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EXPLORATION LICENCE 3164 'Mongolata'

ANNUAL TECHNICAL REPORT

For the period 13 February 2004 to 12 February 2005

Marathon Resources Limited
Adelaide

April 2006

1:250,000 mapsheet Burra SI 54-5

1:100,000 mapsheet Florieton 6730

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3. Native Title
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1. EL 3164 Mongolata Location

File verification list and CD of digital files

SUMMARY

Year 1 in the term of EL 3164 "Mongolata" is the first full year under ownership of Bonanza Gold Pty Ltd.

The search for commercial porphyry copper-gold mineralisation in the licence has commenced with review of existing open file data and several site visits and an attempted small drilling program.

1. INTRODUCTION

Bonanza Gold has commenced exploration within its wholly owned Mongolata licence within the Nackara Arc of Adelaidean Geosyncline.

EL 3164 is located some 15 kilometres east of Burra. It covers an area of 377 square kilometres of generally flat to hilly pastoral country with good ground access (Figure 1). It is well- placed logistically, with bitumen roads along the western boundary and fully formed gravel roads throughout the tenement.

Exploration in the area has focused on the search for large porphyry copper-gold deposits.

2. TENURE

The Mongolata EL 3164 was granted to Bonanza Gold effective from 13 February 2004.

3. NATIVE TITLE

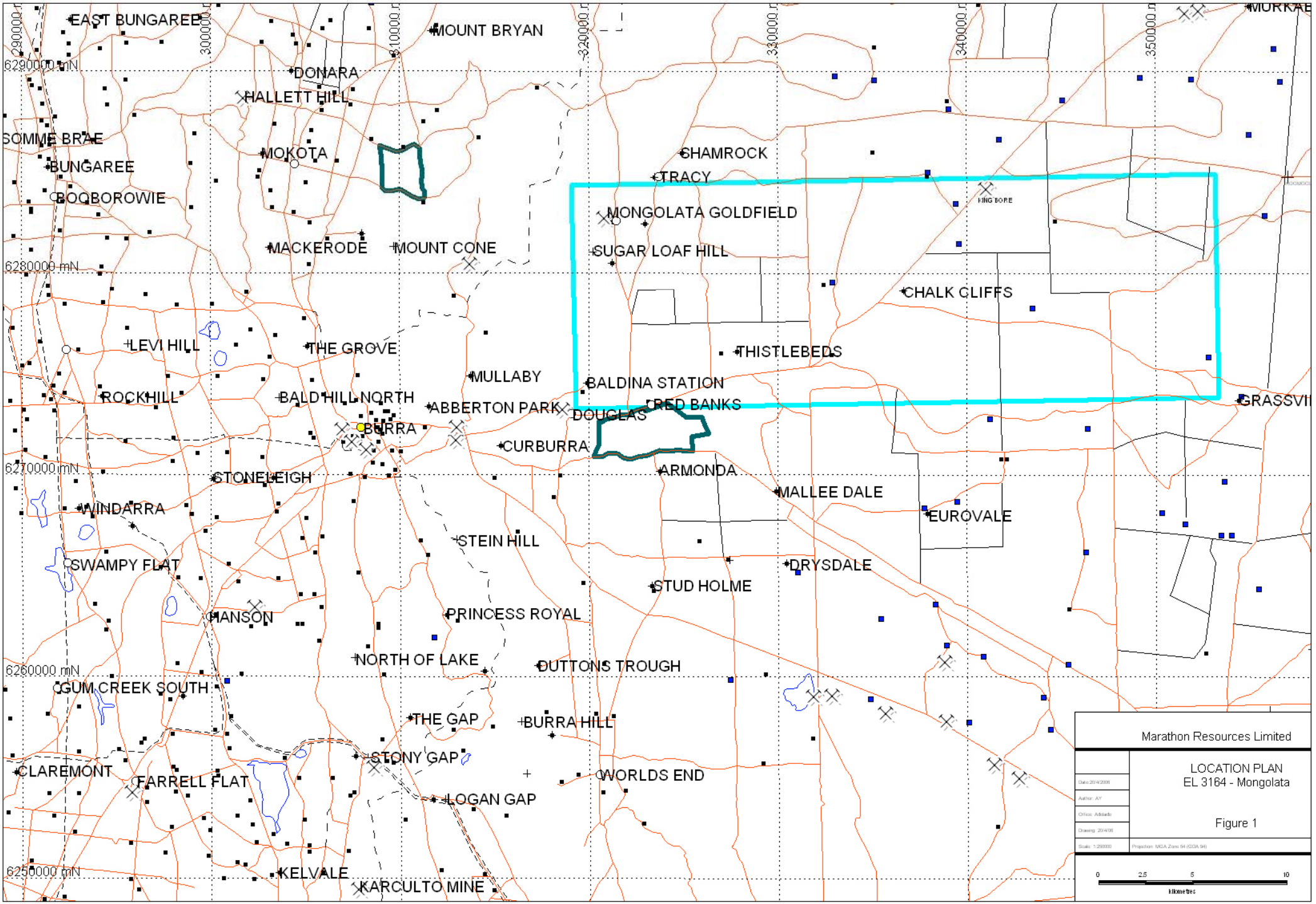
The Mongolata area is not subject to Native Title claims at this stage

4. GEOLOGY

The Mongolata property is located east of Burra and stretches from the hills formed by the Adelaidean Umberatana Group sediments out onto the flats of marginal Murray Basin sediments.

5. WORK COMPLETED

- Open file reports on past exploration were reviewed and an exploration summary plan prepared.
- Field visits were made to the area and an underground inspection was made of the Byles Mine; Mongolata Goldfield, 6 grab samples were taken around the old workings.
- Fourteen calcrete samples were collected for orientation purposes around the King Bore area; detailed locations were not reported.
- Air photograph interpretation was completed.
- Public domain aeromagnetic data was re-processed.
- Open file raw IP data was computer modelled.


EAST BUNGAREE
MOUNT BRYAN
DONARA
HALLETT HILL
SOMME BRAE
MOKOTA
BUNGAREE
BOOBOROWIE
SHAMROCK
TRACY
MONGOLATA GOLDFIELD
KING BORE
MACKERODE
MOUNT CONE
SUGAR LOAF HILL
CHALK CLIFFS
LEVI HILL
THE GROVE
THISTLEBEDS
MULLABY
BALDINA STATION
ROCKHILL
BALD HILL NORTH
ABBERTON PARK
DOUGLAS
RED BANKS
BURRA
CURBURRA
ARMONDA
STONELEIGH
MALLEE DALE
WINDARRA
EUROVALE
STEIN HILL
SWAMPY FLAT
DRYSDALE
STUD HOLME
HANSON
PRINCESS ROYAL
NORTH OF LAKE
DUTTONS TROUGH
GUM CREEK SOUTH
THE GAP
BURRA HILL
STONY GAP
CLAREMONT
FARRELL FLAT
WORLDS END
LOGAN GAP
KELVALE
KARCULTO MINE
6290000 mN
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6250000 mN
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320000 m
330000 m
340000 m
350000 m
Marathon Resources Limited
LOCATION PLAN
EL 3164 - Mongolata
Figure 1
0
2.5
5
10
kilometres

- A small drilling program was attempted in the area of King Bore during the period. The drilling rig was unable to penetrate the loose surface sands and no down-hole samples were collected. Only 35m of RAB drilling in numerous holes to a maximum depth of about 5m was achieved. As no hole was successful collar locations were not recorded by the site personnel.

7. EXPENDITURE

Geology – Salaries/Consultants	16,962
Tenement Maintenance	2,025
Accommodation/Meals	7,973
Assays	252
Drilling	875
Vehicle Fuels/Oils	145
Geophysical Consultant	2,500
Open file Geophysical Data & Processing	1,100
Administration/Overheads	3,686
Total Expenditure	**$35,518**

Appendix 1

Assay Job List

Appendix 1 - Assay Job List

OrderNo	SampleType	DateReceivedByLab	DateReported	LabJobNo	SampleNumbers	NoOfSamples	Laboratory	ElementsAssayed
SMA:371370	rock	17/06/2003	8/07/2003	3AD1271	BylesMine 1A,1B,1C BylesMine 4-6	6	Amdel	Au Ag As Bi Cd Co Cu Mo Ni Pb Sb Se Te Th Tl U Zn
542	calcrete	9/02/2005	1/03/2005	1080.0/0500949	0001-0014	14	Genalysis	Au Ag Cu Pb U Zn

Appendix 2

Geochemical Results - Byles Mine - rock

Refer to asci file: EL3164_2005_A_02_SurfaceGeochemRock.txt

Appendix 2 - Geochemical Results - Byles Mine - rock

	SampleID	EastingGDA94Z54	NorthingGDA94Z54	Type	Au	Au dp1	Ag	As	Bi	Cd	Co	Cu	Mo	Ni	Pb
Units		metres	metres		ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
AssayCode					ARM2	ARM2	ARM2	ARM2	ARM2	ARM2	ARM2	ARM2	ARM2	ARM2	ARM2
LDL					1	1	0.05	0.5	0.1	0.1	0.2	0.2	0.1	1	0.2
	Byles Mine 1A	320870	6282780	rock	4		0.2	2.5	0.2	1.1	3.3	43	0.4	5	115
	Byles Mine 1B	320870	6282780	rock	4		0.05	8.5	<0.1	0.8	7.5	15	0.2	11	58
	Byles Mine 1C	320870	6282780	rock	7	7	0.25	6	<0.1	2.7	6.5	17	0.6	25	360
	Byles Mine 2	320870	6282780	rock	152		0.75	27	<0.1	<0.1	27.5	23.5	1	36	33
	Byles Mine 3	320870	6282780	rock	381		0.1	110	0.7	<0.1	8	39.5	0.5	10	0.9
	Byles Mine 4	320870	6282780	rock	11		0.1	66	0.3	<0.1	15.5	86	1.1	10	2.6

