GREATLAND

Final Report

for EL34/2007 Quamby Brook

for the Period 21 September 2007 to 20 September 2015

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ABSTRACT

EL34/2007 Quamby Brook is located in central north Tasmania adjacent to the town of Deloraine, and formed the eastern parts of the Company's Firetower project. The tenement covers some 20 strike kilometres of rocks assigned to the Mt Read Volcanic sequence. The company's main focus was gold mineralisation however other styles of mineralisation are present within the licence area.

Work completed during the 8 year period to 20 September 2015 included a review of previous exploration data, drainage sampling, soil sampling, rock chip sampling, lithostructural interpretation, airborne magnetic and radiometric surveying and geological mapping. Results were considered subdued.

Compilation of previous exploration data highlighted gold and base metal prospectivity of the area, with little previous work focussing on gold.

Drainage sampling returned a maximum of 41.87ppb gold, however the sampling method was not optimum and variable and overall subdued results were returned.

At a total of 46 rock chip samples were collected from the tenement area. All samples were submitted for analysis of a broad multi element suite. Results included maximum of 0.02ppm Au, 7.26ppm Ag, 583ppm As, 4.17ppm Bi, 1470ppm Cu, 432ppm Pb, 1853ppm Sb, 0.74ppm Sn, 7.84ppm W and 4254ppm Zn.

A total of 95 soil samples were collected at 50m intervals along eight traverses, 200m apart. Bulk soils to 1kg were collected at a depth of around 20cm and were submitted for analysis of a broad multi element suite. Results included maximum of 5ppb Au, 29ppm As, 182ppm Cu, 690ppm Pb and 68ppm Zn.

Mapping of the area was completed with lithologies of Proterozoic schist and quartzite, and Cambrian sandstone and conglomerate recorded. Results of mapping and sampling point to a fault or shear highlighted by a generally weak copper anomaly over a strike length of 1km. It contains a best 100ppb Au in rock chip and a single 5ppb in soil. Work has identified a weakly mineralised system in Proterozoic schist.

Reconnaissance located a previously unrecorded adit in the south of the licence, with in-situ gossan at surface showing folded massive pyrite banding and traces of malachite. Rock chip samples returned elevated base metal results.

Lithostructural interpretation was carried out over the area covered by four ELs of the Firetower Project, including EL34/2007, in order to generate exploration targets. The work outlined several targets within the Firetower project but none within EL34/2007.

A helicopter borne magnetic and radiometric survey was completed over the Quamby Brook area in April – May 2013. A northwest – southeast trending magnetic high was highlighted which is semi-continuous through the central section of the tenement.

KEYWORDS

Geology/Mineralisation

Mt Reid Volcanics, Tyennan, Gog Range Greywacke, Beulah Andesite, drainage samples, soil samples, rock chip samples, adit, airborne magnetics and radiometrics

Minerals

Gold, copper, lead, zinc, silver, arsenic

Deposits/Occurrences

Kentish Hill

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
EL342007_201510_01_report.pdf	pdf	report
EL342007_201510_02_geochem.txt	data	geochem
EL342007_201510_03_geochem.txt	data	geochem
EL342007_201510_04_geochem.txt	data	geochem
EL342007_201510_05_geochem.txt	data	geochem
EL342007_201510_06_geochem.txt	data	geochem
EL342007_201510_07_geochem.txt	data	geochem
EL342007_201510_08_geochem.txt	data	geochem

SUMMARY OF ACTIVITIES FOR THE EL34/2007 QUAMBY BROOK FOR THE PERIOD 21 SEPTEMBER 2007 to 20 SEPTEMBER 2015

- Data Review
- Drainage Sampling
- Soil Sampling
- Rock Chip Sampling
- Lithostructural interpretation
- Airborne magnetic and radiometric surveying
- Geological Mapping

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1.0 Introduction

This report details the exploration activities completed within EL34/2007 during the period 21 September 2007 to 20 September 2015. The lease is located in central north Tasmania adjacent to the town of Deloraine, and formed the eastern parts of the Company's Firetower project.

The tenement covers some 20 strike kilometres of rocks assigned to the Mt Read Volcanic sequence. The company's main focus was gold mineralisation however other styles of mineralisation are present within the licence area.

Work completed during the period included a review of previous exploration data, drainage sampling, soil sampling, rock chip sampling, lithostructural interpretation, airborne magnetic and radiometric surveying and geological mapping.

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.

2.0 Tenement Details

EL34/2007 Quamby Brook was applied for by Greatland Pty Ltd during May 2007 and was granted during September 2007 for a period of five years. The tenement initially covered an area of 97 square kilometres. Extensions of the term of the EL were granted annually up to 20 September 2015. A partial relinquishment of the tenement was applied for and granted in November 2014 with the retained area covering 49 square kilometres. Tenement details are shown in Table 1.

Greatland Pty Ltd entered into a farm-in agreement with Unity Mining Ltd (UML) on 12 October 2011 to explore on four granted ELs in the Firetower project area, including EL 34/2007 Quamby Brook. Under the terms of the agreement, UML as manager and operator, were to earn a 51% interest by spending $2 million within the initial two and a half years. This spend was not reached and the farm-in agreement came to an end in Q2 2015.

Table 1 – Tenement Details

Tenement	Holder	Date Applied	Date Granted	Size	Date of partial relinquishment	Retained Size
EL34/2007 Quamby Brook	Greatland Pty Ltd 100%	11 May 2007	21 Sep 2007	97km^2	3 November 2014	49 km^2

3.0 Location and Access

EL34/2007 Quamby Brook is located 50km west of Launceston in central north Tasmania in the municipality of Meander Valley (Figure 1). It lies immediately south of the town of Deloraine and formed the eastern parts of the Company's Firetower project (Figure 2). The bulk of land within the tenement is private farming land with smaller portions of state forest.

The project lies within the Tasmania NE (SK55-21) 1:250,000 map sheet, and within the Meander (8214) 1:100,000 map sheet.

From Launceston, access to the project area is by sealed road to Deloraine then south via the sealed Quamby Brook Road into the licence. Local roads and logging tracks provide good access throughout the project area.

4.0 Geology and Mineralisation

The licence area covers some 20 strike kilometres of rocks assigned to the Cambrian Mt Read Volcanics (Figure 1). The Mt Read Volcanics host world class base metal and gold deposits, particularly in the western parts of Tasmania. Minor outcrop of basement rocks of the Neo-Proterozoic Tyennan occur in the south eastern portion of the licence.

Neo-Proterozoic schists, dominated by quartzite and quartz mica schist, are the oldest rocks in the licence area. They form part of the Tyennan region comprising a complex thrust stack of poly-deformed Neo-Proterozoic metamorphic rocks, occurring as high grade rocks allocthonously thrust within lower grade units (Woodward et.al., 1993).

The Cambrian sequence consists of interbedded micaceous greywacke, siltstone, shale, siliceous conglomerate and volcaniclastic sedimentary rocks with minor felsic–intermediate lava/intrusive units (Wells 1957, Barton et al. 1969, Pike 1973, Herrmann 1991 and Woodward et al. 1993). The bulk of the Cambrian sequence represents the along-strike continuation of similar units that outcrop in the Gog–Sheffield area and is correlated with the Gog Range Greywacke of the Western Volcano-Sedimentary Sequence. Andesitic lavas/intrusive rocks occur within the Gog Range Greywacke at Kentish Hill. These are lithogeochemical equivalents of the Beulah andesite (Herrmann, 1991). Outcrop of Mt Read Volcanic rocks within the tenement is often relatively poor.

There is significant deep seated faulting at the Proterozoic/Cambrian contact. These faults may have focussed gold bearing fluids.

Investigation of historical mines and mineral occurrences found only one at Kentish Hill. Here copper was discovered in 1921. Minor underground exploration with a 13.7m deep shaft and 9m long adit was completed but no production recorded (McIntosh-Reid, 1923).

5.0 Previous Exploration

Historical records show copper mineralisation was discovered at the Kentish Hill prospect (Figure 2), in the south east of the licence, in 1921. Underground exploration was completed but no production recorded (McIntosh-Reid, 1923).

With regard to alluvial gold production, there is no record for the area. However, there is one anecdotal report of alluvial mining having occurred in the Quamby Brook, downstream (north) from the town of Golden Valley (Cogar and Wildy, 1971), in the south of the licence area.

In 1971 the TW Davies Syndicate completed six vertical diamond holes at the Kentish Hill copper prospect, followed by a brief 3 line EM survey (Cogar and Wildy, 1971). Drill samples were sporadically selected for analysis. Results included 46.5m @ 0.14% Cu in BH4 from 11.7m. Field reconnaissance was completed over 4km of strike to the northwest from the Kentish Hill prospect. Four areas of D1 (aka Kentish Hill), D2, D3 and D4 were outlined for further work. Trenching at D3 returned 0.15% tin, while trenching at D4 returned approximately 3.9g/t gold. No follow up work is reported.

Regional drainage sampling was undertaken by Asarco in 1973; however no analyses for gold was undertaken (Anon, 1974). No further work was completed.

Union Oil carried out reconnaissance soil sampling at the Kentish Hill prospect in 1975 (McGregor-Dawson, 1975). Results include 800ppm copper, 380ppm Zn and 900ppm Ni. No other work was reported.

Drainage sampling was carried out by Comalco in 1978; again no analysis for gold was undertaken (Weste, 1978). Results identified a number of copper anomalies including Anomaly 10 (aka Beefeater Hill), Anomaly 11, Anomaly 13 and Anomaly 16. Little follow up to these anomalies was completed (Weste, 1979). At the Kentish Hill copper prospect mapping, ground magnetics, gradient array IP, soil sampling and rock chip sampling was

undertaken. Soils returned 800ppm copper and 900ppm nickel. Rock chip sampling returned up to 0.35 g/t gold.

During 1998 Cyprus completed a literature review followed by brief reconnaissance at the Kentish Hill and Anomaly 10 (aka Beefeater Hill) prospects (Poltock, 1988). It was concluded that the project area was prospective for replacement and volcanogenic gold mineralisation, however no further work was completed.

In 1991 Outukumpu completed whole rock geochemistry on limited rock chip samples and petrology mainly collected at the Kentish Hill prospect (Herrmann, 1991). This concluded that andesitic rocks at the Kentish Hill prospect correlate with the Que-Hellyer footwall. No further work was completed in the project area.

6.0 Work Carried Out During the Period

Work completed during the reporting period included a review of previous exploration data, drainage sampling, soil sampling, rock chip sampling, lithostructural interpretation, airborne magnetic and radiometric surveying and geological mapping.

Review of Previous Exploration Data

A review of previous exploration data was completed during the period. Details are presented in Section 5.0 above.

Drainage Sampling

A total of 33 drainage samples were initially collected from within EL34/2007 Quamby Brook in 2008. Sample sites are shown in Figure 3. Bulk samples to 5kg were collected in the field, then air dried and screened. A 2kg minus 2mm fraction was collected, then from this minus 2mm fraction a 100g minus 180micron (-80 mesh) fraction was taken.

