GREATLAND

Annual Report
for EL02/2009 Beulah
for the Period 23 June 2009 to 22 June 2010

Author: C Baxter

Date: July 2010

Greatland Pty Ltd ACN 108 498 997 ABN 92 108 498 997
Suite 5 73 Hay Street Subiaco Western Australia 6008
ph +61 (0)8 9463 1430 fax +61 (0)8 9463 1431 email info@greatlandgold.com

ABSTRACT

EL02/2009 Beulah is located 70km west of Launceston in central north Tasmania. The tenement covers some 15 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 period included research of previous exploration activities, data compilation and soil sampling at the Star of the West prospect. Soil sampling results were subdued.

KEYWORDS

Geology/Mineralisation

Mt Read Volcanics, Gordon Group, Roland Conglomerate, Moina Sandstone, Gordon Limestone

Minerals

Gold

Deposits/Occurrences

Cethana, Gowrie Park, Lake Barrington, Star of the West, Gregorys Road, North Gog

COORDINATES

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

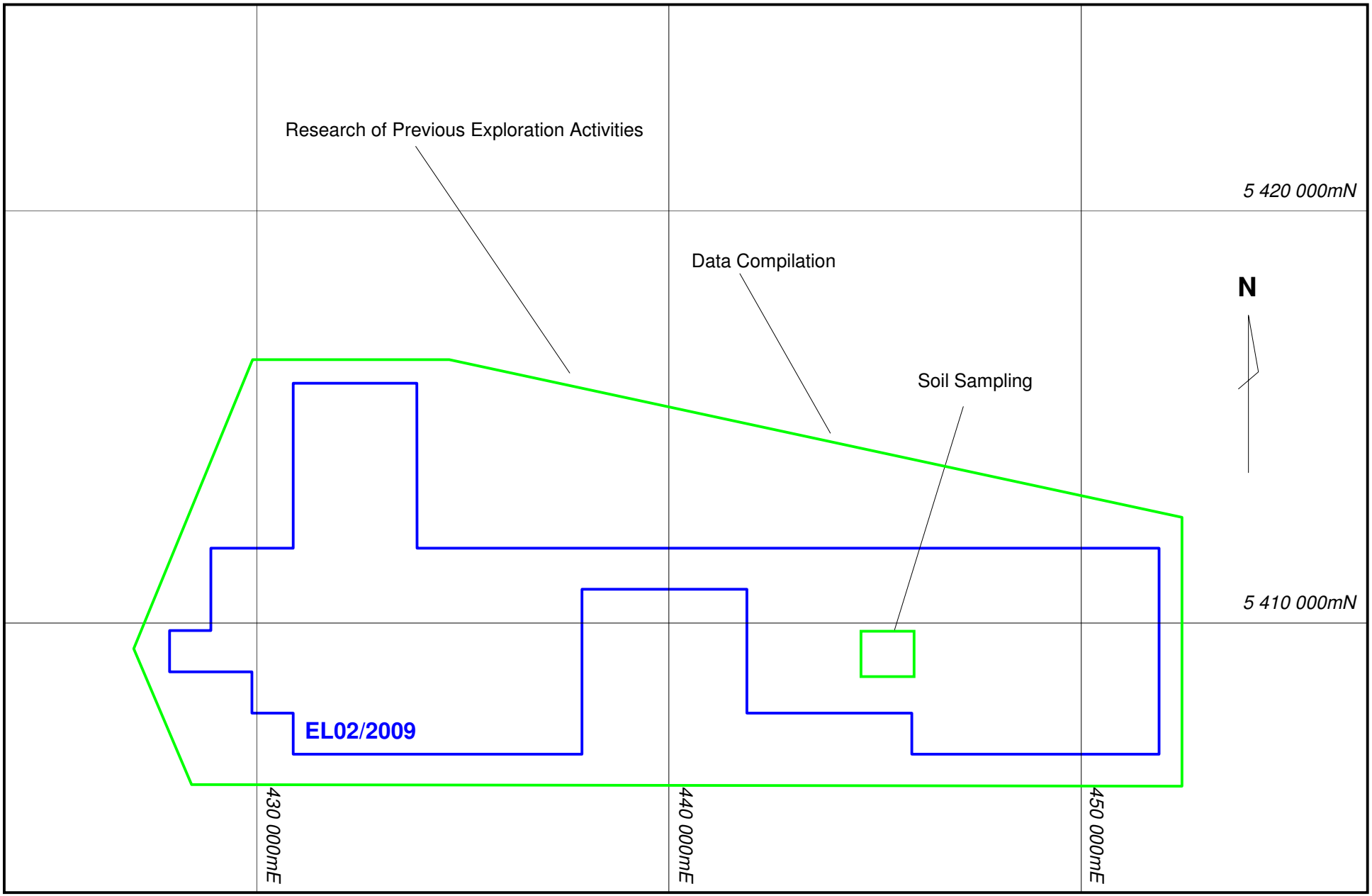
All AMG co-ordinates in this report refer to the AGD66 Datum - Zone55

