

Annual Report for  
EL26/2004 Firetower  
for the Period 26 November 2016 to 25 November 2017

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Date: November 2017

## **ABSTRACT**

EL26/2004 Firetower is located 65km west of Launceston in central north Tasmania. The tenement covers some 10 strike kilometres of rocks assigned to the Mt Read Volcanic sequence. The company's main focus is gold mineralisation however other styles of mineralisation are present within the licence area.

Work completed during the year included soil sampling and a review and reinterpretation of historic IP data over the Gog Range area with 3D models of IP and drill holes generated as well as preparations for 3D IP surveying.

## **KEYWORDS**

### Geology/Mineralisation

Mt Read Volcanics, Gordon Group, Owen Group, Tyndall Group, Beulah Formation, Roland Conglomerate, Moina Sandstone, Gordon Limestone, Gog Range Greywacke

### Minerals

Gold, copper, lead, zinc, silver, arsenic

### Deposits/Occurrences

Kenzies Hill, Firetower

## **COORDINATES**

All lat/long co-ordinates in this report refer to the AGD66 Datum

All AMG co-ordinates in this report refer to the AGD66 Datum - Zone55

## FILE SUMMARY LIST

File Name	Format	Contents
EL262004_201711_01_report	pdf	report
EL262004_201711_02_geochem	txt	data

### **SUMMARY OF ACTIVITIES FOR THE EL26/2004 FIRETOWER FOR THE PERIOD 26 NOVEMBER 2016 to 25 NOVEMBER 2017**

- soil sampling
- review and reinterpretation of historic IP data
- generation of 3D model
- preparation for 3D IP survey

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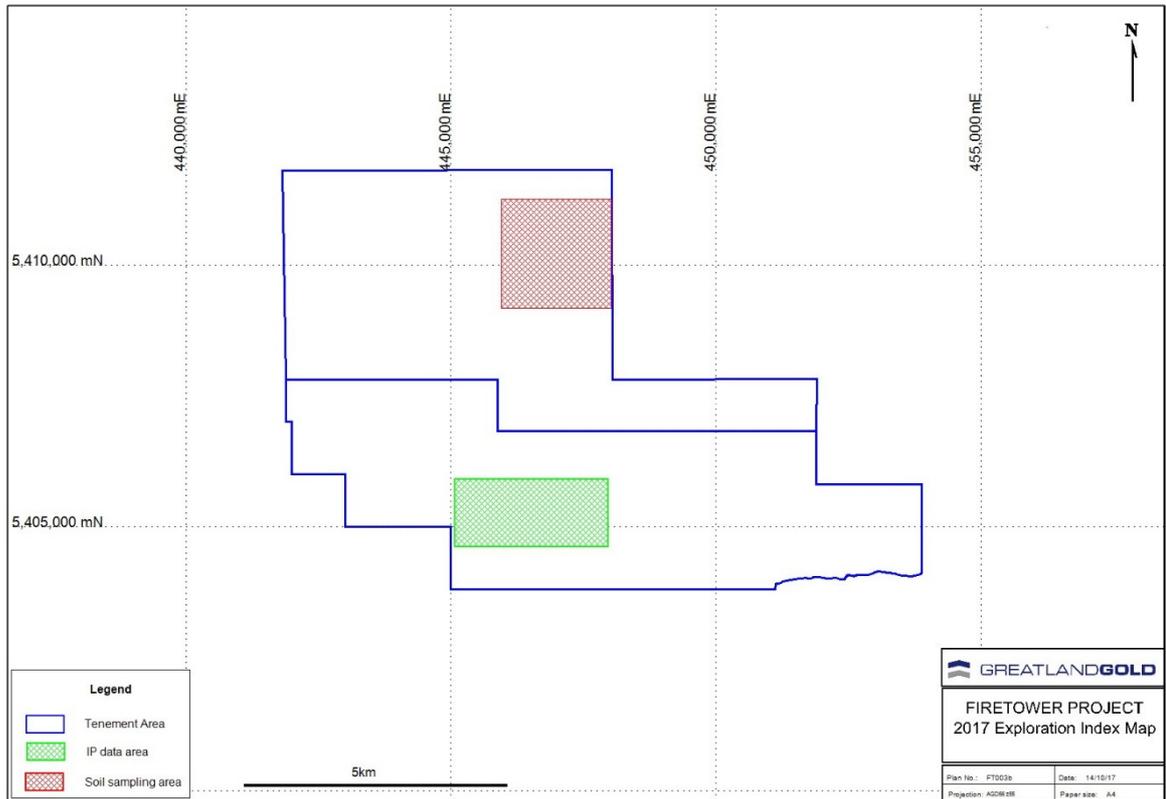
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## 1.0 Introduction

This report details the exploration activities completed within EL26/2004 during the period 26 November 2016 to 25 November 2017. The lease is located in central north Tasmania, approximately 65km west of Launceston.

The tenement covers some 10 strike kilometres of rocks assigned to the Mt Read Volcanic sequence. The company's main focus is gold mineralisation however other styles of mineralisation are present within the licence area.

Work completed during the year included soil sampling and a review and reinterpretation of historic IP data over the Gog Range area with 3D models of IP and drill holes generated as well as preparations for 3D IP surveying.

## 2.0 Tenement Details

EL26/2004 Firetower was applied for by Greatland Pty Ltd during March 2004 and was granted during November 2004. The tenement was consolidated with the retained area of EL2/2009 (Beulah) in May 2016. The consolidated tenement covers an area of 64 square kilometres. Tenement details are shown in Table 1.

Table 1 – Tenement Details

Tenement	Holder	Date Applied	Date Granted	Date consolidated	Size
EL26/2004	Greatland Pty Ltd 100%	10 Mar 2004	26 Nov 2004	27 May 2016	64 km <sup>2</sup>

## 3.0 Location and Access

EL26/2004 Firetower is located 65km west of Launceston in central north Tasmania. It lies 25km west-north-west of the town of Deloraine (Figure 1).

Land within the tenement is state forest with portions of private farming land in the north west and south west.

The project lies within the Tasmania NE (SK55-20) 1:250,000 map sheet, and within Mersey (8114) and Forth (8115) 1:100,000 map sheet.

From Launceston, access to the project area is by sealed road to Deloraine then west and north via the sealed Union Bridge Road which traverses the tenement. Local roads and logging tracks provide good access throughout the project area with 4WD vehicles.

#### **4.0 Geology and Mineralisation**

The licence area covers some 10 strike kilometres of rocks assigned to the Cambrian Mt Read Volcanics (Figure 2). The Mt Read Volcanics are highly mineralised and host world class base metal and gold deposits, particularly in the western parts of Tasmania. The Cambrian volcanics and sediments are unconformably overlain by late Cambrian to early Ordovician Gordon Group consisting of siliclastics of the Roland Conglomerate and Moina Sandstone overlain by the Gordon Limestone. The regional and economic geological setting has been detailed in a previous report (Askins and Baxter, 2005).

Gold mineralisation has been well defined at the Firetower prospect. Gold and base metal mineralisation, outlined by soil and rock chip sampling, extends east and west of the Firetower prospect for some kilometres. Further details of geology and mineralisation can be found in McLean and Baxter (2006), McLean (2007) and Baxter (2008 and 2009).

#### **5.0 Previous Exploration**

Detailed of previous exploration within EL26/2004 have been covered in previous annual reports. Readers are referred to these reports.

## 6.0 Work Carried Out During the Period

Work completed during the year included soil sampling and a review and reinterpretation of historic IP data over the Gog Range area with 3D models of IP and drill holes generated as well as preparations for 3D IP surveying.

### *Soil sampling*

A total of 152 soil samples were collected during the period. Samples were collected from the Kenzies Hill prospect area.

Samples were collected along 9 traverses and at 100m intervals along each traverse. Two kilograms of sample were taken at each site from a depth of 200-300mm on average and coarse screened 2mm mesh.

All samples were sent to Genalysis Lab for multi-element analysis through aqua regia methods.

