

Partial Surrender Report
for EL30/2004 Warrentinna
for the Period 26 November 2004 to 25 November 2013

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Date: November 2013

ABSTRACT

EL30/2004 Warrentinna is located 60km north-east of Launceston in north-east Tasmania and covers Mathinna Group meta-sediments. The company's main focus was gold mineralisation.

Work completed during the period in the area surrendered comprised soil sampling and rock chip sampling.

KEYWORDS

Geology/Mineralisation

Mathinna Group

Minerals

Gold

Deposits/Occurrences

Waterhouse

COORDINATES

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

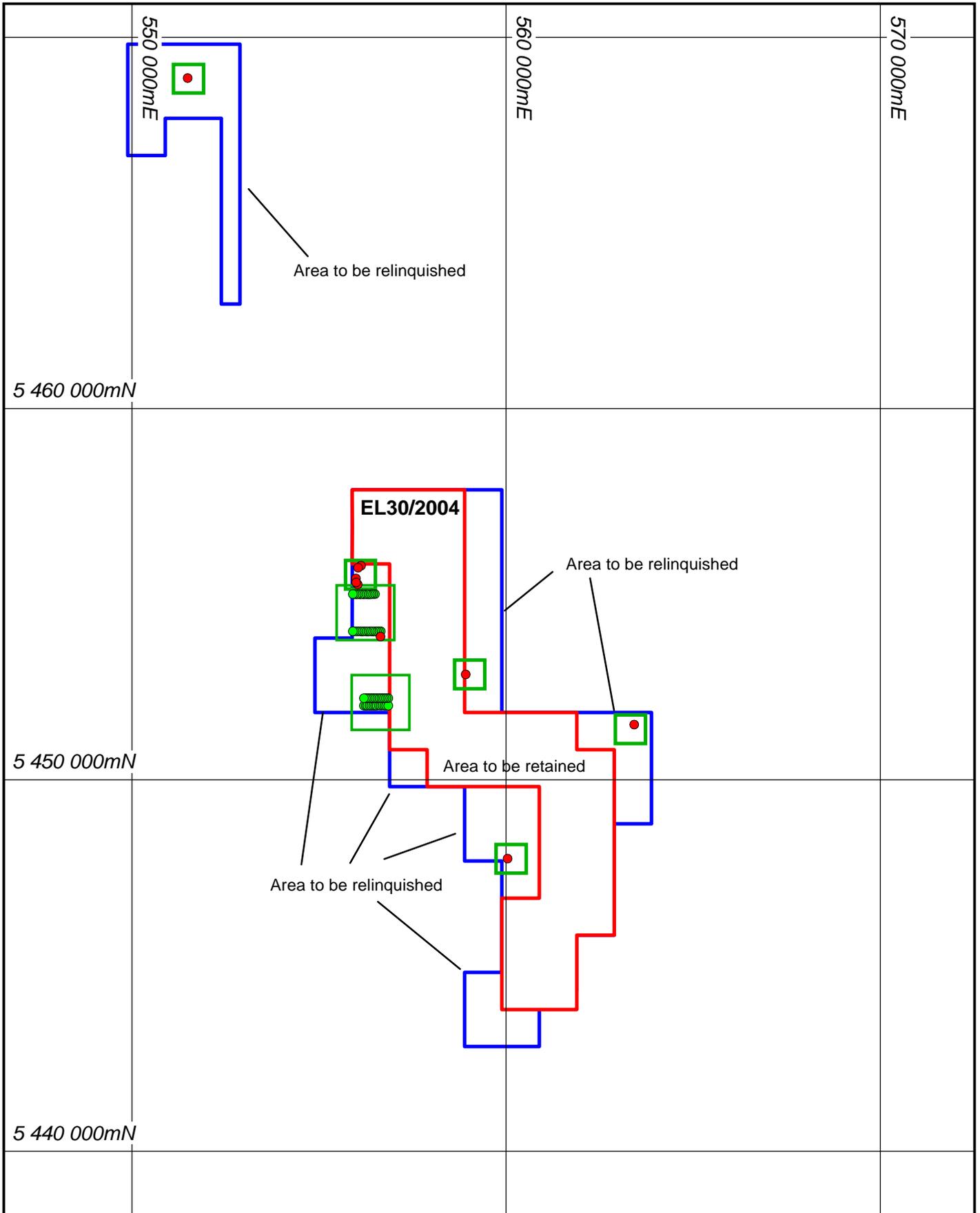
All AMG co-ordinates in this report refer to the AGD66 Datum - Zone55

FILE SUMMARY LIST

File Name	Format	Contents
el302004_201311_01_report	pdf	report
el302004_201311_02_geochem	txt	data
el302004_201311_03_geochem	txt	data
el302004_201311_04_geochem	txt	data

SUMMARY OF ACTIVITIES FOR PARTIAL SURRENDER OF EL30/2004 WARRENTINNA FOR THE PERIOD 26 NOVEMBER 2004 TO 25 NOVEMBER 2013

- Rock Chip Sampling
- Soil Sampling



AGD66-ZONE55

LEGEND

-  Rock Chip Sampling
-  Soil Sampling

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 EL30/2004 WARRENTINNA
 Exploration Index Map



CONTENTS

	page
1.0 Introduction	1
2.0 Tenement Details	1
3.0 Location and Access	1
4.0 Geology and Mineralisation	2
5.0 Previous Exploration	2
6.0 Work Carried Out During the Tenure Period	3
7.0 Conclusions	4
References	4

FIGURES

Figure 1	Project Location Map	in text
Figure 2	Regional Geology	in text
Figure 3	Project Geology	in text
Figure 4	Rock Chip Samples	in text
Figure 5	Soil Samples	in text

TABLES

Table 1	Tenement Details	1
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APPENDICES

Appendix I	Rock Chip Sample Data
Appendix II	Soil Sample Data a
Appendix III	Soil Sample Data b

1.0 Introduction

This report details the exploration activities completed within the surrendered area of EL30/2004 during the period 26 November 2004 to 25 November 2013. The lease is located 60km north-east of Launceston in north-east Tasmania.