All minus 2mm samples (89001-89033) were submitted to Genalysis Laboratory Services (Genalysis) in Perth and analysed by cyanide leach with a mass spectrometry finish (lab code CN2/MS) for Au, Ag, As, Cu, Ni, Pd and Pt to detection limits of 0.01ppb, 0.1ppb, 0.02ppm, 0.01ppm, 0.01ppm, 0.1ppb and 0.1ppb respectively. All sample details are presented in Appendix I. Highest results were 41.87ppb Au, 64.9ppb Ag, 0.23ppm As, 19.84ppm Cu, 9.31ppm Ni, 1.6ppb Pd and 0.5ppb Pt.

Of the 33 minus 180micron (-80 mesh) samples, only four were sent for analysis (89003, 89004, 89007 and 89033). These were submitted to Genalysis in Perth. They were analysed for gold by aqua regia digest with an enhanced atomic absorption spectrometry finish (lab code B/EETA) to a detection limit of 0.1ppb. They were also analysed for Ag, As, Bi, Pb, Sb, Sn and W by aqua regia digest with a mass spectrometry finish (lab code B/MS)

to detection limits of 0.05ppm, 1ppm, 0.01ppm, 1ppm, 0.02ppm, 0.05ppm and 0.05ppm respectively. All sample details are presented in Appendix I. Highest results were 1.9ppb Au, 0.08ppm Ag, 6ppm As, 0.20ppm Bi, 27ppm Pb, 0.15ppm Sb, 1.2ppm Sn and <0.05ppm W.

A further five minus 180micron (-80 mesh) drainage samples were collected from adjacent to the 41.87ppb Au sample site (89163-89167). These were submitted to Genalysis in Perth. They were analysed for gold by aqua regia digest with an enhanced atomic absorption spectrometry finish (lab code B/EETA) to a detection limit of 0.1ppb. They were also analysed for Ag, As, Bi, Pb, Sb, Sn and W by aqua regia digest with a mass spectrometry finish (lab code B/MS) to detection limits of 0.05ppm, 1ppm, 0.01ppm, 1ppm, 0.02ppm, 0.05ppm and 0.05ppm respectively. All sample details are presented in Appendix I. Highest results were 2.1ppb Au, 0.11ppm Ag, 3ppm As, 0.18ppm Bi, 20ppm Pb, 0.30ppm Sb, 0.95ppm Sn and <0.05ppm W.

Overall the sampling method was not optimum and variable results were returned. . All BLEG and multi element results are presented in Appendix I.

In 2010 a second programme of drainage sampling was carried out. A total of seven stream sediment sample sites were selected. At each site samples were collected for bulk leach gold (BLEG) analyses, and for multi-element analyses. A separate panned concentrate was also collected.

Sample sites were chosen to avoid drainages where poor active alluvium was present and avoid poor quality areas where farming has altered drainages. The active stream sediment was collected at three to four spots within each location. Large samples were dried off-site and from these a minus 2mm and a minus 180 micron (-80mesh) fraction were prepared. At the same locations as the bulk leach sample sites a separate 10kg panned concentrate sample was panned down on site to about 250g, then taken for more careful panning and inspection off site.

All minus 2mm samples exceeding 2kg (GV001-GV007) were submitted to Genalysis in Perth and analysed by cyanide leach (BLEG) with an ICP mass spectrometry finish (lab code CN2/MS) for Au, Ag, Pd and Pt to detection limits of 0.01ppb, 0.1ppb, 0.1ppb and 0.1ppb respectively. Highest BLEG results were 0.44ppb Au, 21.6ppb Ag, 0.3ppb Pd and <0.1ppb Pt.

The minus 180 micron (-80 mesh) samples were also sent to Genalysis in Perth and analysed for gold by aqua regia digest with an atomic absorption spectrometry finish (lab code B/ETA) to a detection limit of 1ppb. They were also analysed for Ag, As, Bi, Cu, Mn, Ni, Pb, Sb and Zn by aqua regia digest with AAS determination (lab code B/AAS) to detection limits of 0.1ppm, 10ppm, 2ppm, 1ppm, 1ppm, 1ppm, 1ppm, 2ppm and 1ppm respectively. Highest multi element results were 5ppb Au, 0.2ppm Ag, <10ppm As, <2ppm Bi, 16ppm Cu, 645ppm Mn, 23ppm Ni, 9ppm Pb, <2ppm Sb, and 80ppm Zn.

No results from the BLEG or multi element samples were assessed as anomalous. No gold was found (visually) in any of the panned concentrates.

All sample sites are shown in Figure 3. All BLEG and multi element results are presented in Appendix I.

Rock Chip Sampling

A total of 46 rock chip samples were collected from the D3-D4 area and sample sites are shown in Figure 3. All samples were submitted to Genalysis in Perth. They were analysed for gold by aqua regia digest with a solvent extraction and atomic absorption spectrometry finish (lab code B/SAAS) to a detection limit of 0.01ppm. They were also analysed for Ag, As, Bi, Cu, Pb, Sb, Sn, W and Zn by aqua regia digest with a mass spectrometry or atomic absorption spectrometry finish (lab code B/MS and B/AAS) to detection limits of 0.05pm, 1ppm, 0.01ppm, 1ppm, 1ppm, 0.02ppm, 0.05ppm, 0.05ppm and 1ppm respectively. Highest results were 0.02ppm Au, 7.26ppm Ag, 583ppm As, 4.17ppm Bi, 1470ppm Cu, 1853ppm Pb, 25.03ppm Sb, 0.74ppm Sn, 7.84ppm W and 4254ppm Zn.

All results and analytical details can be found in Appendix II.

Soil Sampling

A total of 95 soil samples were collected at 50m intervals along eight traverses. Traverses were 200m apart. Bulk soils to 1kg were collected in the field from a depth of around 20cm. Soils were not sieved prior to analysis.

All samples were submitted to Genalysis in Perth. All samples were analysed for a broad multi element suite. Results included maximum of 5ppb Au, 29ppm As, 182ppm Cu, 690ppm Pb and 68ppm Zn.

All results and analytical details can be found in Appendix III and sample sites are shown in Figure 3.

Geological mapping

Geological mapping was completed during the period. Regional reconnaissance was completed throughout the tenement confirming previous mapping by Comalco (Weste, 1979) and Outokumpu (Herrmann, 1991). Project geology is presented in Figure 2.

The Proterozoic-Cambrian contact zone was mapped over a strike of 2 kilometres at 1:2,500 scale (Figure 4). Lithologies mapped include Proterozoic schist and quartzite, and Cambrian sandstone and conglomerate. While traversing, a previously unrecorded 50m long adit with an 11m winze and 14m long drive was located between the D3 and D4 areas. This was informally named the D3 Adit.

The D3 Adit cross cuts the Proterozoic-Cambrian contact and was mapped at 1:125 scale (Figure 5). The contact is a sub-vertical ductile fault zone sub-parallel to the steep south regional foliation of Proterozoic graphitic muscovite schist. A second oblique shear foliation develops within metres of the fault

contact. Early foliations have opposing dip directions across the contact. The schist is limonitic and vughy across 11m of the adit length from the contact and within the cross cut. At surface, some 170m west of the D3 adit entrance, in-situ gossan contains relicts of folded massive pyrite banding as well as traces of malachite.

Channel and grab rock chip sampling of the D3 Adit and surrounding outcrops was completed. Rock chip samples are reported above.

Results of mapping and sampling point to a fault or shear highlighted by a generally weak copper anomaly over a strike length of 1km. This shear encompasses the adit and trenches. It contains a best 100ppb Au in rock chip and a single 5ppb in soil. Work has identified a weakly mineralised system in Proterozoic schist.

Lithostructural Interpretation

Lithostructural interpretation was carried out of the area covered by the four ELs of the Firetower Project in order to generate exploration targets.

The work outlined several targets within the Firetower project area but none within EL34/2007 (see figure 5 of EL34/2007 Annual report 2012). The work highlighted the lack of good resolution aeromagnetic coverage of EL34-2007 at that time.

Airborne magnetic and radiometric surveying

Following negotiations between UML and Mineral Resources Tasmania, DIER, a helicopter borne magnetic and radiometric survey was completed over the Quamby Brook area in April – May 2013.

High resolution airborne magnetic and radiometric data were acquired in Mineral Resources Tasmania, DIER's Mole Creek survey flown from 29 April – 3 May 2013. The survey was undertaken by Aerosystems Australia Pty Ltd

using a Robinson R44 helicopter operated at nominal ground clearance of 80 m. Flight line spacing was 200m. The survey coverage included all but the northwestern portion of EL 34/2007 Quamby Brook. Full specifications and additional information on the airborne survey are presented in the processing report by Baigent Geosciences (2013).

A northwest – southeast trending magnetic high is semi-continuous through the central section of the tenement. This magnetic trend lies to the north of a similarly oriented, but stronger and continuous response which coincides with the mapped extent of the Roland Conglomerate from Needles Ridge and Long Ridge through to Native Hop Hill. The Quamby Brook/Kentish Hill copper prospect and the D3 – D4 trench sites are located along this stronger magnetic trend.

Cyprus Gold's Anomaly 10 is located on the northern magnetic trend. Scattered ironstone float samples collected over low hilly terrain to the south of Beefeater Hill assayed up to 3000 ppm copper, with associated anomalous silver and cobalt.

7.0 Conclusions

EL34/2007 Quamby Brook is located in central north Tasmania adjacent to the town of Deloraine, and formed the eastern parts of the Company's Firetower project.

The tenement covers some 20 strike kilometres of rocks assigned to the Mt Read Volcanic sequence. The company's main focus was gold mineralisation however other styles of mineralisation are present within the licence area.

Work completed during the 8 year period to 20 September 2015 included a review of previous exploration data, drainage sampling, soil sampling, rock chip sampling, lithostructural interpretation, airborne magnetic and radiometric surveying and geological mapping. Results were considered subdued.

Drainage sampling returned maximum of 41.87ppb gold, however the sampling method was not optimum and variable and subdued results were returned. Subdued results were also returned in rock chip and soil sampling programmes.

Lithostructural interpretation covering the four ELs of the Firetower Project outlined several targets within the licences but none within EL34/2007.

A helicopter borne magnetic and radiometric survey outlined a northwest – southeast trending magnetic high which is semi-continuous through the central section of the tenement.

Mapping of the area showed lithologies of Proterozoic schist and quartzite, and Cambrian sandstone and conglomerate. Results of mapping and sampling pointed to a fault or shear highlighted by a generally weak copper anomaly over a strike length of 1km with a best 100ppb Au in rock chip and a single 5ppb in soil. Work has identified a weakly mineralised system in Proterozoic schist which does not warrant following up at this time.

Overall, prospectivity of the Cambrian volcanic and volcaniclastic stratigraphy in the EL 34/2007 Quamby Brook area appears to be low. This is particularly so for gold mineralization. An assay of 3.9 g/t gold reported for a sample from trenching at the D4 locality, to the northwest of Quamby Brook/Kentish Hill copper prospect, has never been replicated in more recent exploration activities and is regarded as highly unreliable.