FILE SUMMARY LIST

File Name	Format	Contents
el022009_201007_01_report	pdf	report
el022009_201007_02_geochem	txt	data

SUMMARY OF ACTIVITIES FOR EL02/2009 BEULAH FOR THE PERIOD 23 JUNE 2009 to 22 JUNE 2010

- Research of Previous Exploration Activities
- Data Compilation
- Soil Sampling



AGD66 Zone55

0 8km

GREATLAND PTY LTD

EL02/2009 BEULAH

Exploration Index Map

CONTENTS

FIGURES

TABLES

APPENDICES

1.0 Introduction

This report details the exploration activities completed within EL02/2009 during the period 23 June 2009 to 22 June 2010. The lease is located 70km west of Launceston in central-north Tasmania.

The tenement covers some 15 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 period included research of previous exploration activities, data compilation and soil sampling at the Star of the West prospect.

2.0 Tenement Details

EL02/2009 Beulah was applied for by Greatland Pty Ltd, via the ERA process, during December 2008 and was successfully granted the licence during June 2009. The tenement covers an area of 105 square kilometres. Tenement details are shown in Table 1.

Table 1 – Tenement Details

Tenement	Holder	Date Applied	Date Granted	Size
EL02/2009 Firetower	Greatland Pty Ltd 100%	18 Dec 2008	23 Jun 2009	105km^2

3.0 Location and Access

EL02/2009 Beulah is located 70km west of Launceston in central north Tasmania (Figure 1). It lies 30km west north-west of the town of Deloraine and forms the western parts of the Company's Firetower project (Figure 2). Land within the tenement is approximately 60% state forest with the balance being private farming land.

The tenement lies within the Tasmania NW (SK55-20) 1:250,000 map sheet and the Forth (8115) 100,000 map sheet.

From Launceston, access to the project area is by sealed road to Sheffield then south via various sealed roads that traverse the tenement.

4.0 Geology and Mineralisation

The licence area covers some 15 strike kilometres of rocks assigned to the Cambrian Mt Read Volcanics (Figure 3). These Cambrian rocks are highly mineralised and host major polymetallic VHMS deposits, particularly in the west 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 project scale geological setting has been described in detail in a previous report by McDougal and Reid (2005). Project scale mineralisation has been well summarised in a recent report by Kitto and Morrison (2008). The reader is referred to these reports. Gold and base metal prospects identified within EL02/2009 include Cethana, Gowrie Park, Lake Barrington, Star of the West, Gregorys Road and North Gog.

5.0 Previous Exploration

Details of previous exploration within E02/2009 have been covered well in a recent report by Kitto and Morrison (2008). Readers are referred to this report.

6.0 Work Carried Out During the Period

Work completed during the period included research of previous exploration activities, data compilation and soil sampling at the Star of the West prospect.

Research of Previous Exploration Activities

During the period all reported previous exploration activities were researched, primarily via MRT databases. All reports were reviewed for relevant exploration information. A good summary of previous exploration activities, geology and mineralization can be found in McDougal and Reid (2005) and Kitto and Morrison (2008).

Data Compilation

Previous exploration data was compiled into standard spreadsheets suitable for GIS integration. All data were reviewed. It was concluded that soil sampling at Star of the West be carried out to extend reconnaissance soil coverage completed by Newcrest (Kitto and Morrison, 2008) and CRAE (Clementson and Flis, 1983). Newcrest results returned a maximum of 257ppb Au (Kitto and Morrison, 2008) at Star of the West.

Soil Sampling

A total of 55 soil samples were collected during the period. Samples were collected from the Star of the West prospect.

Samples were collected along six east-west traverses to follow up on results of samples collected by Newcrest in 2007. Samples were collected at 50m intervals along lines 100m apart. Material was taken from a depth of around 150mm, and coarse screened to -10mm; approximately 2kg of -10mm material was collected at each site.