Appendix 2 - Geochemical Results - Byles Mine - rock

	SampleID	Sb	Se	Te	Th	Tl	U	Zn	Laboratory	JobNo
Units		ppm	ppm	ppm	ppm	ppm	ppm	ppm		
AssayCode		ARM2	ARM2	ARM2	ARM2	ARM2	ARM2	ARM2		
LDL		0.1	0.5	0.1	0.02	0.1	0.2	0.5	Amdel	3AD1271
	Byles Mine 1A	0.2	<0.5	<0.1	0.68	<0.1	0.43	260	Amdel	3AD1271
	Byles Mine 1B	0.2	<0.5	<0.1	3.6	0.1	0.48	240	Amdel	3AD1271
	Byles Mine 1C	0.2	<0.5	<0.1	0.8	<0.1	0.42	185	Amdel	3AD1271
	Byles Mine 2	<0.1	3	<0.1	1	<0.1	1.5	30.5	Amdel	3AD1271
	Byles Mine 3	0.1	3.5	<0.1	0.26	<0.1	0.42	0.5	Amdel	3AD1271
	Byles Mine 4	0.1	1	<0.1	5	<0.1	0.83	14.5	Amdel	3AD1271

Appendix 3

Geochemical Results - King Bore Area - calcrete

Refer to asci file: EL3164 _2005_A_03_SurfaceGeochemCalcrete.txt

Appendix 3 - Geochemical Results - King Bore Area - calcrete

	SampleNo	EastingGDA94Z54	NorthingGDA94Z54	Type	Au	Ag	Cu	Pb	U	Zn	Laboratory	JobNo
Units		metres	metres		ppm	ppm	ppm	ppm	ppm	ppm		
AssayCode					B/MS	B/MS	B/AAS	B/MS	B/MS	B/AAS		
LDL					1	0.01	1	1	0.01	1		
	1	341100	6284200	calcrete	6	0.02	16	3	0.2	8	Genalysis	1080.0/0500949
	2	341100	6284200	calcrete	6	0.02	11	4	0.62	10	Genalysis	1080.0/0500949
	3	341100	6284200	calcrete	4	0.01	17	5	0.3	11	Genalysis	1080.0/0500949
	4	341100	6284200	calcrete	x	0.01	9	6	0.53	14	Genalysis	1080.0/0500949
	5	341100	6284200	calcrete	x	x	10	5	0.59	13	Genalysis	1080.0/0500949
	6	341100	6284200	calcrete	2	x	15	3	0.27	11	Genalysis	1080.0/0500949
	7	341100	6284200	calcrete	3	x	14	3	0.36	11	Genalysis	1080.0/0500949
	8	341100	6284200	calcrete	2	x	14	3	0.23	11	Genalysis	1080.0/0500949
	9	341100	6284200	calcrete	5	0.01	16	3	0.21	10	Genalysis	1080.0/0500949
	10	341100	6284200	calcrete	3	x	16	4	0.23	13	Genalysis	1080.0/0500949
	11	341100	6284200	calcrete	1	x	17	4	0.23	11	Genalysis	1080.0/0500949
	12	341100	6284200	calcrete	2	0.01	18	4	0.32	13	Genalysis	1080.0/0500949
	13	341100	6284200	calcrete	2	0.03	13	5	0.28	10	Genalysis	1080.0/0500949
	14	341100	6284200	calcrete	4	0.03	17	6	0.34	25	Genalysis	1080.0/0500949

Appendix 4

Laboratory Reports

MINERAL CHEMISTRY
Amdel Laboratories Ltd
PO Box 338
Torrensville Plaza SA 5031
ACN 009 076 555
Telephone (08) 8416 5300
Facsimile (08) 8234 0321

Sam Appleyard
Lynch Meyer
GPO Box 467
ADELAIDE SA 5001

FINAL ANALYSIS REPORT

Your Order No: SMA:371370 Our Job Number : 3AD1271

Sample rec'd : 17/06/03 Results reported : 08/07/03

No. of samples : 6

Results apply to sample(s) as submitted by client.

Report comprises a cover sheet and pages: 1 to 3

Approved:

Alan Ciplys
Manager, Geoanalytical Central Region

Report Codes:
N.A. - Not Available.
L.N.R. - Listed But Not Received.
I.S. - Insufficient Sample.

Distribution Codes:
CC - Carbon Copy
EM - Electronic Media
MM - Magnetic Media

*** Please Note ***

1) The results for elements 'Al, Ba, Cr, Ti, W, Zr, Sn' by code IC3E digest are acid soluble only, and results may be semi-quantative.
'K' values >1% by code IC3E may bias low due to the insolubility of potassium perchlorate.

2) Total 'Fe' is analysed but is calculated and reported as 'Fe2O3'

Job: 3AD1271
O/N: SMA:371370

Final

ANALYTICAL REPORT

SAMPLE	Au	Au Dp1	Ag	As	Bi	Cd	Co
BYLES MINE #1A	4	--	0.20	2.5	0.2	1.1	3.3
BYLES MINE 1B	4	--	0.05	8.5	<0.1	0.8	7.5
BYLES MINE 1C	7	7	0.25	6.0	<0.1	2.7	6.5
BYLES MINE #2	152	--	0.75	27.0	<0.1	<0.1	27.5
BYLES MINE #3	381	--	0.10	110	0.7	<0.1	8.0
BYLES MINE #4	11	--	0.10	66	0.3	<0.1	15.5
UNITS	ppb	ppb	ppm	ppm	ppm	ppm	ppm
DET.LIM	1	1	0.05	0.5	0.1	0.1	0.2
SCHEME	ARM2	ARM2	ARM2	ARM2	ARM2	ARM2	ARM2

Job: 3AD1271
O/N: SMA:371370

Final

ANALYTICAL REPORT

SAMPLE	Cu	Mo	Ni	Pb	Sb	Se	Te
BYLES MINE #1A	43.0	0.4	5	115	0.2	<0.5	<0.1
BYLES MINE 1B	15.0	0.2	11	58	0.2	<0.5	<0.1
BYLES MINE 1C	17.0	0.6	25	360	0.2	<0.5	<0.1
BYLES MINE #2	23.5	1.0	36	33.0	<0.1	3.0	<0.1
BYLES MINE #3	39.5	0.5	10	0.9	0.1	3.5	<0.1
BYLES MINE #4	86	1.1	10	2.6	0.1	1.0	<0.1
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DET.LIM	0.2	0.1	1	0.2	0.1	0.5	0.1
SCHEME	ARM2	ARM2	ARM2	ARM2	ARM2	ARM2	ARM2

Job: 3AD1271
O/N: SMA:371370

Final

ANALYTICAL REPORT

SAMPLE	Th	Tl	U	Zn
BYLES MINE #1A	0.68	<0.1	0.43	260
BYLES MINE 1B	3.6	0.1	0.48	240
BYLES MINE 1C	0.80	<0.1	0.42	185
BYLES MINE #2	1.00	<0.1	1.50	30.5
BYLES MINE #3	0.26	<0.1	0.42	0.5
BYLES MINE #4	5.0	<0.1	0.83	14.5
UNITS	ppm	ppm	ppm	ppm
DET.LIM	0.02	0.1	0.02	0.5
SCHEME	ARM2	ARM2	ARM2	ARM2

Mongolata

ANALYTICAL REPORT

S le PLASTRIER
PENINSULA EXPLORATION PTY LTD
6/25 Norman Street
ADELAIDE, S.A. 5000
AUSTRALIA

JOB INFORMATION

JOB CODE	: 1080.0/0500949
No. of SAMPLES	: 14
No. of ELEMENTS	: 6
CLIENT O/N	: 00542
SAMPLE SUBMISSION No.	: 00542
PROJECT	: Kings Well
STATE	: Calcrete
DATE RECEIVED	: 09/02/2005
DATE COMPLETED	: 01/03/2005
DATE PRINTED	: 01/03/2005

LEGEND

X	= Less than Detection Limit
N/R	= Sample Not Received
*	= Result Checked
( )	= Result still to come
I/S	= Insufficient Sample for Analysis
E6	= Result X 1,000,000
UA	= Unable to Assay
>	= Value beyond Limit of Method

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ADELAIDE SAMPLE PREPARATION DIVISION
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JOHANNESBURG SAMPLE PREPARATION DIVISION
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Anderbolt, Gauteng, South Africa 1459.
Tel: +27 11 918 0869 Fax: +27 11 918 0879

SAMPLE DETAILS

DISCLAIMER

Genalysis Laboratory Services Pty Ltd wishes to make the following disclaimer pertaining to the accompanying analytical results.

Genalysis Laboratory Services Pty Ltd disclaims any liability, legal or otherwise, for any inferences implied from this report relating to either the origin of, or the sampling technique employed in the collection of, the submitted samples.

SIGNIFICANT FIGURES

It is common practice to report data derived from analytical instrumentation to a maximum of two or three significant figures. Some data reported herein may show more figures than this. The reporting of more than two or three figures in no way implies that the third, fourth and subsequent figures may be real or significant.

Genalysis Laboratory Services Pty Ltd accepts no responsibility whatsoever for any interpretation by any party of any data where more than two or three significant figures have been reported.

SAMPLE STORAGE DETAILS

GENERAL CONDITIONS

~~Have~~ Will contact Genalysis on 14/4/05 to say that storage not required.

SAMPLE STORAGE OF SOLIDS

Bulk Residues and Pulps will be stored for 60 DAYS without charge. After this time all Bulk Residues and Pulps will be stored at a rate of $1.50 per cubic metre per day until your written advice regarding collection or disposal is received. Expenses related to the return or disposal of samples will be charged to you at cost. Current disposal cost is charged at $50.00 per cubic metre.

SAMPLE STORAGE OF SOLUTIONS

Samples received as liquids, waters or solutions will be held for 60 DAYS free of charge then disposed of, unless written advice for return or collection is received.

