



Annual Report
for EL30/2004 Warrentinna
for the Period 26 November 2016 to 25 November 2017

Author: G Cryan

Date: November 2017

ABSTRACT

EL30/2004 Warrentinna is located 60km north-east of Launceston in north-east Tasmania and covers some 15 strike kilometres of Mathinna Group meta-sediments. The company's main focus is gold mineralisation.

Work completed during the period included 6 RC drill holes totalling 596m. All holes encountered gold mineralisation, with best results including 1m at 4.7 ppm Au from 22m within a broader intersection of 5m at 2.4ppm Au from 21m. These results highlight the potential to extend the current zone of gold mineralisation, particularly to the north and east.

KEYWORDS

Geology/Mineralisation: Mathinna Group

Minerals: Gold

Deposits/Occurrences: Derby North

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_201711_01_report	pdf	report
el302004_201711_02_collar	txt	data
el302004_201711_03_survey	txt	data
el302004_201711_04_lithology	txt	data
el302004_201711_05_assay	txt	data
el302004_201711_06_drill_codes	pdf	codes

**SUMMARY OF ACTIVITIES FOR EL30/2004 WARRENTINNA
FOR THE PERIOD 26 NOVEMBER 2016 TO 25 NOVEMBER 2017**

- RC Drilling: six holes for 596m

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 Period	2
7.0 Conclusions	4
References	9

FIGURES

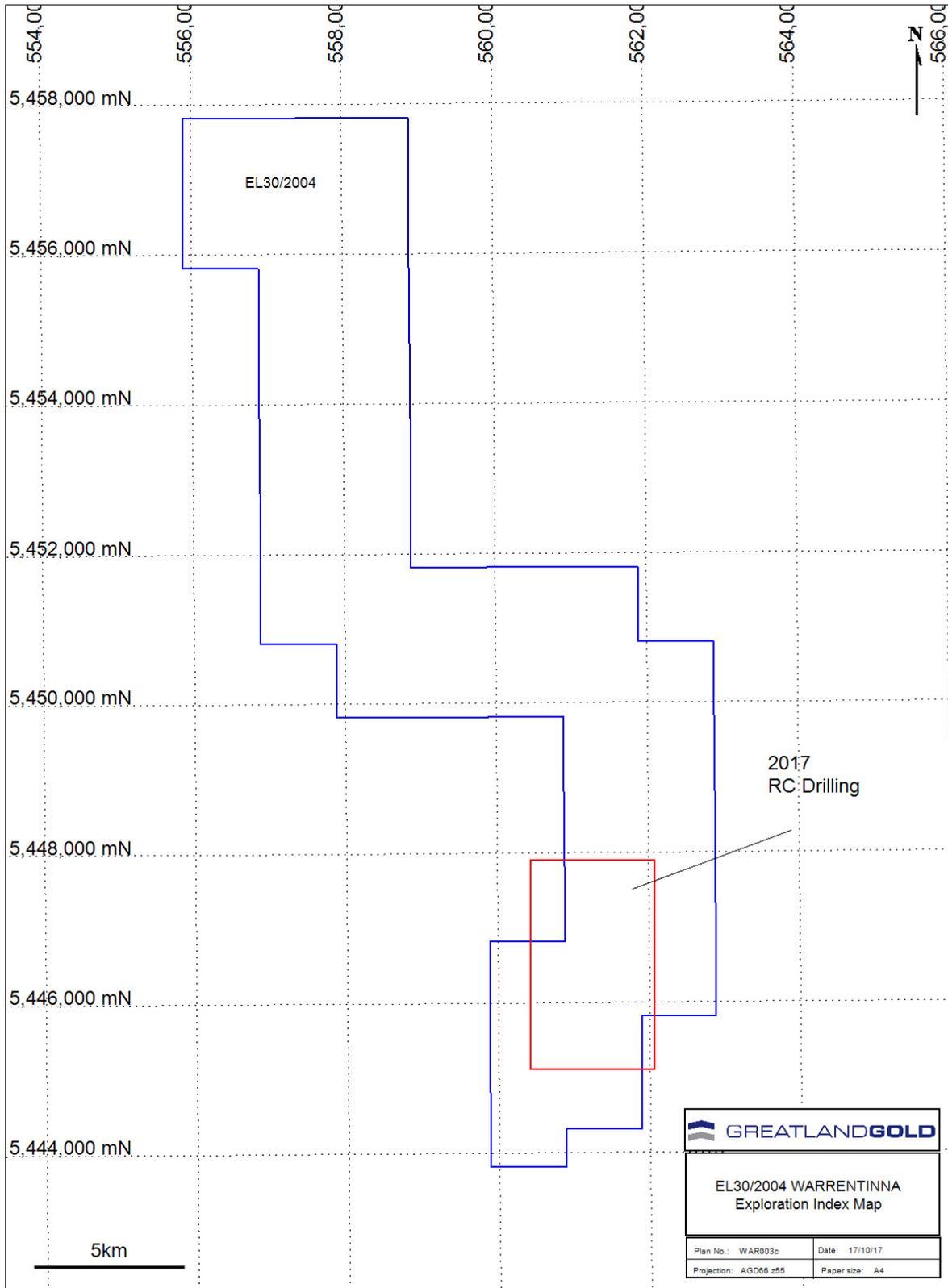
Figure 1	Project Location Map	5
Figure 2	Regional Geology	6
Figure 3	Project Geology	7
Figure 4	Drill Programme: Completed Hole Locations	8

TABLES

Table 1	Tenement Details	1
Table 2	RC Hole Collar Details	3

APPENDICES

Appendix I	Drill Collars
Appendix II	Drill Survey
Appendix III	Drill Lithology
Appendix IV	Drill Assay
Appendix V	Drill Codes



Exploration Index Map

1.0 Introduction

This report details the exploration activities completed within EL30/2004 during the period 26 November 2016 to 25 November 2017. The lease is located 60km north-east of Launceston in north-east Tasmania.

The tenement covers some 15 strike kilometers of Mathinna Group meta-sediments. The company's main focus is gold mineralisation.

Work completed during the period included 6 RC drill holes totalling 596m. All holes encountered gold mineralisation, with best results including 1m at 4.7 ppm Au from 22m within a broader intersection of 5m at 2.4ppm Au from 21m.

2.0 Tenement Details

EL30/2004 Warrentinna was applied for by Greatland Pty Ltd during April 2004 and was granted during November 2004. The tenement covers an area of 37 square kilometres. Tenement details are shown in Table 1.

Table 1 – Tenement Details

Tenement	Holder	Date Granted	Size
EL30/2004 Warrentinna	Greatland Pty Ltd 100%	26 Nov 2004	37 km 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 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 licence area covers some 15 strike kilometres of 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).

Further details of geology and mineralisation have been covered in previous annual reports by Askins and Baxter (2005), McLean and Baxter (2006), McLean (2007) and Baxter (2008). The reader is referred to these reports.

5.0 Previous Exploration

Previous exploration activities have been covered in annual reports by Askins and Baxter (2005), McLean and Baxter (2006), McLean (2007), Baxter (2008, 2009, 2010, 2011, 2012 and 2013) and Cryan (2014, 2015 and 2016). The reader is referred to these reports.

6.0 Work Carried Out During the Period

Work completed during the period included 6 RC drill holes totalling 596m.

Reverse Circulation Drilling

During the period three reverse circulation (RC) holes for a total of 596m was completed at the Derby North and Golden Mara prospect areas. Drill hole collar details are presented in Table 2.

Table 2 – RC Hole Collar Details

Hole ID	East	North	Datum	Dip (deg)	Azimuth (grid)	Depth (m)
WTR037	561675	5447350	AGD66-55	60	90	100
WTR038	561625	5447400	AGD66-55	60	90	100
WTR039	561650	5447400	AGD66-55	60	90	96
WTR040	561675	5447400	AGD66-55	60	90	100
WTR041	561675	5447375	AGD66-55	60	90	100
WTR042	560857	5445674	AGD66-55	60	300	100

Five holes were drilled at the Derby North prospect (WTR037-WTR041) and one hole was drilled under historic workings at the Golden Mara prospect (WTR042).

Basic drill hole stratigraphy showed very fine to medium grained sediments, mudstones and sandstones, with trace pyrite and epidote alteration seen in patches.

Sampling of drill chips consisted of 4m composites and 1m re-splits of intervals with anomalous gold levels. All samples were analysed for a suite of gold and multi-elements.