All samples were sent to Genalysis Laboratories in Adelaide/Perth for screening to -180micron (-80mesh) then analysis of Au, Ag, As, Bi, Co, Cu, Pb, Sb, W and Zn to detection limits of 0.0001, 0.05, 1, 0.01, 0.1, 1, 1, 0.02, 0.05 and 1ppm respectively. Gold analysis was by Aqua Regia digest with an enhanced sensitivity AAS read (lab code B/EETA). Cu and Zn were by Aqua Regia digest with an AAS read (lab code B/AAS) while all other elements were by Aqua Regia digest with a mass spectrometry read (lab code B/MS).

Highest results were 6.5ppb Au, 0.38ppm Ag, 13ppm As, 0.87ppm Bi, 52.6ppm Co, 41ppm Cu, 66ppm Pb, 0.53ppm Sb, 0.08ppm W and 79ppm Zn. All sample results are presented in Appendix I and locations are shown in Figures 4.

Results of soil sampling at Star of the West were considered subdued.

7.0 Conclusions

EL02/2009 Beulah is located 70km west of Launceston in central north Tasmania. It lies 30km west north-west of the town of Deloraine and forms the western parts of the Company's Firetower project.

The tenement covers some 15 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 period included research of previous exploration activities, data compilation and soil sampling at the Star of the West prospect. Soil sampling results were subdued.

References

Clementson, I.M. and Flis, M.F., 1983. EL7/73 Sheffield North Tasmania, Report on Exploration During 1982. CRA Exploration Proprietary Limited, 42pp. (unpublished)

Kitto, J. and Morrison, K.C., 2008. First Annual Report EL43/2006 Gowrie Park Project for the period to 7/3/2008. Newcrest Operations Limited, 49pp. (unpublished)

McDougall, J. and Reid, R., 2005. EL29/2003 - Gowrie Park Annual Report to December 23, 2004. Tasgold Ltd, 25pp. (unpublished)