The surrendered tenement area covers Mathinna Group meta-sediments. The company's main focus was gold mineralisation.

Work completed during the period comprised rock chip sampling and soil sampling.

2.0 Tenement Details

EL30/2004 Warrentinna was applied for by Greatland Pty Ltd during April 2004 and was granted during November 2004. The surrendered area covers 34 square kilometres. Tenement details are shown in Table 1.

Table 1 – Tenement Details

Tenement	Holder	Date Applied	Date Granted	Surrendered Area
EL30/2004 Warrentinna	Greatland Pty Ltd 100%	5 Apr 2004	26 Nov 2004	34km ²

3.0 Location and Access

EL30/2004 Warrentinna is located 60km north-east of Launceston in north-east Tasmania (Figure 1). It lies some 20km north-east of the town of Scottsdale. The tenement forms the south and eastern parts of the Company's Warrentinna project (Figure 2). The bulk of land within the

tenement is logged state forest, with only the northern and southern extremities covering private farming land.

The project lies within the Tasmania NE (SK55-21) 1:250,000 map sheet, and straddles the 1:100,000 map sheets of Forester (8415) and Cape Portland (8416).

From Launceston, access to the project area is by sealed road to Branxholm via Scottsdale, then into the tenements via the formed Warrentinna-Forester road. Logging tracks and local roads provide good access within the project area.

4.0 Geology and Mineralisation

The Warrentinna project area covers Mathinna Group rocks (Figure 3) which comprise metamorphosed sandstones, siltstones and mudstones of late Cambrian to Early Devonian age. The Mathinna Group metasediments, together with intrusive Devonian granites, cover much of the north eastern parts of Tasmania and are considered to be equivalent to rocks of the Melbourne Trough which host the bulk of Victoria's gold mineralisation. Goldfields in north eastern Tasmania hosted by the Mathinna group or adjacent rocks of the same age include Beaconsfield, Lefroy, Mangana, Mathinna, Alberton, Warrentinna, Forester, Waterhouse, Scamander and Portland (Figure 2). The Waterhouse occurrence falls within the area surrendered.

5.0 Previous Exploration

Previous exploration activities in the area surrendered was carried out by Texins Development Pty Ltd (Rattigan, 1969), Australian Anglo American Ltd (Shaw, 1985), Billiton Australia Ltd (Randell, 1991), Herald Resources Ltd

(Turner, 1996) and Tasmania Department of Mines (Mineral Resources Tasmania, 2006).

Relevant aeromagnetic and radiometric surveys were flown by Placeco Australia Pty Ltd in 1987 (Davidson and Hofto, 1988) and the Tasmanian Geological Survey in 2007. Interpretation of the data sets was completed by Leaman (1994) and Godbear (2008).

The reader is referred to these reports.

6.0 Work Carried Out During the Tenure Period

Work completed during the tenure period in the area surrendered comprised rock chip sampling and soil sampling.

Rock Chip Sampling

A total of 10 rock chip samples were collected from the surrendered area; most being grab samples. Highest gold result returned was 210ppb. All analytical details and results are presented in Appendix I. Sample locations are shown in Figure 4.

Soil Sampling

A total of 57 soil samples were collected from the surrendered area. Samples were collected over a series of traverses at 50m spacing. Material was taken from a depth of around 150mm, and coarse screened to -2mm; approximately 2kg of -10mm material was collected at each site.

Highest gold result returned was 3ppb. All analytical details and results are presented in Appendix II and Appendix III. Sample locations are shown in Figure 5.

7.0 Conclusions

EL30/2004 Warrentinna is located 60km north-east of Launceston in north-east Tasmania and covers Mathinna Group meta-sediments. The company's main focus was gold mineralisation.

Work completed during the period in the area surrendered comprised rock chip sampling and soil sampling.

References

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Turner, N.J., 1996. Annual Report 1994-95 Warrentinna EL25/94. Herald Resources Ltd, pp17. TCR96_3859. (unpublished)