Drillhole collar details are presented in Table 2 and Appendix I and shown in Figure 4. Drillhole survey and lithology details are presented in Appendix II and III respectively. Assay methods, detection limits and results are presented in Appendix IV. Geological logging codes are presented in Appendix V.

All holes encountered gold mineralisation over 0.5ppm gold, with best results including 1m at 4.7 ppm Au from 22m within a broader intersection of 5m at 2.4ppm Au from 21m. These results highlight the potential to extend the current zone of gold mineralisation, particularly to the north and east.

Overall, results from drilling at Derby North were positive with the continuity of mineralisation enhanced over the core of the prospect. Intercepts from Derby North include 44m at 0.77ppm

Au from 20m in hole WTR038 peaking at 5m at 2.45ppm Au from 21m including 1m 4.68ppm Au from 22m and 4m at 1.23ppm Au from 36m, and 72m at 0.26ppm Au from 24m in hole WTR039 peaking at 4m at 1.25ppm Au from 56m, and 36m at 0.3ppm from 12m including 24m at 0.44ppm Au from 21m in hole WTR037 including 4m at 0.78ppm Au from 24m. In WTR040 mineralisation was observed from surface peaking at 4m at 2.75ppm Au with peak results of 1m at 4.1ppm Au. Overall mineralisation at Derby North is relatively shallow (starting from surface) and notably is open to the east, north and at depth.

Results from drilling at Golden Mara (WTR042) were encouraging with maximum result of 4m at 1.07ppm Au and are potentially significant when considered with previous results of adjacent hole WTR010 (drilled in 2008) peaking at 3m at 0.95ppm Au from 30m in a broad intercept of 36m of 0.3ppm Au from 0m and 2m at 1ppm Au from 72m in a broad intercept of 8m of 0.6ppm Au from 69m.

7.0 Conclusions

EL30/2004 Warrentinna is located 60km north-east of Launceston in north-east Tasmania. It lies some 20km north-east of the town of Scottsdale. The tenement covers some 15 strike kilometres of Mathinna Group meta-sediments. The company's main focus is gold mineralisation.

Work completed during the period included 6 RC drill holes totalling 596m. All holes encountered gold mineralisation, with best results including 1m at 4.7 ppm Au from 22m within a broader intersection of 5m at 2.4ppm Au from 21m. These results clearly extend the continuity of gold mineralisation and highlight the potential to extend the current zone, particularly to the north and east.