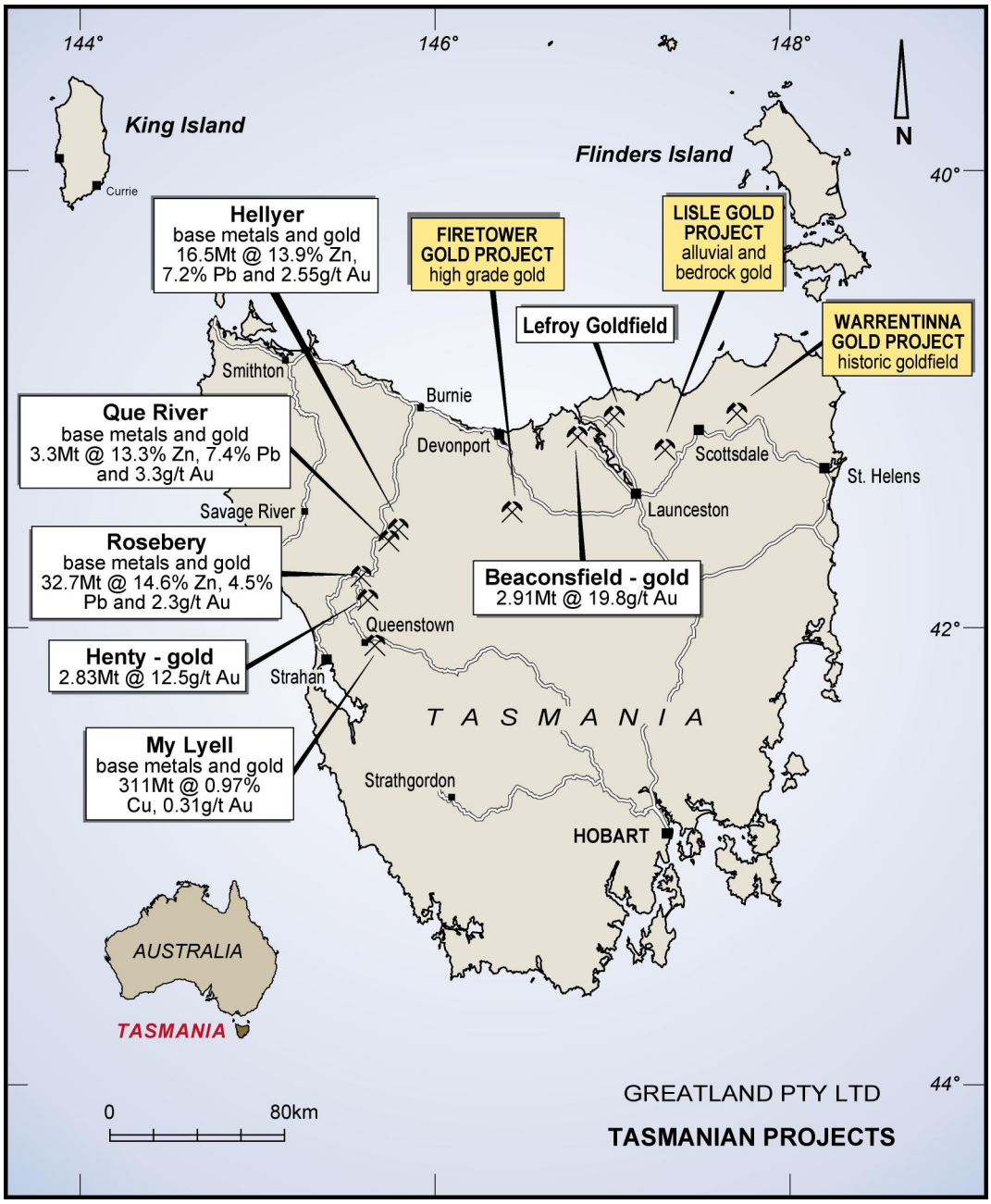


Figure 1 – Project Location Map

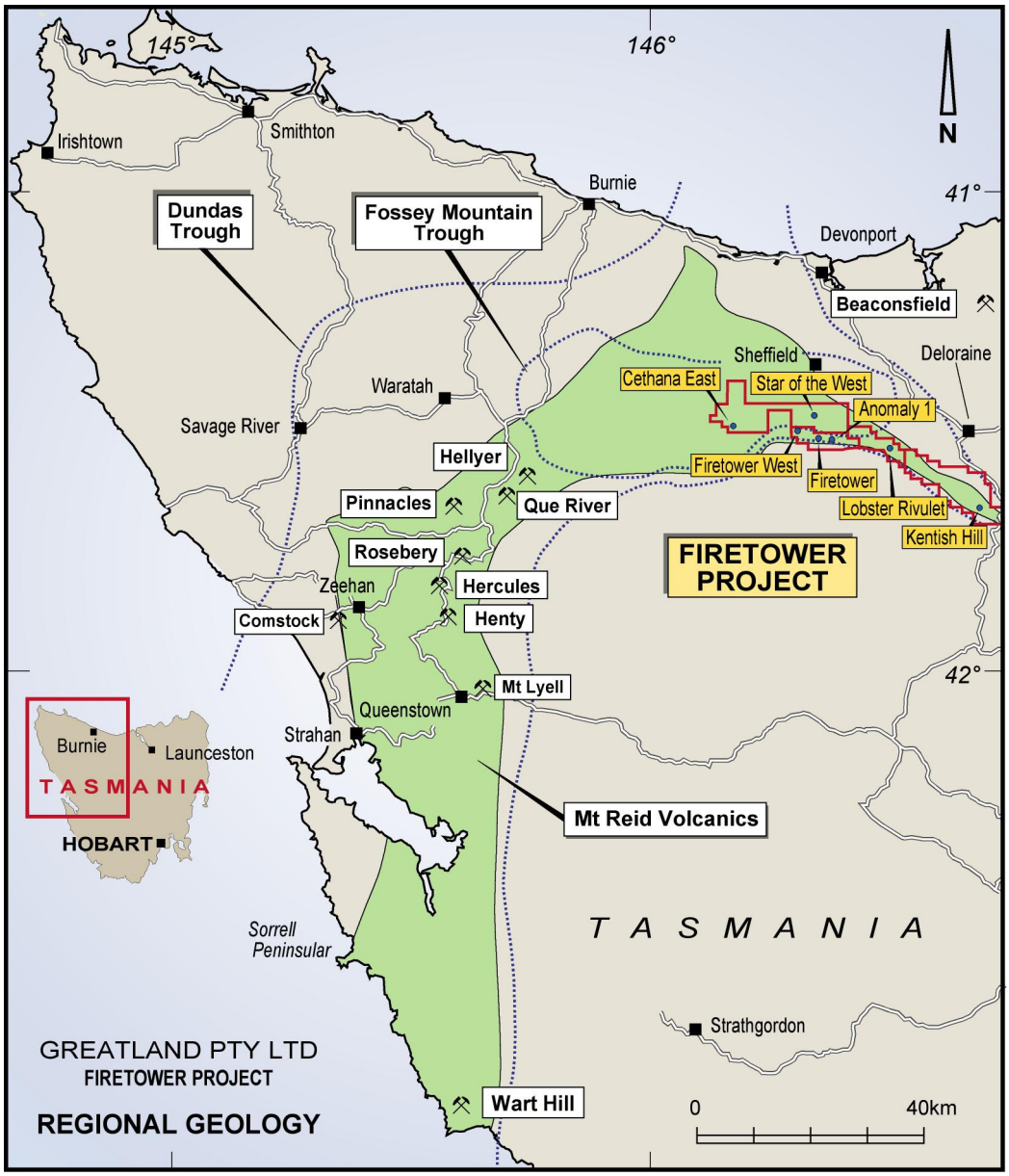


Figure 2 – Regional Geology

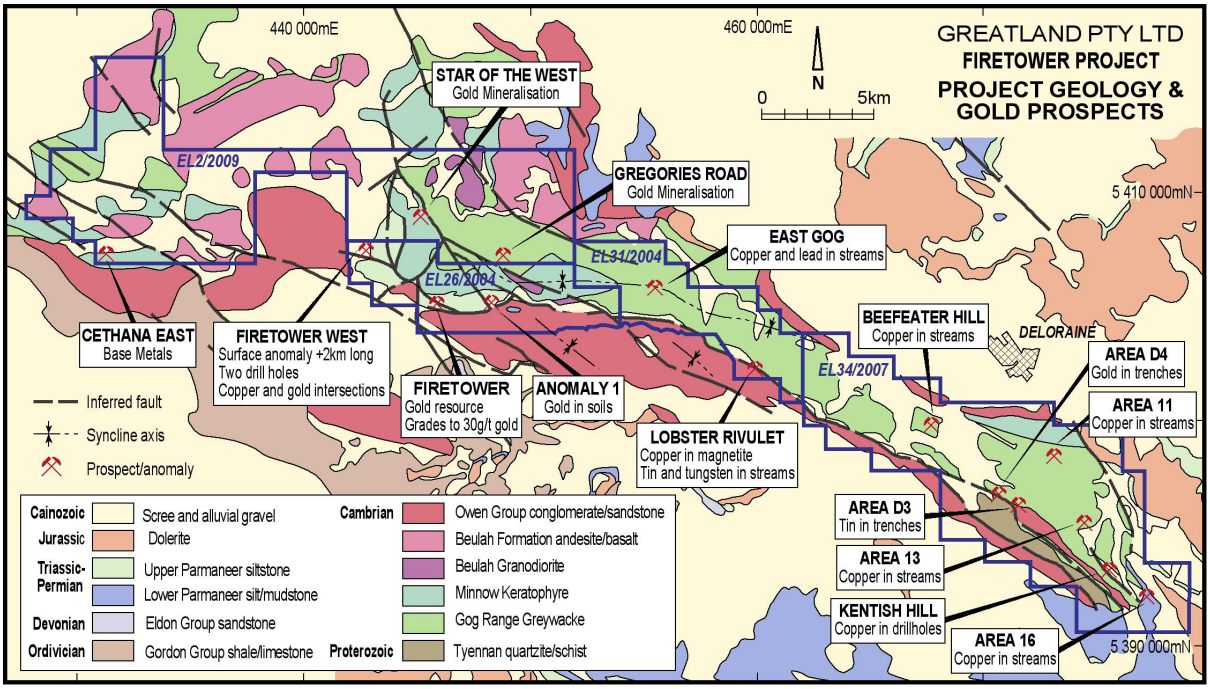
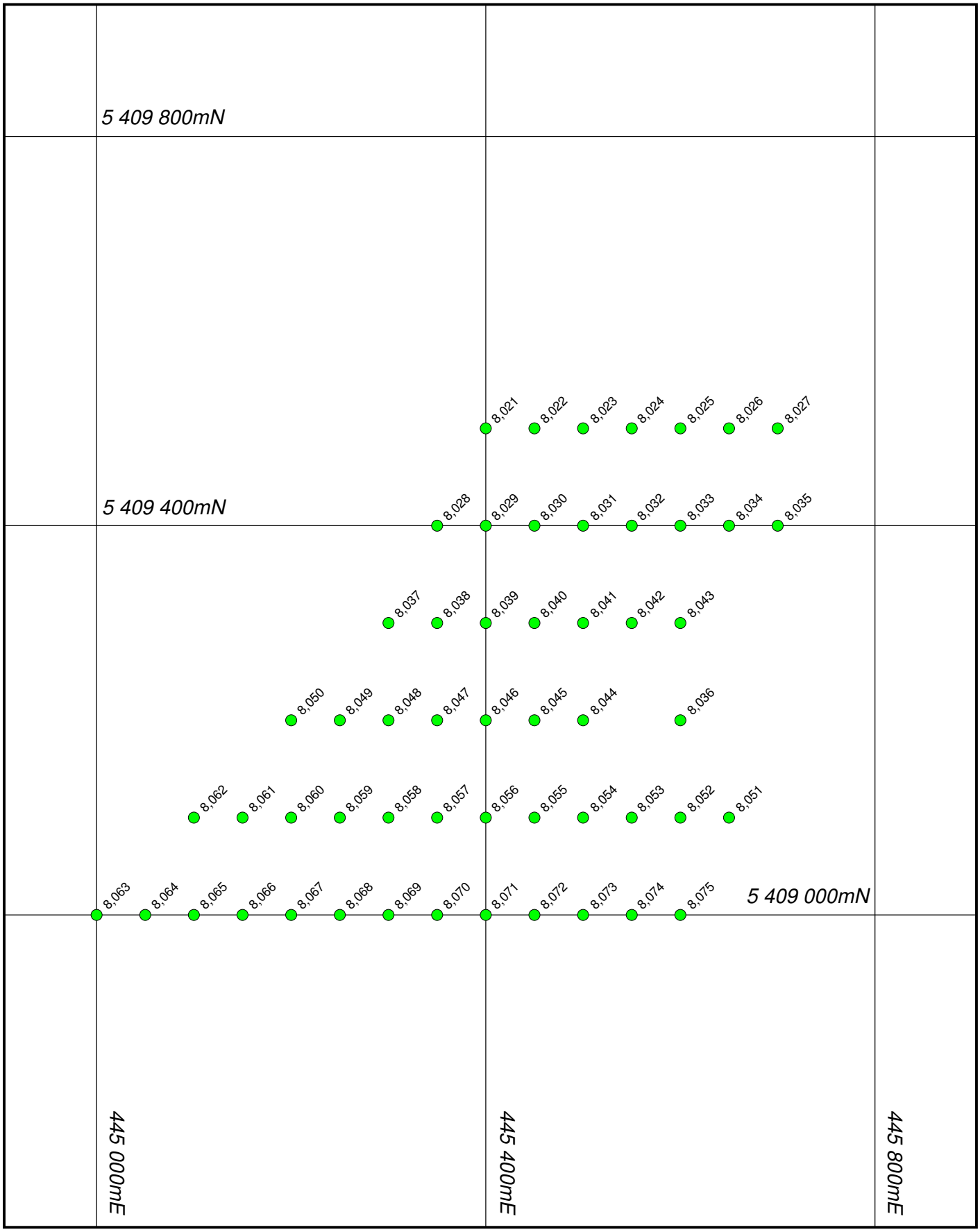


Figure 3 – Project Geology



AGD66-ZONE55

N

0 320m

GREATLAND PTY LTD

EL02/2009 BEULAH

Soil Samples Star of the West

Figure 4

APPENDIX I

Soil Sample Data

Data Template
Soils

H0100	Tenement No/Combined Report No	EL02/2009
H0101	Tenement Holder	Greatland Pty Ltd
H0102	Tenement Operator	Greatland Pty Ltd
H0103	Project Name	Firetower
H0104	250K Map Sheet	SK55-20
H0105	100K Map Sheet	8115
H0200	Start Date of Data Acquisition	Jun-09
H0201	End Date of Data Acquisition	Jun-10
H0202	Data Format	SG2
H0203	Number of Data Records	55
H0204	Date of Metadata Update	Jul-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	Handheld GPS
H0506	Surveying Company	Greatland Pty Ltd
H0600	Sample Code	Soil
H0601	Sample Type	Soil
H0602	Sample Description	180micron
H0700	Sample Prep Code	SSMG
H0701	Sample Prep Details	75micron
H0702	Job No	1005858
H0800	Assay Code	B/EETA B/AAS B/MS
H0801	Assay Company	Genalysis Laboratories
H0802	Assay Description	Aqua Regia digest - AAS/MS read
H0900	Remarks	below detection -1 no data -999