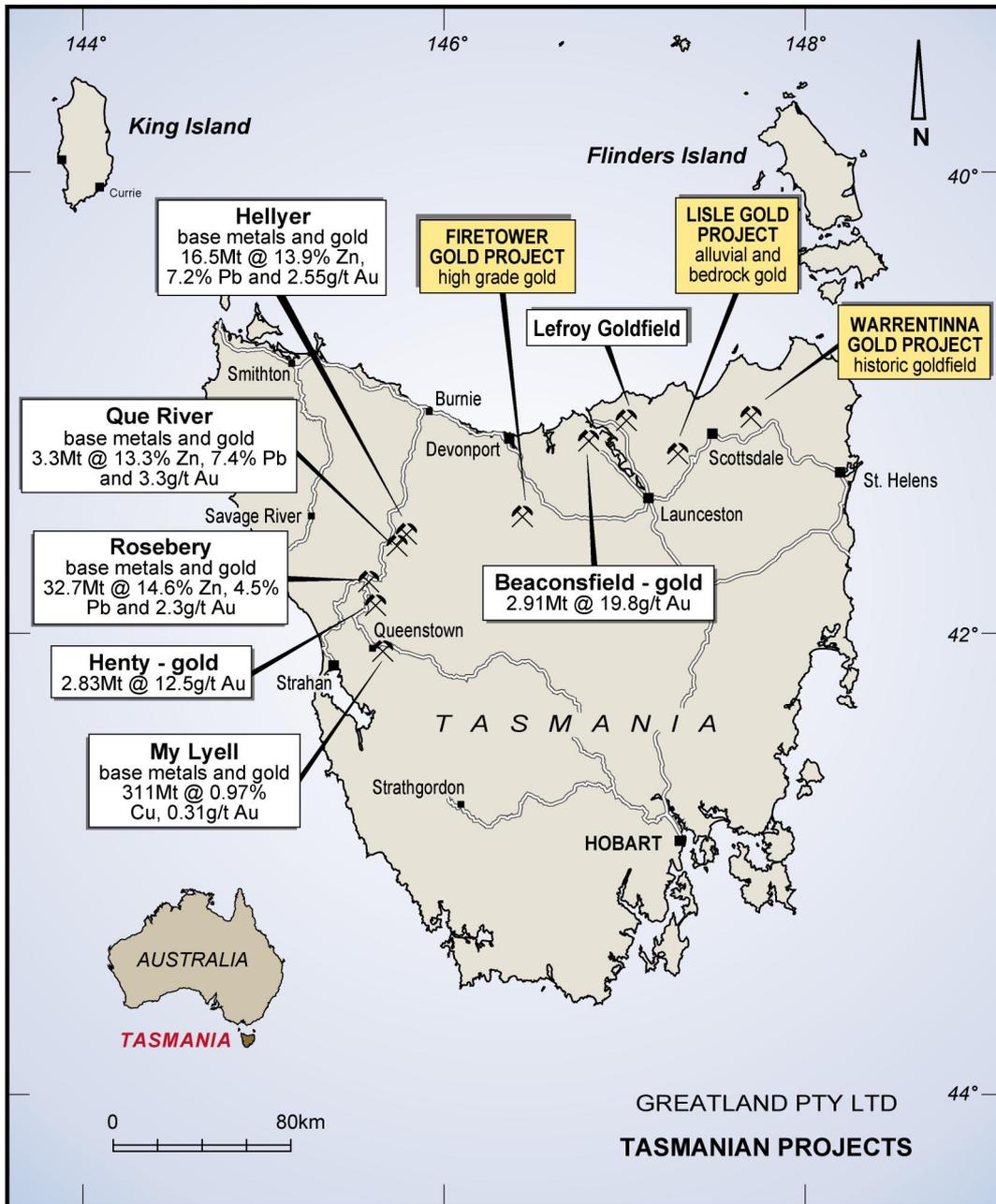


Figure 1 – Project Location Map

