.40	6472454.12	582501.43	6477907.14	45.0	7.7	4522.7	0.0
306320	Trav	577048.94	6472525.37	582431.26	6477907.69	45.0	7.6	4530.3	0.0
306330	Trav	577049.48	6472596.61	582361.10	6477908.24	45.0	7.5	4537.8	0.0
306340	Trav	577050.01	6472667.86	582290.94	6477908.79	45.0	7.4	4545.2	0.0
306350	Trav	577050.55	6472739.11	582220.78	6477909.34	45.0	7.3	4552.5	0.0
306360	Trav	577051.08	6472810.35	582150.62	6477909.89	45.0	7.2	4559.7	0.0
306370	Trav	577051.62	6472881.60	582080.46	6477910.44	45.0	7.1	4566.8	0.0
306380	Trav	577052.16	6472952.85	582010.29	6477910.98	45.0	7.0	4573.8	0.0
306390	Trav	577052.69	6473024.09	581940.13	6477911.53	45.0	6.9	4580.7	0.0
306400	Trav	577053.23	6473095.34	581869.97	6477912.08	45.0	6.8	4587.6	0.0
306410	Trav	577053.76	6473166.59	581799.81	6477912.63	45.0	6.7	4594.3	0.0
306420	Trav	577054.30	6473237.83	581729.65	6477913.18	45.0	6.6	4600.9	0.0
306430	Trav	577054.84	6473309.08	581659.49	6477913.73	45.0	6.5	4607.4	0.0
306440	Trav	577055.37	6473380.33	581589.32	6477914.28	45.0	6.4	4613.8	0.0
306450	Trav	577055.91	6473451.57	581519.16	6477914.83	45.0	6.3	4620.1	0.0
306460	Trav	577056.45	6473522.82	581449.00	6477915.38	45.0	6.2	4626.3	0.0
306470	Trav	577056.98	6473594.07	581378.84	6477915.93	45.0	6.1	4632.4	0.0
306480	Trav	577057.52	6473665.31	581308.68	6477916.47	45.0	6.0	4638.5	0.0
306490	Trav	577058.05	6473736.56	581238.52	6477917.02	45.0	5.9	4644.4	0.0
306500	Trav	577058.59	6473807.81	581168.36	6477917.57	45.0	5.8	4650.2	0.0



Trangie (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
306510	Trav	577059.13	6473879.05	581098.19	6477918.12	45.0	5.7	4655.9	0.0
306520	Trav	577059.66	6473950.30	581028.03	6477918.67	45.0	5.6	4661.5	0.0
306530	Trav	577060.20	6474021.55	580957.87	6477919.22	45.0	5.5	4667.0	0.0
306540	Trav	577060.73	6474092.79	580887.71	6477919.77	45.0	5.4	4672.4	0.0
306550	Trav	577061.27	6474164.04	580817.55	6477920.32	45.0	5.3	4677.7	0.0
306560	Trav	577061.81	6474235.29	580747.39	6477920.87	45.0	5.2	4683.0	0.0
306570	Trav	577062.34	6474306.53	580677.22	6477921.42	45.0	5.1	4688.1	0.0
306580	Trav	577062.88	6474377.78	580607.06	6477921.97	45.0	5.0	4693.1	0.0
306590	Trav	577063.41	6474449.03	580536.90	6477922.51	45.0	4.9	4698.0	0.0
306600	Trav	577063.95	6474520.27	580466.74	6477923.06	45.0	4.8	4702.8	0.0
306610	Trav	577064.49	6474591.52	580396.58	6477923.61	45.0	4.7	4707.5	0.0
306620	Trav	577065.02	6474662.77	580326.42	6477924.16	45.0	4.6	4712.1	0.0
306630	Trav	577065.56	6474734.01	580256.25	6477924.71	45.0	4.5	4716.6	0.0
306640	Trav	577066.09	6474805.26	580186.09	6477925.26	45.0	4.4	4721.0	0.0
306650	Trav	577066.63	6474876.51	580115.93	6477925.81	45.0	4.3	4725.4	0.0
306660	Trav	577067.17	6474947.75	580045.77	6477926.36	45.0	4.2	4729.6	0.0
306670	Trav	577067.70	6475019.00	579975.61	6477926.91	45.0	4.1	4733.7	0.0
306680	Trav	577068.24	6475090.25	579905.45	6477927.46	45.0	4.0	4737.7	0.0
306690	Trav	577068.77	6475161.49	579835.28	6477928.00	45.0	3.9	4741.6	0.0
306700	Trav	577069.31	6475232.74	579765.12	6477928.55	45.0	3.8	4745.4	0.0
306710	Trav	577069.85	6475303.99	579694.96	6477929.10	45.0	3.7	4749.1	0.0
306720	Trav	577070.38	6475375.23	579624.80	6477929.65	45.0	3.6	4752.7	0.0
306730	Trav	577070.92	6475446.48	579554.64	6477930.20	45.0	3.5	4756.3	0.0
306740	Trav	577071.45	6475517.73	579484.48	6477930.75	45.0	3.4	4759.7	0.0
306750	Trav	577071.99	6475588.98	579414.31	6477931.30	45.0	3.3	4763.0	0.0
306760	Trav	577072.53	6475660.22	579344.15	6477931.85	45.0	3.2	4766.2	0.0
306770	Trav	577073.06	6475731.47	579273.99	6477932.40	45.0	3.1	4769.3	0.0
306780	Trav	577073.60	6475802.72	579203.83	6477932.95	45.0	3.0	4772.3	0.0
306790	Trav	577074.13	6475873.96	579133.67	6477933.49	45.0	2.9	4775.2	0.0
306800	Trav	577074.67	6475945.21	579063.51	6477934.04	45.0	2.8	4778.0	0.0
306810	Trav	577075.21	6476016.46	578993.34	6477934.59	45.0	2.7	4780.8	0.0
306820	Trav	577075.74	6476087.70	578921.57	6477935.13	45.0	2.6	4783.4	0.0
306830	Trav	577076.28	6476158.95	578853.02	6477935.69	45.0	2.5	4785.9	0.0
306840	Trav	577076.81	6476230.20	578782.86	6477936.24	45.0	2.4	4788.3	0.0
306850	Trav	577077.35	6476301.44	578712.70	6477936.79	45.0	2.3	4790.6	0.0
306860	Trav	577077.89	6476372.69	578642.54	6477937.34	45.0	2.2	4792.8	0.0
306870	Trav	577078.42	6476443.94	578572.37	6477937.89	45.0	2.1	4794.9	0.0
306880	Trav	577078.96	6476515.18	578502.21	6477938.44	45.0	2.0	4796.9	0.0
306890	Trav	577079.50	6476586.43	578432.05	6477938.99	45.0	1.9	4798.9	0.0
306900	Trav	577080.03	6476657.68	578361.89	6477939.53	45.0	1.8	4800.7	0.0
306910	Trav	577080.57	6476728.92	578291.73	6477940.08	45.0	1.7	4802.4	0.0
306920	Trav	577081.10	6476800.17	578221.57	6477940.63	45.0	1.6	4804.0	0.0
306930	Trav	577081.64	6476871.42	578151.40	6477941.18	45.0	1.5	4805.5	0.0
306940	Trav	577082.18	6476942.66	578081.24	6477941.73	45.0	1.4	4806.9	0.0
306950	Trav	577082.71	6477013.91	578011.08	6477942.28	45.0	1.3	4808.2	0.0
306960	Trav	577083.25	6477085.16	577940.92	6477942.83	45.0	1.2	4809.5	0.0
306970	Trav	577083.78	6477156.40	577870.76	6477943.38	45.0	1.1	4810.6	0.0
306980	Trav	577084.32	6477227.65	577800.60	6477943.93	45.0	1.0	4811.6	0.0
306990	Trav	577084.86	6477298.90	577730.43	6477944.48	45.0	0.9	4812.5	0.0
307000	Trav	577085.39	6477370.14	577660.27	6477945.02	45.0	0.8	4813.3	0.0
307010	Trav	577085.93	6477441.39	577590.11	6477945.57	45.0	0.7	4814.0	0.0
307020	Trav	577086.46	6477512.64	577519.95	6477946.12	45.0	0.6	4814.6	0.0
307030	Trav	577087.00	6477583.88	577449.79	6477946.67	45.0	0.5	4815.1	0.0
307040	Trav	577087.54	6477655.13	577379.63	6477947.22	45.0	0.4	4815.6	0.0
390010	Tie	589486.59	6452603.47	590517.90	6451572.16	135.0	1.5	4815.6	1.5
390020	Tie	589492.76	6453304.41	591231.68	6451565.49	135.0	2.5	4815.6	3.9
390030	Tie	583255.38	6460248.90	584489.74	6459014.54	135.0	1.7	4815.6	5.7
390040	Tie	589498.92	6454005.35	591945.46	6451558.82	135.0	3.5	4815.6	9.1
390050	Tie	583261.11	6460950.27	585202.89	6459008.49	135.0	2.7	4815.6	11.9
390060	Tie	589505.09	6454706.30	592659.23	6451552.15	135.0	4.5	4815.6	16.3
390070	Tie	583266.84	6461651.65	585916.04	6459002.44	135.0	3.7	4815.6	20.1
390080	Tie	589511.25	6455407.24	593373.01	6451545.48	135.0	5.5	4815.6	25.5
390090	Tie	581709.12	6463916.48	586629.20	6458996.40	135.0	7.0	4815.6	32.5
390100	Tie	589517.42	6456108.18	594086.79	6451538.81	135.0	6.5	4815.6	39.0
390110	Tie	581715.78	6464616.92	587342.35	6458990.35	135.0	8.0	4815.6	46.9