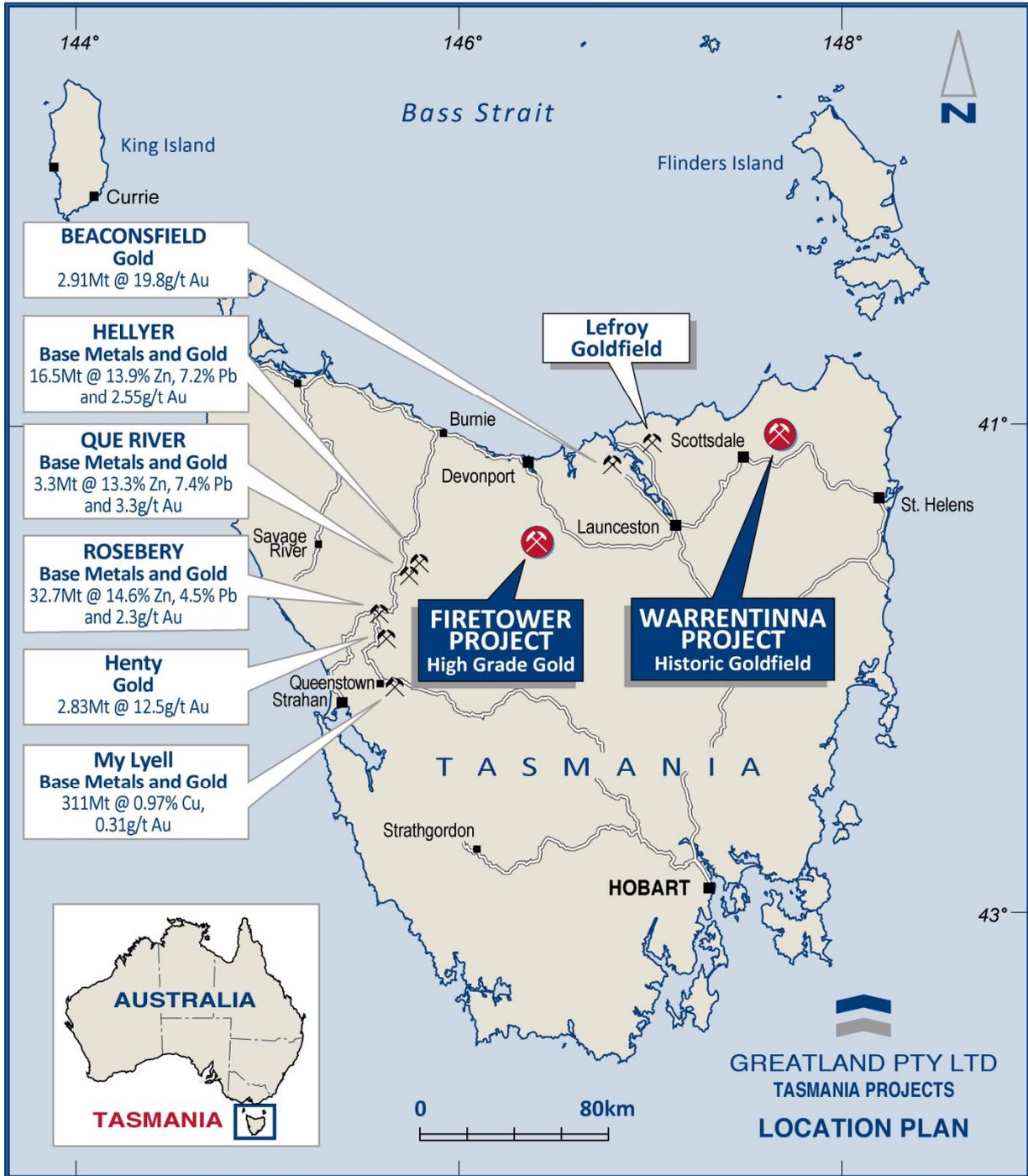


Figure 1 – Project Location Map

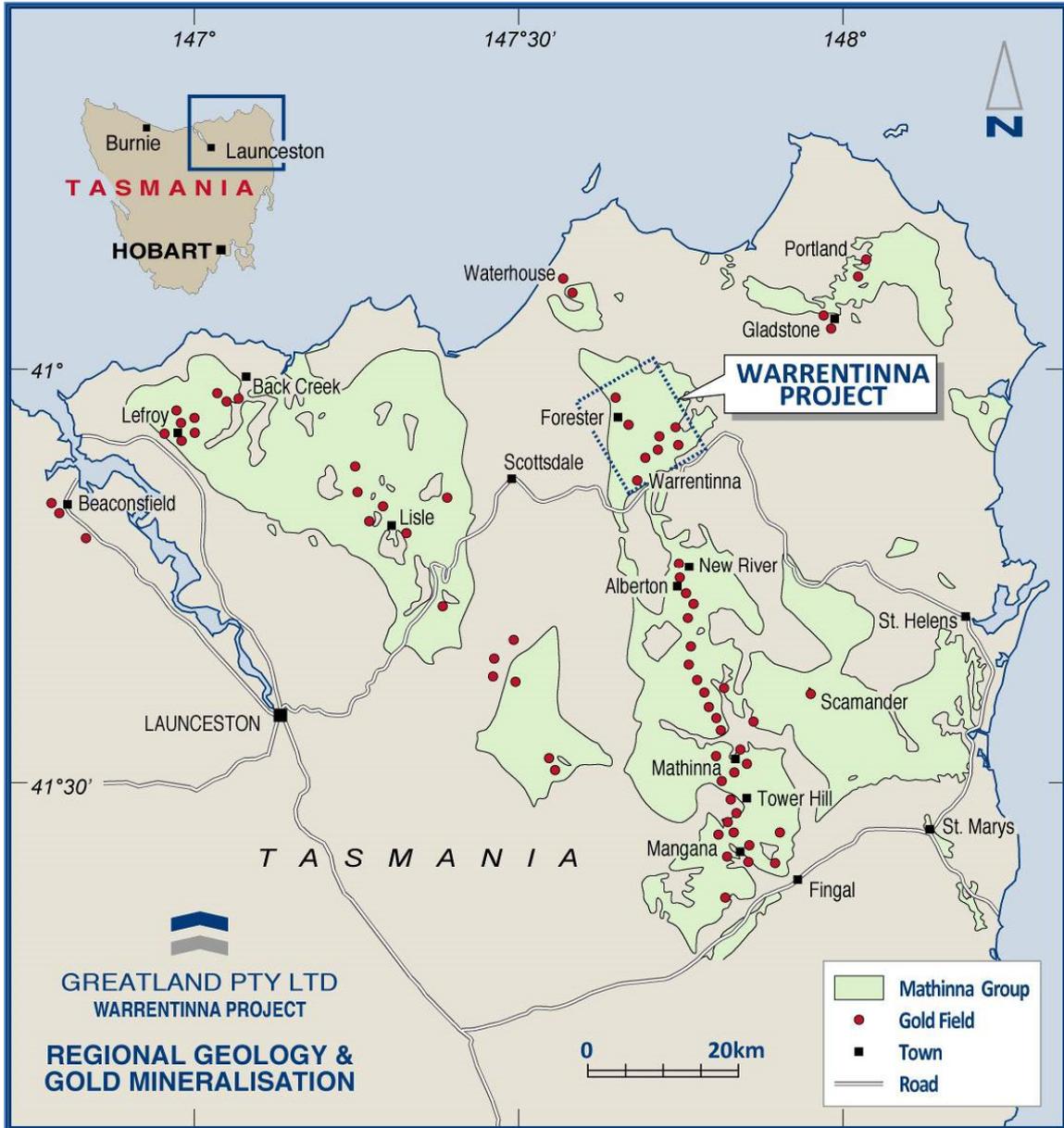


Figure 2 – Regional Geology

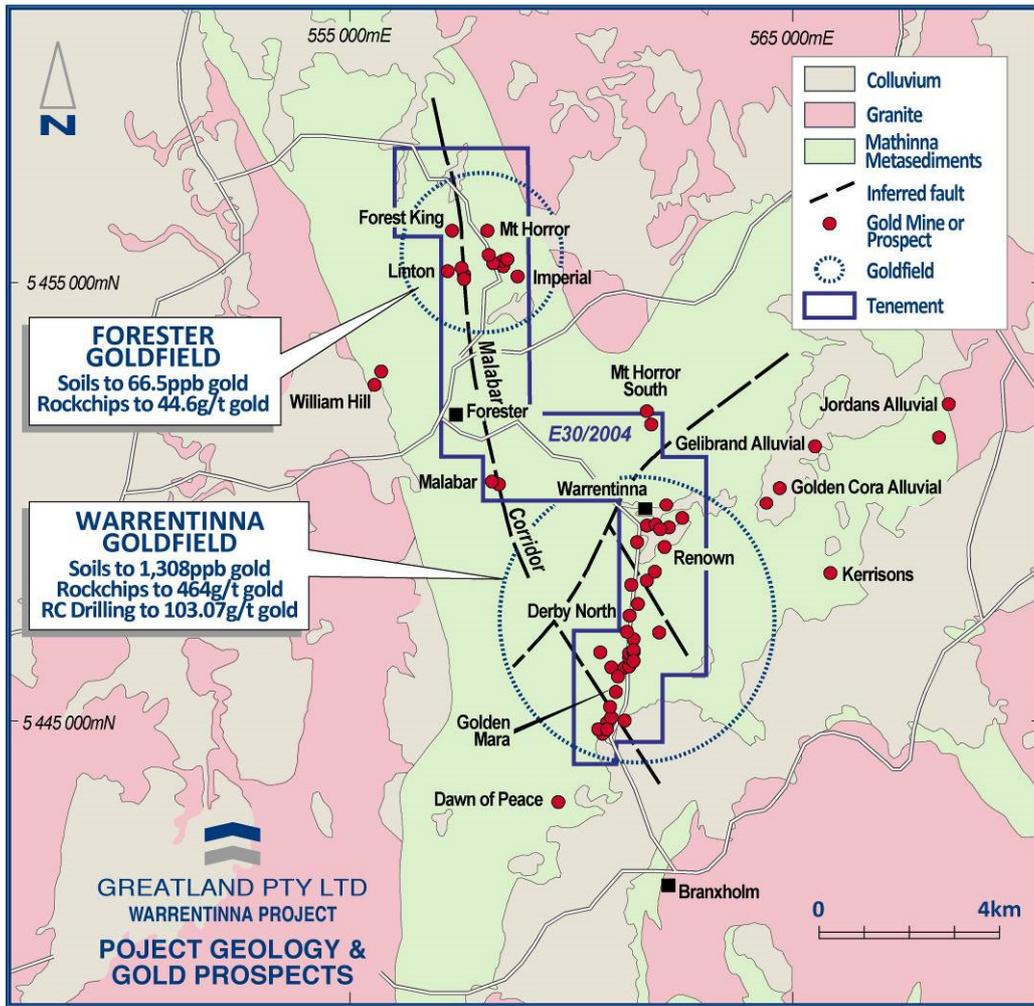


Figure 3 – Project Geology

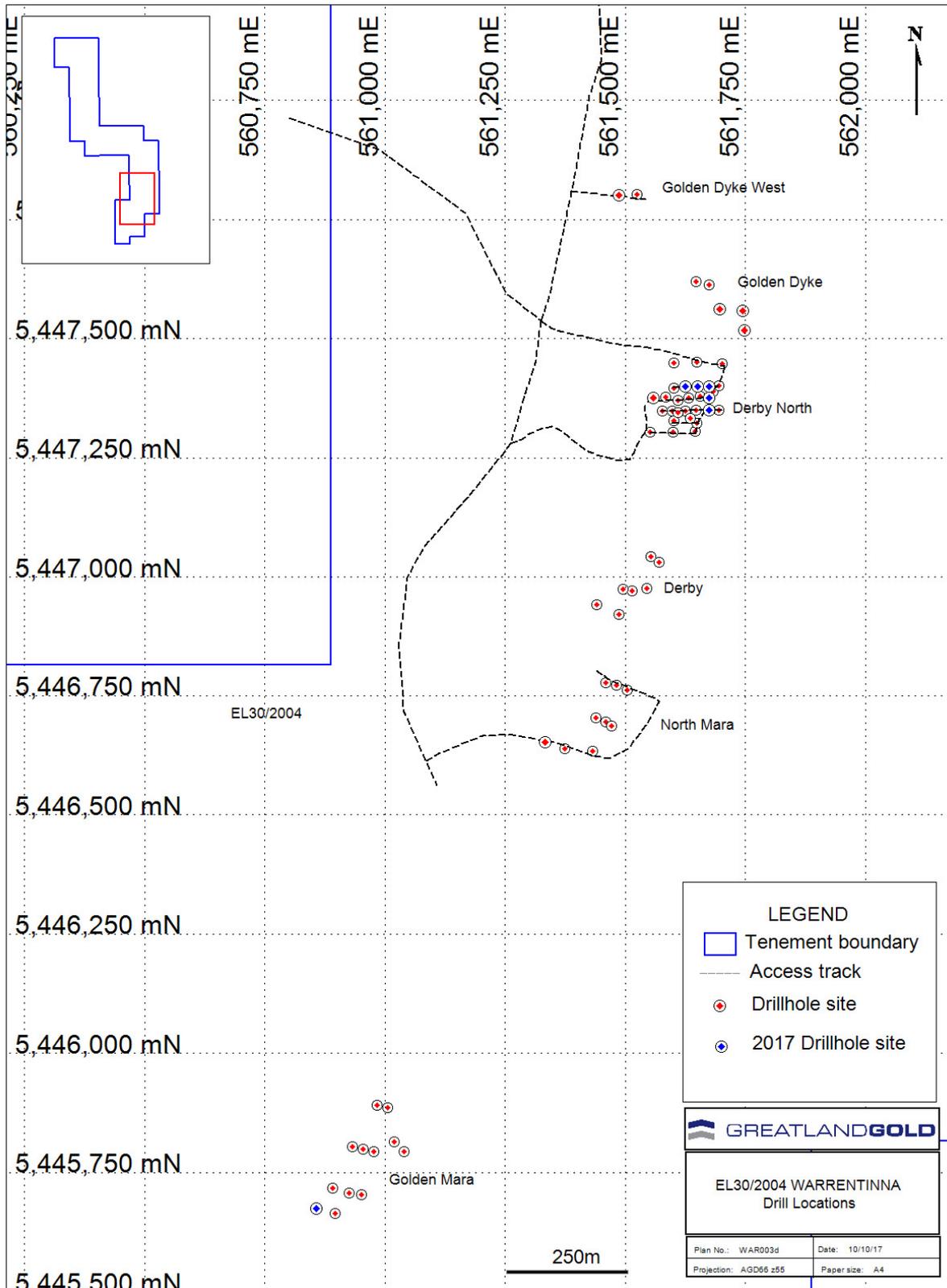


Figure 4 – Drill Programme: Completed Hole Locations

References

- Askins, P. and Baxter, C., 2005. Warrentinna Project, Annual Report for EL30/2004, for the Period 26 November 2004 to 25 November 2005. Greatland Pty Ltd, pp9. (unpublished)
- Baxter, C., 2008. Annual Report for EL30/2004 Warrentinna for the Period 26 November 2007 to 25 November 2008. Greatland Pty Ltd, pp12. (unpublished)
- Baxter, C., 2009. Annual Report for EL30/2004 Warrentinna for the Period 26 November 2008 to 25 November 2009. Greatland Pty Ltd, pp6. (unpublished)
- Baxter, C., 2010. Annual Report for EL30/2004 Warrentinna for the Period 26 November 2009 to 25 November 2010. Greatland Pty Ltd, pp6. (unpublished)
- Baxter, C., 2011. Annual Report for EL30/2004 Warrentinna for the Period 26 November 2010 to 25 November 2011. Greatland Pty Ltd, pp6. (unpublished)
- Baxter, C., 2012. Annual Report for EL30/2004 Warrentinna for the Period 26 November 2011 to 25 November 2012. Greatland Pty Ltd, pp6. (unpublished)
- Baxter, C., 2013. Annual Report for EL30/2004 Warrentinna for the Period 26 November 2012 to 25 November 2013. Greatland Pty Ltd, pp6. (unpublished)
- Cryan, G., 2014. Annual Report for EL30/2004 Warrentinna for the Period 26 November 2013 to 25 November 2014. Greatland Pty Ltd, pp6. (unpublished)
- Cryan, G., 2015. Annual Report for EL30/2004 Warrentinna for the Period 26 November 2014 to 25 November 2015. Greatland Pty Ltd, pp6. (unpublished)
- Cryan, G., 2016. Annual Report for EL30/2004 Warrentinna for the Period 26 November 2015 to 25 November 2016. Greatland Pty Ltd, pp9. (unpublished)

McLean, G and Baxter, C., 2006. Warrentinna Project, Annual Report for EL30/2004, for the Period 26 November 2005 to 25 November 2006. Greatland Pty Ltd, pp14. (unpublished)

McLean, G., 2007. Warrentinna Project, Annual Report for EL30/2004, for the Period 26 November 2006 to 25 November 2007. Greatland Pty Ltd, pp29. (unpublished)

APPENDIX I
RC Drill Collars

H0002	Version	3				
H0003	Date_generated	01-Nov-17				
H0004	Reporting_period_end_date	25-Nov-17				
H0005	State	TAS				
H0100	Tenement_no/Combined_rept_no	EL30/2004				
H0101	Tenement_holder	Greatland Pty Ltd				
H0102	Project_name	Warrentinna				
H0106	Tenement_operator	Greatland Pty Ltd				
H0150	250K_map_sheet_number	SK55-21				
H0151	100K_map_sheet_number	8415 8416				