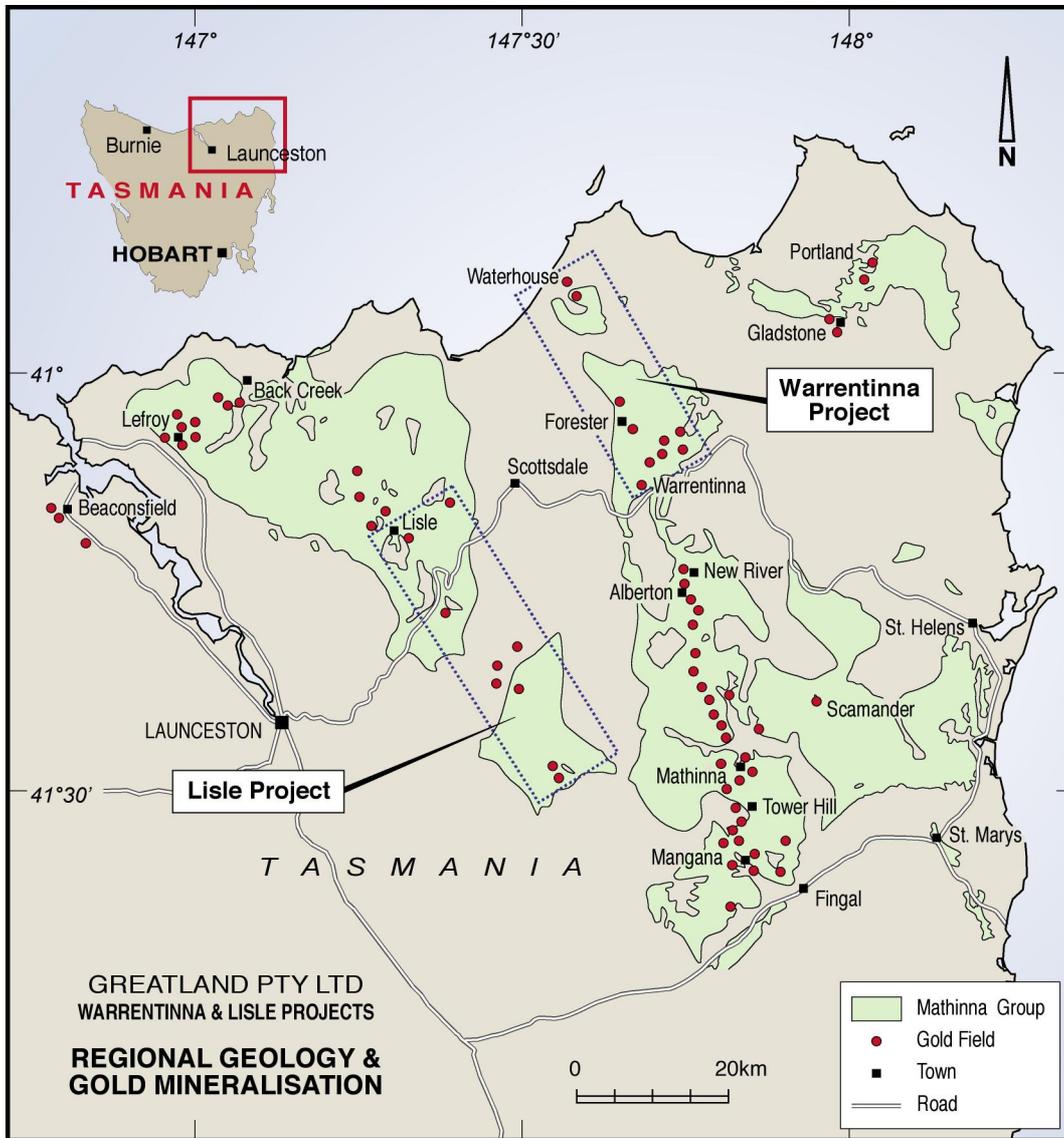


Figure 2 – Regional Geology