Results returned high values of 3ppb Au, 0.28ppm Ag, 109ppm As, 2.04ppm Bi, 59.4ppm Co, 114 Cu, 246.8ppm Pb, 3.41ppm Sb, and 110ppm Zn. All samples results are presented in Appendix I and locations are shown in Figure 3.

### *Review and reinterpretation of historic IP data*

A review of all available geophysics data was undertaken and reinterpretation of the 1990 Noranda data was carried out resulting in the production of 2D inversion models for the Firetower prospect. (Figures 4 – 9)

### *3D modelling of IP and drill hole data*

An interactive 3D model comprising drillhole data, 2D DDIP inversions and detailed topography sourced from SRTM and SAM geophysical surveys was created for the Firetower prospect. (Figures 10-12)

The 3D model confirmed a strong correlation between known mineralised zones and areas of significant IP chargeability. It must be noted the historic DDIP depth penetration is probably 100m at best.

The quality of geophysical inversion software and availability of modern 3D IP systems suggests a comprehensive distributed array IP survey could be very successful in outlining additional drill targets along strike and at depth at the Firetower prospect.

#### *Preparations for 3D IP*

During the period an area was selected which warrants additional ground IP surveying to better define areas of potential mineralisation and aid in drill targeting. Quotes have been obtained from contracting companies to carry out this work and preparations are underway for the survey programme.

### **7.0 Conclusions**

EL26/2004 Firetower is located 65km west of Launceston in central north Tasmania. It lies 25km west-north-west of the town of Deloraine

The tenement covers some 10 strike kilometres of rocks assigned to the Mt Read Volcanic sequence. The company's main focus is gold mineralisation however other styles of mineralisation are present within the licence area.

Work completed during the year included soil sampling and a review and reinterpretation of historic IP data over the Gog Range area with 3D models of IP and drill holes generated as well as preparations for a 3D IP survey.