Soil Samples

Sample_ID	Sample_Type	Mesh	AMG_East	AMG_North	Datum_Zone	Au_ppb	Ag_ppm	As_ppm	Bi_ppm	Co_ppm	Cu_ppm	Pb_ppm	Sb_ppm	W_ppm	Zn_ppm
8021	Soil	80mesh	445400	5409500	AGD66-55	0.8	-1	3	0.12	10.6	15	27	0.23	-1	27
8022	Soil	80mesh	445450	5409500	AGD66-55	3.6	0.05	4	0.14	4.5	16	14	0.16	-1	19
8023	Soil	80mesh	445500	5409500	AGD66-55	2.2	-1	6	0.17	6.8	25	22	0.19	-1	21
8024	Soil	80mesh	445550	5409500	AGD66-55	0.5	-1	5	0.11	1.7	11	7	0.16	-1	11
8025	Soil	80mesh	445600	5409500	AGD66-55	0.6	-1	4	0.1	2.4	8	10	0.22	-1	14
8026	Soil	80mesh	445650	5409500	AGD66-55	0.4	-1	3	0.05	2.5	5	3	0.37	-1	6
8027	Soil	80mesh	445700	5409500	AGD66-55	1	-1	7	0.13	10.8	22	12	0.44	0.05	25
8028	Soil	80mesh	445350	5409400	AGD66-55	0.9	-1	7	0.24	7.3	40	17	0.3	-1	17
8029	Soil	80mesh	445400	5409400	AGD66-55	1	0.38	5	0.18	4.9	28	12	0.22	-1	21
8030	Soil	80mesh	445450	5409400	AGD66-55	0.7	-1	1	0.08	0.8	3	5	0.08	-1	9
8031	Soil	80mesh	445500	5409400	AGD66-55	1	0.12	6	0.18	32.1	36	37	0.53	-1	79
8032	Soil	80mesh	445550	5409400	AGD66-55	2.4	0.06	6	0.17	3.7	32	13	0.43	-1	77
8033	Soil	80mesh	445600	5409400	AGD66-55	1.1	-1	6	0.23	5.3	21	10	0.47	-1	15
8034	Soil	80mesh	445650	5409400	AGD66-55	0.9	-1	4	0.15	2.4	20	6	0.49	-1	12
8035	Soil	80mesh	445700	5409400	AGD66-55	1.1	0.06	9	0.13	52.6	35	16	0.33	-1	36
8037	Soil	80mesh	445300	5409300	AGD66-55	0.7	-1	5	0.16	1.8	17	7	0.33	-1	13
8038	Soil	80mesh	445350	5409300	AGD66-55	6.2	-1	9	0.87	1.6	13	22	0.32	-1	22
8039	Soil	80mesh	445400	5409300	AGD66-55	2.1	0.06	2	0.08	4.5	7	50	0.13	-1	45
8040	Soil	80mesh	445450	5409300	AGD66-55	1	-1	3	0.14	2.1	15	13	0.18	-1	16
8041	Soil	80mesh	445500	5409300	AGD66-55	0.6	-1	2	0.1	1.1	6	8	0.15	-1	11
8042	Soil	80mesh	445550	5409300	AGD66-55	0.5	-1	6	0.12	4.6	12	15	0.26	0.05	13
8043	Soil	80mesh	445600	5409300	AGD66-55	0.5	-1	5	0.17	20	28	25	0.33	-1	13
8050	Soil	80mesh	445200	5409200	AGD66-55	0.7	-1	8	0.17	7.1	34	19	0.41	-1	22
8049	Soil	80mesh	445250	5409200	AGD66-55	0.6	0.09	7	0.22	3.2	30	22	0.47	-1	16
8048	Soil	80mesh	445300	5409200	AGD66-55	0.7	0.09	8	0.18	3.1	38	17	0.52	-1	21
8047	Soil	80mesh	445350	5409200	AGD66-55	0.2	0.05	3	0.11	1.8	6	29	0.24	-1	21
8046	Soil	80mesh	445400	5409200	AGD66-55	5.3	0.06	2	0.05	0.9	2	10	0.16	-1	20
8045	Soil	80mesh	445450	5409200	AGD66-55	0.6	-1	1	0.03	0.8	3	13	0.1	-1	16
8044	Soil	80mesh	445500	5409200	AGD66-55	0.5	0.05	3	0.05	2.6	8	12	0.2	-1	25
8036	Soil	80mesh	445600	5409200	AGD66-55	0.9	0.1	5	0.14	1.7	8	20	0.29	-1	25
8051	Soil	80mesh	445650	5409100	AGD66-55	0.4	0.09	5	0.11	2.3	6	22	0.19	-1	18
8052	Soil	80mesh	445600	5409100	AGD66-55	0.2	0.08	5	0.09	1.1	7	12	0.19	-1	16
8053	Soil	80mesh	445550	5409100	AGD66-55	0.3	0.08	7	0.16	3.1	23	16	0.28	-1	27
8054	Soil	80mesh	445500	5409100	AGD66-55	0.5	0.1	3	0.09	1.3	8	9	0.12	-1	13
8055	Soil	80mesh	445450	5409100	AGD66-55	1.2	0.12	13	0.16	11.7	41	16	0.26	-1	28
8056	Soil	80mesh	445400	5409100	AGD66-55	0.4	0.1	5	0.13	1.2	11	13	0.13	-1	18
8057	Soil	80mesh	445350	5409100	AGD66-55	0.4	0.08	6	0.11	2	8	11	0.14	0.07	13
8058	Soil	80mesh	445300	5409100	AGD66-55	0.1	0.15	4	0.07	1.8	6	13	0.13	-1	17
8059	Soil	80mesh	445250	5409100	AGD66-55	0.2	0.07	3	0.07	1.3	4	7	0.11	-1	15
8060	Soil	80mesh	445200	5409100	AGD66-55	0.3	-1	2	0.08	0.8	3	5	0.07	-1	10
8061	Soil	80mesh	445150	5409100	AGD66-55	0.2	0.07	4	0.1	1.9	2	22	0.15	-1	24
8062	Soil	80mesh	445100	5409100	AGD66-55	0.2	-1	1	0.06	0.6	-1	8	0.09	-1	18
8063	Soil	80mesh	445000	5409000	AGD66-55	0.4	-1	1	0.05	0.4	-1	9	0.05	-1	14
8064	Soil	80mesh	445050	5409000	AGD66-55	0.9	0.21	3	0.1	2.1	2	66	0.09	-1	78
8065	Soil	80mesh	445100	5409000	AGD66-55	0.2	-1	3	0.1	1	3	3	0.07	-1	53