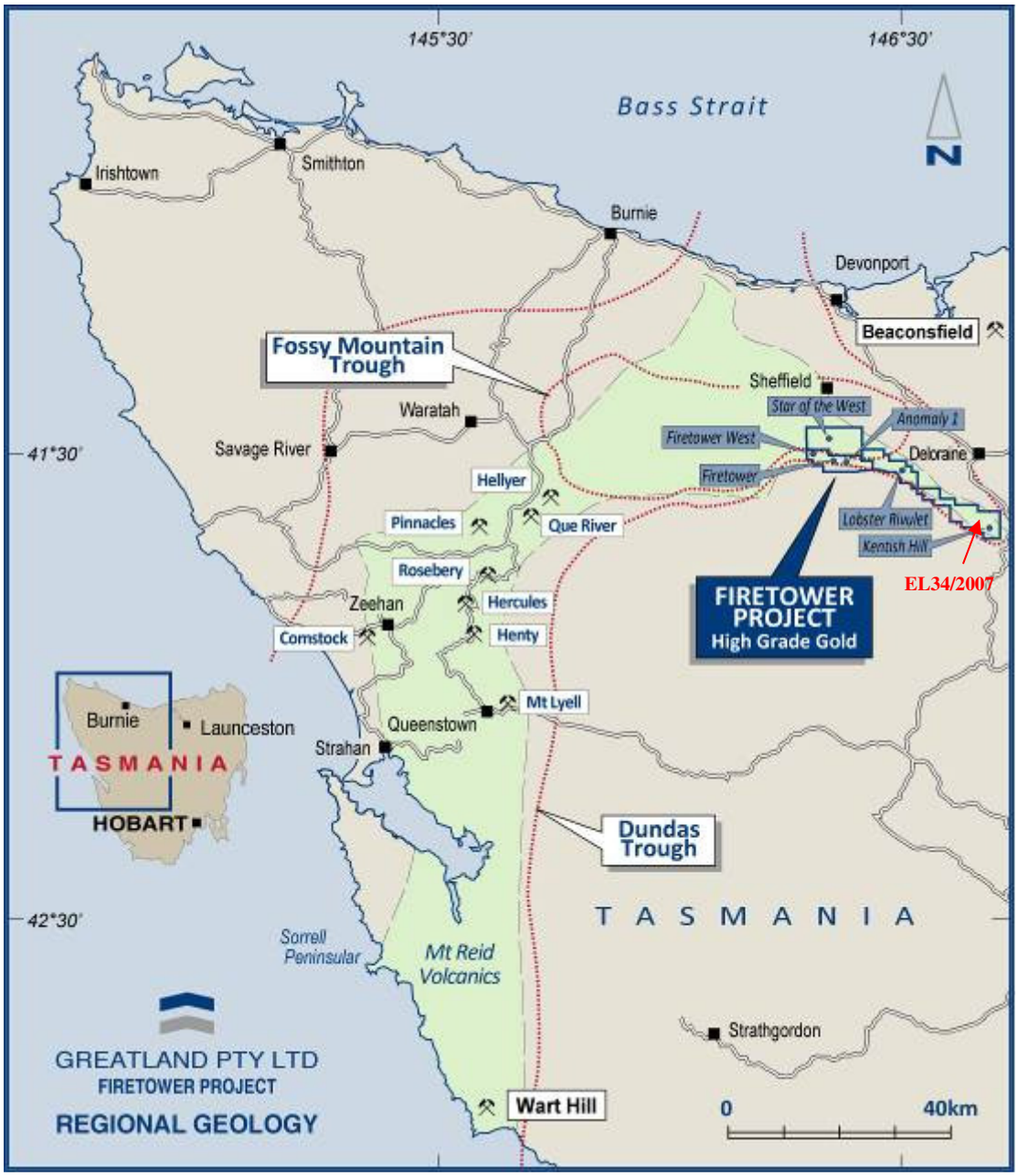

Figure 1: Project location and regional geology map

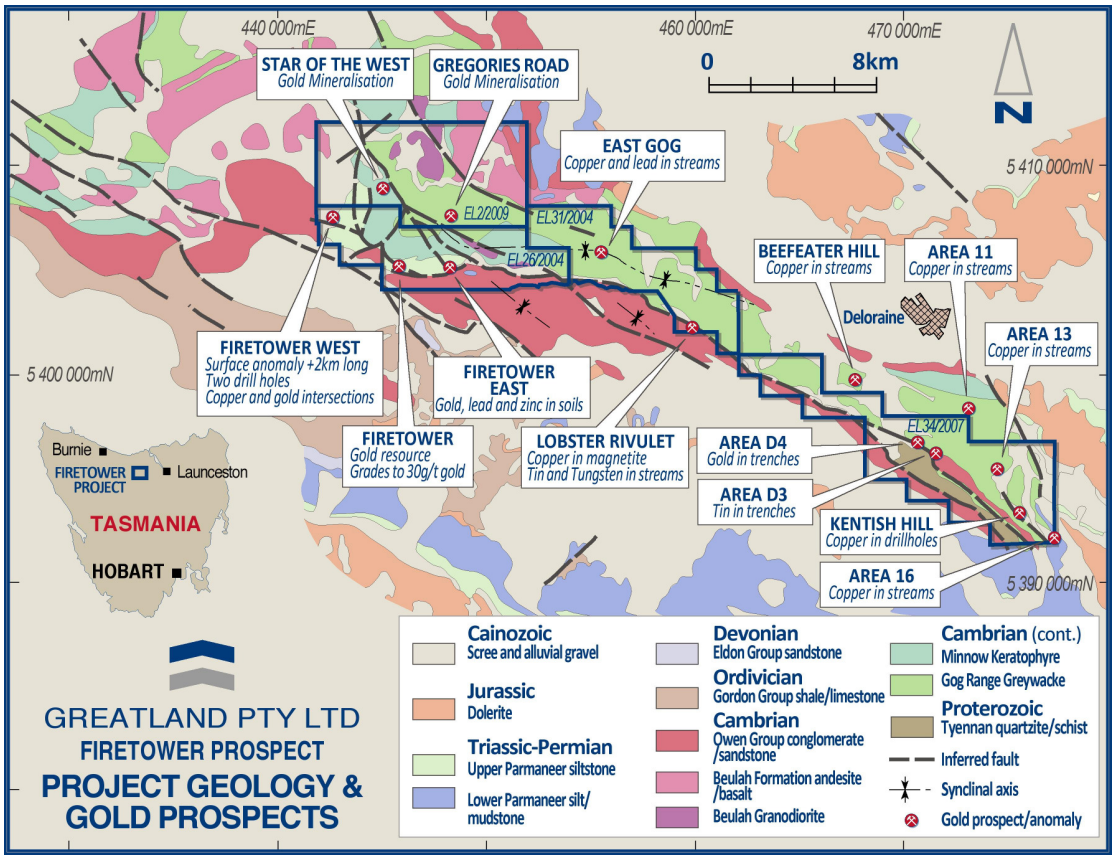

Figure 2: Project geology

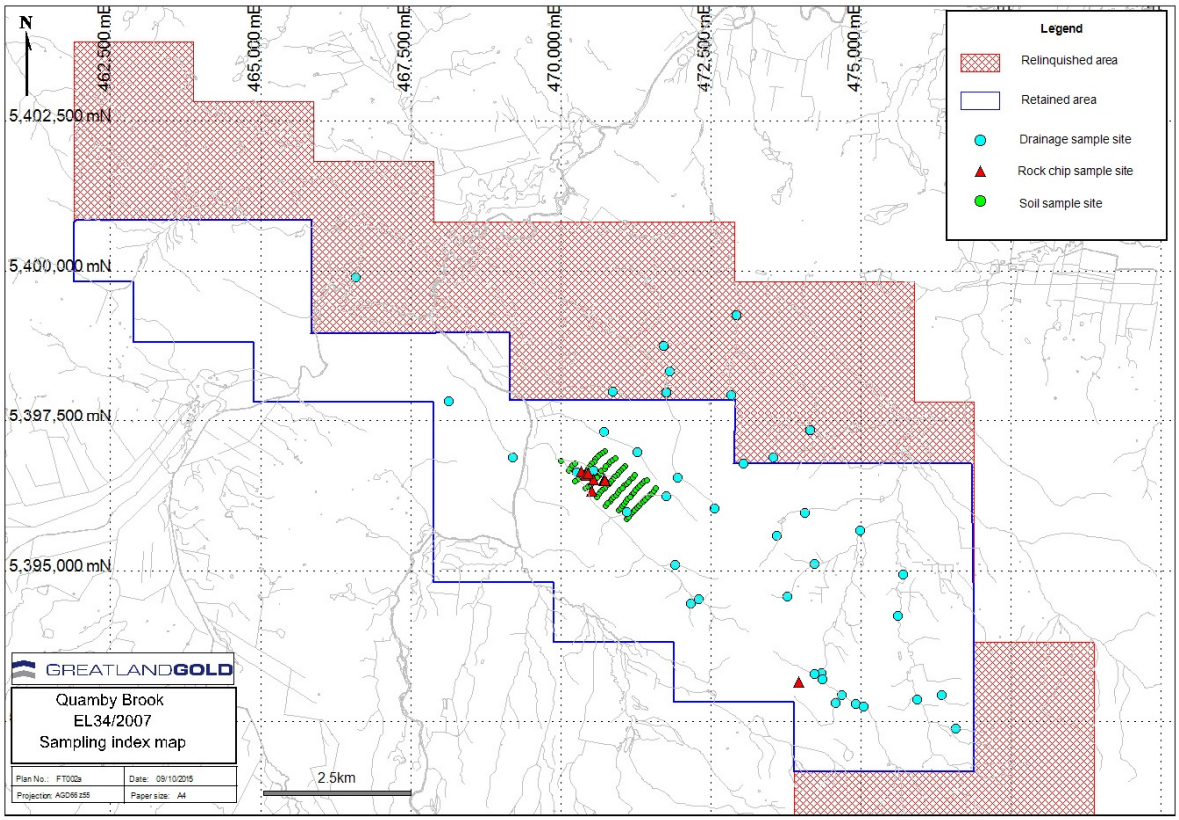

Figure 3: Sampling location map

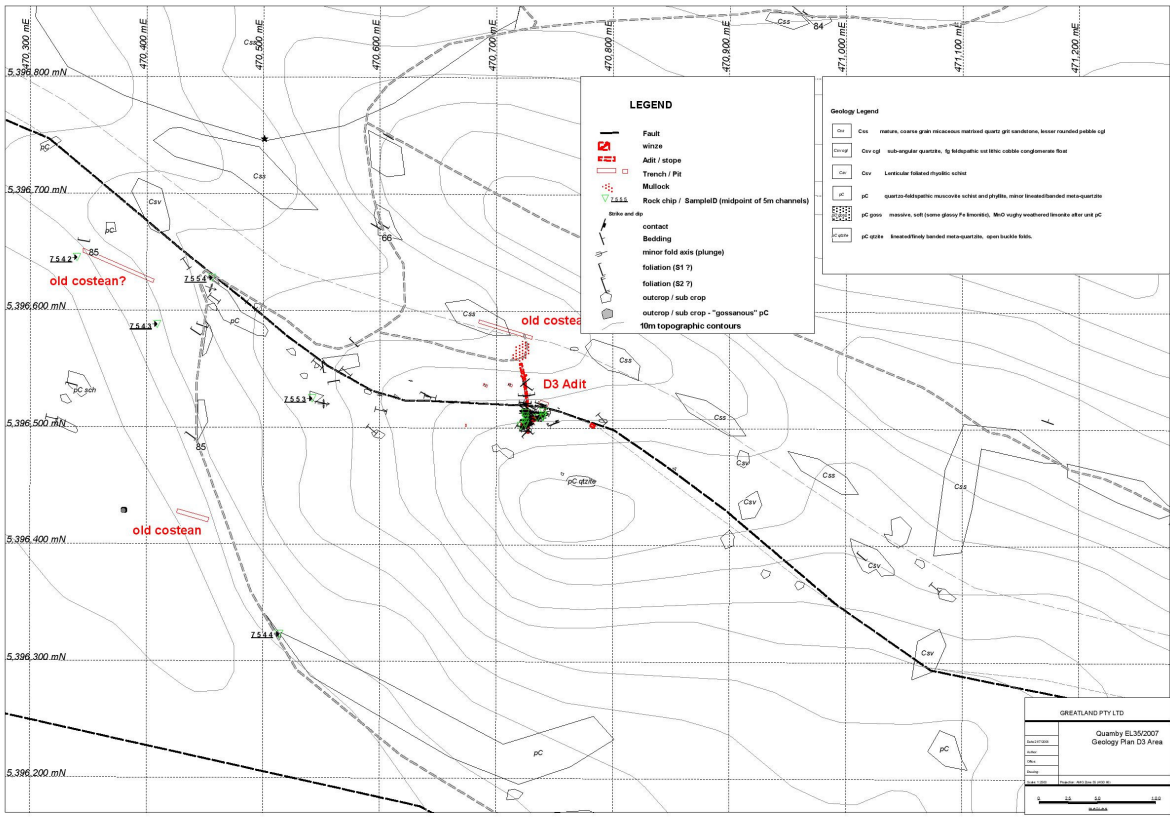

Figure 4: Geology plan D3 area

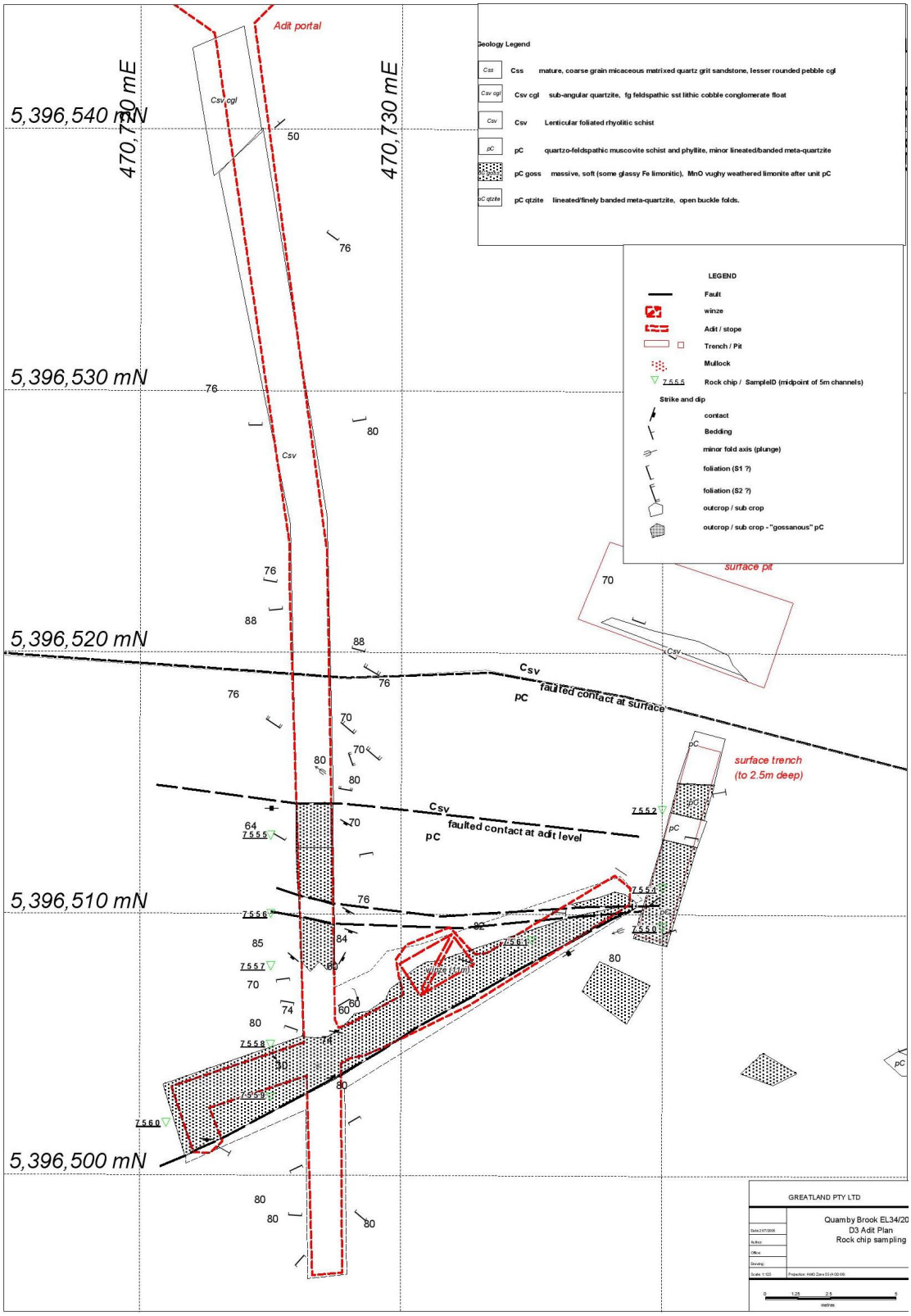

Figure 5: Geology D3 adit plan

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APPENDIX I

Drainage Samples

H0100	Tenement No	EL34/2007
H0101	Tenement Holder	Greatland Pty Ltd
H0102	Tenement Operator	Greatland Pty Ltd
H0103	Project Name	Quamby Brook
H0104	250K Map Sheet	SK55-21
H0105	100K Map Sheet	8214
H0200	Start Date of Data Acquisition	Nov-07
H0201	End Date of Data Acquisition	Aug-08
H0202	Data Format	SG2
H0203	Number of Data Records	33
H0204	Date of Metadata Update	Oct-08
H0500	Feature Located	Sample Point
H0501	Geodetic Datum	AGD66
H0502	Vertical Datum	N/A
H0503	Projection	AMG
H0504	Projection Zone	55
H0505	Surveying Instrument	Handheld GPS
H0506	Surveying Company	Greatland Pty Ltd
H0600	Sample Code	Drainage
H0601	Sample Type	Drainage
H0602	Sample Description	-2mm
H0700	Sample Prep Code	SSMG
H0701	Sample Prep Details	75micron
H0702	Job No	1170_0_0803212
H0800	Assay Code	CN2/MS
H0801	Assay Company	Genalysis Laboratories
H0802	Assay Description	Cyanide Leach
H0900	Remarks	below detection = -1

H1000	Sample ID	AMG East	AMG North	Datum	Zone	Description	Au		Ag		As		Cu		Ni		Pd		Pt	
H1001		metres	metres				ppb		ppb		ppb		ppm		ppm		ppb		ppb	
H1002							CN		CN		CN		CN		CN		CN		CN	
H1003		1	1				0.01		0.1		0.02		0.01		0.01		0.1		0.1	
D	89001	466590	5399890	AGD66	55	black, sticky organic bog clays	0.49		64.9		0.1		6.8		2.98		0.3		0.1	
D	89002	473545	5396880	AGD66	55	scree filled, loamy soil matri-1ed well defined gully	0.49		43.8		0.07		14.38		6.61		0.4		-1	
D	89003	471105	5395980	AGD66	55	loamy dry gully	0.78		58.2		0.1		11.09		6.35		0.5		0.1	
D	89004	468130	5397840	AGD66	55	reddish loamy soil	0.34		9.6		0.03		0.02		0.12		-1		-1	
D	89005	470260	5396630	AGD66	55	overbank silts, minor colluvial sands- broad plain	0.56		10		0.07		2.06		0.56		0.5		-1	
D	89006	470540	5396670	AGD66	55	overbank silts, some organic black soil	0.17		26.7		0.14		1.74		0.61		-1		-1	
D	89007	471270	5396970	AGD66	55	rocky sand / sticky clay	1.22		42.4		0.05		19.84		6.62		1.6		0.3	