Figure 1: Project location and regional geology map

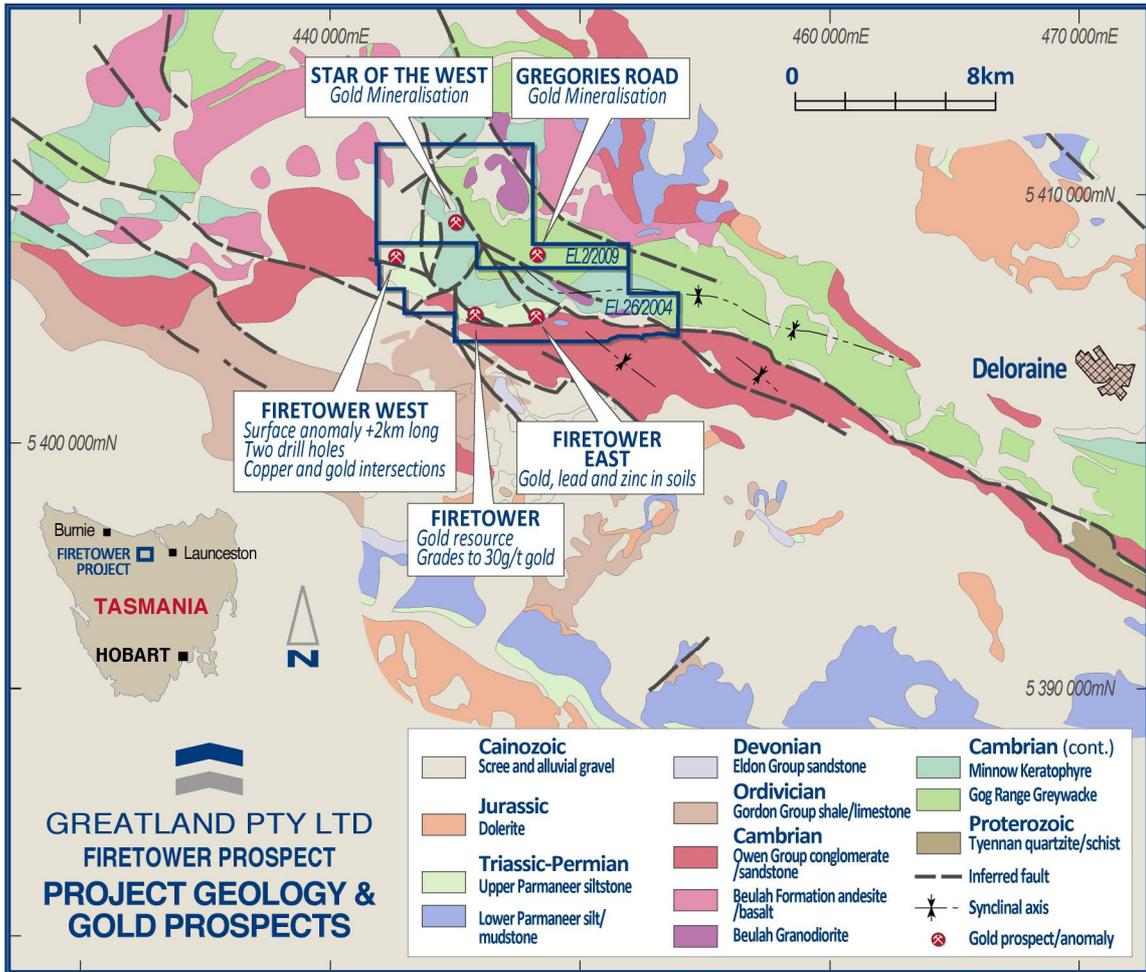


Figure 2: Project geology

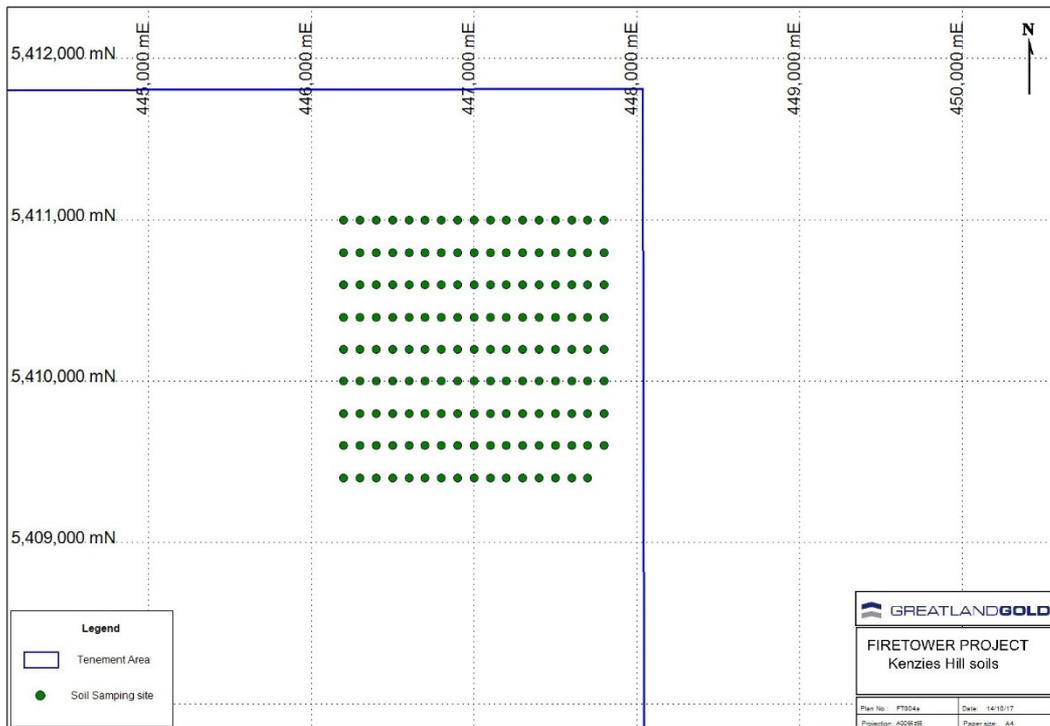


Figure 3: Soil Sampling Grid

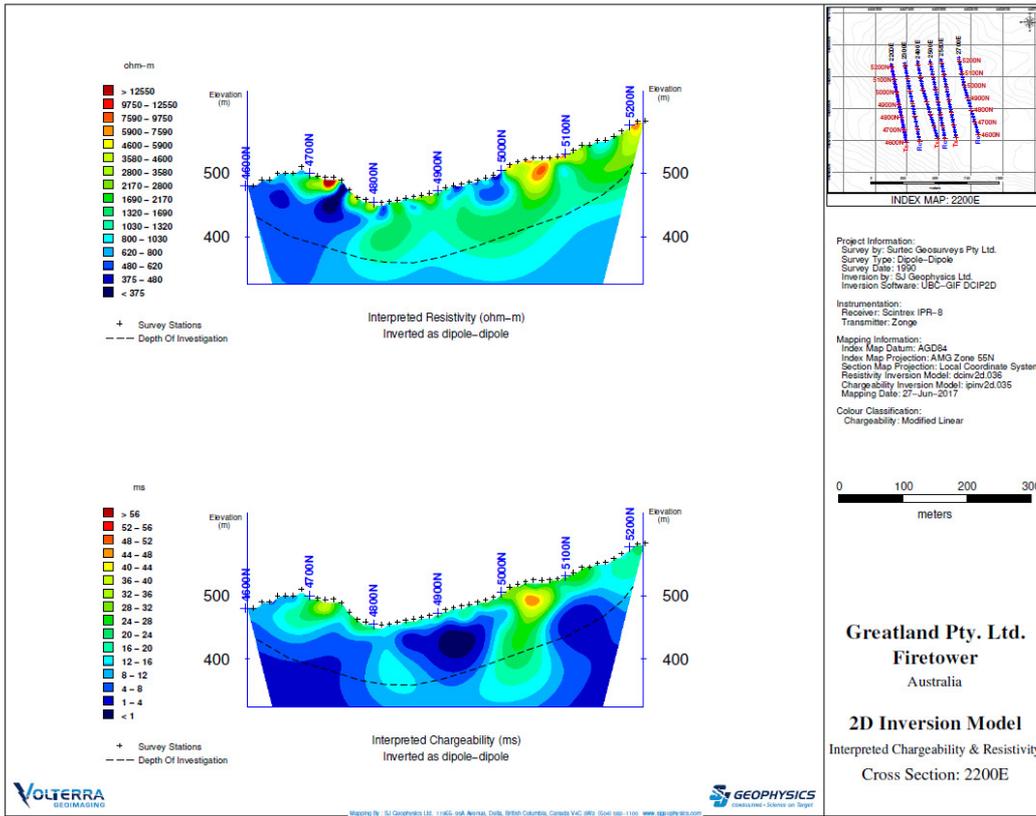


Figure 4: 2D inversion model – section 2200E

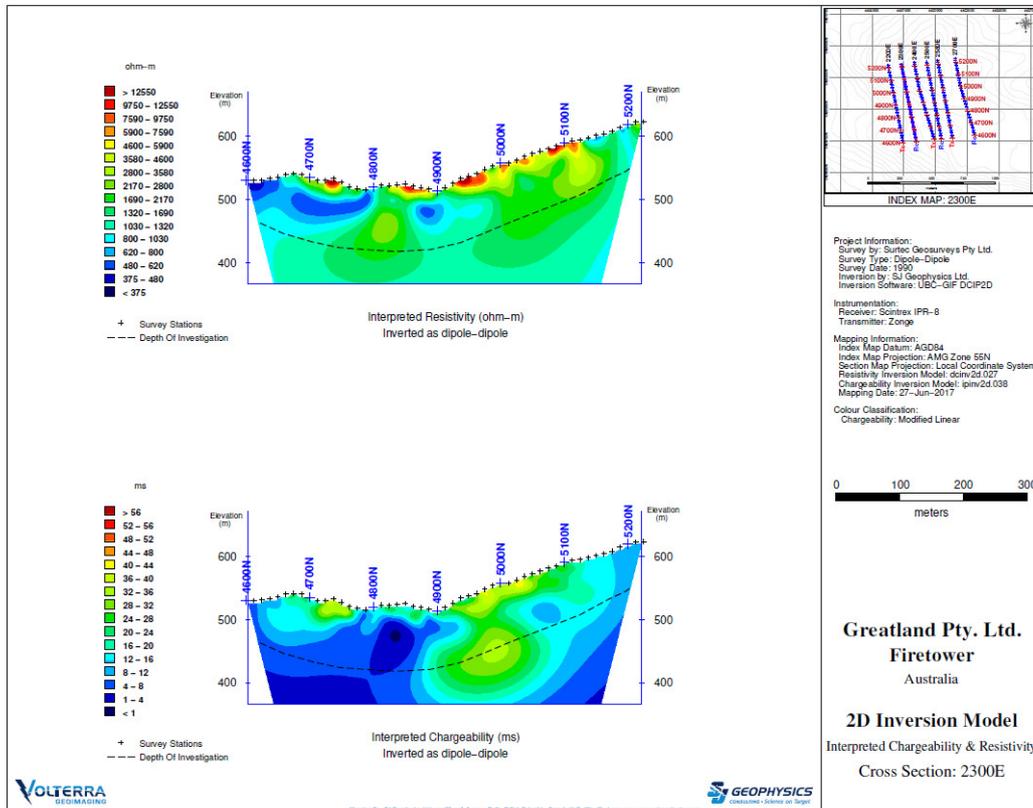


Figure 5: 2D inversion model – section 2300E

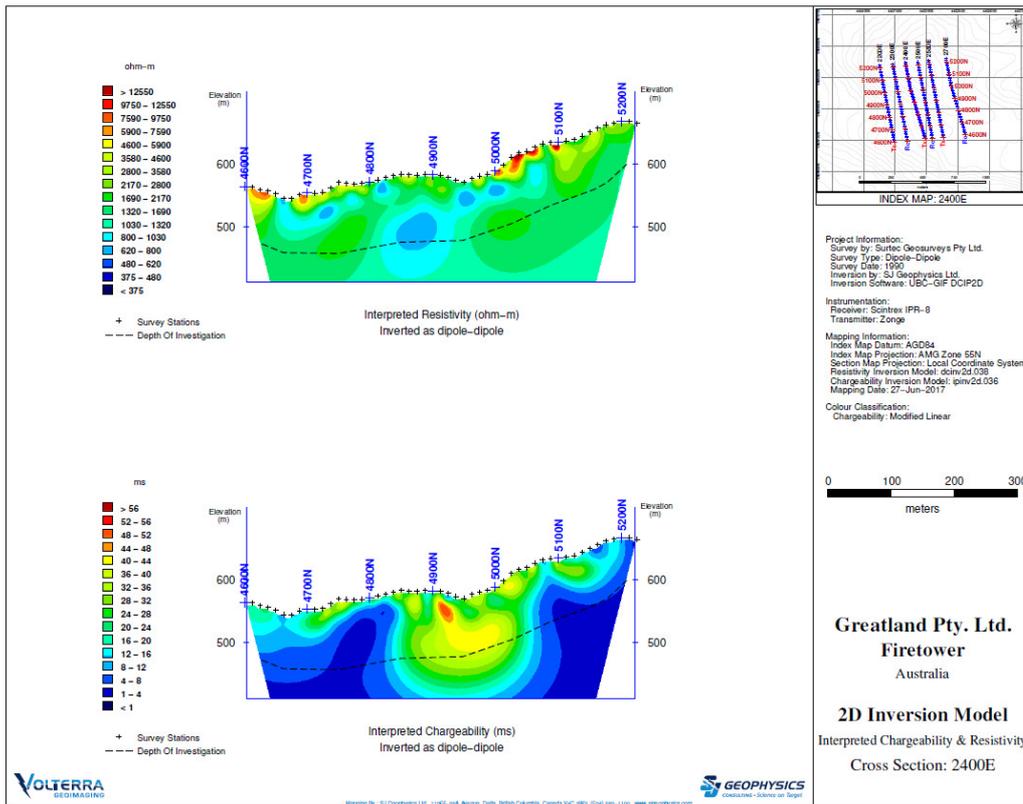


Figure 6: 2D inversion model – section 2400E

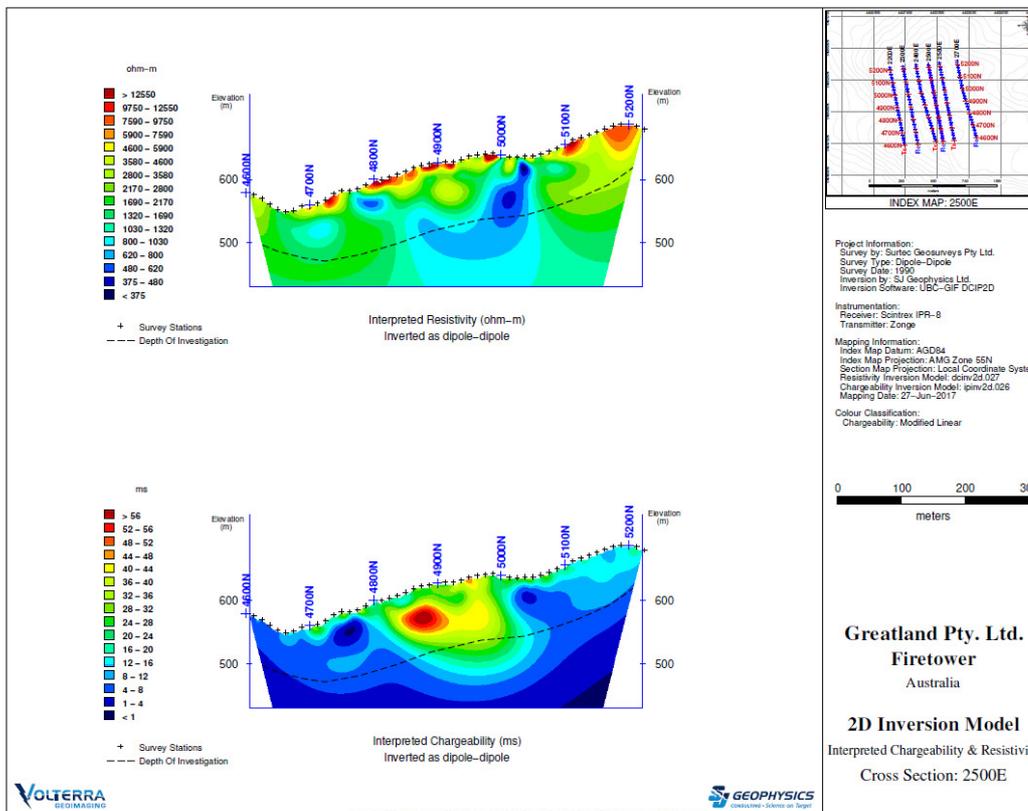


Figure 7: 2D inversion model – section 2500E

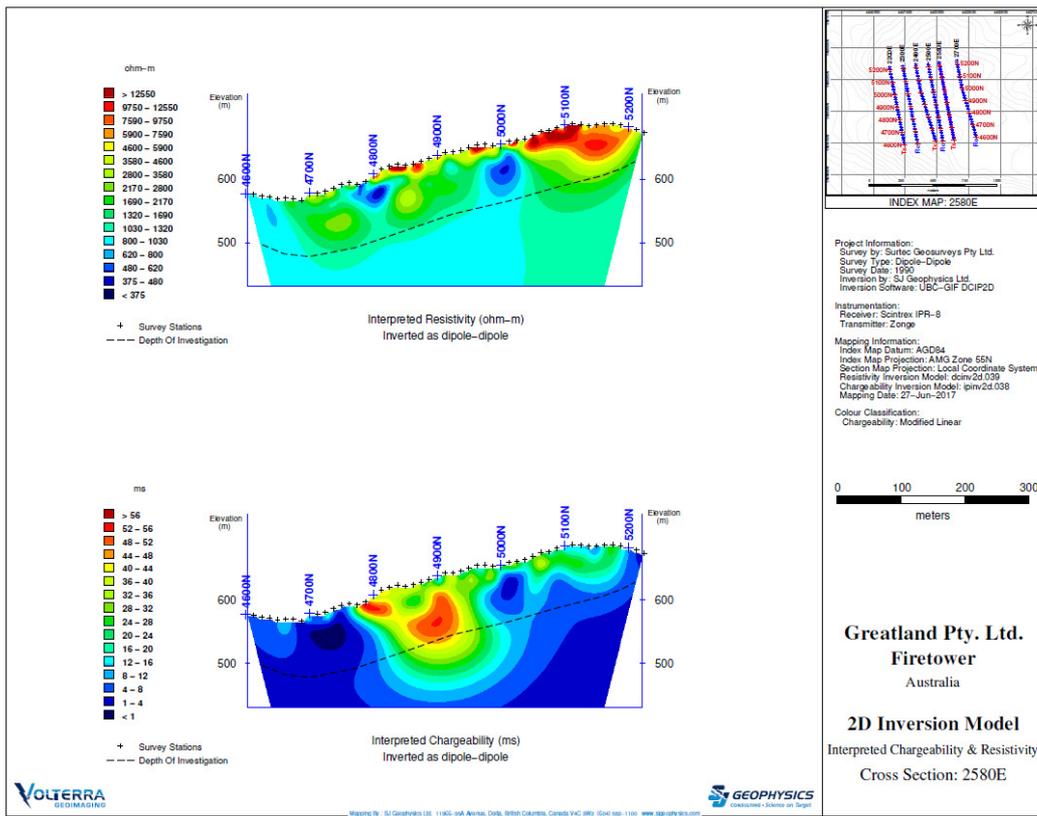


Figure 8: 2D inversion model – section 2580E

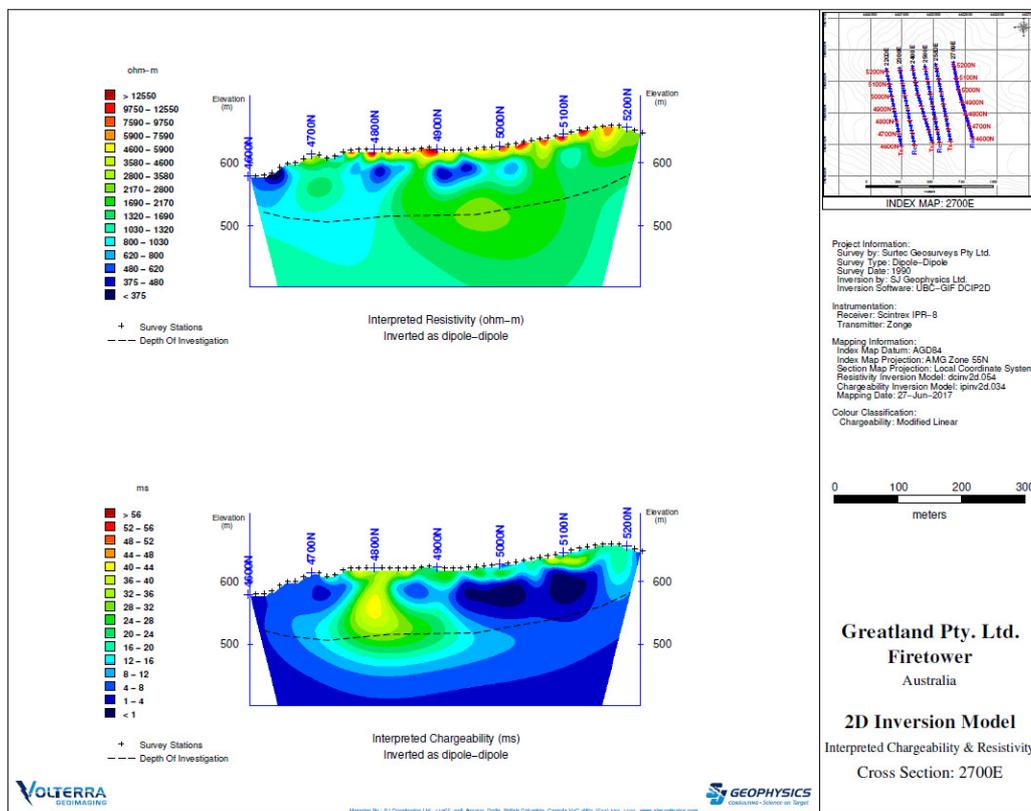


Figure 9: 2D inversion model – section 2700E

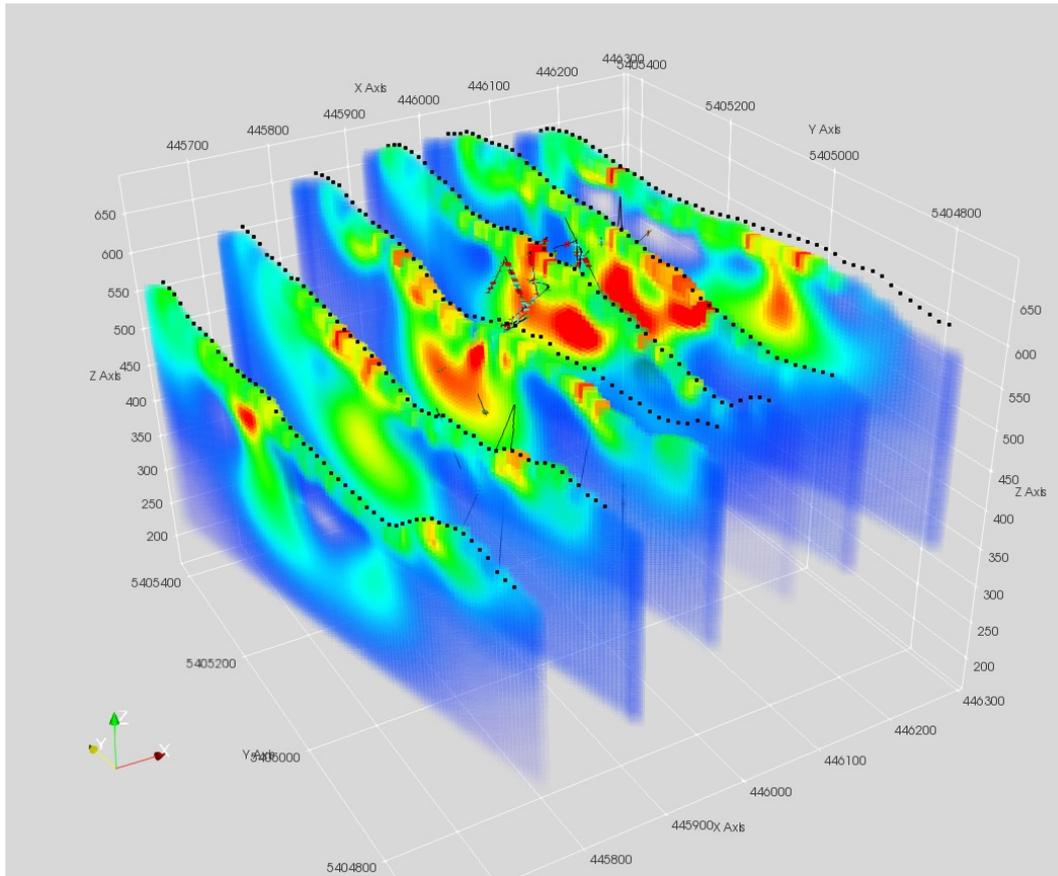


Figure 10: 3D – 2D IP Inversion & Drillholes

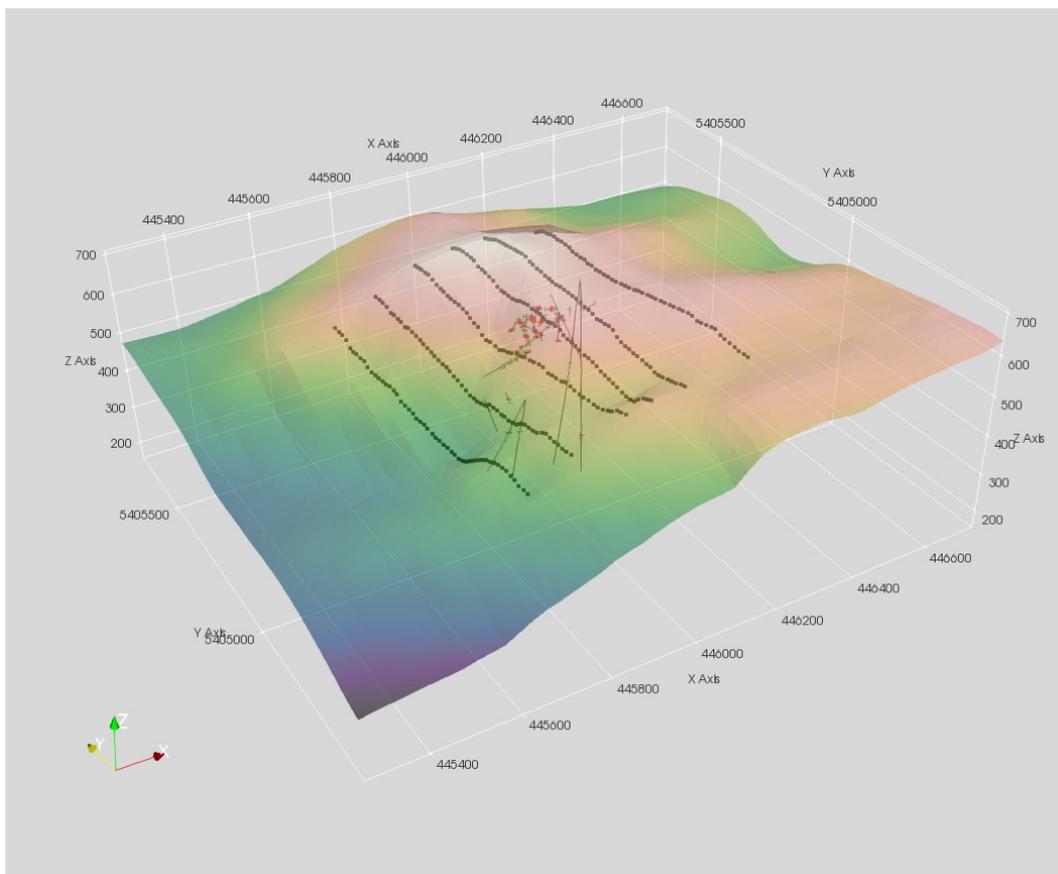


Figure 11: 3D - DDIP Stations, DEM & Drillholes

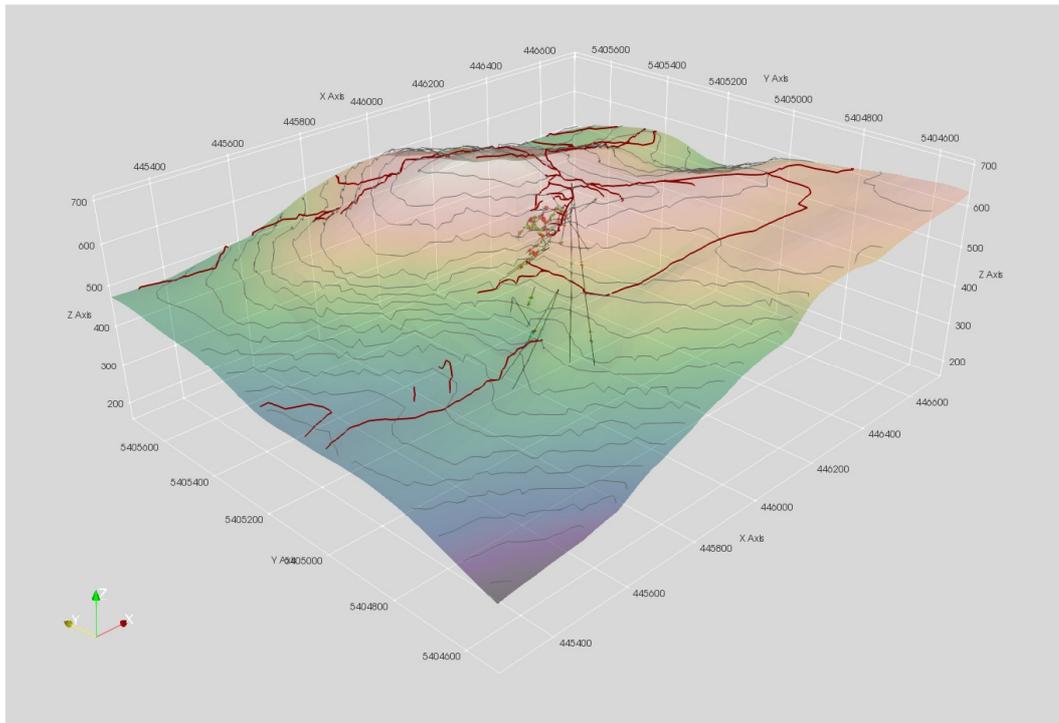


Figure 12: 3D – Drillholes, DEM & Access

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## APPENDIX I

### Soil Sample Data

H1000 Tenement No/Combined Report EL26/2004  
H1011 Tenement Holder Greatland Pty Ltd  
H1012 Tenement Operator Greatland Pty Ltd  
H1013 Project Name Firetower  
H1014 250K Map Sheet SK55-20  
H1015 100K Map Sheet 8114 8115  
H2020 Start Date of Data Acquisition Dec-16  
H2021 End Date of Data Acquisition Dec-16  
H2022 Data Format SG2  
H2023 Number of Data Records 152  
H2024 Date of Metadata Update Oct-17  
H5000 Feature Located Sample Point  
H5051 Geodetic Datum AGD66  
H5052 Vertical Datum N/A  
H5053 Projection AMG  
H5054 Projection Zone 55  