ANALYSIS

ELEMENTS	Au	Ag	Cu	Pb	U	Zn
UNITS	ppb	ppm	ppm	ppm	ppm	ppm
DETECTION	1	0.01	1	1	0.01	1
DIGEST	B/	B/	B/	B/	B/	B/
ANALYTICAL FINISH	MS	MS	AAS	MS	MS	AAS
SAMPLE NUMBERS						
0001 01	6	0.02	16	3	0.20	8
0002 02	6	0.02	11	4	0.62	10
0003 03	4	0.01	17	5	0.30	11
0004 04	X	0.01	9	6	0.53	14
0005 05	X	X	10	5	0.59	13
0006 06	2	X	15	3	0.27	11
0007 07	3	X	14	3	0.36	11
0008 08	2	X	14	3	0.23	11
0009 09	5	0.01	16	3	0.21	10
0010 10	3	X	16	4	0.23	13
0011 11	1	X	17	4	0.23	11
0012 12	2	0.01	18	4	0.32	13
0013 13	2	0.03	13	5	0.28	10
0014 14	4	0.03	17	6	0.34	25
CHECKS						
0001 01	4	0.01	15	3	0.21	8
STANDARDS						
0001 AE12	85	0.91	93	49	1.36	93
BLANKS						
0001 Control Blank	2	0.03	X	X	X	X

METHOD CODE DESCRIPTION

B/MS

Aqua-Regia digest. Analysed by Inductively Coupled Plasma Mass Spectrometry.

B/AAS

Aqua-Regia digest. Analysed by Flame Atomic Absorption Spectrometry.

File Verification Listing of Digital Files Supplied on CD with Hard Copy Report

Verification Listing	VL1		
Exploration Work Type	**File_Name**	**Format**	**Description**
Office Studies			
Report	EL3164_2005_A_01_ReportBody.pdf	pdf	Annual report
Report	EL3164_2005_A_04_FileListing.txt	txt	List of digital files supplied on CD
Ground Exploration Surveys			
Geochemical Surveying			
Rock sample	EL3164_2005_A_02_SurfaceGeochemRock.txt	txt	Mongolata rock sample locations and assays
Calcrete	EL3164_2005_A_03_SurfaceGeochemCalcrete.txt	txt	Mongolata calcrete sample locations and assays

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EXPLORATION LICENCE 3164 'Mongolata'

ANNUAL TECHNICAL REPORT

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1:250,000 mapsheet Burra SI 54-5

1:100,000 mapsheet Florieton 6730

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SUMMARY

1. Introduction
2. Tenure
3. Native Title
4. Geology
5. Work Completed
   - 5.1 Geochemistry
   - 5.2 Geophysics
6. Discussion and Proposed Work
7. Expenditure

Appendices
1. Assay Job List
2. Geochemical Results - soil MMI
3. Geochemical Results - calcrete
4. Report and Images of Compiled Gravity & Magnetic data for Mongolata Area
5. Laboratory Reports

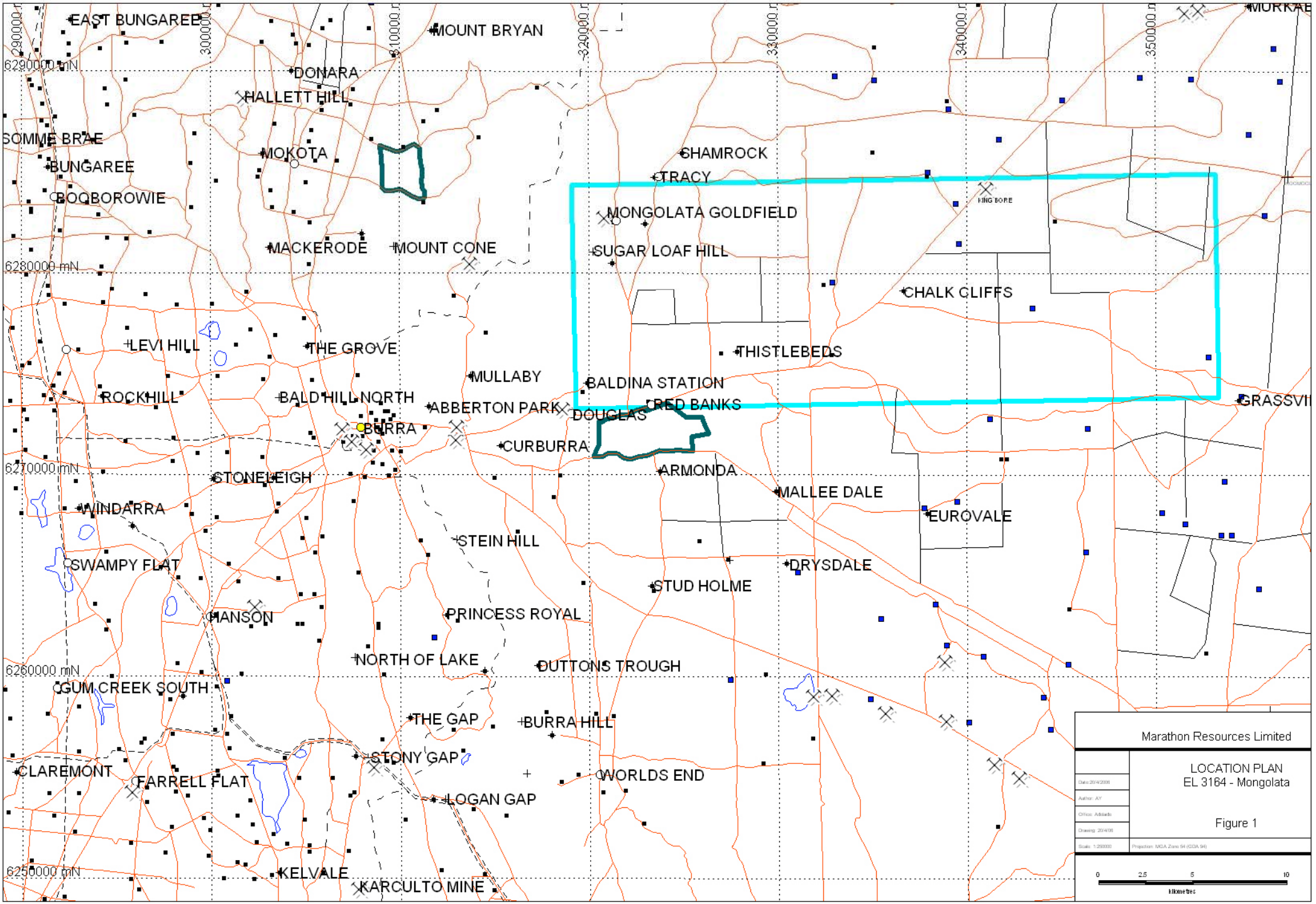
Figures
6. EL 3164 Mongolata Location
7. EL 3164 MMI Geochemical Sample Locations
8. EL 3164 Calcrete Sample Locations

File verification list and CD of digital files

SUMMARY

Year 2 in the term of EL 3164 "Mongolata" is the second year under ownership of Bonanza Gold Pty Ltd. Bonanza became a wholly owned subsidiary of Marathon Resources Limited and Marathon become manager of the project.

The search for commercial porphyry copper-gold mineralisation in the licence has continued with review of existing geophysical data, several site visits and an initial soil and calcrete sampling program.


EAST BUNGAREE
MOUNT BRYAN
DONARA
HALLETT HILL
SOMME BRAE
MOKOTA
BUNGAREE
BOOBOROWIE
SHAMROCK
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MONGOLATA GOLDFIELD
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MOUNT CONE
SUGAR LOAF HILL
CHALK CLIFFS
LEVI HILL
THE GROVE
THISTLEBEDS
MULLABY
BALDINA STATION
ROCKHILL
BALD HILL NORTH
ABBERTON PARK
DOUGLAS
RED BANKS
BURRA
CURBURRA
ARMONDA
STONELEIGH
MALLEE DALE
WINDARRA
EUROVALE
STEIN HILL
SWAMPY FLAT
DRYSDALE
STUD HOLME
HANSON
PRINCESS ROYAL
NORTH OF LAKE
DUTTONS TROUGH
GUM CREEK SOUTH
THE GAP
BURRA HILL
STONY GAP
CLAREMONT
FARRELL FLAT
WORLDS END
LOGAN GAP
KELVALE
KARCULTO MINE
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6270000 mN
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6250000 mN
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320000 m
330000 m
340000 m
350000 m
Marathon Resources Limited
LOCATION PLAN
EL 3164 - Mongolata
Figure 1
0
2.5
5
10
kilometres

1. INTRODUCTION

Marathon Resources Limited has commenced exploration within its wholly owned Mongolata licence within the Nackara Arc of Adelaidean Geosyncline.

EL 3164 is located some 15 kilometres east of Burra. It covers an area of 377 square kilometres of generally flat to hilly pastoral country with good ground access (Figure 1). It is well- placed logistically, with bitumen roads along the western boundary and fully formed gravel roads throughout the tenement.

Exploration in the area has focused on the search for large porphyry copper-gold deposits.

Marathon has completed detailed review of gravity and magnetic data.

2. TENURE

The Mongolata EL 3164 was granted to Bonanza Gold effective from 13 February 2004. Marathon became manager of the project on listing in March 2005 when Bonanza became a wholly owned subsidiary.

3. NATIVE TITLE

The Mongolata area is not subject to Native Title claims at this stage

4. GEOLOGY

The Mongolata property is located east of Burra and stretches from the hills formed by the Adelaidean Umberatana Group sediments out onto the flats of marginal Murray Basin sediments.