Trangie (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
390120	Tie	589523.58	6456809.12	594800.56	6451532.14	135.0	7.5	4815.6	54.4
390130	Tie	581721.40	6465318.41	588055.50	6458984.30	135.0	9.0	4815.6	63.3
390140	Tie	589529.75	6457510.06	595514.34	6451525.47	135.0	8.5	4815.6	71.8
390150	Tie	580163.66	6467583.26	588768.66	6458978.26	135.0	12.2	4815.6	84.0
390160	Tie	589535.91	6458211.01	596228.12	6451518.80	135.0	9.5	4815.6	93.4
390170	Tie	580173.81	6468280.21	596941.89	6451512.13	135.0	23.7	4815.6	117.1
390180	Tie	580174.82	6468986.31	597655.67	6451505.46	135.0	24.7	4815.6	141.9
390190	Tie	577052.21	6472816.02	598369.44	6451498.79	135.0	30.1	4815.6	172.0
390200	Tie	577053.91	6473521.43	599083.22	6451492.12	135.0	31.2	4815.6	203.2
390210	Tie	577062.40	6474220.05	599797.00	6451485.45	135.0	32.2	4815.6	235.3
390220	Tie	577067.68	6474921.87	600510.77	6451478.78	135.0	33.2	4815.6	268.5
390230	Tie	577072.96	6475623.70	600884.00	6451812.66	135.0	33.7	4815.6	302.1
390240	Tie	577078.24	6476325.53	600889.79	6452513.98	135.0	33.7	4815.6	335.8
390250	Tie	577083.53	6477027.35	600902.45	6453208.43	135.0	33.7	4815.6	369.5
390260	Tie	577088.81	6477729.18	597787.13	6457030.85	135.0	29.3	4815.6	398.8
390270	Tie	577580.14	6477944.95	597792.34	6457732.75	135.0	28.6	4815.6	427.4
390280	Tie	578292.82	6477939.37	597804.40	6458427.79	135.0	27.6	4815.6	455.0
390290	Tie	579005.51	6477933.80	596246.87	6460692.44	135.0	24.4	4815.6	479.3
390300	Tie	579718.19	6477928.22	593131.75	6464514.66	135.0	19.0	4815.6	498.3
390310	Tie	580430.88	6477922.64	583763.03	6474590.49	135.0	4.7	4815.6	503.0
390320	Tie	581143.56	6477917.07	583768.73	6475291.89	135.0	3.7	4815.6	506.7
390330	Tie	581874.96	6477914.09	583771.55	6476017.50	135.0	2.7	4815.6	509.4
390340	Tie	582590.33	6477923.09	583789.47	6476723.96	135.0	1.7	4815.6	511.1
390350	Tie	589500.79	6451642.19	600751.41	6451529.02	90.6	11.3	4815.6	522.4
390360	Tie	589534.45	6451592.85	589628.12	6459141.18	0.7	7.5	4815.6	529.9
390370	Tie	583255.28	6459090.73	589736.08	6459056.40	90.3	6.5	4815.6	536.4
390380	Tie	583317.62	6459030.17	583351.47	6462847.47	0.5	3.8	4815.6	540.2
390390	Tie	581705.22	6462791.82	583393.03	6462778.58	90.4	1.7	4815.6	541.9
390400	Tie	581769.20	6462734.46	581799.66	6466582.68	0.5	3.8	4815.6	545.7
390410	Tie	580154.78	6466511.89	581872.31	6466500.44	90.4	1.7	4815.6	547.5
390420	Tie	580237.79	6466446.05	580262.16	6470269.91	0.4	3.8	4815.6	551.3
390430	Tie	578611.24	6470228.29	580363.90	6470214.42	90.5	1.8	4815.6	553.0
390440	Tie	578680.61	6470165.86	578697.66	6472162.73	0.5	2.0	4815.6	555.0
390450	Tie	577042.86	6472065.84	578781.80	6472060.74	90.2	1.7	4815.6	556.8
390460	Tie	577121.90	6472009.74	577149.22	6477773.56	0.3	5.8	4815.6	562.5
390470	Tie	577255.82	6477883.29	583762.95	6477793.73	90.8	6.5	4815.6	569.0
390480	Tie	583641.87	6472140.76	583667.02	6477879.26	0.3	5.7	4815.6	574.8
390490	Tie	583587.69	6472267.17	585303.14	6472251.69	90.5	1.7	4815.6	576.5
390500	Tie	585224.58	6470325.34	585235.83	6472338.20	0.3	2.0	4815.6	578.5
390510	Tie	585161.20	6470403.66	586870.79	6470386.85	90.6	1.7	4815.6	580.2
390520	Tie	586772.70	6468489.48	586761.49	6470479.33	359.7	2.0	4815.6	582.2
390530	Tie	586699.83	6468559.55	588425.86	6468546.54	90.4	1.7	4815.6	583.9
390540	Tie	588320.71	6466615.11	588341.15	6468617.88	0.6	2.0	4815.6	585.9
390550	Tie	588293.03	6466679.12	591560.42	6466665.72	90.2	3.3	4815.6	589.2
390560	Tie	591467.66	6464672.73	591480.08	6466742.72	0.3	2.1	4815.6	591.3
390570	Tie	591381.09	6464831.45	593141.34	6464812.79	90.6	1.8	4815.6	593.0
390580	Tie	593036.42	6462919.65	593071.39	6464880.41	1.0	2.0	4815.6	595.0
390590	Tie	593003.78	6462970.94	594675.44	6462956.95	90.5	1.7	4815.6	596.7
390600	Tie	594596.17	6460979.88	594612.49	6463019.90	0.5	2.0	4815.6	598.7
390610	Tie	594528.56	6461103.44	596228.19	6461103.44	90.0	1.7	4815.6	600.4
390620	Tie	596163.40	6459197.82	596172.23	6461145.41	0.3	1.9	4815.6	602.4
390630	Tie	596129.61	6459248.51	597804.45	6459235.84	90.4	1.7	4815.6	604.0
390640	Tie	597700.16	6455509.92	597745.86	6459290.97	0.7	3.8	4815.6	607.8
390650	Tie	597667.19	6455542.88	599331.85	6455520.91	90.8	1.7	4815.6	609.5
390660	Tie	599266.62	6453634.77	599282.33	6455575.25	0.5	1.9	4815.6	611.4
390670	Tie	599223.12	6453676.30	600891.37	6453669.47	90.2	1.7	4815.6	613.1
390680	Tie	600825.58	6451635.28	600847.32	6453718.60	0.6	2.1	4815.6	615.2