D	89008	470725	5397310	AGD66	55	lt brown loamy soil	0.46		16.7		0.04		4.59		1.05		0.4		-1	
D	89009	471760	5396245	AGD66	55	grey and brown silty loam	0.06		16.5		0.06		0.99		0.59		-1		-1	
D	89010	471900	5395100	AGD66	55	damp, loamy soil minor silty soil	0.13		12.8		0.08		1.49		1.95		-1		-1	
D	89011	471950	5396555	AGD66	55	brown silts	0.17		21.6		0.23		3.82		2.68		0.2		-1	
D	89012	473040	5396780	AGD66	55	brown silts	0.95		18.9		0.07		9.94		2.71		0.8		0.2	
D	89013	472560	5396040	AGD66	55	brown silts	0.15		15.5		0.12		4.09		1.03		-1		-1	
D	89014	473770	5394570	AGD66	55	loamy soil	0.19		23.5		0.08		4.69		2.06		0.2		-1	
D	89015	474220	5395120	AGD66	55	rocky alluvium	0.53		10		0.06		6.69		3.42		1.3		0.3	
D	89016	473600	5395590	AGD66	55	loamy silty soil	0.52		37.9		0.15		10.55		5.7		0.6		0.1	
D	89017	474070	5395960	AGD66	55	loamy silty soil	0.67		23.6		0.09		5.74		1.5		0.3		-1	
D	89018	472170	5394460	AGD66	55	loamy soil / silt	0.08		14.6		0.03		1.6		0.89		-1		-1	
D	89019	472300	5394530	AGD66	55	organic muds / silts	0.16		7.8		0.04		0.4		0.49		-1		-1	
D	89020	474344	5393300	AGD66	55	pebbly organi-1 soil	0.13		39.1		0.06		4.12		2.59		-1		-1	
D	89021	474570	5392810	AGD66	55	pebbly silty soil	0.05		14.2		0.04		0.47		0.13		-1		-1	
D	89022	474680	5392935	AGD66	55	gravelly fine sand	0.16		31.5		0.03		2.32		1.36		-1		-1	
D	89023	474915	5392800	AGD66	55	loamy soil	0.21		39.1		0.05		3.55		4.66		0.1		-1	
D	89024	476580	5392380	AGD66	55	loamy soil	0.68		46.9		0.07		13.18		7.94		0.9		0.3	
D	89025	476340	5392940	AGD66	55	loamy soil	0.15		17.9		0.04		0.93		0.41		-1		-1	
D	89026	469200	5396890	AGD66	55	loamy soil	0.28		20		0.05		4.47		0.95		0.2		-1	
D	89027	470870	5397990	AGD66	55	loamy soil	0.84		40.4		0.04		10.1		4.45		0.9		0.1	
D	89028	471750	5397980	AGD66	55	gravelly sands	0.38		18.2		0.04		7.11		4.84		0.4		0.1	
D	89029	471820	5398330	AGD66	55	micaceous silts	0.67		12.2		0.02		2.29		1.77		0.6		0.3	
D	89030	471710	5398750	AGD66	55	loamy silts	0.78		22		0.05		6.89		5.79		1		0.3	
D	89031	472930	5399270	AGD66	55	orange-brown loamy soil	0.53		14.4		0.06		5.31		2.88		0.4		-1	
D	89032	472840	5397930	AGD66	55	loamy silty soil	0.89		15.3		0.04		9.99		5.49		1		0.3	
D	89033	474150	5397343	AGD66	55	cobbly, gravelly soil	41.87		31.4		0.04		10.01		9.31		1.5		0.5	