H0152	50K_map_sheet_number					
H0153	25K_map_sheet_number					
H0200	Start_date_of_data_acquisition	26-Nov-16				
H0201	End_date_of_data_acquisition	01-Feb-17				
H0202	Data_format	SL3				
H0203	Number_of_data_records	6				
H0204	Date_of_metadata_update	01-Nov-17				
H0301	collar_data_file	el302004_201711_02_collar				
H0302	survey_data_file	el302004_201711_03_survey				
H0303	geology_data_file	el302004_201711_04_geol				
H0304	assay_data_file	el302004_201711_05_assay				
H0310	water_data_file					
H0400	Drill_code	RC				
H0401	Drill_contractor	Edrill				
H0402	Description	RC				
H0600	Sample_code					
H0601	Sample_type					
H0602	Sample_description					
H0700	Sample_preparation_code					
H0701	Sample_preparation_details					
H0702	Job_no					
H0800	Assay_code					
H0801	Assay_company					
H0802	Assay_description					
H0900	Remarks					
H1000	Hole_ID	AGD66_E_Z5	AGD66_N_Azi	Dip	total depth	
H1001		metres	metres	degrees	degrees	metres
D	WTR037	561675	5447350	90	-60	100
D	WTR038	561625	5447400	90	-60	100
D	WTR039	561650	5447400	90	-60	96
D	WTR040	561675	5447400	90	-60	100
D	WTR041	561675	5447375	90	-60	100
D	WTR042	560857	5445674	300	-60	100

EOF

APPENDIX II
RC Drill Hole Survey Data

H0002	Version	3		
H0003	Date_generated	01-Nov-17		
H0004	Reporting_period_end_date	25-Nov-17		
H0005	State	TAS		
H0100	Tenement_no/Combined_rept_	EL30/2004		
H0101	Tenement_holder	Greatland Pty Ltd		
H0102	Project_name	Warrentinna		
H0106	Tenement_operator	Greatland Pty Ltd		
H0150	250K_map_sheet_number	SK55-21		
H0151	100K_map_sheet_number	8415 8416		
H0152	50K_map_sheet_number			
H0153	25K_map_sheet_number			
H0200	Start_date_of_data_acquisition	26-Nov-16		
H0201	End_date_of_data_acquisition	01-Feb-17		
H0202	Data_format	SL3		
H0203	Number_of_data_records	6		
H0204	Date_of_metadata_update	01-Nov-17		
H0301	collar_data_file	el302004_201711_02_collar		
H0302	survey_data_file	el302004_201711_03_survey		
H0303	geology_data_file	el302004_201711_04_geol		
H0304	assay_data_file	el302004_201711_05_assay		
H0310	water_data_file			
H0400	Drill_code	RC		
H0401	Drill_contractor	Edrill		
H0402	Description	RC		
H0600	Sample_code			
H0601	Sample_type			
H0602	Sample_description			
H0700	Sample_preparation_code			
H0701	Sample_preparation_details			
H0702	Job_no			
H0800	Assay_code			
H0801	Assay_company			
H0802	Assay_description			
H0900	Remarks			
H1000	Hole_ID	Survey Depth	Dip	Azimuth_Mag
H1001		metres	degrees	degrees
H1004		1	0.1	1
D	WTR037	0	-60	90
D	WTR038	0	-60	90
D	WTR039	0	-60	90
D	WTR040	0	-60	90
D	WTR041	0	-60	90
D	WTR042	0	-60	300
EOF				