5. WORK COMPLETED

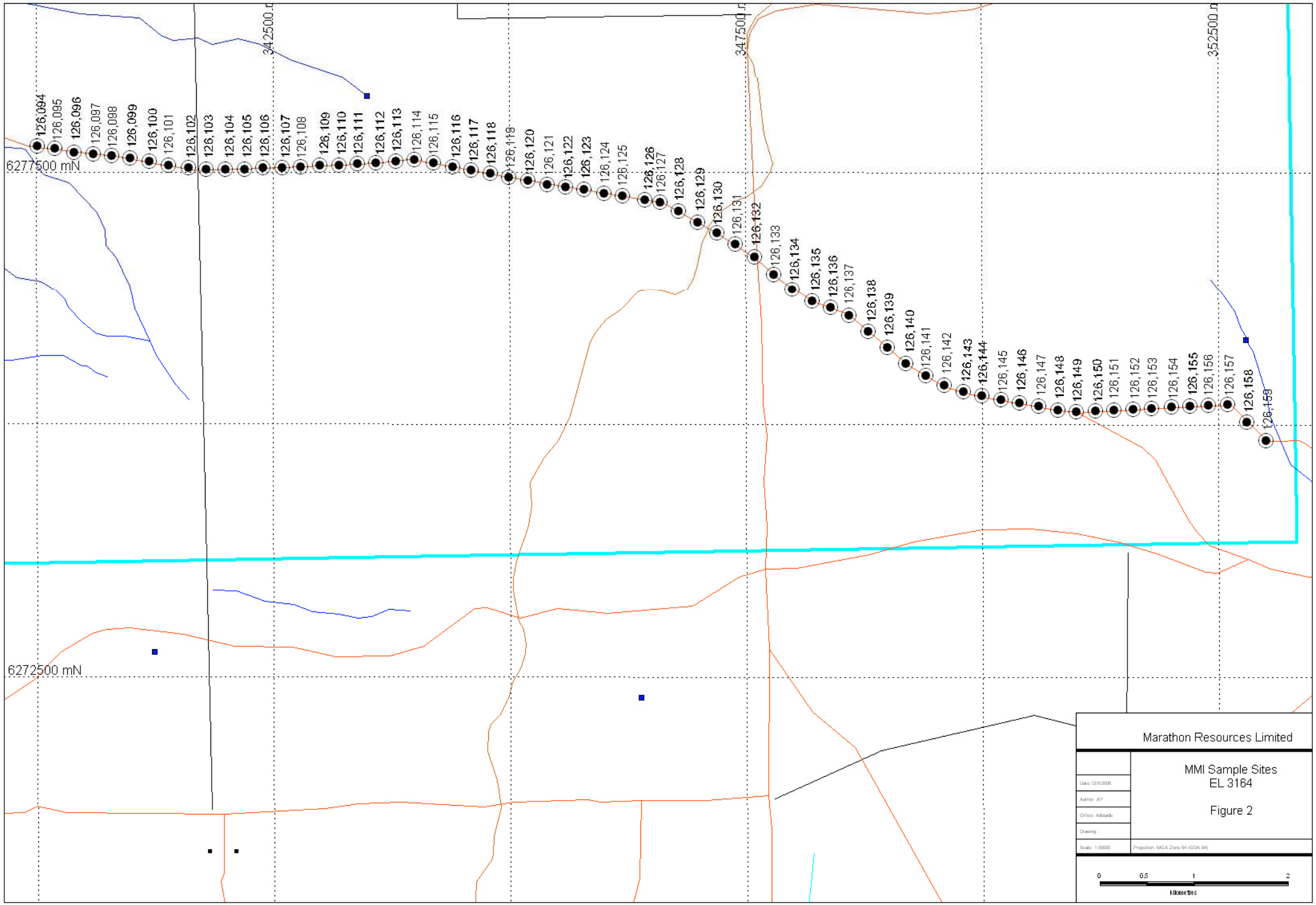
5.1 Geochemistry

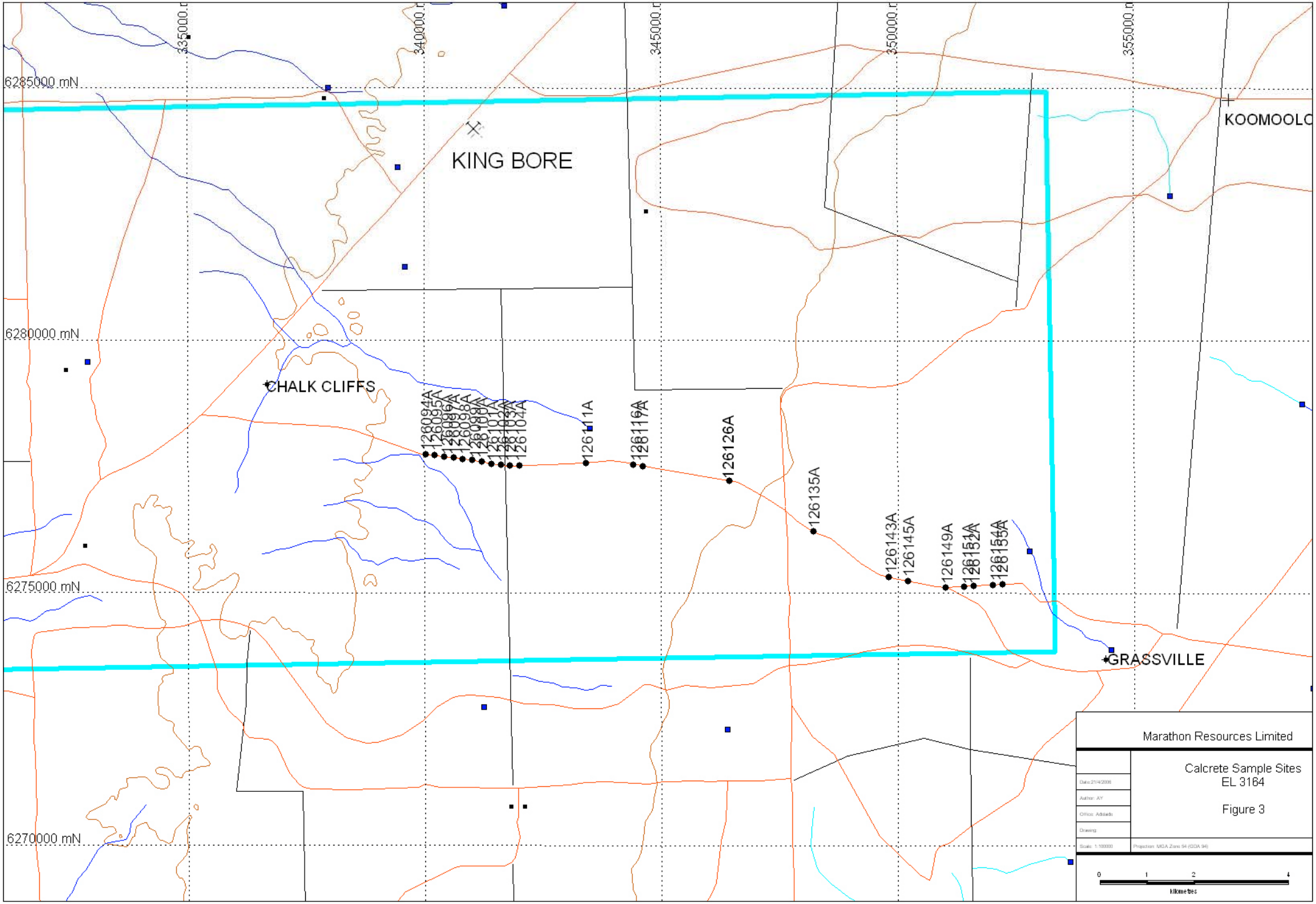
A geochemical orientation sampling traverse was instigated to determine the suitability of calcrete sampling and soil sampling to with conventional and Mobile Metal Ions partial leach analytical techniques (Figures 1 and 2).

Samples were collected from the same site with fewer calcrete samples being collected because of its variable distribution. A total of 66 soil samples and 23 calcrete samples were collected (Appendices 1 and 2)

5.2 Geophysics

The aeromagnetic and gravity data covering the tenement were reviewed (Appendix 3) and a small program was recommended to provide sufficient gravity data to allow a reasoned judgement to be made.


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Marathon Resources Limited
MMI Sample Sites
EL 3164
Figure 2
Date: 12/5/2008
Author: AY
Office: Adelaide
Drawing:
Scale: 1:50000
Projection: MGA Zone 54 (GDA 94)
0
0.5
1
2
Kilometres


335000 mE
340000 mE
345000 mE
350000 mE
355000 mE
6285000 mN
6280000 mN
6275000 mN
6270000 mN
KING BORE
KOOMOOLO
CHALK CLIFFS
GRASSVILLE
126111A
126116A
126126A
126135A
126143A
126145A
126149A
Marathon Resources Limited
Calcrete Sample Sites
EL 3164
Figure 3
0
1
2
4
kilometres

6. PROPOSED WORK

Based on the significant responses obtained from the soil and calcrete samples a more extensive grid based sampling program will be initiated in the near future.