EOF

H0100	Tenement No/Combined Report No	EL34/2007
H0101	Tenement Holder	Greatland Pty Ltd
H0102	Tenement Operator	Greatland Pty Ltd
H0103	Project Name	Firetower
H0104	250K Map Sheet	SK55-21
H0105	100K Map Sheet	8214
H0200	Start Date of Data Acquisition	Sep-09
H0201	End Date of Data Acquisition	Sep-10
H0202	Data Format	SG2
H0203	Number of Data Records	7
H0204	Date of Metadata Update	Sep-10
H0500	Feature Located	Sample Point
H0501	Geodetic Datum	AGD66
H0502	Vertical Datum	N/A
H0503	Projection	AMG
H0504	Projection Zone	55
H0505	Surveying Instrument	Scaled off 25K geol map
H0506	Surveying Company	Greatland Pty Ltd
H0600	Sample Code	Drainage
H0601	Sample Type	Drainage
H0602	Sample Description	#NAME?
H0700	Sample Prep Code	N/A
H0701	Sample Prep Details	N/A
H0702	Job No	1001198
H0800	Assay Code	CN2/MS
H0801	Assay Company	Genalysis Laboratories
H0802	Assay Description	2kg cyanide leach
H0900	Remarks	below detection -1 no data -999

H1000	Sample No	AMG East	AMG North	Datum	Zone	Au	Ag	Pd	Pt	
H1001		metres	metres			ppb	ppb	ppb	ppb	
H1002						CN2/MS	CN2/MS	CN2/MS	CN2/MS	
H1003		1	1			0.01	0.1	0.1	0.1	
D	GV001	474224	5393296	AGD66	55	0.32	9.6	-1	-1	
D	GV002	474351	5393208	AGD66	55	0.31	7.4	-1	-1	
D	GV003	474978	5395670	AGD66	55	0.35	7.1	0.3	-1	
D	GV004	475703	5394947	AGD66	55	0.35	9.2	0.1	-1	
D	GV005	475614	5394250	AGD66	55	0.26	21.6	0.2	-1	
D	GV006	475936	5392872	AGD66	55	0.44	11.5	-1	-1	
D	GV007	475045	5392744	AGD66	55	0.1	10.5	-1	-1	

EOF

H0100	Tenement No	EL34/2007
H0101	Tenement Holder	Greatland Pty Ltd
H0102	Tenement Operator	Greatland Pty Ltd
H0103	Project Name	Quamby Brook
H0104	250K Map Sheet	SK55-21
H0105	100K Map Sheet	8214
H0200	Start Date of Data Acquisition	Nov-07
H0201	End Date of Data Acquisition	Aug-08
H0202	Data Format	SG2
H0203	Number of Data Records	9
H0204	Date of Metadata Update	Oct-08
H0500	Feature Located	Sample Point
H0501	Geodetic Datum	AGD66
H0502	Vertical Datum	N/A
H0503	Projection	AMG
H0504	Projection Zone	55
H0505	Surveying Instrument	Handheld GPS
H0506	Surveying Company	Greatland Pty Ltd
H0600	Sample Code	Drainage
H0601	Sample Type	Drainage
H0602	Sample Description	-180 micron
H0700	Sample Prep Code	SSMG
H0701	Sample Prep Details	75micron
H0702	Job No	1170_0_0807798
H0800	Assay Code	B/EETA Au, E
H0801	Assay Company	Genalysis Laboratories
H0802	Assay Description	Aqua Regia Digest, AAS Au, MS other elements
H0900	Remarks	below detection = -1

H1000	Sample ID	AMG East	AMG North	Datum	Zone	Description	Au	Ag	As	Bi	Pb	Sb	Sn	W
H1001		metres	metres				ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
H1002							AAS	MS	MS	MS	MS	MS	MS	MS
H1003		1	1				0.1	0.05	1	0.01	1	0.02	0.05	0.05
D	89003	471105	5395980	AGD66	55	loamy dry gully	1.5	0.07	6	0.19	15	0.06	0.72	-1
D	89004	468130	5397840	AGD66	55	reddish loamy soil	1.1	-1	3	0.14	8	0.15	1.20	-1
D	89007	471270	5396970	AGD66	55	rocky sand / sticky clay	1.9	0.08	5	0.20	27	0.13	0.88	-1
D	89033	474150	5397343	AGD66	55	cobbly, gravelly soil	1.2	-1	3	0.10	13	0.15	0.56	-1
D	89163	473598	5397231	AGD66	55	lt brown clayey soil	1.6	-1	3	0.13	10	0.17	0.68	-1
D	89164	473529	5397381	AGD66	55	lt brown clayey soil	0.4	-1	3	0.12	10	0.30	0.72	-1
D	89165	473597	5397520	AGD66	55	lt brown clayey soil	1.3	0.11	2	0.12	14	0.26	0.91	-1
D	89166	473443	5397480	AGD66	55	lt brown clayey soil	0.6	0.07	2	0.12	15	0.10	0.95	-1
D	89167	474119	5397414	AGD66	55	lt brown clayey soil	2.1	-1	3	0.18	20	0.04	0.52	-1

EOF

H0100	Tenement No/Combined Report	EL34/2007
H0101	Tenement Holder	Greatland Pty Ltd
H0102	Tenement Operator	Greatland Pty Ltd
H0103	Project Name	Firetower
H0104	250K Map Sheet	SK55-21
H0105	100K Map Sheet	8214
H0200	Start Date of Data Acquisition	Sep-09
H0201	End Date of Data Acquisition	Sep-10
H0202	Data Format	SG2
H0203	Number of Data Records	7
H0204	Date of Metadata Update	Sep-10
H0500	Feature Located	Sample Point
H0501	Geodetic Datum	AGD66
H0502	Vertical Datum	N/A
H0503	Projection	AMG
H0504	Projection Zone	55
H0505	Surveying Instrument	Scaled off 25K geol map
H0506	Surveying Company	Greatland Pty Ltd
H0600	Sample Code	Drainage
H0601	Sample Type	Drainage
H0602	Sample Description	180micron
H0700	Sample Prep Code	SSMG
H0701	Sample Prep Details	75micron
H0702	Job No	1001199
H0800	Assay Code	B/ETA B/AAS
H0801	Assay Company	Genalysis Laboratories
H0802	Assay Description	Aqua Regia AAS
H0900	Remarks	below detection -1 no data -999

H1000	Sample No	AMG East	AMG North	Datum	Zone	Au	Ag	As	Bi	Cu	Mn	Ni	Pb	Sb	Zn
H1001		metres	metres			ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
H1002						B/ETA	B/AAS	B/AAS	B/AAS	B/AAS	B/AAS	B/AAS	B/AAS	B/AAS	B/AAS
H1003		1	1			1	0.1	10	2	1	1	1	1	2	1
D	GV001	474224	5393296	AGD66	55	4	-1	-1	-1	6	485	13	8	-1	58
D	GV002	474351	5393208	AGD66	55	5	0.2	-1	-1	5	111	13	7	-1	19
D	GV003	474978	5395670	AGD66	55	-1	-1	-1	-1	16	345	22	7	-1	50
D	GV004	475703	5394947	AGD66	55	-1	-1	-1	-1	4	221	11	2	-1	35
D	GV005	475614	5394250	AGD66	55	1	-1	-1	-1	14	645	23	7	-1	80
D	GV006	475936	5392872	AGD66	55	-1	-1	-1	-1	8	219	17	6	-1	70
D	GV007	475045	5392744	AGD66	55	2	-1	-1	-1	7	406	10	9	-1	59

EOF

APPENDIX II

Rock Chip Samples

H0100	Tenement No	EL34/2007
H0101	Tenement Holder	Greatland Pty Ltd
H0102	Tenement Operator	Greatland Pty Ltd
H0103	Project Name	Quamby Brook
H0104	250K Map Sheet	SK55-21
H0105	100K Map Sheet	8214
H0200	Start Date of Data Acquisition	Nov-07
H0201	End Date of Data Acquisition	Aug-08
H0202	Data Format	SG2
H0203	Number of Data Records	17
H0204	Date of Metadata Update	Oct-08
H0500	Feature Located	Sample Point
H0501	Geodetic Datum	AGD66
H0502	Vertical Datum	N/A
H0503	Projection	AMG
H0504	Projection Zone	55
H0505	Surveying Instrument	Handheld GPS
H0506	Surveying Company	Greatland Pty Ltd
H0600	Sample Code	Rock Chip
H0601	Sample Type	Rock Chip
H0602	Sample Description	grab and channel
H0700	Sample Prep Code	SSMG
H0701	Sample Prep Details	75micron
H0702	Job No	1170_0_0716663
H0800	Assay Code	B/SAAS Au, E
H0801	Assay Company	Genalysis Laboratories
H0802	Assay Description	Aqua Regia Digest, AAS Au Cu Zn, MS other elements
H0900	Remarks	below detection = -1