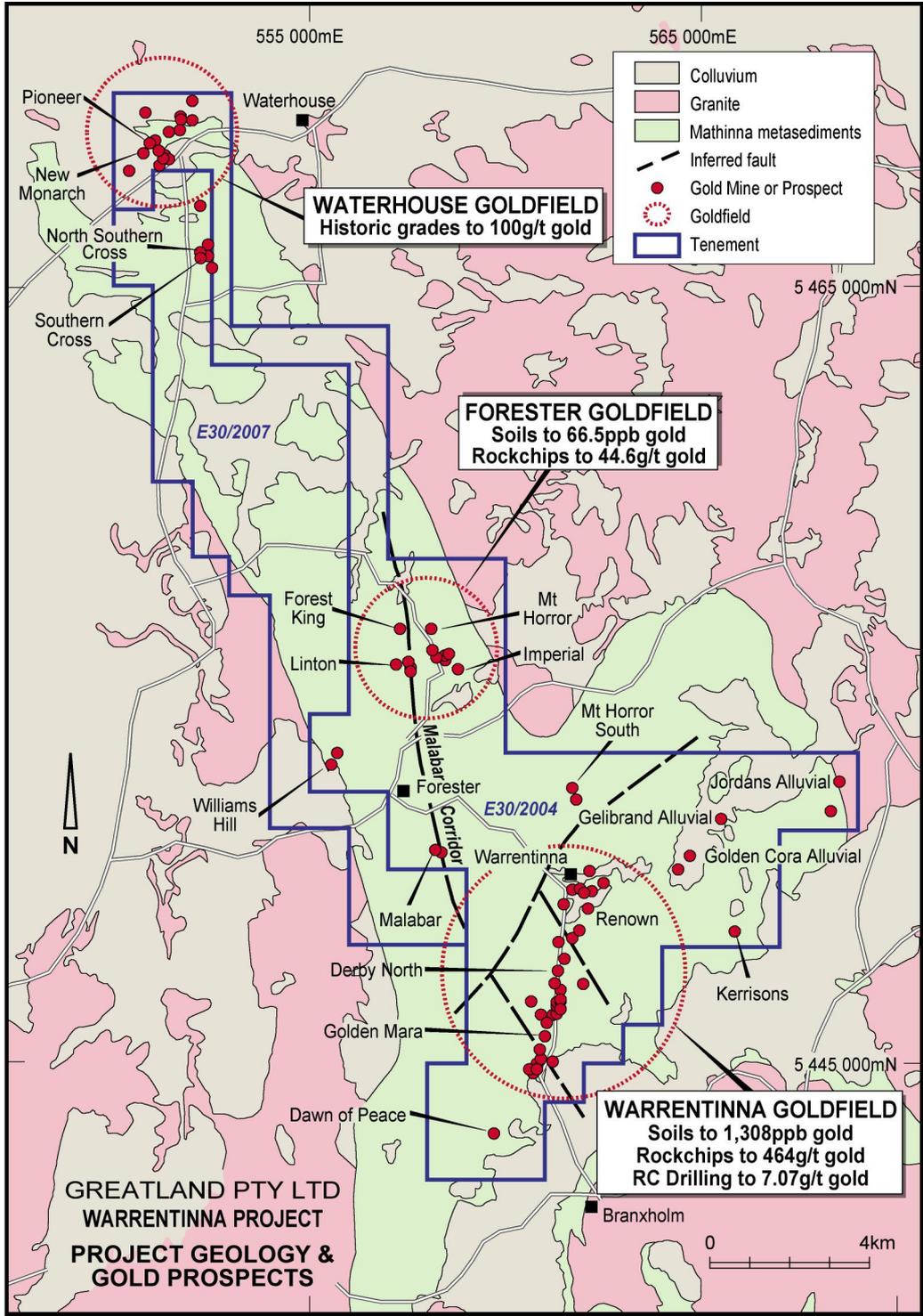
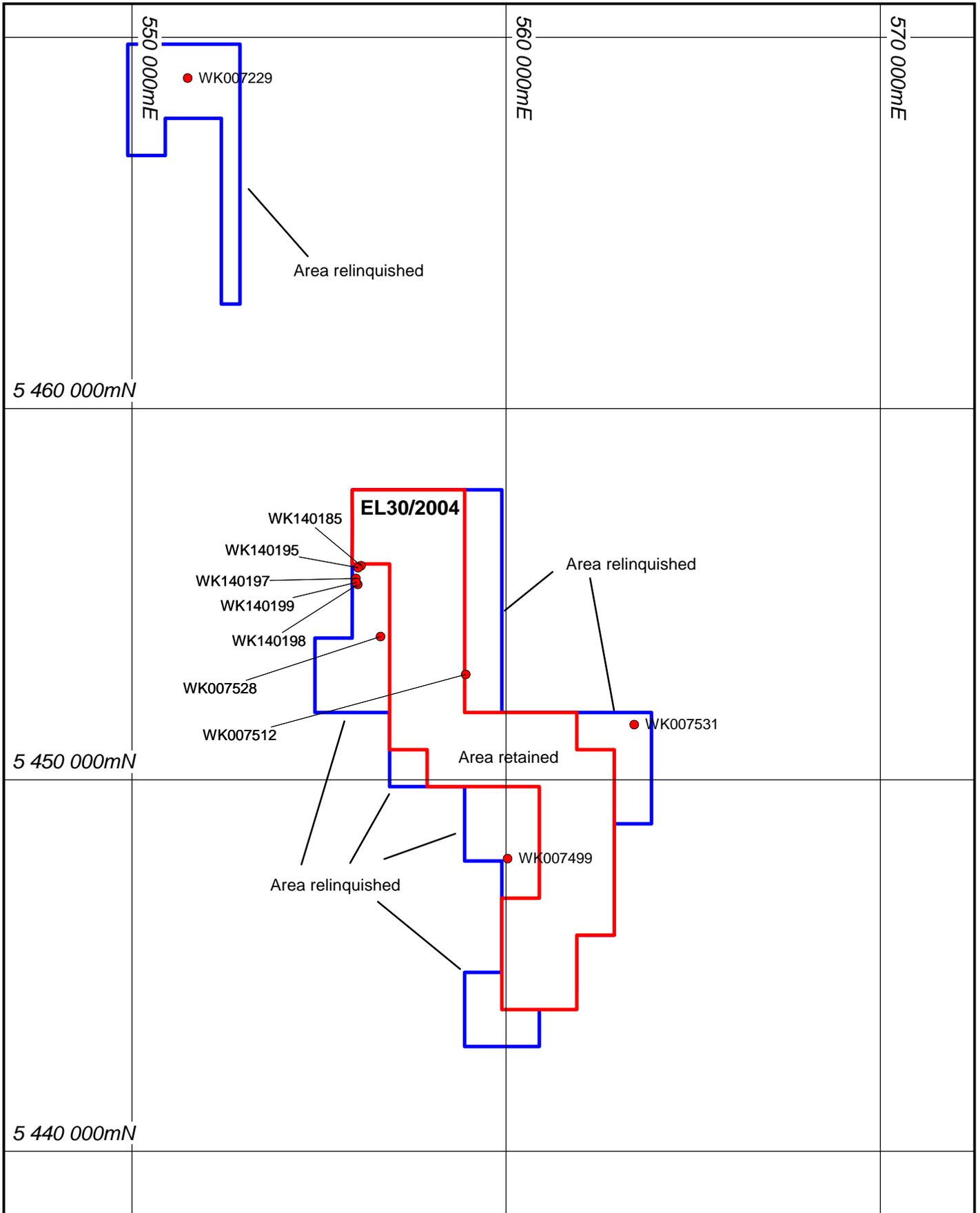