H5055 Surveying Instrument Handheld GPS  
H5056 Surveying Company Greatland Pty Ltd  
H6000 Sample Code Soil  
H6061 Sample Type Soil  
H6062 Sample Description -2mm  
H7000 Sample Prep Code SSMG  
H7011 Sample Prep Details 75micron  
H7012 Job No. 1700492  
H8000 Assay Code AR10/OE AR10/MS  
H8011 Assay Company Genalysis Laboratories  
H802 Assay Description Aqua Regia digest - AAS/MS read below detection - 1 no data -999  
H9000 Remarks  
H1000 Sample No. AMG East North Datum Zone

H1001	H1002	H1003	Zone	metres										metres										Zone													
				Au	Ag	Al	As	B	Ba	Bi	Cs	Cd	Ce	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na		Ni	P	Pb	S	Sb	Sc	Sr	Te	Ti	Tl	V	W	Zn
1	0.05	1	0.05	1	0.05	1	0.05	1	0.05	1	0.05	1	0.05	1	0.05	1	0.05	1	0.05	1	0.05	1	0.05	1	0.05	1	0.05	1	0.05	1	0.05	1	0.05	1	0.05	1	
AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	AR10/MS	
D FS 4401	446200	5409400	AGD66	55	-1	0.07	34320	13	-1	18	0.33	181	-1	14.85	4.4	235	73	5.79	448	6.21	742	320	0.5	51	53	321	11.4	195	0.17	19	2.3	-1	109	0.09	148	-1	110
D FS 4402	446300	5409400	AGD66	55	1	-1	23473	7	-1	39	0.23	402	-1	24.67	8.1	186	41	4.38	445	11.23	1185	589	0.7	50	66	305	12.9	208	0.27	7	4.9	-1	80	0.11	102	-1	35
D FS 4403	446400	5409400	AGD66	55	-1	-1	11071	2	-1	19	0.08	54	-1	25.87	3.9	86	11	1.41	297	12.93	830	84	0.2	37	28	63	7	88	0.08	3	1.3	-1	83	0.09	35	-1	17
D FS 4404	446500	5409400	AGD66	55	1	0.07	19400	3	-1	96	0.14	362	0.1	25.63	13.4	63	20	2.33	746	15.27	2531	829	0.4	79	39	308	24	362	0.11	4	4.9	-1	143	0.17	55	-1	55
D FS 4405	446600	5409400	AGD66	55	-1	0.06	21277	3	-1	138	0.14	756	0.1	26.82	8	63	14	2.76	654	17.33	2821	624	0.3	62	35	335	22.6	338	0.09	4	8.2	-1	160	0.13	60	-1	56