H1000	Sample ID	SubType	Length	AMG East	AMG North	Datum	Zone	Description	Au	Ag	As	Bi	Cu	Pb	Sb	Sn	W	Zn
H1001				metres	metres				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
H1002									AAS	MS	MS	MS	AAS	MS	MS	MS	MS	AAS
H1003				0.5	0.5				0.01	0.05	1	0.01	1	1	0.02	0.05	0.05	1
D	7541	grab		470340	5396645	AGD66	55	float of patchy vughed (after carbonate?) secondary siliceous	0.02	0.42	314	4.17	1470	409	13.87	0.30	0.44	573
D	7542	grab		470340	5396645	AGD66	55	float of massive cherty limonite with lesser botroydal vughs	0.01	0.84	400	0.17	144	839	13.09	0.06	1.29	1019
D	7543	grab		470409	5396588	AGD66	55	float of red hematitic preCambrian rock with quartz studded by	0.02	0.19	269	2.83	66	137	25.03	0.24	-0.05	130
D	7544	grab		470514	5396323	AGD66	55	Secondary MnO and limonite boulder in quartzite float	-1	0.21	82	0.19	106	22	1.07	0.18	0.07	770
D	7550	channel	2.4	470740	5396510	AGD66	55	Brown, massive, HARD to soft, glassy Fe liomonitic to MnO	-1	1.50	78	0.18	109	584	3.08	0.58	0.45	2732
D	7551	channel	2	470740	5396511	AGD66	55	Brown, massive,mostly soft, some glassy Fe limonitic, most	0.02	0.80	70	0.32	103	1207	6.76	0.74	0.28	851
D	7552	channel	1.2	470740	5396514	AGD66	55	Brown, massive,mostly soft, some glassy Fe limonitic,some	0.01	0.62	59	0.24	55	218	5.77	0.49	0.14	642
D	7553	grab		470542	5396525	AGD66	55	just outcropping and float of frothy pC sub -gossan, with	0.02	7.26	105	2.40	619	685	4.21	0.33	0.12	987
D	7554	channel	0.3	470456	5396628	AGD66	55	ex. Carbonate sub-gossan in muscovite schist, grades to	0.01	0.82	126	0.22	248	80	6.63	0.30	0.22	1038
D	7555	channel	2.5	470725	5396513	AGD66	55	ex. Carbonate sub-gossan in muscovite schist	-1	1.05	20	0.32	56	881	1.49	0.34	0.34	214
D	7556	channel	2.5	470725	5396510	AGD66	55	ex. Carbonate sub-gossan in muscovite schist	0.02	0.76	46	0.39	46	345	1.85	0.39	0.31	136
D	7557	channel	2.5	470725	5396508	AGD66	55	ex. Carbonate sub-gossan in muscovite schist	0.01	1.08	50	0.21	92	159	4.87	0.31	1.40	358
D	7558	channel	2.5	470725	5396505	AGD66	55	ex. Carbonate sub-gossan in muscovite schist	0.01	0.90	35	0.43	92	101	3.22	0.43	0.32	102
D	7559	channel	2.5	470725	5396503	AGD66	55	ex. Carbonate sub-gossan in muscovite schist	-1	3.29	162	0.25	218	773	11.62	0.23	0.91	1829
D	7560	channel	3	470721	5396502	AGD66	55	ex. Carbonate sub-gossan in muscovite schist	-1	1.73	107	0.29	102	1853	5.83	0.30	0.34	959
D	7561	channel	1	470735	5396509	AGD66	55	ex. Carbonate sub-gossan in muscovite schist	-1	0.40	209	0.14	58	110	20.01	0.32	7.84	833
D	7570	grab		473964	5393165	AGD66	55	frothy brown limonite after carbonate in pC muscvite crenulated	-1	0.10	33	0.92	9	13	0.44	0.26	0.06	72

EOF

H0100 Tenement IEL34/2007
H0101 Tenement GreatLand Pty Ltd
H0102 Tenement GreatLand Pty Ltd
H0103 Project Nan Firetower
H0104 250K Map SKSS-21
H0105 100K Map 8214
H0200 Start Date 1 Sep-10
H0201 End Date 0 Sep-11
H0202 Data Form SG2
H0203 Number of 29
H0204 Date of Me Sep-11
H0500 Feature Lo Sample Point
H0501 Geodetic D AGD66
H0502 Vertical Da N/A
H0503 Projection AMG
H0504 Projection: 55
H0505 Surveying I Handheld GPS
H0506 Surveying I GreatLand Pty Ltd
H0600 Sample Co rockchip
H0601 Sample Ty rockchip
H0602 Sample De grab
H0700 Sample Pre SSMG
H0701 Sample Pre 75micron
H0702 Job No 1109311
H0800 Assay Code AR10/GF A
H0801 Assay Com Genalysis Laboratories
H0802 Assay Desc Aqua Regia AAS OES
H0900 Remarks below detection = X

H1000	Sample No	AMG East	AMG Nortl	Datum	Zone	Lithology	Au	Au-Rp1	Ag	Al	As	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Te	Ti	Tl	V	W	Zn
H1001		metres	metres				ppb	ppb	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
H1002							1	1	0.5	20	5	2	2	0.01	0.5	20	1	2	1	0.01	20	20	20	0.01	1	1	0.01	1	20	1	2	1	1	2	5	2	2	2	1
H1003		1	1				AR10/GF	AR10/GF	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE
D	140101	470597	5396757	AGD66		55 sandstone	X		X	2410	5	31 X		0.02 X	X	X		6	2	0.94	1092 X		0.02	57 X		0.03 X		39	12 X	X		2 X		6 X		6 X		1
D	140102	470743	5396556	AGD66		55 schist	X		X	7702	11	51 X		0.02 X		73	2	7	27	2.63	2256	34	0.11	271 X		0.04	7	235	432	3	3	4 X		34 X		11 X		51
D	140103	470514	5396581	AGD66		55 quartzite	X		X	2397 X		88 X		0.02 X	X	X		4	9	0.72	1040 X		0.02	81 X		0.03 X		93	120 X	X		4 X		17 X		3 X		5
D	140104	470447	5396626	AGD66		55 gossan		100	108	1.4	6787	195	15	16	0.08	2.9	23	30	3	293	30.26	453 X		0.07	493 X		0.04	207	1139	93 X		37	2	5	7 X		18 X		2835
D	140105	470959	5396137	AGD66		55 dolerite	X		X	31398 X		49 X		1.67 X		39	45	62	64	6.9	2178 X		4.33	988	1	0.7	200	1155	2 X		3	175 X		2749	4	50 X		87
D	140112	470749	5396426	AGD66		55 schist	X		X	2706	45	22 X		0.02 X	X	X		7	53	2.42	1037 X		0.01	38 X		0.03	2	43	6	3	1	3 X		6 X		6 X	X	
D	140113	470750	5396421	AGD66		55 schist		2		X	5617	30	40 X		0.01 X	X	X		13	15	1.84	2376 X		0.02	17	7	0.04 X		53	13 X		2	4 X		6 X		7 X	X	
D	140114	470741	5396439	AGD66		55 schist	X		X	2203	20	12 X		0.01 X	X	X		6	17	1.58	1104 X	X		72 X		0.03	3	39	3	5 X		3 X		10 X		5 X	X	
D	140115	470671	5396466	AGD66		55 gossan		1		X	5503	24	12 X		0.01 X	X	X		16	22	3.41	382 X		0.01	56 X		0.04	4	98	4 X		4	2 X		14 X		12 X		2
D	140116	470540	5396552	AGD66		55 schist	X		X	4741	7	22 X		0.02 X	X	X		17	9	1.11	1206 X		0.02	49	5	0.05	5	65	92 X		3	5 X	X	X		59 X		42
D	140117	470545	5396556	AGD66		55 schist		2		1.2	15040	85	42	2	0.03	0.5	45	18	30	118	31.17	2496	20	0.08	289	12	0.04	120	1514	92 X		92	5	2 X		4	279 X		3071
D	140118	470456	5396604	AGD66		55 gossan		1		X	7743	63	40 X		0.02 X		34	39	15	366	8.45	1270 X		0.04	568	3	0.05	123	684	249 X		9	8 X	X	X		40 X		134
D	140119	470395	5396682	AGD66		55 schist	X		X	7186 X		54 X		0.02 X		58 X	X		10	0.98	2149	27	0.03	42 X		0.04	1	59	5 X		1	4 X	X	X		3 X		20
D	140120	470366	5396668	AGD66		55 gossan		2		0.7	9838	110	37	11	0.02	1.5 X		37	14	89	36.92	1701 X		0.05	287	3	0.04	215	2009	59 X		23	5 X	X		3	33 X		913
D	140121	470275	5396741	AGD66		55 schist	X		X		5786 X		47 X		0.03 X		52 X	X		2	0.82	1736	25	0.02	34 X		0.04 X		38	2 X	X		3 X	X	X	X	X		6
D	140122	470238	5396728	AGD66		55 schist	X		X		6324 X		74 X		0.01 X		31	1 X		5	1.29	1841 X		0.02	22 X		0.05	1	48	3 X		2	8 X	X	X		3 X		10
D	140123	470637	5396432	AGD66		55 qtz vein		1		X	2365	18	32 X		0.01 X		36	1	7	4	1.06	1160 X		0.03	83	6	0.03	1	39	1 X	X		3 X		12 X		3	10	4
D	140124	470716	5396511	AGD66		55 gossan	X		X		8771	583	110 X	X		0.7 X		124	10	106	40.54	1204 X		0.05	3358 X		0.03	297	1048	253 X		12	6 X		8 X		3 X		4254
D	140125	470889	5396269	AGD66		55 qtz vein	X		X		2748	17	32 X		0.01 X	X		3	5	6	2.62	1431 X		0.01	175 X		0.03	10	64	9 X	X		3 X		6 X		6 X		124
D	140126	471360	5396524	AGD66		55 gossan		5		X	21131	49	105 X		0.02 X		53	5	108	91	16.91	3120	26	0.07	105	4	0.03	21	695	59 X		15	20 X	X	X		45 X		126
D	140127	471406	5396226	AGD66		55 quartzite		9		X	5087 X		8 X		0.01 X	X		3	11	72	3.66	423 X		0.09	80 X		0.03	3	135	2 X		5	2 X		90 X		44 X		8
D	140128	471411	5396210	AGD66		55 schist		2		X	23565 X		80 X		0.01 X		22	14	30	130	8	3573 X		1.08	162 X		0.03	28	313	1 X		9	3 X		437 X		101 X		38
D	140129	470442	5396496	AGD66		55 quartzite	X		X		43761	8	51	3	0.02 X		108	9	21	105	9.92	2218	63	1.47	147 X		0.03	99	1174	52	4	30	13 X		21 X		125 X		171
D	140130	470512	5396564	AGD66		55 breccia		2		X	11832	44	43 X		0.02 X		26	12	31	172	19.53	1965 X		0.06	98	10	0.04	72	1509	162 X		45	5 X		8 X		60 X		1257
D	140131	470647	5396690	AGD66		55 sandstone	X		X		2930 X		98 X		0.01 X	X	X		4	6	0.96	1186 X		0.03	49 X		0.03	1	35	3 X	X		1 X		8 X		6 X		7
D	140132	470408	5396696	AGD66		55 schist	X		X		14194 X		95 X		0.02 X		42 X		2	2	1.13	3935	21	0.05	36 X		0.05	2	51	1 X		1	5 X	X	X		2 X		7
D	140133	470325	5396684	AGD66		55 schist		3		X	15681	84	65	2	0.02 X		118 X		39	19	4.07	1338	49	0.03	22 X		0.05	5	289	127	2	17	8 X	X	X		66 X		3
D	140134	470245	5396648	AGD66		55 quartzite	X		X		3110	22	22 X		0.01 X	X	X		4	5	1	1018 X		0.02	38 X		0.03	1	74	5 X		2	3 X		5 X		5 X		2
D	140135	470169	5396759	AGD66		55 gossan		1		X	6630	42	29	3	0.02 X	X		18	4	16	29.21	1117 X		0.04	136	3	0.04	87	1931	33 X		11	2 X	X	X		17 X		449

EOF

APPENDIX III

Soil Samples

H0100 Tenement No/Combined Report No EL34/2007
H0101 Tenement Holder Greatland Pty Ltd
H0102 Tenement Operator Greatland Pty Ltd
H0103 Project Name Firetower
H0104 250K Map Sheet SK55-21
H0105 100K Map Sheet 8214
H0200 Start Date of Data Acquisition Sep-10
H0201 End Date of Data Acquisition Sep-11
H0202 Data Format SG2
H0203 Number of Data Records 95
H0204 Date of Metadata Update Sep-11
H0500 Feature Located Sample Point
H0501 Geodetic Datum AGD66
H0502 Vertical Datum N/A
H0503 Projection AMG
H0504 Projection Zone 55
H0505 Surveying Instrument Handheld GPS
H0506 Surveying Company Greatland Pty Ltd
H0600 Sample Code soil
H0601 Sample Type soil
H0602 Sample Description bulk soil
H0700 Sample Prep Code SSMG
H0701 Sample Prep Details 75micron
H0702 Job No 1110892
H0800 Assay Code AR10/GF AI
H0801 Assay Company Genalysis Laboratories
H0802 Assay Description Aqua Regia AAS OES
H0900 Remarks below detection = X