Pine Hill

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv	Cumul	Ti	Cumul
400010	Trav	555654.62	6291068.29	555917.51	6291331.19	45.0	0.4		0.4		0.0
400020	Trav	555584.26	6291068.64	555917.51	6291401.88	45.0	0.5		0.8		0.0
400030	Trav	555513.89	6291068.99	555917.51	6291472.61	45.0	0.6		1.4		0.0
400040	Trav	555443.53	6291069.34	555917.51	6291543.31	45.0	0.7		2.1		0.0
400050	Trav	555373.17	6291069.69	555917.51	6291614.03	45.0	0.8		2.9		0.0
400060	Trav	555302.81	6291070.04	555917.51	6291684.74	45.0	0.9		3.7		0.0
400070	Trav	555232.45	6291070.39	555917.51	6291755.45	45.0	1.0		4.7		0.0
400080	Trav	555162.09	6291070.74	555917.51	6291826.17	45.0	1.1		5.8		0.0
400090	Trav	555091.73	6291071.09	555917.51	6291896.87	45.0	1.2		6.9		0.0
400100	Trav	555021.36	6291071.44	555917.51	6291967.60	45.0	1.3		8.2		0.0
400110	Trav	554951.00	6291071.79	555917.51	6292038.30	45.0	1.4		9.6		0.0
400120	Trav	554880.64	6291072.14	555917.51	6292109.00	45.0	1.5		11.0		0.0
400130	Trav	554810.27	6291072.49	555917.51	6292179.73	45.0	1.6		12.6		0.0
400140	Trav	554739.91	6291072.84	555917.51	6292250.43	45.0	1.7		14.3		0.0
400150	Trav	554669.56	6291073.18	555917.51	6292321.12	45.0	1.8		16.0		0.0
400160	Trav	554599.20	6291073.53	555917.51	6292391.85	45.0	1.9		17.9		0.0
400170	Trav	554528.84	6291073.88	555917.51	6292462.55	45.0	2.0		19.9		0.0
400180	Trav	554458.47	6291074.23	555917.51	6292533.27	45.0	2.1		21.9		0.0
400190	Trav	554388.11	6291074.58	555917.51	6292603.98	45.0	2.2		24.1		0.0
400200	Trav	554317.74	6291074.93	555917.51	6292674.70	45.0	2.3		26.3		0.0
400210	Trav	554247.39	6291075.28	555917.51	6292745.40	45.0	2.4		28.7		0.0
400220	Trav	554177.02	6291075.63	555917.51	6292816.12	45.0	2.5		31.2		0.0
400230	Trav	554106.67	6291075.98	555917.51	6292886.82	45.0	2.6		33.7		0.0
400240	Trav	554036.31	6291076.33	555917.51	6292957.53	45.0	2.7		36.4		0.0
400250	Trav	553965.93	6291076.68	555917.51	6293028.26	45.0	2.8		39.1		0.0
400260	Trav	553895.57	6291077.03	555917.51	6293098.97	45.0	2.9		42.0		0.0
400270	Trav	553825.22	6291077.38	555923.19	6293175.35	45.0	3.0		45.0		0.0
400280	Trav	553754.85	6291077.73	555934.75	6293257.63	45.0	3.1		48.1		0.0
400290	Trav	553684.48	6291078.07	555910.47	6293304.06	45.0	3.1		51.2		0.0
400300	Trav	553614.13	6291078.42	555840.41	6293304.70	45.0	3.1		54.4		0.0
400310	Trav	553543.78	6291078.77	555770.35	6293305.34	45.0	3.1		57.5		0.0
400320	Trav	553473.41	6291079.12	555700.27	6293305.97	45.0	3.1		60.7		0.0
400330	Trav	553403.04	6291079.47	555630.18	6293306.61	45.0	3.1		63.8		0.0
400340	Trav	553332.70	6291079.82	555560.13	6293307.25	45.0	3.2		67.0		0.0
400350	Trav	553262.32	6291080.17	555490.03	6293307.89	45.0	3.2		70.1		0.0
400360	Trav	553191.98	6291080.52	555419.98	6293308.52	45.0	3.2		73.3		0.0
400370	Trav	553121.60	6291080.87	555349.89	6293309.16	45.0	3.2		76.4		0.0
400380	Trav	553051.24	6291081.22	555279.82	6293309.80	45.0	3.2		79.6		0.0
400390	Trav	552980.89	6291081.57	555209.75	6293310.43	45.0	3.2		82.7		0.0
400400	Trav	551089.04	6289260.43	555152.28	6293323.68	45.0	5.7		88.5		0.0
400410	Trav	551008.63	6289250.74	555081.97	6293324.07	45.0	5.8		94.2		0.0
400420	Trav	550938.28	6289251.09	555011.65	6293324.47	45.0	5.8		100.0		0.0
400430	Trav	550867.92	6289251.45	554941.33	6293324.86	45.0	5.8		105.7		0.0
400440	Trav	550797.57	6289251.81	554871.02	6293325.26	45.0	5.8		111.5		0.0
400450	Trav	550727.21	6289252.16	554800.70	6293325.65	45.0	5.8		117.3		0.0
400460	Trav	550656.86	6289252.52	554730.39	6293326.05	45.0	5.8		123.0		0.0
400470	Trav	550586.50	6289252.87	554660.07	6293326.44	45.0	5.8		128.8		0.0
400480	Trav	550516.15	6289253.23	554589.76	6293326.84	45.0	5.8		134.5		0.0
400490	Trav	550445.79	6289253.59	554519.44	6293327.23	45.0	5.8		140.3		0.0
400500	Trav	550375.44	6289253.94	554449.13	6293327.63	45.0	5.8		146.1		0.0
400510	Trav	550305.08	6289254.30	554378.81	6293328.02	45.0	5.8		151.8		0.0
400520	Trav	550234.73	6289254.65	554308.50	6293328.42	45.0	5.8		157.6		0.0
400530	Trav	550164.38	6289255.01	554238.18	6293328.81	45.0	5.8		163.3		0.0
400540	Trav	550094.02	6289255.37	554167.86	6293329.21	45.0	5.8		169.1		0.0
400550	Trav	550023.67	6289255.72	554097.55	6293329.61	45.0	5.8		174.9		0.0
400560	Trav	549953.31	6289256.08	554027.23	6293330.00	45.0	5.8		180.6		0.0
400570	Trav	549882.96	6289256.43	553956.92	6293330.40	45.0	5.8		186.4		0.0
400580	Trav	549812.60	6289256.79	553886.60	6293330.79	45.0	5.8		192.2		0.0
400590	Trav	549742.25	6289257.15	553816.29	6293331.19	45.0	5.8		197.9		0.0
400600	Trav	549671.89	6289257.50	553745.97	6293331.58	45.0	5.8		203.7		0.0
400610	Trav	549601.54	6289257.86	553675.66	6293331.98	45.0	5.8		209.4		0.0
400620	Trav	549531.18	6289258.22	553605.34	6293332.37	45.0	5.8		215.2		0.0
400630	Trav	549460.83	6289258.57	553535.02	6293332.77	45.0	5.8		221.0		0.0
400640	Trav	549390.48	6289258.93	553464.71	6293333.16	45.0	5.8		226.7		0.0
400650	Trav	549320.12	6289259.28	553394.39	6293333.56	45.0	5.8		232.5		0.0



Pine Hill (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv	Cumul	Ti	Cumul
400660	Trav	549249.77	6289259.64	553324.08	6293333.95	45.0	5.8		238.2		0.0
400670	Trav	549179.41	6289260.00	553253.76	6293334.35	45.0	5.8		244.0		0.0
400680	Trav	549109.06	6289260.35	553183.45	6293334.74	45.0	5.8		249.8		0.0
400690	Trav	549038.70	6289260.71	553113.13	6293335.14	45.0	5.8		255.5		0.0
400700	Trav	548968.35	6289261.06	553042.82	6293335.53	45.0	5.8		261.3		0.0
400710	Trav	548897.99	6289261.42	552972.50	6293335.93	45.0	5.8		267.1		0.0
400720	Trav	548827.64	6289261.78	552902.18	6293336.32	45.0	5.8		272.8		0.0
400730	Trav	548757.28	6289262.13	552836.49	6293341.34	45.0	5.8		278.6		0.0
400740	Trav	548686.93	6289262.49	552836.88	6293412.44	45.0	5.9		284.5		0.0
400750	Trav	548616.58	6289262.85	552837.27	6293483.54	45.0	6.0		290.4		0.0
400760	Trav	548546.22	6289263.20	552837.66	6293554.64	45.0	6.1		296.5		0.0
400770	Trav	548475.87	6289263.56	552838.05	6293625.74	45.0	6.2		302.7		0.0
400780	Trav	548405.51	6289263.91	552838.43	6293696.84	45.0	6.3		308.9		0.0
400790	Trav	548335.16	6289264.27	552838.82	6293767.94	45.0	6.4		315.3		0.0
400800	Trav	548264.80	6289264.63	552839.21	6293839.03	45.0	6.5		321.8		0.0
400810	Trav	548194.45	6289264.98	552839.60	6293910.13	45.0	6.6		328.3		0.0
400820	Trav	548124.09	6289265.34	552839.99	6293981.23	45.0	6.7		335.0		0.0
400830	Trav	548053.74	6289265.69	552840.37	6294052.33	45.0	6.8		341.8		0.0
400840	Trav	547983.38	6289266.05	552840.76	6294123.43	45.0	6.9		348.6		0.0
400850	Trav	547913.03	6289266.41	552841.15	6294194.53	45.0	7.0		355.6		0.0
400860	Trav	547842.67	6289266.76	552841.54	6294265.63	45.0	7.1		362.7		0.0
400870	Trav	547772.32	6289267.12	552841.93	6294336.72	45.0	7.2		369.9		0.0
400880	Trav	547701.97	6289267.47	552842.31	6294407.82	45.0	7.3		377.1		0.0
400890	Trav	547631.61	6289267.83	552842.70	6294478.92	45.0	7.4		384.5		0.0
400900	Trav	547561.26	6289268.19	552843.09	6294550.02	45.0	7.5		392.0		0.0
400910	Trav	547490.90	6289268.54	552843.48	6294621.12	45.0	7.6		399.5		0.0
400920	Trav	547420.55	6289268.90	552843.87	6294692.22	45.0	7.7		407.2		0.0
400930	Trav	547350.19	6289269.26	552844.25	6294763.32	45.0	7.8		415.0		0.0
400940	Trav	547279.84	6289269.61	552844.64	6294834.41	45.0	7.9		422.8		0.0
400950	Trav	547209.48	6289269.97	552845.03	6294905.51	45.0	8.0		430.8		0.0
400960	Trav	547139.13	6289270.32	552845.42	6294976.61	45.0	8.1		438.9		0.0
400970	Trav	547068.77	6289270.68	552845.81	6295047.71	45.0	8.2		447.1		0.0
400980	Trav	546998.42	6289271.04	552846.19	6295118.81	45.0	8.3		455.3		0.0
400990	Trav	546928.07	6289271.39	552846.58	6295189.91	45.0	8.4		463.7		0.0
401000	Trav	546857.71	6289271.75	552846.97	6295261.01	45.0	8.5		472.2		0.0
401010	Trav	546787.36	6289272.10	552847.36	6295332.11	45.0	8.6		480.7		0.0
401020	Trav	546717.00	6289272.46	552847.75	6295403.20	45.0	8.7		489.4		0.0
401030	Trav	546646.65	6289272.82	552848.13	6295474.30	45.0	8.8		498.2		0.0
401040	Trav	546576.29	6289273.17	552848.52	6295545.40	45.0	8.9		507.0		0.0
401050	Trav	546505.94	6289273.53	552848.91	6295616.50	45.0	9.0		516.0		0.0
401060	Trav	546435.58	6289273.89	552849.30	6295687.60	45.0	9.1		525.1		0.0
401070	Trav	546367.64	6289276.66	552849.68	6295758.70	45.0	9.2		534.3		0.0
401080	Trav	546295.78	6289275.51	552850.07	6295829.80	45.0	9.3		543.5		0.0
401090	Trav	546239.59	6289290.02	552850.46	6295900.89	45.0	9.3		552.9		0.0
401100	Trav	546236.50	6289357.64	552850.85	6295971.99	45.0	9.4		562.2		0.0
401110	Trav	546234.97	6289426.82	552851.24	6296043.09	45.0	9.4		571.6		0.0
401120	Trav	546235.31	6289497.88	552851.62	6296114.19	45.0	9.4		580.9		0.0
401130	Trav	546235.06	6289568.33	552852.01	6296185.29	45.0	9.4		590.3		0.0
401140	Trav	546235.40	6289639.39	552852.40	6296256.39	45.0	9.4		599.7		0.0
401150	Trav	546235.74	6289710.44	552852.79	6296327.49	45.0	9.4		609.0		0.0
401160	Trav	546236.08	6289781.49	552853.18	6296398.58	45.0	9.4		618.4		0.0
401170	Trav	546236.43	6289852.54	552853.56	6296469.68	45.0	9.4		627.7		0.0
401180	Trav	546236.77	6289923.60	552853.95	6296540.78	45.0	9.4		637.1		0.0
401190	Trav	546237.11	6289994.65	552854.34	6296611.88	45.0	9.4		646.4		0.0
401200	Trav	546237.45	6290065.70	552854.73	6296682.98	45.0	9.4		655.8		0.0
401210	Trav	546237.80	6290136.76	552855.12	6296754.08	45.0	9.4		665.2		0.0
401220	Trav	546238.14	6290207.81	552855.50	6296825.18	45.0	9.4		674.5		0.0
401230	Trav	546238.48	6290278.86	552855.89	6296896.28	45.0	9.4		683.9		0.0
401240	Trav	546238.82	6290349.92	552856.28	6296967.38	45.0	9.4		693.2		0.0
401250	Trav	546239.17	6290420.97	552856.67	6297038.48	45.0	9.3		702.6		0.0
401260	Trav	546239.51	6290492.02	552778.08	6297030.59	45.0	9.2		711.8		0.0
401270	Trav	546239.85	6290563.08	552704.75	6297027.98	45.0	9.1		721.0		0.0
401280	Trav	546240.19	6290634.13	552639.37	6297033.60	45.0	9.1		730.0		0.0
401290	Trav	546240.53	6290705.18	552569.33	6297033.98	45.0	9.0		739.0		0.0
401300	Trav	546240.88	6290776.23	552499.00	6297034.36	45.0	8.9		747.8		0.0