7. EXPENDITURE

Geology – Salaries/Consultants	3,488
Field Wages	5,421
Tenement Maintenance	652
Accommodation/Meals	1,239
Assays	2,726
Consumables	271
Vehicle Fuels/Oils	753
Geophysical Consultant	1,200
Open file Data	30
Freight	50
Tenement Rentals/renewals/transfers	1,883
Administration/Overheads	1,051
Total Expenditure	**$18,764**

Appendix 1

Assay Job List

Appendix 1 - Assay Job List

OrderNo	SampleType	DateReceivedByLab	DateReported	LabJobNo	SampleNumbers	NoOfSamples	Laboratory	ElementsAssayed
00ST1109/3164-1	soil-MMI	15/09/2005	4/10/2005	PH05077250	1260094-126159	66	ALS Chemex	Ag Au Ce Cu Li Ni Pb Pd Se U Zn
3164-1	calcrete	15/09/2005	11/10/2005	PH05077625	126094A-126104A 126111A 126116A-17A 126126A, 126135A 126143A, 126145A 126149A 126151A-52A 126154A-55A	23	ALS Chemex	Au Pt Pd Ag Al As B Ba Be Bi Ca Cd Ce Co Cr Cs Cu Fe Ga Ge Hf Hg In K La Li Mg Mn Mo Na Nb Ni P Pb Rb Re S Sb Sc Se Sn Sr Ta Te Th Ti Tl U V W Y Zn Zr

Appendix 2

Geochemical Results - soil MMI

Refer to asci file: EL3164_2006_A_04_SurfaceGeochemMMI.txt

Appendix 2 - Geochemical Results - MMI

	SampleNo	EastingGDA94Z54	NorthingGDA94Z54	Type	Ag	Au	Ce	Cu	Li	Ni	Pb	Pd	Se
Unit		metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
AssayCode					ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17
LDL					0.1	0.1	0.1	10	0.2	3	10	0.1	2
	126094	340015	6277750	MMI	5.9	0.2	7.2	710	27.2	332	30	0.1	3
	126095	340200	6277725	MMI	4.8	0.3	5.1	840	33.2	454	30	0.1	3
	126096	340405	6277690	MMI	7.6	0.3	5.3	1060	33.5	435	30	0.2	<2
	126097	340605	6277675	MMI	7.9	0.6	1.8	1740	48.2	556	10	<0.1	8
	126098	340805	6277655	MMI	7.2	0.2	19.1	840	38.8	351	30	0.2	2
	126099	341000	6277635	MMI	8.6	0.3	4.4	1100	75.5	489	20	0.1	<2
	126100	341200	6277600	MMI	4.7	0.2	3.5	660	39.7	326	20	0.1	<2
	126101	341405	6277560	MMI	4.1	0.4	1.9	1180	55.5	444	20	0.1	4
	126102	341610	6277535	MMI	8.4	0.7	0.8	690	79.6	449	10	0.1	78
	126103	341800	6277520	MMI	4.8	0.3	1.5	1060	53.6	399	20	0.1	4
	126104	342005	6277525	MMI	6.5	0.4	10.4	820	20.6	413	20	0.2	<2
	126105	342205	6277525	MMI	8	0.6	1.4	970	48.8	374	30	0.3	8
	126106	342400	6277535	MMI	10.3	0.7	1.8	830	31.5	300	20	0.5	5
	126107	342605	6277540	MMI	16.5	1.1	0.5	1090	43.5	451	20	0.4	<2
	126108	342800	6277545	MMI	14.3	0.5	9.6	720	54.3	235	30	0.3	2
	126109	343000	6277560	MMI	17.1	0.7	8.4	1000	54.4	283	20	0.3	3
	126110	343205	6277565	MMI	7.1	0.4	4.2	670	22.2	219	20	0.7	5
	126111	343405	6277575	MMI	10.1	0.9	3.7	1150	52.8	350	10	0.1	<2
	126112	343600	6277585	MMI	18.7	1.1	<0.1	1440	82.1	613	30	0.3	51
	126113	343805	6277600	MMI	8.8	0.3	2.8	970	24.6	314	20	0.5	9
	126114	344005	6277620	MMI	8.1	0.6	6.5	1010	38.4	377	20	0.1	3
	126115	344205	6277590	MMI	12.6	0.9	0.4	990	40.3	456	30	0.6	2
	126116	344405	6277550	MMI	9.1	0.3	2.2	820	42.7	260	20	<0.1	4
	126117	344605	6277515	MMI	6.5	0.4	5.4	950	35.2	356	20	0.1	6
	126118	344805	6277485	MMI	4.3	0.2	6.6	810	27	254	10	0.1	<2
	126119	345000	6277445	MMI	9.1	0.1	12.4	840	16	313	20	0.2	2
	126120	345205	6277415	MMI	12.3	0.6	1.7	790	23.1	305	20	0.7	3
	126121	345410	6277375	MMI	14.9	1	5	1080	38.9	377	20	0.1	<2
	126122	345605	6277350	MMI	14.2	2	1.7	1450	76	319	20	0.2	5

Appendix 2 - Geochemical Results - MMI

	SampleNo	U	Zn	Laboratory	JobNo
Unit		ppb	ppb		
AssayCode		ME-MS17	ME-MS17		
LDL		1	20		
	126094	2	<20	ALSChemex	PH05077250
	126095	2	<20	ALSChemex	PH05077250
	126096	2	<20	ALSChemex	PH05077250
	126097	1	<20	ALSChemex	PH05077250
	126098	1	<20	ALSChemex	PH05077250
	126099	1	<20	ALSChemex	PH05077250
	126100	2	<20	ALSChemex	PH05077250
	126101	2	<20	ALSChemex	PH05077250
	126102	1	<20	ALSChemex	PH05077250
	126103	2	<20	ALSChemex	PH05077250
	126104	1	<20	ALSChemex	PH05077250
	126105	1	<20	ALSChemex	PH05077250
	126106	2	<20	ALSChemex	PH05077250
	126107	2	<20	ALSChemex	PH05077250
	126108	1	<20	ALSChemex	PH05077250
	126109	1	<20	ALSChemex	PH05077250
	126110	5	<20	ALSChemex	PH05077250
	126111	1	<20	ALSChemex	PH05077250
	126112	1	<20	ALSChemex	PH05077250
	126113	2	<20	ALSChemex	PH05077250
	126114	1	<20	ALSChemex	PH05077250
	126115	3	<20	ALSChemex	PH05077250
	126116	1	<20	ALSChemex	PH05077250
	126117	1	<20	ALSChemex	PH05077250
	126118	2	<20	ALSChemex	PH05077250
	126119	1	<20	ALSChemex	PH05077250
	126120	5	<20	ALSChemex	PH05077250
	126121	1	<20	ALSChemex	PH05077250
	126122	1	<20	ALSChemex	PH05077250

Appendix 2 - Geochemical Results - MMI

	SampleNo	EastingGDA94Z54	NorthingGDA94Z54	Type	Ag	Au	Ce	Cu	Li	Ni	Pb	Pd	Se
Unit		metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
AssayCode					ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17
LDL					0.1	0.1	0.1	10	0.2	3	10	0.1	2
	126123	345800	6277325	MMI	18.2	1.6	1.6	1070	78.2	279	20	0.2	18
	126124	346005	6277290	MMI	16.3	1.4	2.9	1400	64.2	319	20	0.1	7
	126125	346200	6277265	MMI	8.8	1	4.1	1240	68.1	311	20	0.1	5
	126126	346440	6277225	MMI	2.8	0.3	1.1	220	12.6	192	<10	<0.1	<2
	126127	346600	6277200	MMI	7.7	0.9	0.5	320	24.6	178	<10	<0.1	<2
	126128	346800	6277115	MMI	4.8	1.1	3.3	1110	68.5	342	30	0.1	7
	126129	347000	6277005	MMI	3.5	0.7	2.9	1630	66.4	429	30	0.1	9
	126130	347200	6276900	MMI	4.7	0.8	2.3	1500	62.6	375	20	0.1	8
	126131	347400	6276790	MMI	11.2	0.4	8.8	1280	35.4	350	30	0.2	7
	126132	347600	6276660	MMI	10.5	0.5	5.3	1000	28.7	258	20	0.2	5
	126133	347805	6276485	MMI	9.9	0.4	3.7	910	47.7	261	20	0.1	2
	126134	348000	6276335	MMI	14.3	0.7	4.1	830	18.2	304	20	0.3	5
	126135	348210	6276220	MMI	7.2	0.8	7.3	1330	22.6	436	20	0.1	4
	126136	348400	6276155	MMI	10.8	0.7	5	1360	54.1	384	30	0.1	<2
	126137	348600	6276075	MMI	9.3	0.7	4.3	1700	44.5	385	20	<0.1	<2
	126138	348800	6275915	MMI	5.2	0.4	<0.1	800	20.3	277	20	<0.1	<2
	126139	349000	6275760	MMI	8.7	0.3	<0.1	800	17	204	20	0.1	<2
	126140	349200	6275600	MMI	13	0.5	<0.1	1240	41	348	30	0.1	<2
	126141	349405	6275475	MMI	7.3	0.2	<0.1	890	22.7	331	20	<0.1	2
	126142	349605	6275380	MMI	7.5	0.1	<0.1	680	13.4	271	20	0.2	<2
	126143	349805	6275320	MMI	5.5	0.6	0.2	1070	19.4	380	20	<0.1	<2
	126144	350005	6275280	MMI	10.2	0.6	<0.1	840	12	263	20	0.1	4
	126145	350205	6275240	MMI	7.4	0.2	<0.1	780	19.4	272	20	0.2	<2
	126146	350400	6275210	MMI	10.2	0.4	<0.1	820	34.2	360	30	0.1	3
	126147	350600	6275175	MMI	8.1	0.5	<0.1	850	28.6	270	20	<0.1	<2
	126148	350805	6275140	MMI	4.4	0.2	0.1	700	18.3	314	20	<0.1	<2
	126149	351000	6275125	MMI	4.5	0.2	<0.1	590	15.5	265	20	<0.1	<2
	126150	351200	6275130	MMI	11.6	0.5	<0.1	840	38.2	280	20	0.1	<2
	126151	351400	6275140	MMI	8.4	0.5	<0.1	960	31.7	465	30	<0.1	5

Appendix 2 - Geochemical Results - MMI

	SampleNo	U	Zn	Laboratory	JobNo
Unit		ppb	ppb		
AssayCode		ME-MS17	ME-MS17		
LDL		1	20		
	126123	1	<20	ALSChemex	PH05077250
	126124	1	<20	ALSChemex	PH05077250
	126125	1	<20	ALSChemex	PH05077250
	126126	1	<20	ALSChemex	PH05077250
	126127	1	<20	ALSChemex	PH05077250
	126128	2	<20	ALSChemex	PH05077250
	126129	2	<20	ALSChemex	PH05077250
	126130	2	<20	ALSChemex	PH05077250
	126131	2	<20	ALSChemex	PH05077250
	126132	2	<20	ALSChemex	PH05077250
	126133	1	<20	ALSChemex	PH05077250
	126134	1	<20	ALSChemex	PH05077250
	126135	3	<20	ALSChemex	PH05077250
	126136	2	<20	ALSChemex	PH05077250
	126137	2	<20	ALSChemex	PH05077250
	126138	2	<20	ALSChemex	PH05077250
	126139	3	<20	ALSChemex	PH05077250
	126140	2	<20	ALSChemex	PH05077250
	126141	2	<20	ALSChemex	PH05077250
	126142	2	<20	ALSChemex	PH05077250
	126143	7	<20	ALSChemex	PH05077250
	126144	4	<20	ALSChemex	PH05077250
	126145	1	<20	ALSChemex	PH05077250
	126146	1	<20	ALSChemex	PH05077250
	126147	2	<20	ALSChemex	PH05077250
	126148	2	<20	ALSChemex	PH05077250
	126149	1	<20	ALSChemex	PH05077250
	126150	1	<20	ALSChemex	PH05077250
	126151	2	<20	ALSChemex	PH05077250