D FS 4406	446700	5409400	AGD66	55	-1	-1	18627	20	-1	61	0.2	460	-1	33.68	19.1	177	43	3.79	589	17.1	2193	213	0.5	87	157	257	12.2	151	0.58	6	7.8	-1	26	0.19	80	-1	35
D FS 4407	446800	5409400	AGD66	55	-1	-1	18229	8	-1	33	0.17	475	-1	21.86	10.4	307	28	3.72	395	10.85	3740	361	0.4	50	117	194	8.3	115	0.23	6	4.6	-1	19	0.09	94	-1	22
D FS 4408	446900	5409400	AGD66	55	-1	-1	9670	109	-1	38	0.13	127	-1	22.99	3.9	191	19	3.45	584	6.89	171	131	0.4	35	139	136	5.6	92	3.41	4	4.4	-1	16	0.09	61	-1	21
D FS 4409	447000	5409400	AGD66	55	-1	0.07	27050	13	-1	26	0.13	558	-1	22.95	41.2	642	41	4.37	613	11.72	35147	473	0.3	53	454	271	10.7	141	0.46	9	5.6	-1	47	0.2	87	-1	53
D FS 4410	447100	5409400	AGD66	55	-1	-1	21815	5	-1	65	0.31	1378	0.09	24.22	8.6	129	24	4.54	859	17.09	2644	443	0.3	68	77	312	17.7	236	0.13	6	12.8	-1	220	0.17	104	-1	46
D FS 4411	447200	5409400	AGD66	55	-1	0.18	29552	7	-1	140	0.56	2216	0.08	83.95	31	134	41	5.04	827	32.48	4086	2092	0.6	87	156	699	44.3	263	0.19	10	23.1	-1	410	0.29	147	-1	72
D FS 4412	447300	5409400	AGD66	55	-1	0.11	31088	4	-1	100	0.61	1400	-1	49.16	4.9	50	17	4.38	668	26.44	944	1553	0.3	66	21	379	41	244	0.12	6	18.3	-1	247	0.17	126	-1	52
D FS 4413	447400	5409400	AGD66	55	-1	0.26	26743	5	-1	57	0.25	1020	-1	36.28	22.1	289	34	5.69	663	10.9	9696	1026	0.3	75	165	563	21.5	259	0.08	10	9.7	-1	391	0.16	140	-1	43
D FS 4414	447500	5409400	AGD66	55	-1	0.06	20816	5	-1	98	0.26	2267	-1	22.02	5.1	87	27	4.25	755	10.04	1708	1065	0.4	61	33	485	12.7	353	0.11	7	21.3	-1	351	0.18	126	-1	27
D FS 4415	447600	5409400	AGD66	55	-1	0.07	21912	6	-1	193	0.19	3099	0.05	42.57	16.6	104	32	3.9	852	20.5	3668	1047	0.9	81	66	553	15.1	309	0.15	7	23.4	-1	277	0.19	116	-1	59