APPENDIX III
RC Drill Hole Lithology Data

H0002	Version		3						
H0003	Date_generated		01-Nov-17						
H0004	Reporting_period_end_date		25-Nov-17						
H0005	State	TAS							
H0100	Tenement_no/Combined_rept_no.	EL30/2004							
H0101	Tenement_holder	Greatland Pty Ltd							
H0102	Project_name	Warrentinna							
H0106	Tenement_operator	Greatland Pty Ltd							
H0150	250K_map_sheet_number	SK55-21							
H0151	100K_map_sheet_number	8415 8416							
H0152	50K_map_sheet_number								
H0153	25K_map_sheet_number								
H0200	Start_date_of_data_acquisition		26-Nov-16						
H0201	End_date_of_data_acquisition		01-Feb-17						
H0202	Data_format	SL3							
H0203	Number_of_data_records		300						
H0204	Date_of_metadata_update		01-Nov-17						
H0301	collar_data_file	el302004_201711_02_collar							
H0302	survey_data_file	el302004_201711_03_survey							
H0303	geology_data_file	el302004_201711_04_geol							
H0304	assay_data_file	el302004_201711_05_assay							
H0310	water_data_file								
H0400	Drill_code	RC							
H0401	Drill_contractor	Edrill							
H0402	Description	RC							
H0600	Sample_code								
H0601	Sample_type								
H0602	Sample_description								
H0700	Sample_preparation_code								
H0701	Sample_preparation_details								
H0702	Job_no								
H0800	Assay_code								
H0801	Assay_company								
H0802	Assay_description								
H0900	Remarks								
H1000	Hole_ID	From	To	Colour	Quart%	Sulph%	Oxd	GrainSize	Lithology
H1001		metres	metres						
H1004			1	1					
D	WTR034	0	1	OG	0		0 LIM	F	SS/MS
D	WTR034	1	2	OG	0		0 LIM	F	SS/MS
D	WTR034	2	3	OG	3		0 LIM	F	SS/MS
D	WTR034	3	4	OG	0		0 LIM	F	SS/MS
D	WTR034	4	5	OG	3		0 LIM	F	SS/MS
D	WTR034	5	6	OG/GY	0		0 LIM	F	SS/MS
D	WTR034	6	7	OG/GY	1		0 LIM	F	SS/MS
D	WTR034	7	8	OG/GY	1		0 LIM	F	SS/MS
D	WTR034	8	9	OG/GY	1		0 LIM	F	SS/MS
D	WTR034	9	10	OG/GY	1		0 LIM	F	SS/MS
D	WTR034	10	11	OG/GY	0		0 LIM	F	SS/MS
D	WTR034	11	12	OG/GY	0		0 LIM	F	SS/MS
D	WTR034	12	13	OG/BR	1		0 LIM	F	SS/MS
D	WTR034	13	14	OG/BR	1		0 LIM	F	SS/MS
D	WTR034	14	15	OG/BR	1		0 LIM	F	SS/MS
D	WTR034	15	16	OG/BR	1		0 LIM	F	SS/MS
D	WTR034	16	17	OG/BR	5		0 LIM	F	SS/MS
D	WTR034	17	18	OG/BR	5		0 LIM	F	SS/MS
D	WTR034	18	19	OG/BR	5		0 LIM	F	SS/MS
D	WTR034	19	20	GY	1		0 LIM	F	SS/MS
D	WTR034	20	21	GY/OR	1		0 LIM	F	SS/MS
D	WTR034	21	22	GY/OR	1		0 LIM	F	SS/MS
D	WTR034	22	23	GY/OR	0		0 LIM	F	SS/MS
D	WTR034	23	24	GY/OR	0		0 LIM	F	SS/MS
D	WTR034	24	25	GY/OR	0		0 LIM	F	SS/MS
D	WTR034	25	26	GY/OR	0		0 LIM	F	SS/MS
D	WTR034	26	27	GY/OR	3		0 LIM	F	SS/MS
D	WTR034	27	28	GY/OR	3		0 LIM	F	SS/MS
D	WTR034	28	29	DKGY	3		0 (LIM)	F	SS/MS
D	WTR034	29	30	DKGY	1		0 (LIM)	F	SS/MS
D	WTR034	30	31	GY/OR	5		0 LIM	F	SS
D	WTR034	31	32	OR	10		0 LIM	F	SS
D	WTR034	32	33	OR	10		0 LIM	F	SS
D	WTR034	33	34	OR	10		0 LIM	F	SS
D	WTR034	34	35	OR	20		0 LIM	F	SS/QZ
D	WTR034	35	36	GY	3		0 FR	F	SS
D	WTR034	36	37	OR	5		0 LIM	F	SS
D	WTR034	37	38	OR	5		0 LIM	F	SS
D	WTR034	38	39	OR	20		0 LIM	F	SS
D	WTR034	39	40	OR	15		0 LIM	F	SS
D	WTR034	40	41	GY/OR	3		0 LIM	F	SS

D	WTR034	41	42 OR	10	0 LIM	F	SS
D	WTR034	42	43 OR/GY	5	0 LIM	F	SS
D	WTR034	43	44 OR/GY	5	0 LIM	F	SS
D	WTR034	44	45 OR/GY	5	0 LIM	F	SS
D	WTR034	45	46 OR/GY	3	0 LIM	F	SS
D	WTR034	46	47 OR/GY	0.5	0 LIM	F	SS
D	WTR034	47	48 OR/GY	0.5	0 LIM	F	SS
D	WTR034	48	49 DKGY/(OR	0.5	0 (LIM)	F	SS
D	WTR034	49	50 OR/DKGY	2	0 LIM	F	SS
D	WTR034	50	51 OR/DKGY	2	0 LIM	F	SS
D	WTR034	51	52 OR/DKGY	2	0 LIM	F	SS
D	WTR034	52	53 OR/DKGY	50	0 LIM	F	QZ/SS
D	WTR034	53	54 OR/DKGY	20	0 LIM	F	SS/QZ
D	WTR034	54	55 DKGY	2	0 (LIM)	M	SS
D	WTR034	55	56 DKGY	2	0 (LIM)	M	SS
D	WTR034	56	57 DKGY	2	0 (LIM)	M	SS
D	WTR034	57	58 DKGY/(OR	3	0 (LIM)	M	SS
D	WTR034	58	59 DKGY	3	0 FR	M	SS
D	WTR034	59	60 DKGY	1	0 FR	M	SS
D	WTR034	60	61 DKGY/OR	10	0.5 (LIM)	M	SS
D	WTR034	61	62 DKGY	3	0.5 (LIM)	M	SS
D	WTR034	62	63 DKGY	3	0 (LIM)	F	SS
D	WTR034	63	64 OR	0.5	0 (LIM)	M	SS
D	WTR034	64	65 DKGY/(OR	3	0.5 (LIM)	M	SS
D	WTR034	65	66 DKGY/(OR	5	0 (LIM)	M	SS
D	WTR034	66	67 DKGY/(OR	5	0 (LIM)	M	SS
D	WTR034	67	68 DKGY/(OR	8	0 (LIM)	M	SS/MS
D	WTR034	68	69 DKGY/(OR	5	0 (LIM)	M	SS/MS
D	WTR034	69	70 DKGY/(OR	3	0.5 (LIM)	M	SS/MS
D	WTR034	70	71 DKGY/(OR	0	0 (LIM)	M	SS/MS
D	WTR034	71	72 DKGY	0	0 (LIM)	F	SS/MS
D	WTR034	72	73 DKGY	1	0.5 (LIM)	F	SS/MS
D	WTR034	73	74 DKGY	20	0.5 (LIM)	F	SS/MS
D	WTR034	74	75 DKGY	20	0 (LIM)	F	SS/MS
D	WTR034	75	76 DKGY	5	0 FR	F	SS/MS
D	WTR034	76	77 DKGY	5	0 FR	F	SS
D	WTR034	77	78 DKGY	5	0 FR	F	SS
D	WTR034	78	79 DKGY	5	0.5 FR	F	SS
D	WTR034	79	80 DKGY	20	0 FR	F	SS
D	WTR034	80	81 DKGY	5	0 FR	VF	MS
D	WTR034	81	82 DKGY	1	0 FR	VF	MS
D	WTR034	82	83 DKGY	3	0 FR	VF	MS
D	WTR034	83	84 DKGY	2	0 FR	VF	MS
D	WTR034	84	85 DKGY	2	0 FR	VF	MS
D	WTR034	85	86 DKGY	1	0 FR	VF	MS
D	WTR034	86	87 DKGY	5	0 FR	VF	MS
D	WTR034	87	88 DKGY	3	0 FR	VF	MS
D	WTR034	88	89 DKGY	0.5	0 FR	VF	MS
D	WTR034	89	90 DKGY	1	0 FR	VF	MS
D	WTR034	90	91 DKGY	0.5	0 FR	VF	MS
D	WTR034	91	92 DKGY	0.5	0 FR	VF	MS
D	WTR034	92	93 DKGY	1	0 (LIM)	VF	MS
D	WTR034	93	94 DKGY	1	0.5 FR	VF	MS
D	WTR034	94	95 DKGY	1	0.5 FR	VF	MS
D	WTR034	95	96 DKGY	1	0 FR	VF	MS/SS
D	WTR034	96	97 DKGY	0	0.5 FR	VF	MS/SS
D	WTR034	97	98 DKGY	1	0.5 FR	VF	MS/SS
D	WTR034	98	99 DKGY	2	2 FR	VF	MS/SS
D	WTR034	99	100 DKGY	3	1 FR	VF	MS/SS
D	WTR034	100	101 DKGY	3	0 FR	M	SS/MS
D	WTR034	101	102 DKGY	5	0 FR	F	SS/MS
D	WTR034	102	103 DKGY	8	0 FR	F	SS/MS
D	WTR034	103	104 DKGY	8	0 FR	F	SS/MS
D	WTR034	104	105 DKGY	8	0.5 FR	F	SS/MS
D	WTR034	105	106 DKGY	8	0 FR	F	SS/MS
D	WTR034	106	107 DKGY	3	0 FR	F	SS/MS
D	WTR034	107	108 DKGY	3	0 FR	F	SS/MS
D	WTR034	108	109 DKGY	3	0 FR	F	SS/MS
D	WTR034	109	110 DKGY	3	0 FR	F	SS/MS
D	WTR034	110	111 DKGY	8	0 FR	F	SS/MS
D	WTR034	111	112 DKGY	8	2 FR	F	SS/MS
D	WTR034	112	113 DKGY	20	2 FR	F	SS/MS
D	WTR034	113	114 DKGY	1	0 FR	F	MS
D	WTR034	114	115 DKGY	3	0 FR	VF	MS
D	WTR034	115	116 DKGY	5	0 FR	VF	MS
D	WTR034	116	117 DKGY	5	0 FR	VF	MS
D	WTR034	117	118 DKGY	5	0 FR	VF	MS
D	WTR034	118	119 DKGY	5	0 FR	VF	MS
D	WTR034	119	120 DKGY	8	2 FR	VF	MS