Pine Hill (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv	Cumul	Ti	Cumul
401310	Trav	546241.22	6290847.29	552428.67	6297034.74	45.0	8.8	756.6		0.0	
401320	Trav	546241.56	6290918.34	552358.34	6297035.11	45.0	8.7	765.2		0.0	
401330	Trav	546241.90	6290989.39	552288.00	6297035.49	45.0	8.6	773.8		0.0	
401340	Trav	546242.25	6291060.45	552217.67	6297035.87	45.0	8.5	782.2		0.0	
401350	Trav	546242.59	6291131.50	552147.34	6297036.25	45.0	8.4	790.6		0.0	
401360	Trav	546242.93	6291202.55	552077.00	6297036.63	45.0	8.3	798.8		0.0	
401370	Trav	546243.27	6291273.61	552006.67	6297037.00	45.0	8.2	807.0		0.0	
401380	Trav	546243.62	6291344.66	551936.34	6297037.38	45.0	8.1	815.0		0.0	
401390	Trav	546243.96	6291415.71	551866.01	6297037.76	45.0	8.0	823.0		0.0	
401400	Trav	546244.30	6291486.77	551795.67	6297038.14	45.0	7.9	830.8		0.0	
401410	Trav	546244.64	6291557.82	551725.34	6297038.52	45.0	7.8	838.6		0.0	
401420	Trav	546244.99	6291628.87	551655.01	6297038.89	45.0	7.7	846.2		0.0	
401430	Trav	546245.33	6291699.92	551584.68	6297039.27	45.0	7.6	853.8		0.0	
401440	Trav	546245.67	6291770.98	551514.34	6297039.65	45.0	7.5	861.2		0.0	
401450	Trav	546246.01	6291842.03	551444.01	6297040.03	45.0	7.4	868.6		0.0	
401460	Trav	546246.36	6291913.08	551373.68	6297040.41	45.0	7.3	875.8		0.0	
401470	Trav	546246.70	6291984.14	551307.91	6297045.35	45.0	7.2	883.0		0.0	
401480	Trav	546247.04	6292055.19	551308.29	6297116.44	45.0	7.2	890.1		0.0	
401490	Trav	546247.38	6292126.24	551308.67	6297187.53	45.0	7.2	897.3		0.0	
401500	Trav	546247.72	6292197.30	551309.04	6297258.61	45.0	7.2	904.4		0.0	
401510	Trav	546248.07	6292268.35	551309.42	6297329.70	45.0	7.2	911.6		0.0	
401520	Trav	546248.41	6292339.40	551309.80	6297400.79	45.0	7.2	918.8		0.0	
401530	Trav	546248.75	6292410.46	551310.17	6297471.88	45.0	7.2	925.9		0.0	
401540	Trav	546249.09	6292481.51	551310.55	6297542.96	45.0	7.2	933.1		0.0	
401550	Trav	546249.44	6292552.56	551310.92	6297614.05	45.0	7.2	940.2		0.0	
401560	Trav	546249.78	6292623.61	551311.30	6297685.14	45.0	7.2	947.4		0.0	
401570	Trav	546250.12	6292694.67	551311.68	6297756.22	45.0	7.2	954.6		0.0	
401580	Trav	546250.46	6292765.72	551312.05	6297827.31	45.0	7.2	961.7		0.0	
401590	Trav	546250.81	6292836.77	551312.43	6297898.40	45.0	7.2	968.9		0.0	
401600	Trav	546251.15	6292907.83	551312.81	6297969.48	45.0	7.2	976.0		0.0	
401610	Trav	546243.13	6292970.52	551313.18	6298040.57	45.0	7.2	983.2		0.0	
401620	Trav	546172.73	6292970.83	551313.56	6298111.66	45.0	7.3	990.5		0.0	
401630	Trav	546102.33	6292971.14	551313.93	6298182.74	45.0	7.4	997.8		0.0	
401640	Trav	546031.93	6292971.45	551314.31	6298253.83	45.0	7.5	1005.3		0.0	
401650	Trav	545961.53	6292971.76	551314.69	6298324.92	45.0	7.6	1012.9		0.0	
401660	Trav	545891.13	6292972.07	551315.06	6298396.01	45.0	7.7	1020.6		0.0	
401670	Trav	545820.73	6292972.38	551315.44	6298467.09	45.0	7.8	1028.3		0.0	
401680	Trav	545750.33	6292972.70	551315.82	6298538.18	45.0	7.9	1036.2		0.0	
401690	Trav	545679.93	6292973.01	551316.19	6298609.27	45.0	8.0	1044.2		0.0	
401700	Trav	545609.53	6292973.32	551316.57	6298680.35	45.0	8.1	1052.2		0.0	
401710	Trav	545539.13	6292973.63	551316.95	6298748.09	45.0	8.2	1060.4		0.0	
401720	Trav	545468.73	6292973.94	551317.33	6298823.64	45.0	8.3	1068.7		0.0	
401730	Trav	545398.33	6292974.25	551317.71	6298885.21	45.0	8.4	1077.0		0.0	
401740	Trav	545327.93	6292974.56	551238.35	6298884.98	45.0	8.4	1085.4		0.0	
401750	Trav	545257.53	6292974.87	551170.10	6298887.44	45.0	8.4	1093.8		0.0	
401760	Trav	545187.13	6292975.18	551101.71	6298889.76	45.0	8.4	1102.1		0.0	
401770	Trav	545116.73	6292975.49	551031.36	6298890.12	45.0	8.4	1110.5		0.0	
401780	Trav	545046.33	6292975.80	550961.02	6298890.49	45.0	8.4	1118.8		0.0	
401790	Trav	544975.93	6292976.11	550890.67	6298890.86	45.0	8.4	1127.2		0.0	
401800	Trav	544905.53	6292976.43	550820.33	6298891.22	45.0	8.4	1135.6		0.0	
401810	Trav	544835.13	6292976.74	550749.99	6298891.59	45.0	8.4	1143.9		0.0	
401820	Trav	544764.73	6292977.05	550679.64	6298891.96	45.0	8.4	1152.3		0.0	
401830	Trav	544694.33	6292977.36	550609.30	6298892.32	45.0	8.4	1160.7		0.0	
401840	Trav	544623.93	6292977.67	550538.95	6298892.69	45.0	8.4	1169.0		0.0	
401850	Trav	544553.53	6292977.98	550468.61	6298893.05	45.0	8.4	1177.4		0.0	
401860	Trav	544483.13	6292978.29	550398.27	6298893.42	45.0	8.4	1185.8		0.0	
401870	Trav	544412.73	6292978.60	550327.92	6298893.79	45.0	8.4	1194.1		0.0	
401880	Trav	544342.34	6292978.91	550257.58	6298894.15	45.0	8.4	1202.5		0.0	
401890	Trav	544271.94	6292979.22	550187.23	6298894.52	45.0	8.4	1210.9		0.0	
401900	Trav	544201.54	6292979.53	550116.89	6298894.89	45.0	8.4	1219.2		0.0	
401910	Trav	544131.14	6292979.84	550046.55	6298895.25	45.0	8.4	1227.6		0.0	
401920	Trav	544060.74	6292980.16	549976.20	6298895.62	45.0	8.4	1236.0		0.0	
401930	Trav	543990.34	6292980.47	549905.86	6298895.99	45.0	8.4	1244.3		0.0	
401940	Trav	543919.94	6292980.78	549835.51	6298896.35	45.0	8.4	1252.7		0.0	
401950	Trav	543849.54	6292981.09	549768.65	6298900.20	45.0	8.4	1261.1		0.0	