Figure 3 – Project Geology



AGD66-ZONE55

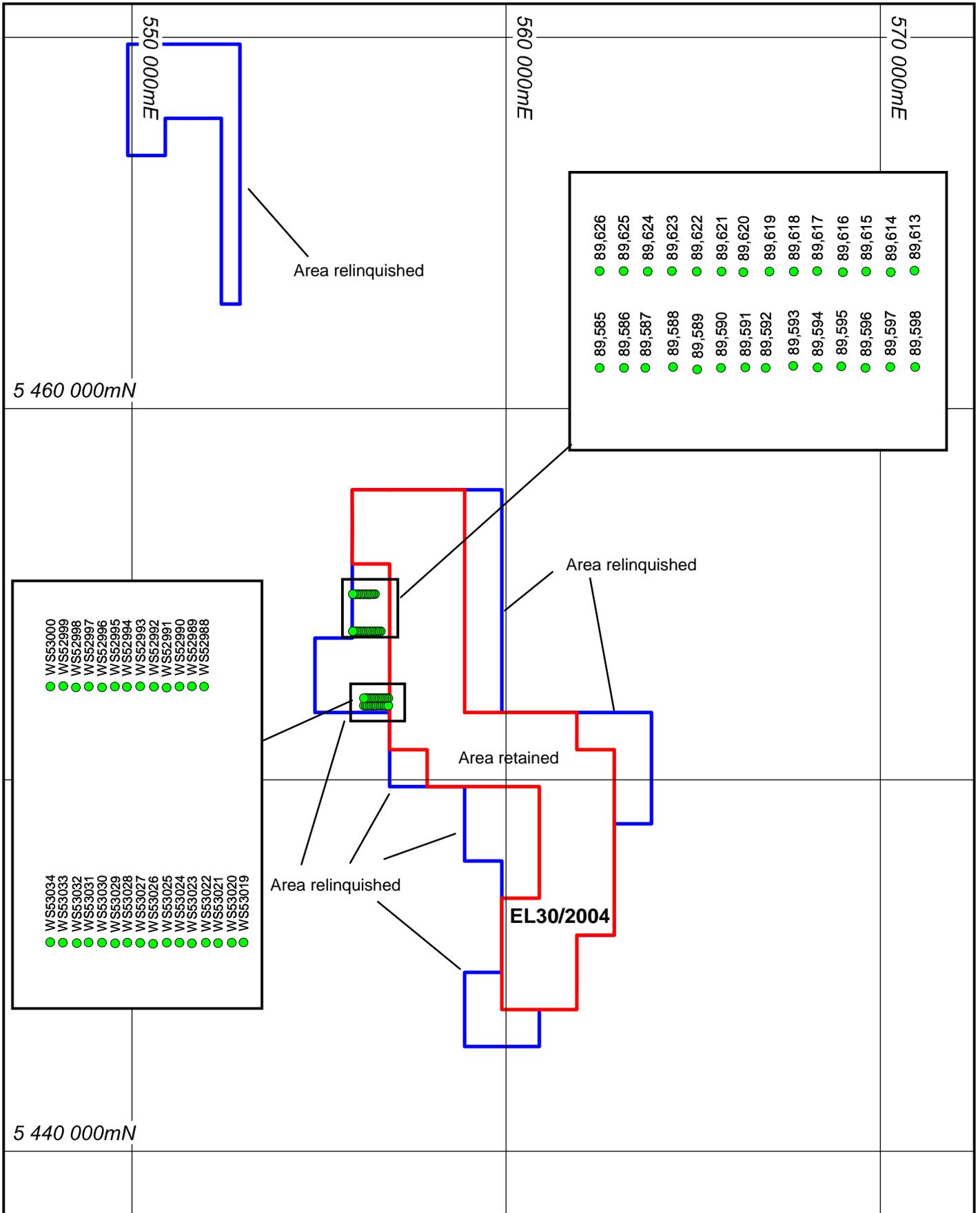


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GREATLAND PTY LTD
 EL30/2004 WARRENTINNA
 Rock Chip Samples

Figure 4



5 460 000mN

550 000mE

560 000mE

570 000mE

Area relinquished

- 89,585
- 89,586
- 89,587
- 89,588
- 89,589
- 89,590
- 89,591
- 89,592
- 89,593
- 89,594
- 89,595
- 89,596
- 89,597
- 89,598
- 89,626
- 89,625
- 89,624
- 89,623
- 89,622
- 89,621
- 89,620
- 89,619
- 89,618
- 89,617
- 89,616
- 89,615
- 89,614
- 89,613

- WS53000
- WS52999
- WS52998
- WS52997
- WS52996
- WS52995
- WS52994
- WS52993
- WS52992
- WS52991
- WS52990
- WS52989
- WS52988

- WS53034
- WS53033
- WS53032
- WS53031
- WS53030
- WS53029
- WS53028
- WS53027
- WS53026
- WS53025
- WS53024
- WS53023
- WS53022
- WS53021
- WS53020
- WS53019

Area relinquished

Area retained

Area relinquished

EL30/2004

5 440 000mN

AGD66-ZONE55

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EL30/2004 WARRENTINNA

Soil Samples



Figure 5

APPENDIX I

Rock Chip Sample Data

APPENDIX II

Soil Sample Data a

H0100 Tenement EL30/2004
 H0101 Tenement Greatland Pty Ltd
 H0102 Tenement Greatland Pty Ltd
 H0103 Project NarWarrentinna
 H0104 250K Map :SK55-21
 H0105 100K Map : 8415 8416
 H0200 Start Date : Nov-04
 H0201 End Date o Nov-13
 H0202 Data Form:SG2
 H0203 Number of 28
 H0204 Date of Me Nov-13
 H0500 Feature Lo:Sample Point
 H0501 Geodetic DAGD66
 H0502 Vertical Da N/A
 H0503 Projection AMG
 H0504 Projection 55
 H0505 Surveying I Handheld GPS
 H0506 Surveying (Greatland Pty Ltd
 H0600 Sample Co:Soil
 H0601 Sample Ty:Soil
 H0602 Sample De:180micron
 H0700 Sample Pre:SSMG
 H0701 Sample Pre:75micron
 H0702 Job No 904386 904387
 H0800 Assay Code:B/EETA B/AAS B/MS
 H0801 Assay Com Genalysis Laboratories
 H0802 Assay Desc Aqua Regia digest - AAS/MS read
 H0900 Remarks below detection = X