Appendix 2 - Geochemical Results - MMI

	SampleNo	EastingGDA94Z54	NorthingGDA94Z54	Type	Ag	Au	Ce	Cu	Li	Ni	Pb	Pd	Se
Unit		metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
AssayCode					ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17
LDL					0.1	0.1	0.1	10	0.2	3	10	0.1	2
	126152	351600	6275150	MMI	6.1	0.5	<0.1	990	32	421	30	0.1	6
	126153	351800	6275155	MMI	11.6	0.7	<0.1	910	33.1	313	30	0.1	9
	126154	352005	6275170	MMI	9.1	0.4	<0.1	1110	38.9	368	30	<0.1	8
	126155	352205	6275180	MMI	8.3	0.4	1	870	34.6	427	30	<0.1	3
	126156	352400	6275185	MMI	12	0.4	<0.1	1340	43.9	441	50	0.2	36
	126157	352600	6275195	MMI	9.1	1.2	1.7	760	52.4	518	40	0.1	12
	126158	352800	6275020	MMI	3.7	0.2	2.4	370	21.7	468	30	0.1	<2
	126159	353010	6274835	MMI	10.5	0.4	<0.1	680	19.2	322	20	<0.1	5

Appendix 2 - Geochemical Results - MMI

	SampleNo	U	Zn	Laboratory	JobNo
Unit		ppb	ppb		
AssayCode		ME-MS17	ME-MS17		
LDL		1	20		
	126152	2	<20	ALSChemex	PH05077250
	126153	2	<20	ALSChemex	PH05077250
	126154	2	<20	ALSChemex	PH05077250
	126155	2	<20	ALSChemex	PH05077250
	126156	3	<20	ALSChemex	PH05077250
	126157	2	<20	ALSChemex	PH05077250
	126158	2	<20	ALSChemex	PH05077250
	126159	1	<20	ALSChemex	PH05077250

Appendix 3

Geochemical Results - calcrete

Refer to asci file: EL3164_2006_A_05_SurfaceGeochemCalcrete.txt

Appendix 2 - Geochemical Results - Calcrete

	SampleNo	EastingGDA94Z54	NorthingGDA94Z54	Type	Au	Pt	Pd	Ag	Al	As	B	Ba
Unit		metres	metres		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
AssayCode					PGM-MS23	PGM-MS23	PGM-MS23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
LDL					0.001	0.0005	0.001	0.01	0.01	2	10	10
	126094A	340015	6277750	calcrete	0.033	0.0012	0.002	0.19	0.78	41	10	3170
	126095A	340200	6277725	calcrete	0.049	0.001	0.001	0.45	0.77	48	10	1820
	126096A	340405	6277690	calcrete	0.052	0.0011	0.001	0.77	1.57	68	10	1240
	126097A	340605	6277675	calcrete	0.007	0.0009	0.001	0.14	0.83	19	10	1180
	126098A	340805	6277655	calcrete	0.011	0.0012	0.002	0.12	1.11	11	20	1260
	126099A	341000	6277635	calcrete	0.01	0.0008	0.001	0.08	1.21	18	10	710
	126100A	341200	6277600	calcrete	0.006	0.0008	0.001	0.02	0.68	8	10	1760
	126101A	341405	6277560	calcrete	0.01	0.0012	0.002	0.04	0.66	12	10	1100
	126102A	341610	6277535	calcrete	0.009	0.0009	0.002	0.03	0.9	6	20	370
	126103A	341800	6277520	calcrete	0.007	0.001	0.002	0.03	0.89	9	20	520
	126104A	342005	6277525	calcrete	0.007	0.0015	0.003	<0.01	0.93	8	20	2930
	126111A	343405	6277575	calcrete	0.008	0.0009	0.001	0.02	1.74	9	20	180
	126116A	344405	6277550	calcrete	0.003	0.0008	0.001	0.02	0.88	8	10	240
	126117A	344605	6277515	calcrete	0.004	0.001	0.001	<0.01	0.87	7	10	260
	126126A	346440	6277225	calcrete	0.014	0.0009	0.001	0.01	0.69	8	10	130
	126135A	348210	6276220	calcrete	0.006	0.0008	0.001	0.01	0.57	8	10	170
	126143A	349805	6275320	calcrete	0.002	0.0009	0.001	<0.01	0.56	5	10	390
	126145A	350205	6275240	calcrete	0.009	0.0012	0.002	0.02	0.7	9	10	170
	126149A	351000	6275125	calcrete	0.003	0.0009	0.001	<0.01	0.71	8	10	170
	126151A	351400	6275140	calcrete	0.003	0.0009	0.001	<0.01	0.87	4	10	120
	126152A	351600	6275150	calcrete	0.004	0.0011	0.002	0.05	0.79	7	10	170
	126154A	352005	6275170	calcrete	0.008	0.001	0.002	<0.01	1.07	5	10	760
	126155A	352205	6275180	calcrete	0.002	0.001	0.001	<0.01	0.71	7	<10	110

Appendix 2 - Geochemical Results - Calcrete

	SampleNo	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf
Unit		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
AssayCode		ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
LDL		0.05	0.01	0.01	0.01	0.02	0.1	1	0.05	0.2	0.01	0.05	0.05	0.02
	126094A	0.42	0.36	22.1	0.38	15.3	6.3	19	0.44	20.1	3.03	2.65	<0.05	0.19
	126095A	0.35	0.39	>25.0	0.59	11.15	6.3	9	0.47	27.4	0.81	1.84	<0.05	0.06
	126096A	0.53	0.56	>25.0	0.86	15.25	6.9	14	0.92	41.6	1.19	3.65	<0.05	0.1
	126097A	0.36	0.19	24.6	0.26	13	8.5	13	0.47	20.6	1.62	2.18	<0.05	0.07
	126098A	0.47	0.12	>25.0	0.21	15.7	5.2	14	0.66	22.3	1.02	2.65	<0.05	0.18
	126099A	0.49	0.19	21.2	0.2	15.95	7.8	20	0.67	23.8	2.5	3.43	<0.05	0.12
	126100A	0.34	0.09	24.8	0.12	10.2	9.7	10	0.41	20.3	1.12	1.76	<0.05	0.07
	126101A	0.28	0.08	>25.0	0.12	9.26	9.1	7	0.4	24.4	0.65	1.54	<0.05	0.05
	126102A	0.37	0.08	>25.0	0.12	9.44	10.4	9	0.51	29.1	0.9	2.14	<0.05	0.1
	126103A	0.36	0.08	>25.0	0.09	9.3	9.6	10	0.45	23.3	0.87	2.04	<0.05	0.09
	126104A	0.43	0.08	23.2	0.07	11.45	9.3	10	0.55	27.1	1.1	2.16	<0.05	0.1
	126111A	0.7	0.13	16.6	0.11	16.15	12	16	0.95	39.6	1.81	4.15	<0.05	0.17
	126116A	0.45	0.27	20.4	0.16	16.4	12.4	15	0.57	18.2	2.08	2.42	<0.05	0.06
	126117A	0.35	0.06	>25.0	0.13	9.89	9.6	8	0.49	17.1	0.78	1.89	<0.05	0.09
	126126A	0.3	0.12	>25.0	0.08	10.25	10.2	11	0.38	22.2	1.38	1.78	<0.05	0.06
	126135A	0.29	0.11	>25.0	0.12	10.55	10.9	7	0.43	21.9	0.87	1.44	<0.05	0.08
	126143A	0.24	0.05	>25.0	0.14	9.03	8.4	6	0.37	13.5	0.49	1.28	<0.05	0.05
	126145A	0.3	0.09	>25.0	0.15	12	10.9	9	0.45	19.4	0.9	1.72	<0.05	0.06
	126149A	0.36	0.06	>25.0	0.2	14.7	11.1	9	0.48	15.7	0.65	1.7	<0.05	0.06
	126151A	0.38	0.07	>25.0	0.24	16.45	8.9	12	0.58	14.6	0.8	2.1	<0.05	0.07
	126152A	0.36	0.09	>25.0	0.23	14.35	7.1	11	0.53	13.4	0.78	1.75	<0.05	0.08
	126154A	0.43	0.09	>25.0	0.18	18.35	9.3	14	0.71	16.8	0.96	2.55	<0.05	0.11
	126155A	0.34	0.06	>25.0	0.23	17.8	9.5	10	0.53	15.2	0.65	1.76	<0.05	0.06