H1000	Sample No	AMG East	AMG North	Datum	Zone	Au	Ag	Al	As	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Te	Ti	Tl	V	W	Zn
H1001		metres	metres			ppb	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
H1002						1	0.5	20	5	2	2	0.01	0.5	20	1	2	1	0.01	20	20	0.01	1	1	0.01	1	20	1	2	1	1	2	5	2	2	2	1
H1003		1	1			AR10/GF	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE	AR10/OE
D	FS4251	471092	5395868	AGD66	55	X	X	756	X	19	X	0.05	X	X	X	5	1	0.63	371	X	0.02	73	X	0.09	1	X	X	X	X	3	X	225	X	3	X	3
D	FS4252	471132	5395898	AGD66	55	X	X	211	X	22	X	0.04	X	X	X	5	2	0.49	173	X	0.01	55	1	0.1	3	X	X	X	X	3	X	135	X	X	X	2
D	FS4253	471162	5395935	AGD66	55	X	X	829	X	24	X	0.05	X	X	X	6	2	0.85	290	X	0.02	95	X	0.12	2	X	1	X	X	3	X	209	X	4	X	3
D	FS4254	471196	5395976	AGD66	55	X	X	2371	X	9	X	0.03	X	X	X	12	5	1.1	230	X	0.02	99	3	0.07	6	X	2	X	X	3	X	231	X	12	X	3
D	FS4255	471229	5396012	AGD66	55	X	X	185	X	13	X	0.04	X	X	X	4	1	0.68	132	X	0.01	84	X	0.1	X	X	1	X	X	4	X	211	X	2	X	3
D	FS4256	471271	5396045	AGD66	55	X	X	4028	X	16	X	0.04	X	X	X	13	4	1.26	457	X	0.02	114	3	0.1	5	21	1	X	X	4	X	293	X	12	X	3
D	FS4257	471300	5396082	AGD66	55	X	X	21190	X	34	X	0.03	X	44	7	30	13	3.2	2464	X	0.1	239	X	0.07	5	99	8	X	7	2	X	208	X	37	X	16
D	FS4258	471338	5396118	AGD66	55	X	X	7198	X	60	X	0.05	X	X	X	15	4	1.34	1282	X	0.06	149	2	0.11	6	30	3	X	X	5	X	155	X	15	X	5
D	FS4259	471374	5396150	AGD66	55	X	X	15685	X	37	X	0.04	X	X	X	20	2	1.66	1090	X	0.06	94	X	0.09	3	X	3	3	2	4	X	290	X	40	X	5
D	FS4260	471410	5396190	AGD66	55	X	X	19100	X	48	X	0.04	X	X	9	65	6	10.53	2079	X	0.35	166	1	0.12	10	117	14	X	11	7	X	1145	X	226	2	16
D	FS4261	471449	5396221	AGD66	55	X	X	9018	X	84	X	0.06	X	41	X	14	3	3.76	2777	X	0.06	202	X	0.1	X	69	6	X	2	6	X	146	X	36	X	5
D	FS4262	471486	5396270	AGD66	55	X	X	18437	7	76	X	0.03	X	33	2	31	6	1.62	2316	X	0.12	78	2	0.07	13	105	9	X	3	5	X	79	X	41	X	17
D	FS4263	471518	5396290	AGD66	55	X	X	3103	X	84	X	0.13	X	X	X	9	4	1.16	1435	X	0.04	197	1	0.13	2	51	5	X	X	13	X	60	X	6	X	5
D	FS4264	471544	5396333	AGD66	55	X	X	28800	12	121	X	0.05	X	30	X	47	8	2.12	3751	X	0.15	55	3	0.1	6	120	13	2	3	9	2	51	X	53	X	11
D	FS4265	471578	5396369	AGD66	55	X	X	14553	X	67	X	0.04	X	42	2	53	14	2.67	1490	X	0.16	140	X	0.08	26	226	12	2	2	6	X	20	X	19	X	21
D	FS4266	470959	5396001	AGD66	55	X	X	12692	X	70	X	0.05	X	30	1	17	14	1.95	1913	X	0.09	98	2	0.08	7	53	9	X	3	4	X	361	X	41	X	11
D	FS4267	470988	5396044	AGD66	55	X	X	8576	X	51	X	0.04	X	32	1	11	12	2.19	1250	X	0.07	70	X	0.06	2	37	10	X	2	4	X	205	X	40	X	10
D	FS4268	471028	5396075	AGD66	55	X	X	21929	X	52	X	0.03	X	37	6	26	30	4.99	2800	X	0.21	143	X	0.06	8	93	7	X	7	3	X	980	X	92	X	23
D	FS4269	471060	5396113	AGD66	55	X	X	47653	5	86	X	0.04	X	36	17	49	182	8.37	2573	X	0.39	313	1	0.06	16	115	19	X	18	4	X	1392	X	169	X	68
D	FS4270	471088	5396153	AGD66	55	X	X	25212	X	55	X	0.03	X	35	3	34	19	2.84	2476	X	0.14	109	X	0.06	6	61	11	4	5	3	X	338	X	51	X	16
D	FS4271	471118	5396194	AGD66	55	X	X	37848	X	57	X	0.02	X	28	6	44	29	4.92	2440	X	0.18	246	X	0.06	8	70	10	2	8	3	X	265	X	98	X	24
D	FS4272	471150	5396232	AGD66	55	X	X	16928	X	73	X	0.03	X	33	2	22	9	2.43	2061	X	0.08	414	1	0.07	6	68	10	X	3	5	X	315	X	46	X	10
D	FS4273	471186	5396269	AGD66	55	X	X	5613	X	51	X	0.06	X	X	X	8	3	1.03	1669	X	0.04	301	X	0.11	2	71	5	X	X	6	X	187	X	10	X	5
D	FS4274	471218	5396305	AGD66	55	X	X	1847	X	37	X	0.07	X	X	X	10	6	1.01	789	X	0.03	156	3	0.1	6	24	2	X	X	10	X	89	X	4	X	3
D	FS4275	471250	5396346	AGD66	55	X	X	2128	X	42	X	0.04	X	X	X	8	3	1.19	906	X	0.02	137	X	0.12	1	34	3	X	X	5	X	137	X	4	X	3
D	FS4276	471283	5396384	AGD66	55	X	X	6948	X	31	X	0.03	X	X	X	18	6	1.84	909	X	0.03	142	4	0.07	9	55	5	3	X	5	X	120	X	16	X	5
D	FS4277	471317	5396422	AGD66	55	X	X	4516	X	61	X	0.05	X	X	X	10	3	1.11	1114	X	0.03	117	X	0.1	1	50	6	X	X	8	X	41	X	9	X	3
D	FS4278	471355	5396454	AGD66	55	X	X	3240	X	29	X	0.03	X	31	X	12	5	1.06	1188	X	0.04	108	3	0.09	6	31	2	X	X	3	X	155	X	8	X	3
D	FS4279	471391	5396493	AGD66	55	1	X	31452	16	122	X	0.05	X	46	1	61	16	2.33	3228	X	0.11	65	2	0.09	9	88	34	2	3	10	2	13	X	44	X	7
D	FS4280	471437	5396509	AGD66	55	X	X	10629	5	134	X	0.05	X	61	X	32	8	1.15	2641	28	0.07	45	X	0.1	4	93	10	X	1	8	X	12	X	12	X	6
D	FS4281	470742	5396086	AGD66	55	X	X	1218	X	24	X	0.03	X	X	X	9	3	1.55	467	X	0.02	160	X	0.08	2	X	2	X	X	4	X	306	X	8	X	3
D	FS4282	470774	5396125	AGD66	55	X	X	1805	X	31	X	0.04	X	X	X	10	5	1.18	503	X	0.02	104	3	0.08	7	32	2	X	X	5	X	266	X	9	X	4
D	FS4283	470817	5396153	AGD66	55	3	X	6532	X	67	X	0.05	X	29	X	10	3	1.61	2041	X	0.06	214	X	0.07	2	57	4	X	1	4	X	300	X	17	X	9
D	FS4284	470850	5396191	AGD66	55	X	X	20278	6	158	X	0.17	X	66	11	20	22	1.91	3379	23	0.19	602	1	0.08	7	106	20	X	3	13	X	72	X	32	X	35
D	FS4285	470885	5396226	AGD66	55	X	X	3015	X	44	X	0.07	X	20	X	8	3	0.91	912	X	0.03	93	X	0.09	2	63	4	X	X	5	X	110	X	6	X	4
D	FS4286	470920	5396262	AGD66	55	X	X	3566	X	41	X	0.05	X	21	X	14	7	1.22	1514	X	0.03	130	3	0.1	8	46	3	X	X	5	X	110	X	6	X	4
D	FS4287	470953	5396300	AGD66	55	X	X	2608	X	44	X	0.06	X	X	X	9	6	1.4	1285	X	0.03	178	2	0.09	X	52	2	X	X	8	X	141	X	5	X	4
D	FS4288	470983	5396341	AGD66	55	X	X	2494	6	90	X	0.07	X	X	1	19	17	3.21	903	X	0.03	298	6	0.08	12	80	9	3	X	8	X	109	X	6	3	4
D	FS4289	471018	5396376	AGD66	55	X	X	11250	X	214	X	0.24	X	84	X	4	9	1.09	3524	35	0.07	5185	X	0.09	2	146	5	2	1	18	X	15	X	5	X	8
D	FS4290	471052	5396412	AGD66	55	X	X	9622	X	58	X	0.04	X	X	X	7	2	0.81	1168	X	0.04	61	X	0.09	3	49	2	X	X	4	X	32	X	6	X	4
D	FS4291	471093	5396443	AGD66	55	X	X	1411	X	33	X	0.05	X	X	X	7	2	1.04	620	X	0.02	131	X	0.08	1	36	2	X	X	6	X	124	X	3	X	2
D	FS4292	471131	5396477	AGD66	55	X	X	1605	X	41	X	0.06	X	X	X	11	5	1.03	697	X	0.03	431	3	0.09	7	42	2	X	X	5	X	79	X	3	X	3
D	FS4293	471162	5396515	AGD66	55	X	X	2208	X	20	X	0.05	X	X	X	7	2	0.97	729	X	0.02	146	X	0.09	X	X	2	X	X	5	X	157	X	8	X	2
D	FS4294	471203	5396548	AGD66	55	X	X	7381	X	25	X	0.04	X	24	X	14	3	0.96	1201	X	0.05	66	1	0.11	4	40	3	X	X	4	X	153	X	19	X	4
D	FS4295	471226	5396591	AGD66	55	X	X	12144	X	44	X	0.05	X	X	X	18	3	1.14	1160	X	0.05	84	X	0.1	5	39	5	X	1	6	X	174	X	20	2	4
D	FS4296	471072	5396741	AGD66	55	X	X	1846	X	16	X	0.04	X	X	X	10	4	0.96	263	X	0.02	94	2	0.1	6	34	3	X	X	3	X	137	X	5	X	3
D	FS4297	471036	5396705	AGD66	55	X	X	1074	X	21	X	0.05	X	X	X	8	3	1.29	338	X	0.02	152	X	0.11	3	32	2	X	X	5	X	210	X	5	X	3
D	FS4298	471000	5396672	AGD66	55	X	X	10668	X	23	X	0.04	X	X	X	20	3	1.3	507	X	0.03	122	2	0.06	6	42	3	X	X	4	X	153	X	19	X	4
D	FS4299	470966	5396635	AGD66	55	X	X	6265	X	28	X	0.06	X	X	X	14	2	1.35	653	X	0.03	154	X	0.1	2	40	5	X	X	6	X	99	X	13	X	3
D	FS4300	470931	5396599	AGD66	55	X	X	8451	X	44	X	0.05	X	X	X	15	4	1.28	1237	X	0.05	142	2	0.09	6	62	9	X	X	6	X	90	X	13	X	4
D	FS4301	470899	5396561	AGD66	55	X	X	1890	X	33	X	0.06	X	X	X	9	3	1.18	773	X	0.03	139	X	0.12	1	38	5	X	X	5	X	154	X	4	2	2
D	FS4302	470866	5396524	AGD66	55	1	X	6824	X	72	X	0.05	X	32	X	11	4	1.18	1163	X	0.04	312	1	0.07	5	63	9	X	X	7	X	97	X	8	X	5
D	FS4303	470829	5396492	AGD66	55	1	X	16676	9	107	X	0.05	X	29	X	20	9	1.46	2527	X	0.07	249	X	0.08	3	67	54	2	2	13	X	29	X	23	X	12
D	FS4304	470799	5396450	AGD66	55	5	X	34026	29	148	X	0.05	X	37	X	37	32	1.41	2640	X	0.12	103	3	0.07	8	134	690	14	3	11	X	55	X	50	X	12
D	FS4305	470765	5396413	AGD66	55	X	X	4444	9	45	X	0.06	X	X	X	9	2	0.78	1312	X	0.03	79	X	0.1	X	25	5	X	X	9	X	22	X	8	X	3
D	FS4306	470730	5396377	AGD66	55	X	X	3589	18	37	X	0.07	X	X	X	11	5	1.57	973	X	0.03	128	2	0.07	4	54	9	X	X	8	X	50	X	14	X	3
D	FS4307	470688	5396348	AGD66	55	X	X	12747	8	94	X	0.03	X	X	X	18	2	1.29	2554	X	0.06	82	X	0.06	2	44	6	3	2	6	X	131	X	24	X	5
D	FS4308	470655	5396310	AGD66	55	X	X	1232	X	22	X	0.04	X	X	X	9	5	0.96	591	X	0.02	106	2	0.08	6	38	2	X	X	5	X	191	X	4	X	3
D	FS4309	470627	5396269	AGD66	55	X	X	13424	5	58	X	0.02	X	38	3	18	7	1.6	2781	X	0.11	206	X	0.06	3	42	6	2	2	3	X	184	X	27	X	7
D	FS4310	470595	5396232	AGD66	55	X	X	13468	X	75	X	0.07	X	35	2	20	13	2.42	2342	X	0.1	502	1	0.06	7	74	6	X	3	8	X	291	X	40	X	10
D	FS4311	470417	5396366	AGD66	55	2	X	8912	18	48	X	0.02	X	21	X	12	6	1.94	1768	X	0.04	52	X	0.06	3	46	43	X	1	5	X	37	X	25	X	5
D	FS4312	470453	5396401	AGD66	55	X	X	609	X	7	X	0.02	X	X	X	X	1	0.2	259	X	X	14	X	0.07	2	X	2	X	X	2	X	12	X	X	X	2
D	FS4313	470493	5396433	AGD66	55	1	X	12480	16	68	X	0.03	X	X	1	53	25	2.28	2565	X	0.06	66	X	0.1	6	70	53	3	5	6	X	11	X	35	X	11
D	FS4314	470527	5396470	AGD66	55	X	X	7628	X	32	X	0.04	X	X	1	20	5	1.26	1565	X	0.04	85	1	0.1	4	55	10	X	1	5	2	74	X	20	X	5
D	FS4315	470563	5396504	AGD66	55	X	X	3724	X	25	X	0.03	X	X	X	8	9	1.16	800	X	0.02	82	X	0.08	3	39	54	X	1	3	X	14	X	15	X	24
D	FS4316	470595	5396543	AGD66	55	X	X	23627	13	80	X	0.04	X	26	X	28	39	2.04	2005	X	0.08	85	X	0.06	7	60	66	2	3	6	3	18	X	40	X	24
D	FS4317	470629	5396580	AGD66	55	X	X	4005	X	54	X	0.05	X	X	X	7	4	1.12	898	X	0.03	110	X	0.08	2	34	6	X	X	7	X	83	X	6	X	6
D	FS4318	470655	5396623	AGD66	55	X	X	1054	X	25	X	0.04	X	X	X	13	6	1.42	552	X	0.02	147	3	0.09	7	44	2	X	X	4	X	198	X	3	X	3
D	FS4319	470677	5396672	AGD66	55	X	X	1612	X	86	X	0.06	X	X	X	8	3	1.14	798	X	0.03	112	X	0.12	2	80	9	X	X	12	X	46	X	3	X	4
D	FS4320	470727	5396693	AGD66	55	X	X	11751	9	48	X	0.05	X	20	X	23	3	1.4	1667	X	0.05	148	1	0.06	5	60	11	X	1	9	X	55	X	20	X	4
D	FS4321	470752	5396737	AGD66	55	X	X	2747	X	28	X	0.04	X	X	X	9	2	1.07	796	X	0.03	109	X	0.09	1	46	2	X	X	6	X	90	X	6	X	2
D	FS4322	470792	5396769	AGD66	55	X	X	935	X	24	X	0.06	X	X	X	10	5	1.08	284	X	0.02	139	2	0.08	6	46	1	X	X	6	X	152	X	3	X	2
D	FS4323	470825	5396806	AGD66	55	X	X	2687	X	23	X	0.08	X	X	X	9	3	1.1	465	X	0.02	147	X	0.11	3	46	1	X	X	8	X	345	X	7	X	3