H1000	Sample No	AMG East	AMG North	Datum	Zone	Au	Ag	As	Bi	Co	Cu	Pb	Sb	W	Zn	
H1001	metres	metres				ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
H1002						EETA	MS	MS	MS	MS	AAS	MS	MS	MS	AAS	
H1003	1	1					0.1	0.05	1	0.01	0.1	1	1	0.02	0.05	1
D	89585	556201	5452000	AGD66	55	0.5 X			2	0.09	1.2	4	5	0.27 X		14
D	89586	556251	5452000	AGD66	55	0.5 X			5	0.18	1.5	8	8	0.38 X		22
D	89587	556295	5452000	AGD66	55	0.9 X			3	0.15	1	4	5	0.23 X		12
D	89588	556352	5452002	AGD66	55	0.8 X			2	0.12	0.4	2	5	0.11 X		11
D	89589	556402	5451997	AGD66	55	0.5 X			2	0.1	1	6	6	0.1	0.08	20
D	89590	556451	5452000	AGD66	55	0.5 X			3	0.19	1.1	9	10	0.11	0.05	13
D	89591	556501	5452001	AGD66	55	0.5 X			2	0.19	1.4	7	12	0.06 X		11
D	89592	556543	5452000	AGD66	55	0.8 X			2	0.18	0.8	6	9	0.09 X		12
D	89593	556600	5452004	AGD66	55	0.7 X			2	0.19	1.4	7	8	0.05 X		7
D	89594	556650	5452001	AGD66	55	1	0.12		5	0.18	6	10	10	0.28	0.6	44
D	89595	556699	5452003	AGD66	55	0.7	0.15		4	0.18	7.1	18	10	0.28	0.62	31
D	89596	556749	5452000	AGD66	55	1.1	0.08		4	0.16	2.5	6	7	0.19	0.18	17
D	89597	556800	5452002	AGD66	55	1.3	0.07		4	0.24	2.8	7	10	0.28	0.16	20
D	89598	556851	5452002	AGD66	55	1 X			3	0.19	0.7	2	7	0.21	0.09	14
D	89613	556850	5452202	AGD66	55	1.2 X			72	0.34	0.6	6	11	0.14	0.05	11
D	89614	556801	5452199	AGD66	55	1 X			5	0.32	0.6	8	15	0.19	0.05	9
D	89615	556750	5452200	AGD66	55	1.7 X			6	0.27	0.7	7	9	0.12 X		14
D	89616	556702	5452199	AGD66	55	0.8 X			6	0.28	1.7	11	11	0.16	0.05	18
D	89617	556649	5452201	AGD66	55	1 X			7	0.32	2.6	10	11	0.13	0.05	13
D	89618	556601	5452200	AGD66	55	0.7 X			1	0.2	1.4	6	8	0.15 X		14
D	89619	556551	5452200	AGD66	55	1 X	X			0.08	1	4	3	0.04	0.06	6
D	89620	556497	5452199	AGD66	55	1.8 X	X			0.07	0.3 X		3	0.02 X		6
D	89621	556452	5452200	AGD66	55	0.5 X	X			0.08	1	4	5	0.05 X		7
D	89622	556401	5452200	AGD66	55	0.9 X	X			0.07	0.6	3	4	0.07 X		8
D	89623	556350	5452201	AGD66	55	1.1 X			1	0.12	1.8	4	5	0.12 X		15
D	89624	556300	5452200	AGD66	55	1.3 X			2	0.13	1.4	4	6	0.25	0.13	14
D	89625	556250	5452201	AGD66	55	1.6 X			1	0.15	1.4	4	6	0.2 X		11
D	89626	556201	5452201	AGD66	55	1.8 X			2	0.14	0.6	2	7	0.25 X		9

EOF

APPENDIX III

Soil Sample Data b

H0100 Tenement EL30/2004
H0101 Tenement Greatland Pty Ltd
H0102 Tenement Greatland Pty Ltd
H0103 Project Nai Warrentinna
H0104 250K Map SK55-21
H0105 100K Map 8415 8416
H0200 Start Date Nov-04
H0201 End Date o Nov-13
H0202 Data Form:SG2
H0203 Number of 29
H0204 Date of Me Nov-13
H0500 Feature Lo Sample Point
H0501 Geodetic DAGD66
H0502 Vertical Da N/A
H0503 Projection AMG
H0504 Projection 55
H0505 Surveying I Handheld GPS
H0506 Surveying I Greatland Pty Ltd

H0600 Sample Coisoll
H0601 Sample Tysoil
H0602 Sample De soil
H0700 Sample Pressmg
H0701 Sample Pre 75micron
H0702 Job No 1201624
H0800 Assay Cod AR10/GF AR10/OE
H0801 Assay Com Genalysis Laboratories
H0802 Assay Desc Aqua Regia AAS OES
H0900 Remarks below detection = X