Soil Samples

Sample_ID	Sample_Type	Mesh	AMG_East	AMG_North	Datum_Zone	Au_ppb	Ag_ppm	As_ppm	Bi_ppm	Co_ppm	Cu_ppm	Pb_ppm	Sb_ppm	W_ppm	Zn_ppm
8066	Soil	80mesh	445150	5409000	AGD66-55	0.2	0.19	3	0.1	2.3	4	25	0.11	0.08	31
8067	Soil	80mesh	445200	5409000	AGD66-55	0.2	0.12	3	0.11	2.4	5	28	0.12	-1	24
8068	Soil	80mesh	445250	5409000	AGD66-55	0.5	0.17	3	0.11	3.5	7	24	0.12	-1	30
8069	Soil	80mesh	445300	5409000	AGD66-55	0.2	0.09	3	0.07	2.1	5	9	0.09	-1	17
8070	Soil	80mesh	445350	5409000	AGD66-55	0.2	0.11	1	0.09	1.8	4	10	0.09	-1	18
8071	Soil	80mesh	445400	5409000	AGD66-55	0.4	0.1	2	0.1	2.4	5	12	0.1	-1	24
8072	Soil	80mesh	445450	5409000	AGD66-55	0.5	0.08	-1	0.09	0.8	2	7	0.06	-1	7
8073	Soil	80mesh	445500	5409000	AGD66-55	0.2	0.13	3	0.12	1	6	14	0.13	-1	15
8074	Soil	80mesh	445550	5409000	AGD66-55	1.2	0.06	4	0.2	1.5	19	18	0.26	-1	27
8075	Soil	80mesh	445600	5409000	AGD66-55	0.4	0.05	2	0.09	0.7	6	9	0.11	-1	11