D	FS4324	470867	5396836	AGD66	55	X	X	12359	X		19	X	0.02	X	X		X		15	3	1.03	498	X		0.03	53		1	0.05	8	31		6	X			1	3	X		232	X	18	X	5
D	FS4325	470901	5396873	AGD66	55	X	X	1602	X		8	X	0.02	X	X		X		5	1	0.66	177	X		0.01	74	X		0.05	1	25		1	X		X		2	X		151	X	4	X	2
D	FS4326	470725	5396992	AGD66	55	X	X	907	X		22	X	0.04	X	X		X		12	6	1.34	354	X		0.02	147		3	0.1	8	47		2	X		X		5	X		152	X	3	X	3
D	FS4327	470687	5396959	AGD66	55	X	X	4807	X		24	X	0.04	X	X			1	11	2	1.02	451	X		0.03	109	X		0.08	3	47		4	X		X		4	X		225	X	9	X	5
D	FS4328	470651	5396924	AGD66	55	X	X	835	X		16	X	0.06	X	X		X		8	4	0.81	204	X		0.02	109		2	0.09	6	27	X		X		X		4	X		170	X	4	X	3
D	FS4329	470613	5396892	AGD66	55	X	X	4728		6	49	X	0.04	X		33	X		15	5	1.46	1482	X		0.04	92	X		0.08	2	68		6	X		X		6	X		46	X	12	X	3
D	FS4330	470578	5396851	AGD66	55	X	X	6866		9	54	X	0.03	X		36	X		16	5	0.99	2229	X		0.06	58		2	0.08	5	51		6	X			1	4	X		39	X	14	X	4
D	FS4331	470550	5396811	AGD66	55	X	X	2926	X		45	X	0.09	X	X		X		9	3	1.15	1556	X		0.04	155	X		0.1	3	57		2	X		X		9	X		43	X	5	X	4
D	FS4332	470514	5396779	AGD66	55	X	X	1053	X		25	X	0.07	X	X		X		9	4	0.88	499	X		0.03	101		2	0.08	6	31		2	X		X		5	X		99	X	4	X	4
D	FS4333	470490	5396732	AGD66	55	X	X	2881	X		78	X	0.06	X	X			1	8	2	0.85	782	X		0.05	89	X		0.08	2	101		7	X		X		8	X		69	X	4	X	5
D	FS4334	470457	5396693	AGD66	55	X	X	1381	X		21	X	0.04	X	X		X		10	5	1.17	493	X		0.02	108		3	0.08	7	31		2	X		X		3	X		167	X	5	X	5
D	FS4335	470426	5396654	AGD66	55	X	X	5415	X		36	X	0.05	X	X			1	8	5	0.88	966	X		0.03	66	X		0.09	3	43		5	X			1	7	X		17	X	10	X	8
D	FS4336	470390	5396621	AGD66	55	X	X	18892		21	48	X	0.03	X	X			5	118	54	5.57	1978	X		0.06	180		1	0.06	16	186		40		4		12	4		3	23	X	73	X	57
D	FS4337	470352	5396588	AGD66	55	X	X	30454		17	79	X	0.06	X	X			9	162	31	6.54	2007	X		0.1	931	X		0.07	36	191		40		3		13	7	X		120	X	129	X	62
D	FS4338	470317	5396547	AGD66	55	X	X	46508		13	80	X	0.18	X		31		68	280	53	6.85	2472	X		0.15	1463		1	0.09	59	233		42		7		21	11		2	83	X	179	X	52
D	FS4339	470275	5396524	AGD66	55	X	X	35547		10	121	X	0.11	X		53		86	45	12	3.42	1956	X		0.18	2278	X		0.08	20	164		35		4		6	10	X		54	X	76	X	36
D	FS4340	470242	5396487	AGD66	55	X	X	4828	X		41	X	0.04	X		21		1	16	5	2.25	1450	X		0.03	106		2	0.11	7	78		7		2		1	4	X		181	X	16	X	12
D	FS4341	470127	5396671	AGD66	55	X	X	10849	X		55	X	0.31	X		22		2	22	4	2	1310	X		0.14	118	X		0.14	10	153		9	X			2	15	X		144	X	25	X	20
D	FS4342	470161	5396708	AGD66	55	X	X	30259		6	115	X	0.11	X		53		15	40	12	2.35	1675		22	0.15	137	X		0.09	23	220		25	X			5	10	X		67	X	49	X	29
D	FS4343	470194	5396746	AGD66	55	X	X	5406		9	31	X	0.04	X	X		X		8	3	1.17	1179	X		0.03	63	X		0.08	1	59		57		2	X		4	X		57	X	12	X	5
D	FS4344	470230	5396781	AGD66	55	X	X	2388	X		32	X	0.06	X	X		X		9	4	1.15	621	X		0.03	111		2	0.1	6	45		4	X		X		7	X		228	X	7	X	5
D	FS4345	470007	5396825	AGD66	55	X	X	3882	X		27	X	0.05	X		22	X		7	3	0.52	638	X		0.04	57	X		0.11	2	76		3	X		X		5	X		307	X	8	X	5

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