H1000	Sample No	East	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											
H1002		1	1			1	0.5	20	5	2	2	0.01	0.5	20	1	2	1	0.01	20	0.01	0.01	1	1	0.01	1	20	1	2	1	1	2	5	2	2	2	1
H1003						AR10/GF	AR10/OE																													
D	W552988	556496	5455001	AGD66		55 X	X	6866 X	41 X	52 X	0.06 X	77	3	39	8	1.05	1347 X	0.03	63 X	0.04	3	45	5 X	X	7 X	185 X	13 X	12								
D	W552989	556449	5455002	AGD66		55 X	X	18691 X	51 X	0.06 X	90	3	32	16	2.35	1447 X	0.06	46 X	0.05	31 X	0.05	4	72	5 X	1	14 X	59 X	23 X	12							
D	W552990	556401	5455001	AGD66		55 X	X	12648	5	51 X	0.06 X	90	3	26	11	1.62	2016 X	0.05	31 X	0.05	4	72	5 X	X	8 X	21 X	18 X	7								
D	W552991	556351	5454997	AGD66		55 X	X	10929	5	28 X	0.03 X	87	2	17	7	1.86	969 X	0.03	22 X	0.03	3	74	5 X	X	5 X	20 X	19 X	6								
D	W552992	556302	5455000	AGD66		55 X	X	9112	8	36 X	0.07 X	93	3	20	8	1.16	1301 X	0.04	23 X	0.05	3	84	7 X	X	10 X	13 X	13 X	9								
D	W552993	556249	5455002	AGD66		55	1 X	20258	14	46 X	0.04 X	85	2	29	9	2.97	1501 X	0.07	32 X	0.04	4	64	9 X	2	8 X	16 X	23 X	8								
D	W552994	556197	5454999	AGD66		55	2 X	43866	15	32 X	0.02 X	89	3	82	14	5.04	963 X	0.05	15	1	0.03	6	124	16 X	3	4 X	12 X	43 X	5							
D	W552995	556151	5455001	AGD66		55	1 X	18035 X	46 X	0.11 X	86	3	23	11	2.17	1763 X	0.06	87 X	0.04	4	154	9 X	2	16 X	34 X	31 X	11									
D	W552996	556101	5454998	AGD66		55	2 X	29917	17	26 X	0.05 X	72	2	51	18	4.42	1240 X	0.05	27	1	0.03	5	149	10 X	2	8 X	23 X	48 X	7							
D	W552997	556050	5455001	AGD66		55 X	X	6464 X	20 X	0.02 X	75	3	9	8	1.02	781 X	0.02	70 X	0.03	2	67	3 X	X	5 X	66 X	16 X	10									
D	W552998	556000	5454998	AGD66		55	1 X	13176 X	27 X	0.04 X	76	2	24	8	1.64	1181 X	0.06	66 X	0.03	4	79	6 X	1	10 X	48 X	24 X	13									
D	W552999	555951	5455003	AGD66		55	1 X	13459 X	33 X	0.04 X	88	3	14	11	1.41	1134 X	0.05	552 X	0.04	4	136	6 X	1	7 X	41 X	20 X	21									
D	W553000	555901	5455001	AGD66		55 X	X	16348	5	31 X	0.03 X	86	3	32	9	1.88	1191 X	0.05	61 X	0.03	4	88	7 X	1	7 X	26 X	25 X	11								
D	W553019	556649	5454003	AGD66		55	1 X	4694 X	45 X	0.07 X	102	3	12	8	0.83	1340	25	0.03	37 X	0.05	3	86	6 X	X	9 X	14 X	11 X	19								
D	W553020	556603	5454002	AGD66		55	1 X	4166 X	30 X	0.08 X	72	3	35	7	0.76	913 X	0.03	31 X	0.03	4	64	4 X	X	7 X	12 X	10 X	8									
D	W553021	556550	5454000	AGD66		55	2 X	8167 X	51 X	0.1 X	73	3	19	14	1.47	1716 X	0.04	61 X	0.03	5	77	6 X	X	11 X	8 X	15 X	13									
D	W553022	556503	5454002	AGD66		55	1 X	7679 X	31 X	0.06 X	77	2	40	8	1.11	992 X	0.04	38 X	0.03	3	84	4 X	X	12 X	10 X	17 X	10									
D	W553023	556449	5453999	AGD66		55	2 X	19652 X	59 X	0.07 X	84	3	32	14	2.53	1292 X	0.06	73 X	0.03	5	132	9 X	1	12 X	25 X	27 X	11									
D	W553024	556401	5454002	AGD66		55 X	X	7537 X	30 X	0.06 X	79	3	22	7	0.99	862 X	0.03	37 X	0.04	3	115	5 X	X	9 X	20 X	13 X	10									
D	W553025	556352	5454002	AGD66		55 X	X	7580	5	24 X	0.1 X	77	3	17	8	1.5	896 X	0.03	38 X	0.03	3	153	6 X	X	10 X	12 X	18 X	5								
D	W553026	556299	5453998	AGD66		55	1 X	15323 X	23 X	0.06 X	84	2	43	10	2.34	885 X	0.04	66 X	0.04	4	211	7 X	1	6 X	24 X	34 X	6									
D	W553027	556249	5454001	AGD66		55	1 X	12693 X	25 X	0.04 X	90	3	19	8	2	943 X	0.03	79 X	0.03	4	172	7 X	1	5 X	27 X	25 X	9									
D	W553028	556199	5454002	AGD66		55	1 X	17671	14	22 X	0.07 X	72	3	44	11	2.8	801 X	0.03	54	1	0.03	5	195	6 X	1	9 X	22 X	36 X	6							
D	W553029	556152	5453999	AGD66		55	3 X	20048	7	35 X	0.17 X	63	3	32	13	2.94	1122 X	0.05	273	1	0.03	5	239	7 X	1	20 X	20 X	38 X	7							
D	W553030	556101	5454002	AGD66		55	1 X	6995 X	12 X	0.03 X	82	3	22	6	1.53	437 X	0.02	55 X	0.02	2	76	4 X	X	3 X	45 X	30 X	5									
D	W553031	556049	5454003	AGD66		55	3 X	20193	5	68 X	0.26 X	65	3	36	27	3.02	2020 X	0.08	272	2	0.04	8	208	8 X	2	25 X	30 X	29 X	12							
D	W553032	556003	5454000	AGD66		55	2 X	16784 X	49 X	0.1 X	74	3	76	20	2.27	2015 X	0.09	316 X	0.04	8	155	7 X	2	10 X	59 X	23 X	15									
D	W553033	555949	5454002	AGD66		55	1 X	17946 X	27 X	0.04 X	79	3	18	8	1.86	891 X	0.05	286 X	0.04	5	168	8 X	1	6 X	40 X	23 X	12									
D	W553034	555900	5454004	AGD66		55	3 X	16251 X	28 X	0.05 X	80	4	25	9	1.65	1151 X	0.09	360 X	0.03	6	109	7 X	1	7 X	75 X	22 X	13									

EOF