D FS 4416	447700	5409400	AGD66	55	1	-1	20821	40	-1	79	0.22	1752	-1	27.56	7.2	111	23	4.5	891	16.27	2968	286	0.8	75	84	428	14	358	0.74	7	15.1	-1	211	0.2	114	-1	32
D FS 4417	447800	5409600	AGD66	55	2	0.06	46836	6	-1	125	0.41	1601	-1	120.37	10.8	74	31	6.52	1395	22.09	2450	3143	0.6	93	54	489	25.1	320	0.16	16	16.4	-1	507	0.32	163	-1	44
D FS 4418	447900	5409600	AGD66	55	-1	-1	29146	6	-1	60	0.3	892	-1	72.84	6.1	57	13	6.74	501	18.12	866	1939	0.3	67	17	465	20.5	268	0.17	18	13.2	-1	281	0.18	183	-1	37
D FS 4419	447900	5409600	AGD66	55	-1	-1	30416	5	-1	50	0.33	997	-1	75.44	3.8	57	13	6.77	356	13.06	771	1495	0.1	60	19	577	17.2	316	-1	17	15	-1	253	0.11	213	-1	26
D FS 4420	447900	5409600	AGD66	55	-1	0.05	41156	7	-1	266	0.67	3163	-1	269.52	15	45	33	6.36	621	20.74	1049	3586	0.3	90	26	1182	30.9	373	0.09	19	89.7	-1	295	0.21	189	-1	39
D FS 4421	447400	5409600	AGD66	55	-1	0.05	31669	7	-1	63	0.48	7183	-1	36.91	3.7	96	13	6.16	652	9.91	1069	1030	0.2	92	18	561	39.5	258	0.28	17	13.4	-1	444	0.21	184	-1	43
D FS 4422	447300	5409600	AGD66	55	-1	0.18	48712	6	-1	110	0.86	2085	-1	103.34	12.7	51	30	6.49	789	53.34	2608	1708	0.5	97	19	684	54.9	289	0.29	12	28.6	-1	612	0.26	182	-1	87
D FS 4423	447200	5409600	AGD66	55	3	0.15	29146	6	-1	146	0.66	2302	-1	70.81	11.7	56	40	6.52	985	40.85	1364	3656	0.5	91	25	734	45.1	440	0.11	10	37.3	-1	365	0.29	174	-1	71
D FS 4424	447100	5409600	AGD66	55	-1	0.07	30468	5	-1	108	0.13	1068	-1	171.72	13.3	73	10	6.07	891	37.33	2608	1368	0.3	93	20	756	13.9	291	0.07	22	13.9	-1	757	0.2	201	-1	38
D FS 4425	447000	5409600	AGD66	55	-1	-1	19116	4	-1	92	0.21	913	-1	34.65	16.7	237	33	3.74	614	17.78	8460	753	0.2	50	155	350	9.7	208	0.06	7	9.7	-1	295	0.18	102	-1	41