Appendix 2 - Geochemical Results - Calcrete

	SampleNo	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
Unit		ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
AssayCode		ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
LDL		0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05	0.2	10	0.2
	126094A	0.02	0.023	0.14	18.6	5.3	0.69	89	0.76	0.11	0.29	9.9	170	36.4
	126095A	0.06	0.021	0.13	17.9	5.7	0.72	66	0.86	0.08	0.17	7.3	250	88
	126096A	0.04	0.033	0.3	29.9	8.9	0.78	101	1	0.07	0.23	10.6	230	121.5
	126097A	0.05	0.015	0.17	11.9	4.8	0.59	105	0.42	0.1	0.2	11.3	350	22.4
	126098A	0.02	0.013	0.19	27.4	6.8	0.85	75	0.23	0.22	0.24	12	230	22.8
	126099A	0.04	0.021	0.21	15	6.1	0.78	137	0.48	0.25	0.3	14.8	310	21
	126100A	0.06	0.009	0.15	7.6	4.1	0.73	68	0.23	0.25	0.18	14	340	7
	126101A	0.06	0.008	0.16	5.8	4.6	0.8	69	0.19	0.16	0.15	17.2	250	13.2
	126102A	0.05	0.01	0.18	6.2	6	1.21	77	0.21	0.57	0.18	19	330	8.5
	126103A	0.04	0.01	0.15	5.6	5.2	0.88	96	0.18	0.18	0.18	16.1	230	9.7
	126104A	0.02	0.009	0.18	7.4	8.9	1.11	110	0.21	0.14	0.2	19.9	270	4.8
	126111A	0.07	0.018	0.53	9.1	8.4	1.53	194	0.15	0.2	0.22	25.7	510	10.6
	126116A	0.03	0.012	0.23	12.9	5.3	0.62	416	0.36	0.12	0.21	17	380	9.6
	126117A	0.05	0.009	0.2	7.8	4.5	0.57	148	0.12	0.07	0.15	17.8	340	4
	126126A	0.06	0.008	0.13	6.3	4.2	0.64	140	0.21	0.09	0.17	20.4	320	8.2
	126135A	0.05	0.007	0.16	6.9	4.6	0.56	183	0.24	0.07	0.13	21.3	460	7.2
	126143A	0.02	0.005	0.15	6.3	3.3	0.41	146	0.1	0.05	0.14	17.5	340	3.9
	126145A	0.02	0.008	0.18	9.8	4.4	0.59	127	0.28	0.07	0.18	19.8	340	11.6
	126149A	0.02	0.007	0.16	16.9	4.6	0.65	152	0.17	0.05	0.18	17.8	280	7.1
	126151A	0.04	0.008	0.18	28.8	4.7	0.77	137	0.12	0.06	0.19	16.5	260	6.4
	126152A	0.05	0.007	0.16	23.9	4.2	0.7	109	0.21	0.05	0.15	16.2	260	8.4
	126154A	0.09	0.011	0.2	30.3	5.9	0.82	150	0.18	0.09	0.21	18.4	240	6.4
	126155A	0.05	0.007	0.15	27.1	4	0.63	146	0.12	0.06	0.16	16.7	280	5.9

Appendix 2 - Geochemical Results - Calcrete

	SampleNo	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Unit		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
AssayCode		ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
LDL		0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005	0.02
	126094A	9.4	0.002	0.15	1.78	2.2	1.2	0.4	629	0.01	0.12	3.2	0.012	0.07
	126095A	8.2	0.002	0.12	2.59	1.9	1.1	0.3	538	0.01	0.17	0.9	0.006	0.07
	126096A	19.4	0.002	0.1	3.74	3.4	1.4	0.5	471	0.01	0.2	1.7	0.012	0.11
	126097A	9.5	0.002	0.09	0.98	2	1.3	0.3	435	0.01	0.11	1.1	0.008	0.07
	126098A	12	0.001	0.13	0.56	3.1	1.3	0.4	631	0.01	0.17	2	0.01	0.07
	126099A	12.6	0.001	0.09	0.82	3	1.4	0.5	415	<0.01	0.13	2.2	0.015	0.08
	126100A	7.8	0.001	0.12	0.4	1.7	1.2	0.3	493	<0.01	0.1	0.8	0.007	0.06
	126101A	7	0.001	0.12	0.49	1.6	1.2	0.2	538	<0.01	0.11	0.6	0.006	0.04
	126102A	9.4	0.001	0.09	0.34	1.9	1.4	0.3	572	<0.01	0.1	0.8	0.007	0.05
	126103A	8.3	<0.001	0.08	0.36	2	1.1	0.3	589	<0.01	0.1	0.8	0.007	0.05
	126104A	9.3	<0.001	0.17	0.31	2.4	1.3	0.3	686	<0.01	0.13	1.3	0.008	0.05
	126111A	19.8	<0.001	0.06	0.13	3.9	1.1	0.5	327	<0.01	0.07	1.6	0.009	0.1
	126116A	11.2	<0.001	0.05	0.38	2.5	1	0.3	298	<0.01	0.07	1.7	0.01	0.07
	126117A	8.7	<0.001	0.06	0.1	2	1	0.3	306	<0.01	0.05	0.7	0.005	0.05
	126126A	6.3	<0.001	0.05	0.32	1.8	1	0.2	356	<0.01	0.07	1	0.007	0.04
	126135A	7.8	<0.001	0.07	0.33	1.7	1.5	0.2	309	<0.01	0.05	0.9	0.005	0.05
	126143A	6.7	<0.001	0.06	0.16	1.6	0.9	0.2	308	<0.01	0.04	0.5	<0.005	0.04
	126145A	8.2	<0.001	0.08	0.34	1.9	1.2	0.2	423	<0.01	0.08	0.9	0.006	0.05
	126149A	8.2	<0.001	0.06	0.2	2.1	1.4	0.3	441	<0.01	0.12	0.8	0.006	0.05
	126151A	9.6	<0.001	0.07	0.17	2.4	1.4	0.3	506	0.01	0.13	1	0.007	0.06
	126152A	8.5	<0.001	0.07	0.21	2.2	1.2	0.3	483	0.01	0.12	1.2	0.007	0.06
	126154A	11.5	<0.001	0.09	0.15	3.1	1.6	0.4	610	0.01	0.17	1.7	0.009	0.09
	126155A	8	<0.001	0.05	0.14	2.1	1.4	0.2	472	0.01	0.14	0.9	0.006	0.06

Appendix 2 - Geochemical Results - Calcrete

	SampleNo	U	V	W	Y	Zn	Zr	Laboratory	JobNo
Unit		ppm	ppm	ppm	ppm	ppm	ppm		
AssayCode		ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41		
LDL		0.05	1	0.05	0.05	2	0.5		
	126094A	0.64	87	0.09	22.8	16	8	ALSChemex	PH05077625
	126095A	0.54	19	0.06	22.2	24	1.4	ALSChemex	PH05077625
	126096A	0.65	29	0.08	30.1	38	2.7	ALSChemex	PH05077625
	126097A	0.35	40	0.1	14.7	15	1.6	ALSChemex	PH05077625
	126098A	0.72	35	0.07	30.7	16	5.1	ALSChemex	PH05077625
	126099A	0.42	53	0.1	17.1	18	4.2	ALSChemex	PH05077625
	126100A	0.28	28	0.1	8.62	11	2	ALSChemex	PH05077625
	126101A	0.28	19	0.09	6.35	11	1.4	ALSChemex	PH05077625
	126102A	0.21	23	0.08	6.56	12	2.7	ALSChemex	PH05077625
	126103A	0.21	23	0.07	5.42	12	2.3	ALSChemex	PH05077625
	126104A	0.42	34	0.14	7.48	13	2.9	ALSChemex	PH05077625
	126111A	0.22	32	<0.05	9.59	27	4.2	ALSChemex	PH05077625
	126116A	0.41	31	0.08	14.55	17	1.5	ALSChemex	PH05077625
	126117A	0.2	15	<0.05	10.05	13	2.1	ALSChemex	PH05077625
	126126A	0.35	26	0.08	6.12	14	1.4	ALSChemex	PH05077625
	126135A	0.37	15	0.08	7.47	14	1.9	ALSChemex	PH05077625
	126143A	0.23	9	0.05	8.49	10	1	ALSChemex	PH05077625
	126145A	0.43	17	0.08	11.4	13	1.7	ALSChemex	PH05077625
	126149A	0.58	17	0.08	20.4	13	1.1	ALSChemex	PH05077625
	126151A	0.57	19	0.07	33.7	14	1.1	ALSChemex	PH05077625
	126152A	0.68	18	0.09	26.8	14	1.6	ALSChemex	PH05077625
	126154A	0.75	25	0.09	28.9	16	2.9	ALSChemex	PH05077625
	126155A	0.5	15	0.09	28.7	12	1	ALSChemex	PH05077625

Appendix 4

Report and Images of Compiled Gravity & Magnetic data for Mongolata Area

AMG James E. Hanneson, PhD Consulting Geophysicist
ADELAIDE MINING GEOPHYSICS Pty Ltd 24 Justine Street, Flagstaff Hill, South Australia, Australia, 5159
ABN 77 085 429 698 tel: (08) 8370-7493 fax: (08) 8370-7364 email: jim.hanneson@bigpond.com

MEMORANDUM

To: Mr Allan Younger **Affiliation:** Marathon Resources Ltd
Chief Geologist 10 George St
Via email: ayounger@marathonresources.com.au

From: Jim Hanneson **Costing:** EI 3164 SA

Date: 22 November 2005 **Reference:** AMG05/22

Subject: **Images of Compiled Gravity and Magnetic Data for the Mongolata Area, Marathon Resources EL3164, South Australia**

Further to your email request of 24 October, I have acquired aeromagnetic and gravity data from the PIRSA state archive for the Mongolata study area which ranges from 316000E to 357000E and from 6271000N to 6286000N in Zone 54. Images of the data are presented below and a separate compressed file, Mongotif.zip, contains the images in MapInfo .tif format. All coordinates in this report are in MGA94.

Aeromagnetic Data

About 1.1GB of located aeromagnetic data in ASCII format was received from PIRSA on DVD in two data files. Of these, one file, *74oy.located.asc* (size; 19.2MB) was found to cover the entire study area, albeit with lines that are irregular by modern standards. The survey is of early vintage (possibly 1974 based on the file name) and appears to have been manually digitised since the station interval along the lines is nominally 50m. The spacing of the east-west lines is about 300m and the sensor altitude ranges from 50m to 198m with an average of 85m and a standard deviation of 10m.

The second file, *b6_01_m01.xyz*, relates to survey B06 flown in 1995 as part of the SAEI program; however, it was evidently designed to cover ground to the west, and data from within the Mongolata study area comprises what are evidently short, ragged, over-flight line endings. The line endings were from what the *74oy* survey shows to be a magnetically bland area, and the newer *B06* data was judged not to be worth the additional effort required to compile and merge it with the older data.