D	WTR034	120	121 DKGY	1	0 FR	VF	MS
D	WTR034	121	122 DKGY	1	0 FR	VF	MS
D	WTR034	122	123 DKGY	0	0 FR	VF	MS
D	WTR034	123	124 DKGY	1	0 FR	VF	MS
D	WTR034	124	125 DKGY	1	0 FR	M	SS
D	WTR034	125	126 DKGY	2	0 FR	M	SS
D	WTR034	126	127 DKGY	1	0 FR	VF	MS
D	WTR034	127	128 DKGY	0.5	0 FR	VF	MS
D	WTR034	128	129 DKGY	0.5	0 FR	VF	MS
D	WTR034	129	130 DKGY	0.5	0 FR	VF	MS
D	WTR035	0	1 OR/DKGY	1	0 LIM	M	SS
D	WTR035	1	2 OR/DKGY	0	0 LIM	M	SS
D	WTR035	2	3 OR/DKGY	0	0 LIM	M	SS
D	WTR035	3	4 DKGY/OR	0	0 LIM	F	MS
D	WTR035	4	5 DKGY/OR	0	0 LIM	F	MS
D	WTR035	5	6 DKGY/OR	0	0 LIM	F	MS
D	WTR035	6	7 DKGY/OR	0	0 LIM	F	MS
D	WTR035	7	8 DKGY/OR	0	0 LIM	F	MS
D	WTR035	8	9 DKGY/OR	0	0 LIM	F	MS
D	WTR035	9	10 DKGY/OR	0	0 LIM	F	MS
D	WTR035	10	11 DKGY/OR	0	0 LIM	F	MS
D	WTR035	11	12 DKGY/OR	0	0 LIM	F	MS
D	WTR035	12	13 DKGY/OR	0	0 LIM	F	MS
D	WTR035	13	14 DKGY/OR	1	0 LIM	F	MS
D	WTR035	14	15 DKGY/OR	0	0 LIM	F	MS
D	WTR035	15	16 DKGY/OR	1	0 LIM	F	MS
D	WTR035	16	17 OR/DKGY	0	0 LIM	F	MS
D	WTR035	17	18 BR	1	0 HM	M	SS
D	WTR035	18	19 BR	0	0 HM	M	SS
D	WTR035	19	20 BR	0	0 HM	M	SS
D	WTR035	20	21 BR	0	0 LIM	M	SS
D	WTR035	21	22 BR	0	0 LIM	M	SS
D	WTR035	22	23 BR	10	0 LIM	M	SS
D	WTR035	23	24 BR	5	0 LIM	M	SS
D	WTR035	24	25 BR	3	0 LIM	M	SS
D	WTR035	25	26 DKGY/(OR	0	0 (LIM)	M	SS
D	WTR035	26	27 DKGY/(OR	0	0 (LIM)	M	SS
D	WTR035	27	28 DKGY/(OR	1	0 (LIM)	M	SS
D	WTR035	28	29 DKGY/(OR	0	0 (LIM)	M	SS
D	WTR035	29	30 DKGY/(OR	0	0 (LIM)	M	SS
D	WTR035	30	31 DKGY/(OR	0	0 (LIM)	M	SS
D	WTR035	31	32 OR	0	0 LM	M	SS
D	WTR035	32	33 OR	0	0 LM	M	SS
D	WTR035	33	34 OR	0	0 LM	M	SS
D	WTR035	34	35 OR	2	0 LM	M	SS
D	WTR035	35	36 OR	5	0 LM	M	SS
D	WTR035	36	37 OR	2	0 LM	M	SS
D	WTR035	37	38 OR	1	0 LM	M	SS
D	WTR035	38	39 OR	1	0 LM	M	SS
D	WTR035	39	40 DKGY	1	0 FR	M	SS
D	WTR035	40	41 DKGY	0	0 FR	M	SS
D	WTR035	41	42 DKGY	0	0 FR	M	SS
D	WTR035	42	43 DKGY	0	0 FR	F	SS/MS
D	WTR035	43	44 DKGY	0	0 FR	F	SS/MS
D	WTR035	44	45 DKGY	0	0 FR	F	SS/MS
D	WTR035	45	46 DKGY	0	0 FR	F	SS/MS
D	WTR035	46	47 DKGY	0	0 (LIM)	F	SS/MS
D	WTR035	47	48 DKGY	1	0 (LIM)	F	SS/MS
D	WTR035	48	49 DKGY	0	0 (LIM)	F	SS/MS
D	WTR035	49	50 DKGY	5	0 (LIM)	F	SS/MS
D	WTR035	50	51 DKGY	3	0 (LIM)	F	SS/MS
D	WTR035	51	52 DKGY	0.5	0 (LIM)	F	SS/MS
D	WTR035	52	53 DKGY	0	0 (LIM)	F	SS/MS
D	WTR035	53	54 DKGY	0	0 (LIM)	F	SS/MS
D	WTR035	54	55 DKGY	0	0 (LIM)	F	SS/MS
D	WTR035	55	56 DKGY	1	0 (LIM)	F	SS/MS
D	WTR035	56	57 DKGY	1	0 (LIM)	VF	MS
D	WTR035	57	58 DKGY	1	0 (LIM)	VF	MS
D	WTR035	58	59 DKGY	0	0 (LIM)	VF	MS
D	WTR035	59	60 DKGY	0	0 FR	VF	MS
D	WTR035	60	61 DKGY	0	0 FR	VF	MS
D	WTR035	61	62 DKGY	2	0 FR	VF	MS
D	WTR035	62	63 DKGY	2	0 FR	VF	MS
D	WTR035	63	64 DKGY	1	0 FR	VF	MS
D	WTR035	64	65 DKGY	0	0 FR	VF	MS
D	WTR035	65	66 DKGY	0	0 FR	VF	MS
D	WTR035	66	67 DKGY	1	0 FR	VF	MS
D	WTR035	67	68 DKGY	0	0 FR	VF	MS
D	WTR035	68	69 DKGY	0	0 FR	VF	MS