D FS 4426	446900	5409600	AGD66	55	-1	-1	17906	5	-1	43	0.18	973	-1	43.19	8.8	186	22	2.86	520	21.58	6663	165	0.3	47	107	172	7.5	131	0.48	5	2.8	-1	67	0.1	74	-1	29
D FS 4427	446800	5409600	AGD66	55	-1	0.05	19405	3	-1	66	0.18	552	-1	29.59	10.8	170	27	2.31	656	16.17	8055	299	0.2	87	130	158	8.6	125	0.12	6	6.8	-1	176	0.12	60	-1	43
D FS 4428	446700	5409600	AGD66	55	-1	-1	19195	10	-1	66	0.17	946	-1	32.35	34.4	277	28	3.64	593	15.29	6779	868	0.5	67	220	279	13.4	170	0.35	5	11	-1	33	0.15	86	-1	44
D FS 4429	446600	5409600	AGD66	55	-1	-1	14843	7	-1	50	0.19	1057	-1	30.55	6	138	20	3.08	514	15.61	1913	408	0.6	54	55	248	10.5	240	0.26	4	9.5	-1	170	0.09	73	0.2	24
D FS 4430	446500	5409600	AGD66	55	-1	0.08	27841	2	-1	242	0.15	1848	0.14	39.7	7	108	27	1.76	1034	23.46	4827	341	0.3	138	93	679	19.8	483	0.1	5	18.9	-1	117	0.17	43	-1	79
D FS 4431	446400	5409600	AGD66	55	-1	-1	26271	5	-1	44	0.12	531	-1	32.08	13.3	276	29	3.74	560	17.05	12872	252	0.4	70	165	173	10.3	126	0.09	7	4.8	-1	69	0.11	69	-1	42
D FS 4432	446300	5409600	AGD66	55	-1	0.06	26813	10	-1	37	0.23	678	-1	20.97	4.8	223	37	4.04	640	10.01	1543	659	0.6	70	78	289	11.8	220	0.32	8	6.2	-1	153	0.13	97	-1	22
D FS 4433	446200	5409600	AGD66	55	-1	-1	13654	9	-1	34	0.17	1208	-1	17.23	13.7	209	34	5.01	355	7.86	1196	851	0.4	98	190	346	8.1	148	0.25	9	9.4	-1	5	0.11	71	-1	33
D FS 4434	446200	5410800	AGD66	55	-1	-1	17006	3	-1	61	0.07	504	-1	21.45	11.6	100	14	2.23	519	6.65	4046	1143	0.1	60	57	219	9.9	132	0.06	4	5	-1	274	0.16	52	-1	29
D FS 4435	446200	5411000	AGD66	55	-1	0.06	26499	4	-1	84	-1	1187	0.06	65.29	21.3	34	18	5.13	846	15.94	2764	2275	0.1	64	17	657	17.6	221									