Pine Hill (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
401960	Trav	543779.14	6292981.40	549769.01	6298971.28	45.0	8.5	1269.5	0.0
401970	Trav	543708.74	6292981.71	549769.38	6299042.35	45.0	8.6	1278.1	0.0
401980	Trav	543638.34	6292982.02	549769.74	6299113.43	45.0	8.7	1286.8	0.0
401990	Trav	543567.94	6292982.33	549770.11	6299184.50	45.0	8.8	1295.5	0.0
402000	Trav	543497.54	6292982.64	549770.47	6299255.58	45.0	8.9	1304.4	0.0
402010	Trav	543427.14	6292982.95	549770.84	6299326.65	45.0	9.0	1313.4	0.0
402020	Trav	543356.74	6292983.26	549771.20	6299397.73	45.0	9.1	1322.5	0.0
402030	Trav	543286.34	6292983.57	549771.57	6299468.80	45.0	9.2	1331.6	0.0
402040	Trav	543215.94	6292983.89	549771.93	6299539.88	45.0	9.3	1340.9	0.0
402050	Trav	543145.54	6292984.20	549772.30	6299610.95	45.0	9.4	1350.3	0.0
402060	Trav	543075.14	6292984.51	549772.66	6299682.03	45.0	9.5	1359.7	0.0
402070	Trav	543004.74	6292984.82	549773.02	6299753.10	45.0	9.6	1369.3	0.0
402080	Trav	542934.34	6292985.13	549773.39	6299824.18	45.0	9.7	1379.0	0.0
402090	Trav	542863.94	6292985.44	549773.75	6299895.26	45.0	9.8	1388.8	0.0
402100	Trav	542793.54	6292985.75	549774.12	6299966.33	45.0	9.9	1398.6	0.0
402110	Trav	542723.14	6292986.06	549774.48	6300037.41	45.0	10.0	1408.6	0.0
402120	Trav	542652.74	6292986.37	549774.85	6300108.48	45.0	10.1	1418.7	0.0
402130	Trav	542582.34	6292986.68	549775.21	6300179.56	45.0	10.2	1428.9	0.0
402140	Trav	542511.94	6292986.99	549775.58	6300250.63	45.0	10.3	1439.1	0.0
402150	Trav	542441.54	6292987.30	549775.94	6300321.71	45.0	10.4	1449.5	0.0
402160	Trav	542371.14	6292987.62	549776.31	6300392.78	45.0	10.5	1460.0	0.0
402170	Trav	542300.74	6292987.93	549776.67	6300463.86	45.0	10.6	1470.5	0.0
402180	Trav	542230.34	6292988.24	549777.04	6300534.93	45.0	10.7	1481.2	0.0
402190	Trav	542159.94	6292988.55	549776.06	6300604.67	45.0	10.8	1492.0	0.0
402200	Trav	542089.54	6292988.86	549761.88	6300661.20	45.0	10.9	1502.8	0.0
402210	Trav	542019.14	6292989.17	549769.19	6300739.22	45.0	11.0	1513.8	0.0
402220	Trav	541948.74	6292989.48	549621.38	6300662.12	45.0	10.9	1524.6	0.0
402230	Trav	541878.34	6292989.79	549631.02	6300742.47	45.0	11.0	1535.6	0.0
402240	Trav	541807.94	6292990.10	549480.87	6300663.04	45.0	10.9	1546.5	0.0
402250	Trav	541737.54	6292990.41	549493.13	6300746.01	45.0	11.0	1557.4	0.0
402260	Trav	541667.14	6292990.72	549340.38	6300663.95	45.0	10.9	1568.3	0.0
402270	Trav	541596.74	6292991.03	549352.42	6300746.72	45.0	11.0	1579.2	0.0
402280	Trav	541526.34	6292991.35	549199.85	6300664.87	45.0	10.9	1590.1	0.0
402290	Trav	541455.94	6292991.66	549211.71	6300747.43	45.0	11.0	1601.1	0.0
402300	Trav	541385.54	6292991.97	549059.36	6300665.79	45.0	10.9	1611.9	0.0
402310	Trav	541315.14	6292992.28	549071.00	6300748.14	45.0	11.0	1622.9	0.0
402320	Trav	541244.74	6292992.59	548918.87	6300666.71	45.0	10.9	1633.7	0.0
402330	Trav	541174.34	6292992.90	548930.29	6300748.85	45.0	11.0	1644.7	0.0
402340	Trav	541103.94	6292993.21	548778.37	6300667.63	45.0	10.9	1655.6	0.0
402350	Trav	541033.54	6292993.52	548789.58	6300749.56	45.0	11.0	1666.5	0.0
402360	Trav	540963.14	6292993.83	548637.83	6300668.54	45.0	10.9	1677.4	0.0
402370	Trav	540892.74	6292994.14	548648.87	6300750.27	45.0	11.0	1688.4	0.0
402380	Trav	540822.34	6292994.45	548497.34	6300669.46	45.0	10.9	1699.2	0.0
402390	Trav	540751.94	6292994.76	548508.16	6300750.98	45.0	11.0	1710.2	0.0
402400	Trav	540681.54	6292995.08	548356.84	6300670.38	45.0	10.9	1721.0	0.0
402410	Trav	540611.14	6292995.39	548367.45	6300751.69	45.0	11.0	1732.0	0.0
402420	Trav	540540.74	6292995.70	548216.35	6300671.30	45.0	10.9	1742.9	0.0
402430	Trav	540470.34	6292996.01	548228.79	6300754.45	45.0	11.0	1753.8	0.0
402440	Trav	540399.94	6292996.32	548075.83	6300672.21	45.0	10.9	1764.7	0.0
402450	Trav	540329.54	6292996.63	548229.49	6300896.58	45.0	11.2	1775.9	0.0
402460	Trav	540259.14	6292996.94	547935.36	6300673.13	45.0	10.9	1786.7	0.0
402470	Trav	540188.74	6292997.25	548230.20	6301038.71	45.0	11.4	1798.1	0.0
402480	Trav	540118.34	6292997.56	547794.83	6300674.05	45.0	10.9	1808.9	0.0
402490	Trav	540047.94	6292997.87	548230.91	6301180.83	45.0	11.6	1820.5	0.0
402500	Trav	539977.54	6292998.18	547654.34	6300674.97	45.0	10.9	1831.4	0.0
402510	Trav	539907.15	6292998.49	548231.61	6301322.96	45.0	11.8	1843.1	0.0
402520	Trav	539836.75	6292998.81	547513.82	6300675.88	45.0	10.9	1854.0	0.0
402530	Trav	539766.35	6292999.12	548232.32	6301465.09	45.0	12.0	1866.0	0.0
402540	Trav	539695.95	6292999.43	547373.33	6300676.80	45.0	10.9	1876.8	0.0
402550	Trav	539625.55	6292999.74	548233.02	6301607.22	45.0	12.2	1889.0	0.0
402560	Trav	539555.15	6293000.05	547232.83	6300677.72	45.0	10.9	1899.9	0.0
402570	Trav	539484.75	6293000.36	548233.73	6301749.34	45.0	12.4	1912.2	0.0
402580	Trav	539414.35	6293000.67	547092.31	6300678.64	45.0	10.9	1923.1	0.0
402590	Trav	539343.95	6293000.98	548234.43	6301891.47	45.0	12.6	1935.7	0.0
402600	Trav	539273.55	6293001.29	546951.80	6300679.55	45.0	10.9	1946.5	0.0