D	WTR035	69	70 DKG	0	0.5 FR	VF	MS
D	WTR035	70	71 DKG	0	0 FR	VF	MS
D	WTR035	71	72 DKG	0	0 FR	VF	MS
D	WTR035	72	73 DKG	0	0 FR	VF	MS
D	WTR035	73	74 DKG	0	0 FR	VF	MS
D	WTR035	74	75 DKG	0.5	0.5 FR	VF	MS
D	WTR035	75	76 DKG	4	0 FR	VF	MS
D	WTR035	76	77 DKG	5	0 FR	VF	MS
D	WTR035	77	78 DKG	30	0 FR	VF	MS
D	WTR035	78	79 DKG	5	0 FR	VF	MS
D	WTR035	79	80 DKG	3	0 FR	VF	MS
D	WTR035	80	81 DKG	5	0 FR	VF	MS
D	WTR035	81	82 DKG	5	0 FR	VF	MS
D	WTR035	82	83 DKG	5	0 FR	VF	MS
D	WTR035	83	84 DKG	3	0 FR	M	SS
D	WTR035	84	85 DKG	3	0 FR	M	SS
D	WTR035	85	86 DKG	1	0 FR	M	SS
D	WTR035	86	87 DKG	0	0 FR	M	SS
D	WTR035	87	88 DKG	2	0.5 FR	M	SS
D	WTR035	88	89 DKG	0	0 FR	M	SS
D	WTR035	89	90 DKG	0	0 FR	F	SS/MS
D	WTR036	0	1 OR	0	0 LIM	F	MS
D	WTR036	1	2 OR	0	0 LIM	F	MS
D	WTR036	2	3 OR	0	0 LIM	F	MS/SS
D	WTR036	3	4 OR	0	0 LIM	F	MS
D	WTR036	4	5 OR	0	0 LIM	F	MS/SS
D	WTR036	5	6 OR	0	0 LIM	F	MS
D	WTR036	6	7 OR	0	0 LIM	F	MS/SS
D	WTR036	7	8 OR	0	0 LIM	F	MS/SS
D	WTR036	8	9 OR	0	0 LIM	F	MS/SS
D	WTR036	9	10 OR	0	0 LIM	F	MS/SS
D	WTR036	10	11 OR	0.5	0 LIM	F	MS/SS
D	WTR036	11	12 OR	0	0 LIM	F	MS/SS
D	WTR036	12	13 OR	0	0 LIM	F	MS/SS
D	WTR036	13	14 OR	0	0 LIM	F	MS/SS
D	WTR036	14	15 OR	0	0 LIM	F	MS/SS
D	WTR036	15	16 OR	0	0 LIM	F	MS/SS
D	WTR036	16	17 OR	0	0 LIM	F	MS
D	WTR036	17	18 OR	0	0 LIM	M	SS
D	WTR036	18	19 OR	0	0 LIM	M	SS/MS
D	WTR036	19	20 OR	0	0 LIM	VF	MS
D	WTR036	20	21 DKG/OR	0	0 (LIM)	VF	MS
D	WTR036	21	22 DKG/(OR	0	0 (LIM)	VF	MS
D	WTR036	22	23 DKG/(OR	0	0 (LIM)	VF	MS
D	WTR036	23	24 OR/DKG	0	0 (LIM)	VF	MS
D	WTR036	24	25 OR/DKG	0	0 (LIM)	VF	MS
D	WTR036	25	26 DKG	0	0 FR	VF	MS
D	WTR036	26	27 DKG	0	0 FR	VF	MS
D	WTR036	27	28 DKG	0	0 FR	VF	MS
D	WTR036	28	29 DKG/(OR	0	0 (LIM)	VF	MS
D	WTR036	29	30 DKG/(OR	0	0 (LIM)	VF	MS
D	WTR036	30	31 DKG/(OR	0	0 (LIM)	VF	MS
D	WTR036	31	32 DKG/(OR	0	0 (LIM)	VF	MS
D	WTR036	32	33 DKG/(OR	0	0 (LIM)	VF	MS
D	WTR036	33	34 DKG	0	0 FR	VF	MS
D	WTR036	34	35 DKG	0	0 FR	F	MS/SS
D	WTR036	35	36 DKG	0	0 FR	F	MS/SS
D	WTR036	36	37 DKG/(OR	0	0 (LIM)	F	MS/SS
D	WTR036	37	38 DKG/(OR	0	0 (LIM)	F	MS/SS
D	WTR036	38	39 DKG	0	0 FR	F	MS
D	WTR036	39	40 DKG	0	0.5 FR	F	MS/SS
D	WTR036	40	41 DKG/(OR	1	0 (LIM)	F	SS
D	WTR036	41	42 OR/DKG	0	0 LIM	M	SS
D	WTR036	42	43 OR	0	0 LIM	F	SS
D	WTR036	43	44 OR	1	0 LIM	F	SS
D	WTR036	44	45 OR	1	0 LIM	F	SS
D	WTR036	45	46 OR	0	0 LIM	F	SS
D	WTR036	46	47 OR/DKG	1	0 LIM	F	SS
D	WTR036	47	48 OR/DKG	1	0 LIM	F	SS
D	WTR036	48	49 DKG/(OR	1	0 (LIM)	F	SS
D	WTR036	49	50 DKG/(OR	1	0 (LIM)	M	SS
D	WTR036	50	51 DKG/(OR	1	0 (LIM)	M	SS
D	WTR036	51	52 DKG/(OR	1	0 (LIM)	M	SS
D	WTR036	52	53 DKG/(OR	1	0 (LIM)	F	SS
D	WTR036	53	54 DKG/(OR	1	0 (LIM)	F	SS
D	WTR036	54	55 DKG/(OR	1	0 (LIM)	F	SS
D	WTR036	55	56 DKG/(OR	2	0 (LIM)	F	SS
D	WTR036	56	57 DKG/(OR	5	0 (LIM)	F	SS
D	WTR036	57	58 DKG/(OR	1	0 (LIM)	M	SS

D	WTR036	58	59 DKG/(OR	2	0 (LIM)	M	SS
D	WTR036	59	60 DKG/(OR	10	0 (LIM)	M	SS
D	WTR036	60	61 DKG	0	0 FR		SS
D	WTR036	61	62 DKG/(OR	1	0 (LIM)		SS
D	WTR036	62	63 DKG/(OR	2	0 (LIM)		SS
D	WTR036	63	64 DKG/(OR	8	0 (LIM)		SS
D	WTR036	64	65 DKG/(OR	8	0 (LIM)		SS
D	WTR036	65	66 DKG/(OR	8	0 (LIM)		SS
D	WTR036	66	67 DKG	4	0 FR		MS
D	WTR036	67	68 DKG	1	0 FR		MS
D	WTR036	68	69 DKG	0	0 FR		MS
D	WTR036	69	70 DKG	0	0 FR		MS
D	WTR036	70	71 DKG	0	0 FR		MS
D	WTR036	71	72 DKG	0	0 FR		MS
D	WTR036	72	73 DKG	0	0 FR		MS
D	WTR036	73	74 DKG	0	0 FR		MS
D	WTR036	74	75 DKG	1	0 FR		SS
D	WTR036	75	76 DKG	0	0 FR		SS
D	WTR036	76	77 DKG	0	0 FR		SS
D	WTR036	77	78 DKG	0	0 FR		SS
D	WTR036	78	79 DKG	0	0 FR		SS
D	WTR036	79	80 DKG	1	0.5 FR		SS