D	FS 4470	447000	5410200	AGD66	55	-1	0.11	66023	9	-1	237	0.88	4084	0.13	14807	9.5	73	64	7.4	959	82.47	1174	8318	1.5	120	32	968	57	661	27.7	14	42.2	-1	414	0.32	182	-1	58	
D	FS 4471	447000	5410200	AGD66	55	-1	0.1	47393	9	-1	184	1	3793	0.15	11817	7.4	61	51	6.79	805	47.44	913	5524	1.5	95	22	739	33.5	529	0.35	12	36.2	-1	355	0.24	176	-1	38	
D	FS 4472	447000	5410200	AGD66	55	-1	0.15	58201	9	-1	232	1.63	3581	0.09	1117.6	9	7.49	69	61	7.42	799	43.9	954	4790	1.4	109	29	740	37.3	578	0.31	11	47.8	-1	348	0.27	198	-1	42
D	FS 4473	447000	5410200	AGD66	55	-1	0.17	59423	7	-1	196	1	2493	0.09	125.53	11.2	74	48	7.24	906	42.32	906	5857	1.3	125	33	616	49.4	482	0.35	11	33.6	-1	315	0.46	190	-1	50	
D	FS 4474	446900	5410200	AGD66	55	-1	0.07	31300	5	-1	126	0.85	1003	-1	36.36	4.5	79	17	7.1	940	17.74	962	724	0.6	104	17	276	39.5	231	0.26	9	15.8	-1	281	0.34	227	-1	35	
D	FS 4475	446900	5410000	AGD66	55	-1	0.07	36207	8	-1	98	1.58	820	-1	41.06	5.2	85	53	8.22	1067	18.94	1381	831	0.2	97	15	493	80.4	220	0.24	41	19	-1	413	0.31	253	-1	52	
D	FS 4476	447000	5410000	AGD66	55	-1	0.21	49746	8	-1	177	1.21	1558	-1	126.56	14.5	71	59	7.85	1263	31.01	1160	3650	0.9	133	23	387	72.1	262	0.43	11	33.4	-1	370	0.61	227	-1	51	
D	FS 4477	447000	5410000	AGD66	55	-1	0.11	43421	11	-1	127	1.77	1455	-1	61.53	5.8	58	69	7.95	731	18.62	819	3167	0.6	97	18	581	23	407	0.59	18	39.4	-1	455	0.23	207	-1	32	
D	FS 4478	447000	5410000	AGD66	55	-1	0.11	43852	10	-1	200	2.08	1716	9.5	65	65	72	6.1	641	58.69	931	7702	1.6	116	25	909	42.2	506	0.6	17	29.6	-1	448	0.22	209	-1	53		
D	FS 4479	447300	5410000	AGD66	55	1	0.12	64526	8	-1	137	1.26	2708	-1	143.51	7.2	61	62	7.72	842	48.77	1111	4150	1	106	23	868	81.7	472	0.55	23	24.4	-1	458	0.21	195	-1	32	
D	FS 4480	447300	5409800	AGD66	55	1	0.22	54033	9	-1	113	1.46	3984	-1	162.73	10.7	50	75	6.72	600	51.57	1777	3341	1.3	89	19	958	246.8	549	0.58	12	39.8	-1	602	0.13	155	0.1	71	
D	FS 4481	447200	5409800	AGD66	55	-1	0.2	59515	8	-1	191	1.37	2257	-1	124.09	11.6	67	64	7.43	811	47.52	1438	5070	1.1	117	29	660	44.3	449	0.54	11	34.7	-1	567	0.13	200	-1	41	
D	FS 4482	447000	5409800	AGD66	55	-1	0.28	31396	6	-1	109	1.03	1482	-1	28.72	5.4	57	38	6.31	748	17.81	1149	1967	0.8	98	13	485	43.9	513	0.33	7	36.4	-1	286	0.28	187	-1	71	
D	FS 4483	447000	5409800	AGD66	55	-1	0.09	27370	4	-1	76	0.82	715	-1	28.39	6	96	20	6.4	1007	16.85	1085	731	0.6	111	17	201	43	152	0.39	6	16.4	-1	557	0.29	208	-1	46	
D	FS 4484	446900	5409800	AGD66	55	-1	0.09	42700	4	-1	118	0.43	556	-1	31.76	4.9	66	16	6.65	1065	13.41	1155	735	0.8	138	20	432	32.8	311	0.22	11	12.5	-1	421	0.23	199	-1	37	
D	FS 4485	446800	5409800	AGD66	55	-1	0.05	31979	4	-1	194	0.29	2397	0.16	27.23	8.6	65	29	5.83	2031	14	3437	635	1.3	101	40	577	40.5	290	0.27	14	24	-1	585	0.36	191	-1	60	
D	FS 4486	446900	5410800	AGD66	55	-1	-1	35516	15	-1	75	0.23	1473	0.08	6.63	7.4	420	45	6.85	404	2.61	6532	904	0.7	64	129	557	16.4	283	0.37	12	16.3	-1	235	0.11	133	-1	37	
D	FS 4487	446800	5410800	AGD66	55	-1	-1	19641	3	-1	169	0.45	707	0.08	22.53	7	68	30	2.02	804	11.22	1758	241	0.4	74	28	832	36.4	560	0.15	5	11.3	-1	94	0.2	90	-1	44	
D	FS 4488	446700	5410800	AGD66	55	-1	-1	29974	2	-1	129	0.55	992	0.05	20.5	15.7	48	46	3.97	1333	10.68	2220	2139	0.4	90	25	390	28	309	0.24	6	11.6	-1	218	0.33	100	-1	43	
D	FS 4489	446600	5410800	AGD66	55	-1	-1	16025	2	-1	67	0.19	729	0.06	9.83	23.5	76	17	2.92	686	4.4	1337	1186	0.4	60	34	315	17.6	268	0.1	3	6.3	-1	178	0.23	69	-1	25	
D	FS 4490	446500	5410800	AGD66	55	-1	-1	25503	1	-1	162	0.13	1484	0.09	23.01	9.9	43	32	2.93	624	9.26	1812	2762	0.4	71	33	489	12.2	250	0.1	5	9.8	-1	324	0.17	76	-1	38	
D	FS 4491	446400	5410800	AGD66	55	-1	-1	17679	-1	-1	62	0.07	401	0.06	8.25	4.8	28	9	1.68	807	3.98	1054	361	0.2	73	12	222	11.4	239	0.08	3	4	-1	242	0.11	52	-1	19	
D	FS 4492	446300	5410800	AGD66	55	-1	-1	17460	-1	-1	68	0.06	454	0.06	8.65	3.4	18	9	1.58	927	4.05	934	457	0.3	76	9	191	12.6	230	0.1	2	4	-1	374	0.09	50	-1	19	
D	FS 4493	446400	5410600	AGD66	55	-1	-1	20479	1	-1	83	0.22	712	0.1	26.49	8.9	75	26	2.82	851	11.59	1647	1272	0.4	80	40	402	16.7	297	0.13	6	6.5	-1	168	0.15	74	-1	34	
D	FS 4494	446500	5410600	AGD66	55	-1	-1	21466	3	-1	86	0.24	1292	0.08	13.65	28.3	124	27	3.28	839	5.68	3721	1680	0.5	81	84	314	21	246	0.17	5	7.2	-1	301	0.22	78	-1	39	
D	FS 4495	446600	5410600	AGD66	55	-1	-1	24667	3	-1	188	0.58	1660	0.13	39.71	15.2	45	49	3.93	1035	11.35	1819	3654	0.6	80	33	492	33.5	337	0.22	6	12.9	-1	183	0.31	95	-1	48	
D	FS 4496	446700	5410600	AGD66	55	-1	0.06	39410	5	-1	66	0.77	633	-1	22.24	15.7	49	114	6.4	1424	4.77	2673	1600	1	89	27	360	40.7	216	0.24	11	6.3	-1	440	0.5	128	-1	70	
D	FS 4497	446800	5410600	AGD66	55	1	0.1	43865	7	-1	68	1	356	0.09	21.31	6.9	52	57	5.94	955	8.21	1674	3057	1.5	77	21	631	19.9	357	0.27	10	6.2	-1	329	0.27	148	-1	59	
D	FS 4498	446900	5410600	AGD66	55	-1	0.09	40794	8	-1	65	1.09	1436	0.07	36	6.7	53	57	6.64	1039	7.31	1710	1182	2.1	72	18	584	18.8	312	0.49	13	8.5	-1	307	0.27	173	-1	58	
D	FS 4499	446200	5410600	AGD66	55	-1	-1	24767	3	-1	88	0.15	1031	0.15	27.38	17.2	109	20	3.1	1090	12.06	2775	1324	0.8	74	60	771	16.4	407	0.15	5	7.9	-1	134	0.22	71	-1	58	
D	FS 4500	446300	5410600	AGD66	55	3	-1	32715	1	-1	126	0.21	713	0.05	19.91	11	48	40	3.28	1458	7.88	1994	1928	0.6	109	36	349	12.8	235	0.17	6	7.4	-1	521	0.21	76	-1	38	
D	FS 4501	446500	5410400	AGD66	55	1	-1	18465	2	-1	72	0.74	610	0.06	10.93	16.1	161	37	2.69	709	5.18	5834	877	0.5	140	90	229	19.4	218	0.13	5	5.2	-1	381	0.22	62	-1	44	
D	FS 4502	446700	5410400	AGD66	55	-1	0.06	15002	-1	-1	75	0.37	981	-1	11.41	10.4	137	29	1.98	1095	6.15	6179	297	0.3	224	84	106	7.9	103	0.14	5	5.3	-1	606	0.14	53	-1	31	
D	FS 4503	446800	5410400	AGD66	55	-1	0.07	29432	3	-1	106	0.59	1237	0.12	33.42	17.2	145	36	4.81	1447	12.15	5992	538	0.8	101	111	435	21.0	270	0.12	8	14.8	-1	314	0.23	118	-1	52	
D	FS 4504	446800	5410200	AGD66	55	2	0.07	34739	4	-1	105	0.55	588	0.05	56.62	5.8	75	35	6.72	904	12.78	1794	363	0.6	94	17	339	20.2	219	0.17	19	12.6	-1	447	0.2	213	-1	33	
D	FS 4505	446700	5410200	AGD66	55	-1	0.06	25406	5	-1	149	0.29	527	0.05	62.87	59.4	272	36	3.87	740	24.61	11136	2066	1	114	265	368	16.2	220	0.1	10	14.3	-1	288	0.26	94	-1	51	
D	FS 4506	446600	5410200	AGD66	55	-1	0.05	17797	4	-1	102	0.37	1646	0.09	33.21	36	207	22	2.94	586	14.04	7443	958	1.4	123	174	317	17.2	259	0.07	6	14.7	-1	199	0.15	83	-1	34	
D	FS 4507	446500	5410200	AGD66	55	-1	-1	19143	2	-1	87	0.1	2532	0.13	13.02	31	293	36	2.9	509	5.14	20096	940	0.6	269	233	408	8.1	354	0.09	4	10.7	-1	494	0.11	60	-1	56	
D	FS 4508	446400	5410200	AGD66	55	-1	-1	15504	2	-1	51	0.25	960	0.06	9.45	12.7	156	23	2.53	638	4.7	5985	312</																