Pine Hill (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
402610	Trav	539203.15	6293001.60	548235.14	6302033.60	45.0	12.8	1959.3	0.0
402620	Trav	539132.75	6293001.91	546811.31	6300680.47	45.0	10.9	1970.2	0.0
402630	Trav	539062.35	6293002.22	548235.85	6302175.72	45.0	13.0	1983.1	0.0
402640	Trav	538991.95	6293002.54	546670.79	6300681.39	45.0	10.9	1994.0	0.0
402650	Trav	538921.55	6293002.85	548236.55	6302317.85	45.0	13.2	2007.2	0.0
402660	Trav	538851.15	6293003.16	546530.33	6300682.31	45.0	10.9	2018.0	0.0
402670	Trav	538780.75	6293003.47	548237.26	6302459.98	45.0	13.4	2031.4	0.0
402680	Trav	538710.35	6293003.78	546389.77	6300683.22	45.0	10.9	2042.3	0.0
402690	Trav	538642.37	6293006.52	548237.96	6302602.11	45.0	13.6	2055.8	0.0
402700	Trav	538570.43	6293005.28	546249.29	6300684.14	45.0	10.9	2066.7	0.0
402710	Trav	538505.03	6293010.59	548238.67	6302744.23	45.0	13.8	2080.5	0.0
402720	Trav	538503.57	6293079.84	546108.79	6300685.06	45.0	10.8	2091.2	0.0
402730	Trav	538505.74	6293152.72	548239.38	6302886.36	45.0	13.8	2105.0	0.0
402740	Trav	538504.85	6293222.53	545968.32	6300685.98	45.0	10.6	2115.5	0.0
402750	Trav	538502.85	6293291.26	548240.08	6303028.49	45.0	13.8	2129.3	0.0
402760	Trav	538512.59	6293371.71	545827.76	6300686.90	45.0	10.3	2139.6	0.0
402770	Trav	538512.87	6293442.70	548240.79	6303170.61	45.0	13.8	2153.4	0.0
402780	Trav	538513.16	6293513.70	545687.27	6300687.81	45.0	10.1	2163.5	0.0
402790	Trav	538513.44	6293584.69	548241.49	6303312.74	45.0	13.8	2177.3	0.0
402800	Trav	538513.73	6293655.69	545546.75	6300688.73	45.0	9.9	2187.3	0.0
402810	Trav	538514.01	6293726.68	548242.20	6303454.87	45.0	13.8	2201.0	0.0
402820	Trav	538514.30	6293797.68	545406.27	6300689.65	45.0	9.7	2210.8	0.0
402830	Trav	538514.58	6293868.67	548242.91	6303597.00	45.0	13.8	2224.5	0.0
402840	Trav	538514.87	6293939.67	545265.79	6300690.57	45.0	9.5	2234.1	0.0
402850	Trav	538515.15	6294010.66	548243.61	6303739.12	45.0	13.8	2247.8	0.0
402860	Trav	538515.44	6294081.66	545125.22	6300691.48	45.0	9.3	2257.2	0.0
402870	Trav	538515.72	6294152.66	548244.32	6303881.25	45.0	13.8	2270.9	0.0
402880	Trav	538516.01	6294223.65	544984.76	6300692.40	45.0	9.1	2280.1	0.0
402890	Trav	538516.29	6294294.65	548245.02	6304023.38	45.0	13.8	2293.8	0.0
402900	Trav	538516.58	6294365.64	544844.26	6300693.32	45.0	8.9	2302.8	0.0
402910	Trav	538516.86	6294436.64	548245.73	6304165.51	45.0	13.8	2316.5	0.0
402920	Trav	538517.15	6294507.63	544703.75	6300694.24	45.0	8.7	2325.3	0.0
402930	Trav	538517.43	6294578.63	548236.29	6304297.49	45.0	13.7	2339.0	0.0
402940	Trav	538517.72	6294649.62	544563.25	6300695.15	45.0	8.5	2347.6	0.0
402950	Trav	538518.00	6294720.62	548237.07	6304439.69	45.0	13.7	2361.3	0.0
402960	Trav	538518.29	6294791.62	544422.74	6300696.07	45.0	8.4	2369.7	0.0
402970	Trav	538518.57	6294862.61	548101.03	6304445.07	45.0	13.6	2383.2	0.0
402980	Trav	538518.86	6294933.61	544282.21	6300696.99	45.0	8.2	2391.4	0.0
402990	Trav	538519.14	6295004.60	547963.99	6304449.45	45.0	13.4	2404.7	0.0
403000	Trav	538519.42	6295075.60	544141.73	6300697.91	45.0	8.0	2412.7	0.0
403010	Trav	538519.71	6295146.59	547823.25	6304450.14	45.0	13.2	2425.8	0.0
403020	Trav	538519.99	6295217.59	544001.22	6300698.82	45.0	7.8	2433.6	0.0
403030	Trav	538520.28	6295288.58	547682.52	6304450.82	45.0	13.0	2446.6	0.0
403040	Trav	538520.56	6295359.58	543860.73	6300699.74	45.0	7.6	2454.1	0.0
403050	Trav	538520.85	6295430.58	547541.78	6304451.51	45.0	12.8	2466.9	0.0
403060	Trav	538521.13	6295501.57	543720.23	6300700.66	45.0	7.4	2474.2	0.0
403070	Trav	538521.42	6295572.57	547401.05	6304452.20	45.0	12.6	2486.8	0.0
403080	Trav	538521.70	6295643.56	543579.71	6300701.58	45.0	7.2	2493.9	0.0
403090	Trav	538521.99	6295714.56	547260.32	6304452.89	45.0	12.4	2506.3	0.0
403100	Trav	538522.27	6295785.55	543439.20	6300702.49	45.0	7.0	2513.2	0.0
403110	Trav	538522.56	6295856.55	547119.58	6304453.57	45.0	12.2	2525.4	0.0
403120	Trav	538522.84	6295927.54	543298.72	6300703.41	45.0	6.8	2532.1	0.0
403130	Trav	538523.13	6295998.54	546978.85	6304454.26	45.0	12.0	2544.1	0.0
403140	Trav	538523.41	6296069.53	543158.21	6300704.33	45.0	6.6	2550.7	0.0
403150	Trav	538523.70	6296140.53	546838.11	6304454.95	45.0	11.8	2562.4	0.0
403160	Trav	538523.98	6296211.53	543017.72	6300705.25	45.0	6.4	2568.8	0.0
403170	Trav	538524.27	6296282.52	546697.38	6304455.63	45.0	11.6	2580.3	0.0
403180	Trav	538524.55	6296353.52	542877.22	6300706.16	45.0	6.2	2586.5	0.0
403190	Trav	538524.84	6296424.51	546697.89	6304597.56	45.0	11.6	2598.0	0.0
403200	Trav	538525.12	6296495.51	542736.69	6300707.08	45.0	6.0	2604.0	0.0
403210	Trav	538525.41	6296566.50	546698.57	6304739.67	45.0	11.6	2615.6	0.0
403220	Trav	538525.69	6296637.50	542596.20	6300708.00	45.0	5.8	2621.3	0.0
403230	Trav	538525.98	6296708.49	546699.25	6304881.77	45.0	11.6	2632.9	0.0
403240	Trav	538526.26	6296779.49	542455.70	6300708.92	45.0	5.6	2638.4	0.0
403250	Trav	538526.55	6296850.49	546699.94	6305023.88	45.0	11.6	2650.0	0.0



Pine Hill (Cont)

Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
403260	Trav	538526.83	6296921.48	542315.19	6300709.84	45.0	5.4	2655.4	0.0
403270	Trav	540082.33	6298547.69	546700.62	6305165.98	45.0	9.4	2664.7	0.0
403280	Trav	540082.62	6298618.69	542174.68	6300710.75	45.0	3.0	2667.7	0.0
403290	Trav	540082.92	6298689.70	546701.30	6305308.08	45.0	9.4	2677.0	0.0
403300	Trav	540083.21	6298760.71	542034.16	6300711.67	45.0	2.8	2679.8	0.0
403310	Trav	540083.51	6298831.71	546701.98	6305450.19	45.0	9.4	2689.1	0.0
403320	Trav	540083.81	6298902.72	541893.69	6300712.59	45.0	2.6	2691.7	0.0
403330	Trav	540084.10	6298973.73	546702.67	6305592.29	45.0	9.4	2701.1	0.0
403340	Trav	540084.40	6299044.73	541753.19	6300713.51	45.0	2.4	2703.4	0.0
403350	Trav	540084.69	6299115.74	546703.35	6305734.40	45.0	9.4	2712.8	0.0
403360	Trav	540084.99	6299186.75	541612.65	6300714.42	45.0	2.2	2714.9	0.0
403370	Trav	540085.29	6299257.75	546704.03	6305876.50	45.0	9.4	2724.3	0.0
403380	Trav	540085.58	6299328.76	541472.16	6300715.34	45.0	2.0	2726.3	0.0
403390	Trav	540085.88	6299399.77	546704.71	6306018.60	45.0	9.4	2735.6	0.0
403400	Trav	540086.17	6299470.77	541331.68	6300716.26	45.0	1.8	2737.4	0.0
403410	Trav	540086.47	6299541.78	546703.15	6306158.46	45.0	9.4	2746.7	0.0
403420	Trav	540086.76	6299612.79	541191.14	6300717.18	45.0	1.6	2748.3	0.0
403430	Trav	540087.06	6299683.79	546697.60	6306294.33	45.0	9.3	2757.7	0.0
403440	Trav	540087.36	6299754.80	541050.66	6300718.09	45.0	1.4	2759.0	0.0
403450	Trav	540087.65	6299825.81	546556.54	6306294.69	45.0	9.1	2768.2	0.0
403460	Trav	540087.95	6299896.81	540910.14	6300719.01	45.0	1.2	2769.3	0.0
403470	Trav	540088.24	6299967.82	546425.23	6306304.81	45.0	9.0	2778.3	0.0
403480	Trav	540088.54	6300038.83	540769.65	6300719.93	45.0	1.0	2779.3	0.0
403490	Trav	540088.84	6300109.83	546284.48	6306305.47	45.0	8.8	2788.0	0.0
403500	Trav	540089.13	6300180.84	540629.13	6300720.85	45.0	0.8	2788.8	0.0
403510	Trav	540089.43	6300251.84	546143.72	6306306.14	45.0	8.6	2797.3	0.0
403520	Trav	540089.72	6300322.85	540488.61	6300721.76	45.0	0.6	2797.9	0.0
403530	Trav	540090.02	6300393.86	546002.96	6306306.80	45.0	8.4	2806.3	0.0
403540	Trav	540090.61	6300535.87	545860.82	6306306.08	45.0	8.2	2814.4	0.0
403550	Trav	540091.20	6300677.88	545721.45	6306308.13	45.0	8.0	2822.4	0.0
403560	Trav	540091.79	6300819.90	545580.69	6306308.80	45.0	7.8	2830.2	0.0
403570	Trav	540092.39	6300961.91	545439.94	6306309.46	45.0	7.6	2837.7	0.0
403580	Trav	540092.98	6301103.92	545299.18	6306310.12	45.0	7.4	2845.1	0.0
403590	Trav	540093.57	6301245.94	545158.42	6306310.79	45.0	7.2	2852.2	0.0
403600	Trav	540094.16	6301387.95	545156.51	6306450.30	45.0	7.2	2859.4	0.0
403610	Trav	540094.75	6301529.96	545157.17	6306592.38	45.0	7.2	2866.6	0.0
403620	Trav	540095.35	6301671.98	545157.83	6306734.46	45.0	7.2	2873.7	0.0
403630	Trav	540095.94	6301813.99	545158.49	6306876.54	45.0	7.2	2880.9	0.0
403640	Trav	540096.53	6301956.00	545159.15	6307018.62	45.0	7.2	2888.0	0.0
403650	Trav	540097.12	6302098.02	545159.81	6307160.70	45.0	7.2	2895.2	0.0
403660	Trav	540097.71	6302240.03	545160.47	6307302.78	45.0	7.2	2902.4	0.0
403670	Trav	540098.30	6302382.04	545161.13	6307444.86	45.0	7.2	2909.5	0.0
403680	Trav	540098.90	6302524.06	545161.79	6307586.95	45.0	7.2	2916.7	0.0
403690	Trav	540099.49	6302666.07	545162.45	6307729.03	45.0	7.2	2923.8	0.0
403700	Trav	540100.08	6302808.08	545163.11	6307871.11	45.0	7.2	2931.0	0.0
403710	Trav	540100.67	6302950.09	545158.32	6308007.74	45.0	7.2	2938.2	0.0
403720	Trav	540101.26	6303092.11	545156.86	6308147.71	45.0	7.1	2945.3	0.0
403730	Trav	540101.85	6303234.12	545017.54	6308149.80	45.0	7.0	2952.3	0.0
403740	Trav	540102.45	6303376.13	544886.22	6308159.91	45.0	6.8	2959.0	0.0
403750	Trav	540103.04	6303518.15	544745.44	6308160.55	45.0	6.6	2965.6	0.0
403760	Trav	540103.63	6303660.16	544604.66	6308161.19	45.0	6.4	2972.0	0.0
403770	Trav	540104.22	6303802.17	544463.88	6308161.83	45.0	6.2	2978.1	0.0
403780	Trav	540104.81	6303944.19	544323.10	6308162.48	45.0	6.0	2984.1	0.0
403790	Trav	540104.41	6304085.20	544182.32	6308163.12	45.0	5.8	2989.9	0.0
403800	Trav	539963.56	6304085.77	544041.54	6308163.76	45.0	5.8	2995.6	0.0
403810	Trav	539822.71	6304086.35	543900.76	6308164.40	45.0	5.8	3001.4	0.0
403820	Trav	539681.87	6304086.92	543759.99	6308165.04	45.0	5.8	3007.2	0.0
403830	Trav	539541.07	6304087.50	543619.21	6308165.68	45.0	5.8	3012.9	0.0
403840	Trav	539400.17	6304088.08	543478.43	6308166.33	45.0	5.8	3018.7	0.0
403850	Trav	539259.33	6304088.65	543326.73	6308156.05	45.0	5.8	3024.4	0.0
403860	Trav	539111.02	6304081.76	541359.20	6306329.93	45.0	3.2	3027.6	0.0
403870	Trav	538962.52	6304074.69	541216.74	6306328.90	45.0	3.2	3030.8	0.0
403880	Trav	538814.04	6304067.62	541074.28	6306327.86	45.0	3.2	3034.0	0.0
403890	Trav	538665.53	6304060.55	540931.83	6306326.83	45.0	3.2	3037.2	0.0
403900	Trav	538532.52	6304068.95	540785.96	6306322.39	45.0	3.2	3040.4	0.0