EOF

APPENDIX IV
RC Drill Hole Assay Data

H2020 ID	File ID	Sample ID	From events	To events	Au	Al	Si	S	Ca	Fe	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Ta	Ti	V	Zn	Zr										
WTR029	WTR02901		4	8	11	20558		46	-0.5	-10	104																										
WTR029	WTR02902		5	6	13																																
WTR029	WTR02903		6	7	10																																
WTR029	WTR02904		8	12	131	2126	204	-0.5	-10	95	-2	-100	-0.5	62	-1	20	13	1.4	4864	33	600	22	-1	-100	5	59	14	51	-2	3	5	-2	16	-5	17	-2	9
WTR029	WTR02905		9	10	436																																
WTR029	WTR02906		10	11	103																																
WTR029	WTR02907		11	12	11																																
WTR029	WTR02908		12	15	10	1451	50	-0.5	-10	87	-2	-100	-0.5	52	-1	16	11	1.2	3181	28	400	43	-1	-100	6	76	14	-50	-2	2	8	-2	16	-5	13	-2	13
WTR029	WTR02909		13	14	2																																
WTR029	WTR02910		14	15	8																																
WTR029	WTR02911		15	16	1																																
WTR029	WTR02912		16	20	38	15760	89	-0.5	-10	112	-2	-100	-0.5	55	-1	18	12	0.86	4214	29	500	27	-1	-100	7	80	16	-50	-2	3	11	-2	21	-5	15	-2	12
WTR029	WTR02913		17	17	1																																
WTR029	WTR02914		17	18	11																																
WTR029	WTR02915		18	19	26																																
WTR029	WTR02916		19	20	28																																
WTR029	WTR02917		20	24	90	18499	447	-0.5	-10	98	-2	-100	-0.5	68	5	19	26	2.73	4094	35	500	96	-1	-100	14	176	21	-50	2	4	7	-2	23	-5	16	-2	36
WTR029	WTR02918		21	22	36																																
WTR029	WTR02919		22	23	23																																
WTR029	WTR02920		23	24	25																																
WTR029	WTR02921		24	28	750	27970	352	-0.5	-10	105	-2	-100	-0.5	78	4	20	29	3.79	3884	40	500	60	-1	-100	14	231	28	-50	4	3	11	-2	15	-5	18	-2	52
WTR029	WTR02922		25	26	315																																
WTR029	WTR02923		26	27	117																																
WTR029	WTR02924		27	28	13																																
WTR029	WTR02925		28	32	359	9822	82	-0.5	-10	104	-2	-100	-0.5	68	-1	13	11	1.51	2309	34	300	37	-1	-100	8	141	16	-50	-2	1	15	-2	18	-5	10	-2	25
WTR029	WTR02926		29	30	45																																
WTR029	WTR02927		29	30	63																																
WTR029	WTR02928		30	31	133																																
WTR029	WTR02929		31	32	181																																
WTR029	WTR02930		32	36	218	2676	72	-0.5	-10	77	-2	-100	-0.5	54	6	19	19	3.18	2478	27	2400	98	-1	-100	20	191	15	1662	-2	2	10	-2	19	-5	14	-2	64
WTR029	WTR02931		33	34	203																																
WTR029	WTR02932		33	34	203																																
WTR029	WTR02933		34	35	117																																
WTR029	WTR02934		35	36	103																																
WTR029	WTR02935		36	40	204	19011	39	0.5	-10	159	-2	-100	-0.5	53	13	26	25	2.87	3030	28	8100	272	-1	-100	38	140	29	2769	-2	2	21	-2	30	-5	19	-2	85
WTR029	WTR02936		37	38	69																																
WTR029	WTR02937		38	39	371																																
WTR029	WTR02938		39	39	74																																
WTR029	WTR02939		40	44	74	26268	33	-0.5	-10	123	-2	-100	-0.5	57	13	27	20	3.06	3213	30	8600	291	-1	-100	39	121	23	1936	-2	2	21	-2	39	-5	20	-2	107
WTR029	WTR02940		41	42	70																																
WTR029	WTR02941		41	42	70																																
WTR029	WTR02942		42	43	270																																
WTR029	WTR02943		43	44	206																																
WTR029	WTR02944		44	48	153	20747	52	-0.5	-10	115	-2	-100	-0.5	69	14	28	21	3.01	3492	36	8400	273	-1	-100	41	110	19	974	-2	2	18	-2	31	-5	19	-2	108
WTR029	WTR02945		45	46	394																																
WTR029	WTR02946		45	46	37																																
WTR029	WTR02947		46	47	34																																
WTR029	WTR02948		47	48	43																																
WTR029	WTR02949		48	52	25	19429	37	-0.5	-10	95	-2	-100	-0.5	65	13	25	17	2.81	3145	34	7900	259	-1	-100	38	102	19	615	-2	2	14	-2	21	-5	17	-2	98
WTR029	WTR02950		49	50	34																																
WTR029	WTR02951		49	50	34																																
WTR029	WTR02952		50	51	40																																
WTR029	WTR02953		51	52	164																																
WTR029	WTR02954		52	56	474	19328	400	0.6	-10	99	-2	-100	-0.5	55	13	26	17	2.84	2868	29	7900	266	-1	-100	39	114	21	1970	-2	2	17	-2	23	-5	17	-2	101
WTR029	WTR02955		53	54	422																																
WTR029	WTR02956		54	55	39																																
WTR029	WTR02957		55	55	25																																
WTR029	WTR02958		56	60	1554	21184	66	0.7	-10	78	-2	-100	-0.5	51	15	28	27	3.4	3796	27	9500	345	-1	-100	46	322	27	4596	-2	2	13	-2	28	-5	21	-2	114
WTR029	WTR02959		57	58	1007																																
WTR029	WTR02960		58	58	1259																																

H2020 ID	Task ID	Sample ID	From	To	Av	Al	As	Ag	B	Ba	Bi	Ca	Cl	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Ni	P	Pb	S	Se	Si	Sr	Ta	Ti	V	Zn					
Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020	Hz020						
	W87220	W87220	3	4	14																																	
	W87221	W87221	4	5	46		17028	304	-0.5	-10	70	-2	-100	-0.5	67	1	22	20	2.07	3094	32	400	24	-1	-100	7	66	19	52	-2	3	6	-2	11	-5	15	-2	21
	W87222	W87222	5	6	28																																	
	W87223	W87223	6	7	36																																	
	W87224	W87224	7	8	22		9742	227	-0.5	-10	90	-2	-100	-0.5	70	-1	15	19	2.1	2059	37	300	28	-1	-100	6	93	34	50	-2	2	11	-2	9	-5	13	-2	18
	W87225	W87225	8	9	11																																	
	W87226	W87226	9	10	12																																	
	W87227	W87227	10	11	21																																	
	W87228	W87228	11	12	165																																	
	W87229	W87229	12	13	87		17567	229	-0.5	-10	141	-2	-100	-0.5	68	-1	20	18	2.48	3631	37	500	21	-1	-100	8	127	32	53	-2	3	14	-2	12	-5	20	-2	29
	W87230	W87230	13	14	138																																	
	W87231	W87231	14	15	78																																	
	W87232	W87232	15	16	83																																	
	W87233	W87233	16	17	14																																	
	W87234	W87234	17	18	333																																	
	W87235	W87235	18	19	322																																	
	W87236	W87236	19	20	147																																	
	W87237	W87237	20	21	48		17912	43	-0.5	-10	121	-2	-100	-0.5	55	5	20	18	1.78	3757	30	1200	63	-1	-100	18	147	17	521	-2	2	14	-2	19	-5	18	-2	37
	W87238	W87238	21	22	81																																	
	W87239	W87239	22	23	42																																	
	W87240	W87240	23	24	14																																	
	W87241	W87241	24	25	24																																	
	W87242	W87242	25	26	165																																	
	W87243	W87243	26	27	32																																	
	W87244	W87244	27	28	96																																	
	W87245	W87245	28	29	104																																	
	W87246	W87246	29	30	89																																	
	W87247	W87247	30	31	231																																	
	W87248	W87248	31	32	33																																	
	W87249	W87249	32	33	189																																	
	W87250	W87250	33	34	172																																	
	W87251	W87251	34	35	200																																	
	W87252	W87252	35	36	238																																	
	W87253	W87253	36	37	202		22113	381	-0.5	-10	133	-2	-100	-0.5	64	13	26	25	2.97	4653	34	8500	339	-1	-100	41	132	23	2715	3	3	18	-2	23	-5	23	-2	91
	W87254	W87254	37	38	252																																	
	W87255	W87255	38	39	158																																	
	W87256	W87256	39	40	154																																	
	W87257	W87257	40	41	223																																	
	W87258	W87258	41	42	8																																	
	W87259	W87259	42	43	207																																	
	W87260	W87260	43	44	60																																	
	W87261	W87261	44	45	30																																	
	W87262	W87262	45	46	57																																	
	W87263	W87263	46	47	81																																	
	W87264	W87264	47	48	81																																	
	W87265	W87265	48	49	17556		59	-0.5	-10	66	-2	-100	-0.5	48	10	34	19	2.69	2610	26	8000	244	-1	-100	42	443	13	330	3	3	13	-2	25	-5	20	-2	67	
	W87266	W87266	49	50	24		20313	28	-0.5	-10	85	-2	-100	-0.5	53	11	38	15	2.7	3516	28	8100	210	-1	-100	42	488	13	330	3	3	13	-2	29	-5	23	-2	74
	W87267	W87267	50	51	24		14573	31	-0.5	-10	59	-2	-100	-0.5	59	9	37	10	2.41	2462	20	8000	224	-1	-100	39	501	8	289	4	3	11	-2	108	-5	20	-2	85
	W87268	W87268	51	52	7		18961	42	-0.5	-10	66	-2	-100	-0.5	56	13	37	19	3.18	2961	30	9000	327	-1	-100	47	516	20	438	3	3	12	-2	84	-5	23	-2	85
	W87269	W87269	52	53	2		19325	40	-0.5	-10	74	-2	-100	-0.5	63	13	25	19	3.19	3070	35	8900	285	-1	-100	42	532											

APPENDIX V
RC Drill Hole Lithology Codes

Appendix V

Lithology codes

COLOURS

bf	Buff
br	Brown
gy	Grey
yw	Yellow
wt	White
rd	Red
cm	cream
og	Olive Green
lt	Light
dk	Dark

OXIDATION

LIM	Limonite
HM	Heamatite
GO	Geothite
MOT	Mottled
FR	Fresh

GRAIN SIZE

vfg	Very Fine Grained
fg	Fine Grained
mg	Medium Grained
cg	Coarse Grained

ROCK TYPES

SS	Sandstone
ST	Siltstone
SH	Shale
QTZ	Quartz Vein