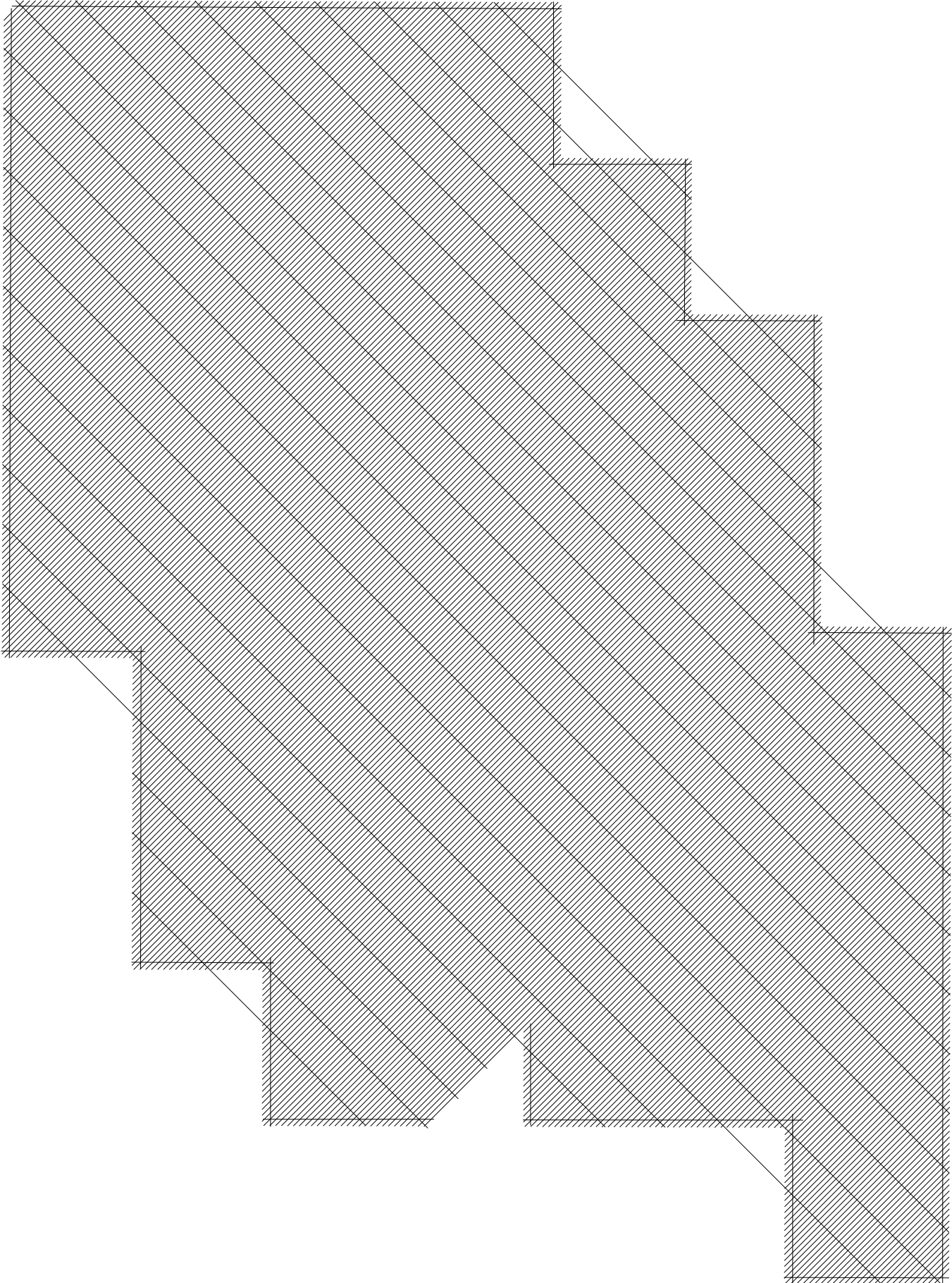


Pine Hill (Cont)

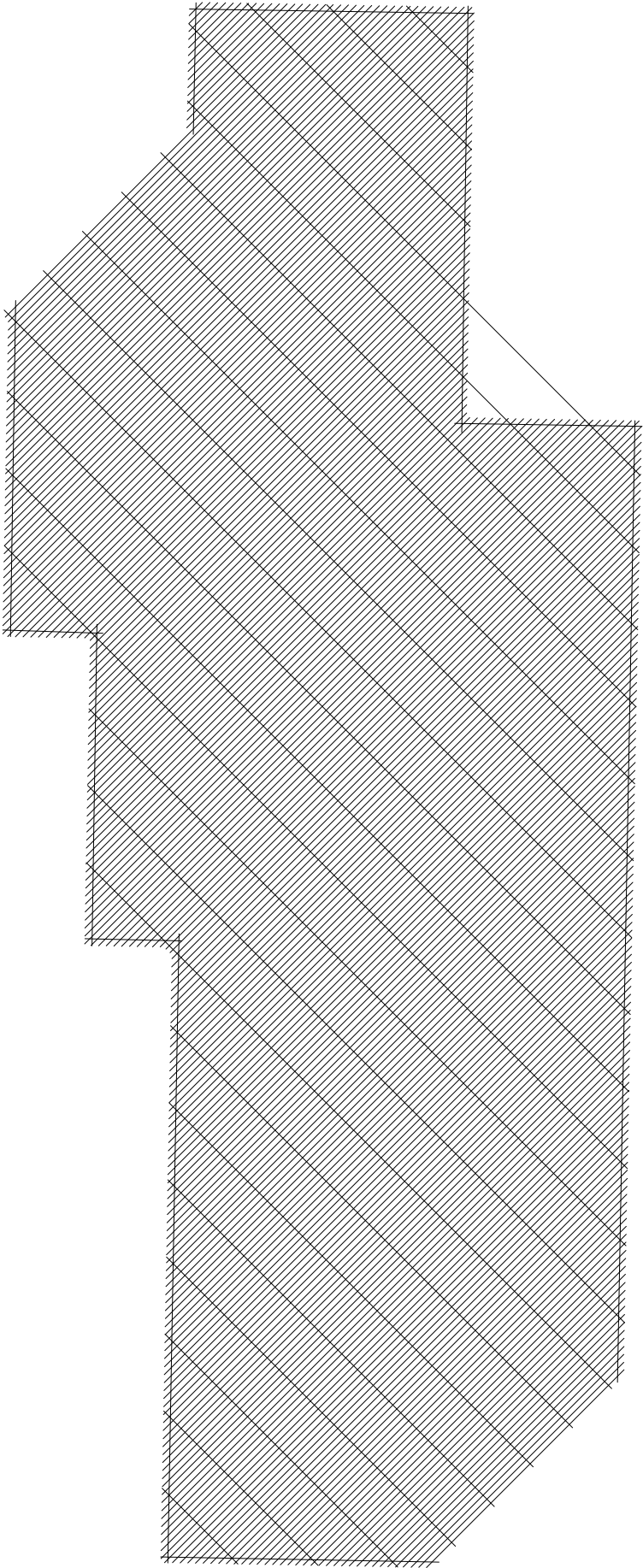
Line	Type	Easting	Northing	Easting	Northing	Direc	Length	Tv Cumul	Ti Cumul
403910	Trav	538517.70	6304195.55	540645.62	6306323.47	45.0	3.0	3043.4	0.0
403920	Trav	538518.18	6304337.45	540505.29	6306324.55	45.0	2.8	3046.2	0.0
403930	Trav	538518.65	6304479.34	540364.96	6306325.64	45.0	2.6	3048.8	0.0
403940	Trav	538519.13	6304621.24	540224.61	6306326.72	45.0	2.4	3051.2	0.0
403950	Trav	538519.60	6304763.14	540084.27	6306327.81	45.0	2.2	3053.5	0.0
403960	Trav	538520.08	6304905.04	539943.94	6306328.89	45.0	2.0	3055.5	0.0
403970	Trav	538520.56	6305046.94	539803.60	6306329.98	45.0	1.8	3057.3	0.0
403980	Trav	538521.03	6305188.83	539663.27	6306331.06	45.0	1.6	3058.9	0.0
403990	Trav	538521.51	6305330.73	539522.93	6306332.15	45.0	1.4	3060.3	0.0
404000	Trav	538521.99	6305472.64	539382.58	6306333.23	45.0	1.2	3061.5	0.0
404010	Trav	538522.46	6305614.53	539242.24	6306334.32	45.0	1.0	3062.5	0.0
404020	Trav	538522.94	6305756.43	539101.91	6306335.40	45.0	0.8	3063.4	0.0
404030	Trav	538523.42	6305898.33	538961.57	6306336.49	45.0	0.6	3064.0	0.0
404040	Trav	538523.89	6306040.23	538821.23	6306337.57	45.0	0.4	3064.4	0.0
490010	Tie	538454.27	6293968.53	539501.60	6292921.19	135.0	1.5	3064.4	1.5
490020	Tie	538488.49	6294708.91	540239.77	6292957.62	135.0	2.5	3064.4	4.0
490030	Tie	538517.36	6295442.90	540972.63	6292987.64	135.0	3.5	3064.4	7.4
490040	Tie	538520.51	6296146.88	541679.74	6292987.64	135.0	4.5	3064.4	11.9
490050	Tie	538527.24	6296847.25	542387.66	6292986.84	135.0	5.5	3064.4	17.4
490060	Tie	538804.71	6297276.88	546810.32	6289271.28	135.0	11.3	3064.4	28.7
490070	Tie	539157.81	6297630.90	547521.02	6289267.69	135.0	11.8	3064.4	40.5
490080	Tie	539510.91	6297984.90	548231.72	6289264.09	135.0	12.3	3064.4	52.8
490090	Tie	539864.01	6298338.91	548942.43	6289260.49	135.0	12.8	3064.4	65.7
490100	Tie	540084.20	6298825.83	549653.13	6289256.89	135.0	13.5	3064.4	79.2
490110	Tie	540087.13	6299530.00	550363.84	6289253.30	135.0	14.5	3064.4	93.7
490120	Tie	540090.06	6300234.18	551068.41	6289255.83	135.0	15.5	3064.4	109.3
490130	Tie	540093.00	6300938.35	551467.55	6289563.78	135.0	16.1	3064.4	125.4
490140	Tie	541018.27	6300720.15	551820.81	6289917.64	135.0	15.3	3064.4	140.6
490150	Tie	540098.87	6302346.69	552174.06	6290271.49	135.0	17.1	3064.4	157.7
490160	Tie	542442.58	6300710.06	552527.31	6290625.34	135.0	14.3	3064.4	172.0
490170	Tie	538538.96	6305320.81	552880.56	6290979.20	135.0	20.3	3064.4	192.3
490180	Tie	543866.88	6300699.96	553482.62	6291084.26	135.0	13.6	3064.4	205.9
490190	Tie	538936.92	6306337.07	554193.67	6291080.32	135.0	21.6	3064.4	227.4
490200	Tie	545291.21	6300689.87	554904.71	6291076.38	135.0	13.6	3064.4	241.0
490210	Tie	540357.16	6306331.04	555615.76	6291072.44	135.0	21.6	3064.4	262.6
490220	Tie	546715.52	6300679.78	555922.81	6291472.50	135.0	13.0	3064.4	275.6
490230	Tie	541562.16	6306540.25	555926.87	6292175.54	135.0	20.3	3064.4	295.9
490240	Tie	548139.83	6300669.68	555930.94	6292878.58	135.0	11.0	3064.4	307.0
490250	Tie	542271.94	6307244.69	551316.08	6298200.55	135.0	12.8	3064.4	319.7
490260	Tie	542981.71	6307949.12	548239.12	6302691.72	135.0	7.4	3064.4	327.2
490270	Tie	544182.64	6308162.41	546699.79	6305645.26	135.0	3.6	3064.4	330.7
490280	Tie	546236.25	6289332.96	551193.33	6289315.88	90.2	5.0	3064.4	335.7
490290	Tie	546290.60	6289279.32	546313.13	6293102.54	0.3	3.8	3064.4	339.5
490300	Tie	546365.31	6293033.59	538503.66	6293066.59	270.2	7.9	3064.4	347.4
490310	Tie	538569.99	6293004.73	538592.38	6297038.68	0.3	4.0	3064.4	351.4
490320	Tie	540177.52	6298484.25	540199.10	6304330.35	0.2	5.8	3064.4	357.3
490330	Tie	540092.77	6300635.49	549774.24	6300586.55	90.3	9.7	3064.4	366.9
490340	Tie	538525.49	6304180.17	540300.41	6304176.11	90.1	1.8	3064.4	368.7
490350	Tie	538638.48	6304062.13	538675.98	6306330.81	0.9	2.3	3064.4	371.0
490360	Tie	541452.67	6306216.56	538564.91	6306223.31	270.1	2.9	3064.4	373.9
490370	Tie	543119.22	6308071.74	545168.02	6308069.40	90.1	2.0	3064.4	375.9
490380	Tie	545054.71	6306199.79	545058.80	6308151.65	0.1	2.0	3064.4	377.9
490390	Tie	545041.66	6306227.47	546705.81	6306230.48	89.9	1.7	3064.4	379.5
490400	Tie	546601.55	6304307.60	546605.16	6306304.56	0.1	2.0	3064.4	381.5
490410	Tie	546542.48	6304358.98	548242.58	6304358.98	90.0	1.7	3064.4	383.2
490420	Tie	548129.90	6300659.40	548132.48	6304444.45	0.0	3.8	3064.4	387.0
490430	Tie	549682.57	6298753.35	549694.30	6300739.10	0.3	2.0	3064.4	389.0
490440	Tie	549637.65	6298819.54	551317.92	6298814.99	90.2	1.7	3064.4	390.7
490450	Tie	551240.40	6296946.96	551246.68	6298888.83	0.2	1.9	3064.4	392.6
490460	Tie	551207.21	6296981.59	552853.80	6296975.14	90.2	1.6	3064.4	394.3
490470	Tie	552771.52	6293254.66	552786.42	6297028.82	0.2	3.8	3064.4	398.1
490480	Tie	552748.35	6293287.77	555929.90	6293254.66	90.6	3.2	3064.4	401.2
490490	Tie	555862.35	6291202.36	555866.76	6293306.70	0.1	2.1	3064.4	403.3
490500	Tie	555764.55	6291121.64	552875.04	6291143.75	270.4	2.9	3064.4	406.2

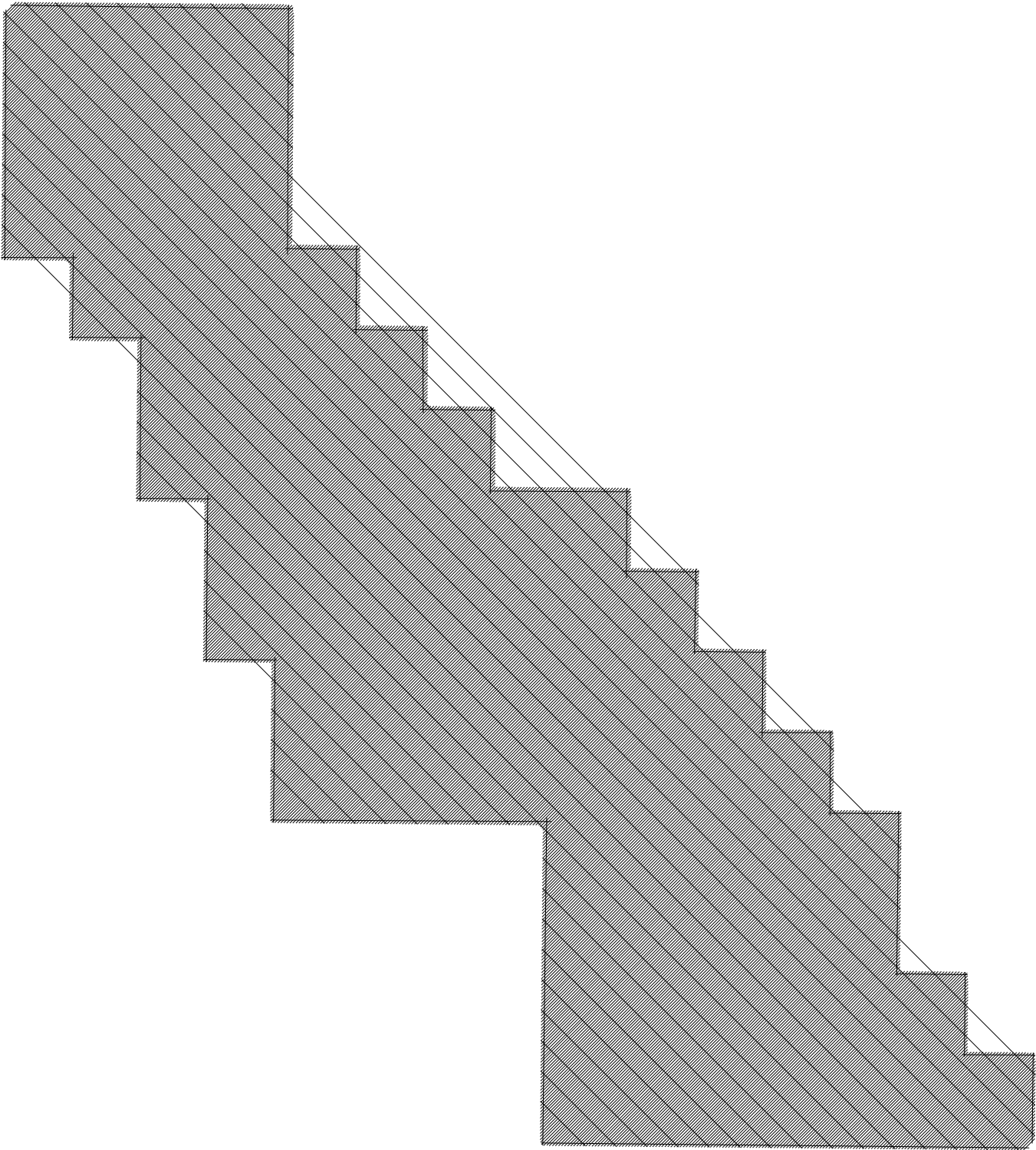


Fairholme



Mendooran





Pine Hill