The 74oy data was therefore reformatted and transformed from AMG66 to MGA94 coordinates by adding 123m to the AMG easting and 178m to the AMG northing, as prescribed by AUSLIG (ref: *www.auslig.gov.au/geodesy/datums/agd_gda.xls)*. The error in the transformation is estimated to be 5 to 10 metres which is deemed adequate for the present purpose.

Figure 1.1 is an image of the data with the locations of the flight lines and Figure 1.2 shows it with the outline of EL3164. Figure 1.3 is a residual magnetic image.

Gravity Data

Gravity data is very sparse and comprises only 19 points for the entire 41km by 15km study area. They were obtained from July 2005 version of the PIRSA state gravity archive and the final

Bouguer was recalculated using the 1967 International Gravity formula (Wellman, *et al*,1985). An image of the gravity station elevations is shown in Figure 2, while Figure 3 shows the final gravity.

Discussion

The magnetics are bland except in the eastern part of the area where a circular feature suggests intrusive rocks. The gravity data contains just enough points to indicate that the magnetic feature correlates with a gravity low, suggesting a felsic rather than a mafic intrusive. There is insufficient gravity to model or even suggest economic targets; however, some of the magnetic highs could be modelled along east-west lines to get an interpretation of the depth and magnetite concentrations of some of the magnetic sources.

Reference

Wellman, P, Barlow, B.C., and Murray, A.S. 1985; Gravity Base-Station Network Values, Australia, Bureau of Mineral Resources, Geology and Geophysics, Report 261, Canberra.

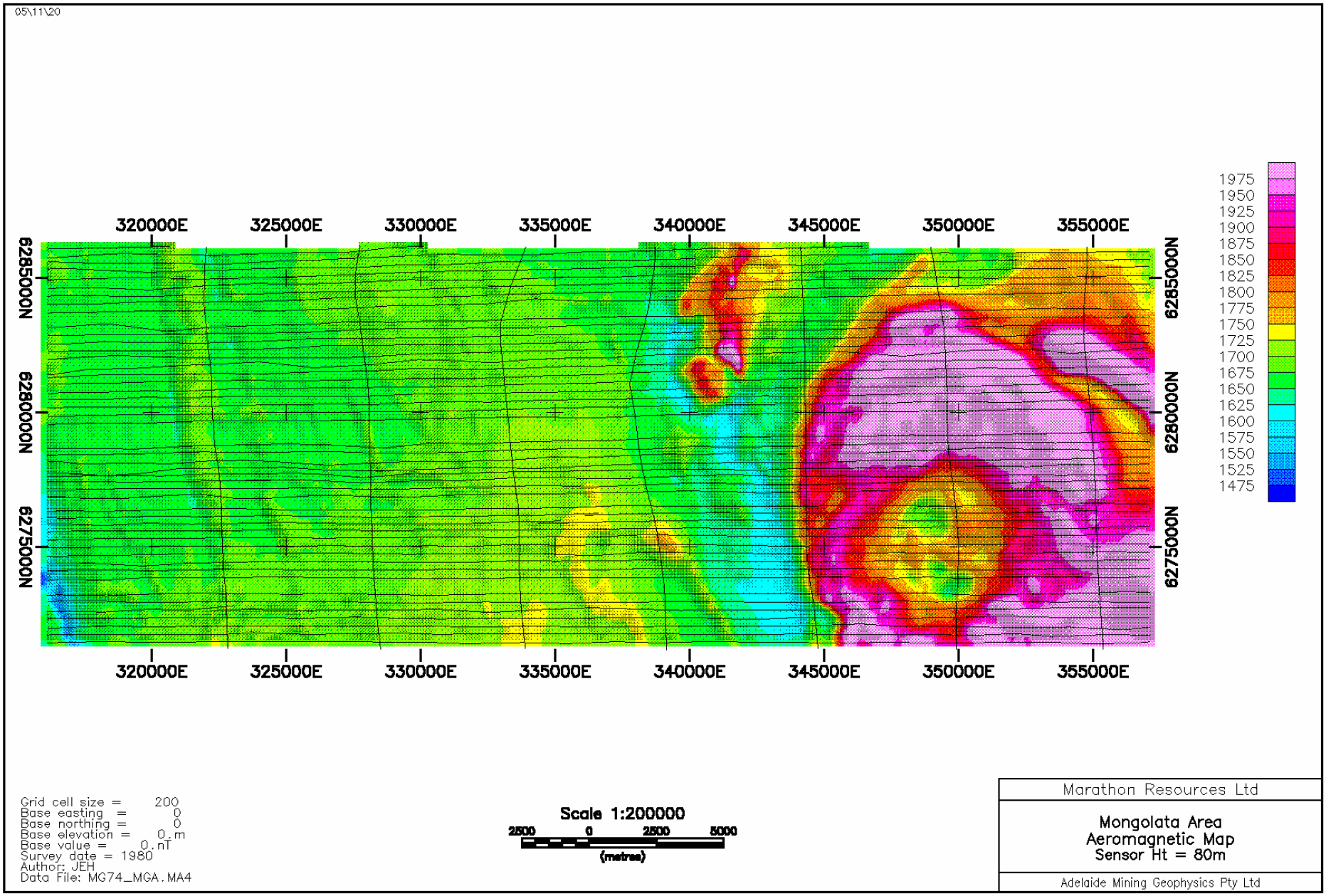

05\11\20
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325000E
330000E
335000E
340000E
345000E
350000E
355000E
6285000N
6280000N
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1975
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1925
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1700
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1625
1600
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Base northing = 0
Base elevation = 0.m
Base value = 0.nT
Survey date = 1980
Author: JEH
Data File: MG74_MGA.MA4
Scale 1:200000
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(metres)
Marathon Resources Ltd
Mongolata Area
Aeromagnetic Map
Sensor Ht = 80m
Adelaide Mining Geophysics Pty Ltd

Figure 1.1

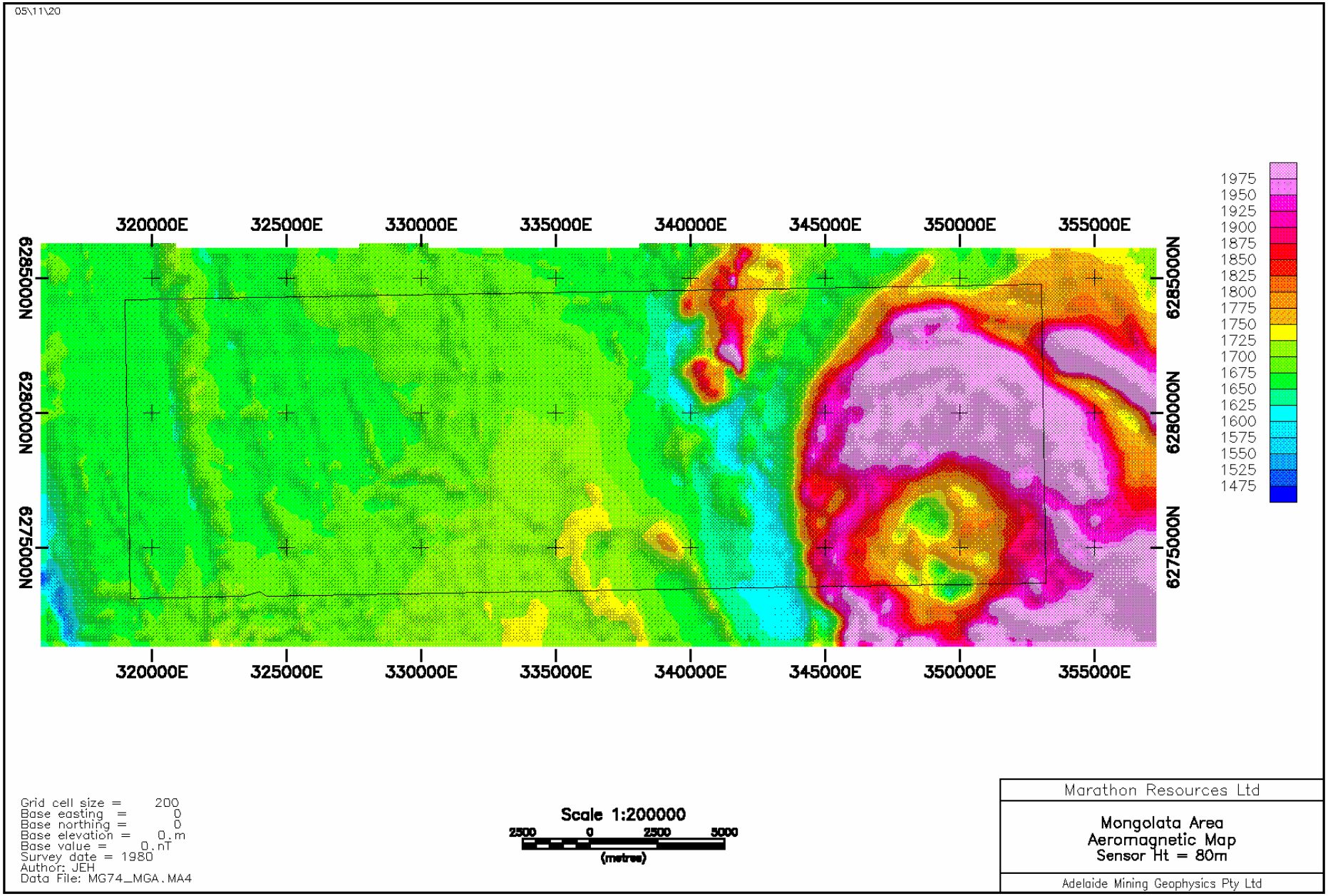

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Base northing = 0
Base elevation = 0.m
Base value = 0.nT
Survey date = 1980
Author: JEH
Data File: MG74_MGA.MA4
Scale 1:200000
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(metres)
Marathon Resources Ltd
Mongolata Area
Aeromagnetic Map
Sensor Ht = 80m
Adelaide Mining Geophysics Pty Ltd

Figure 1.2

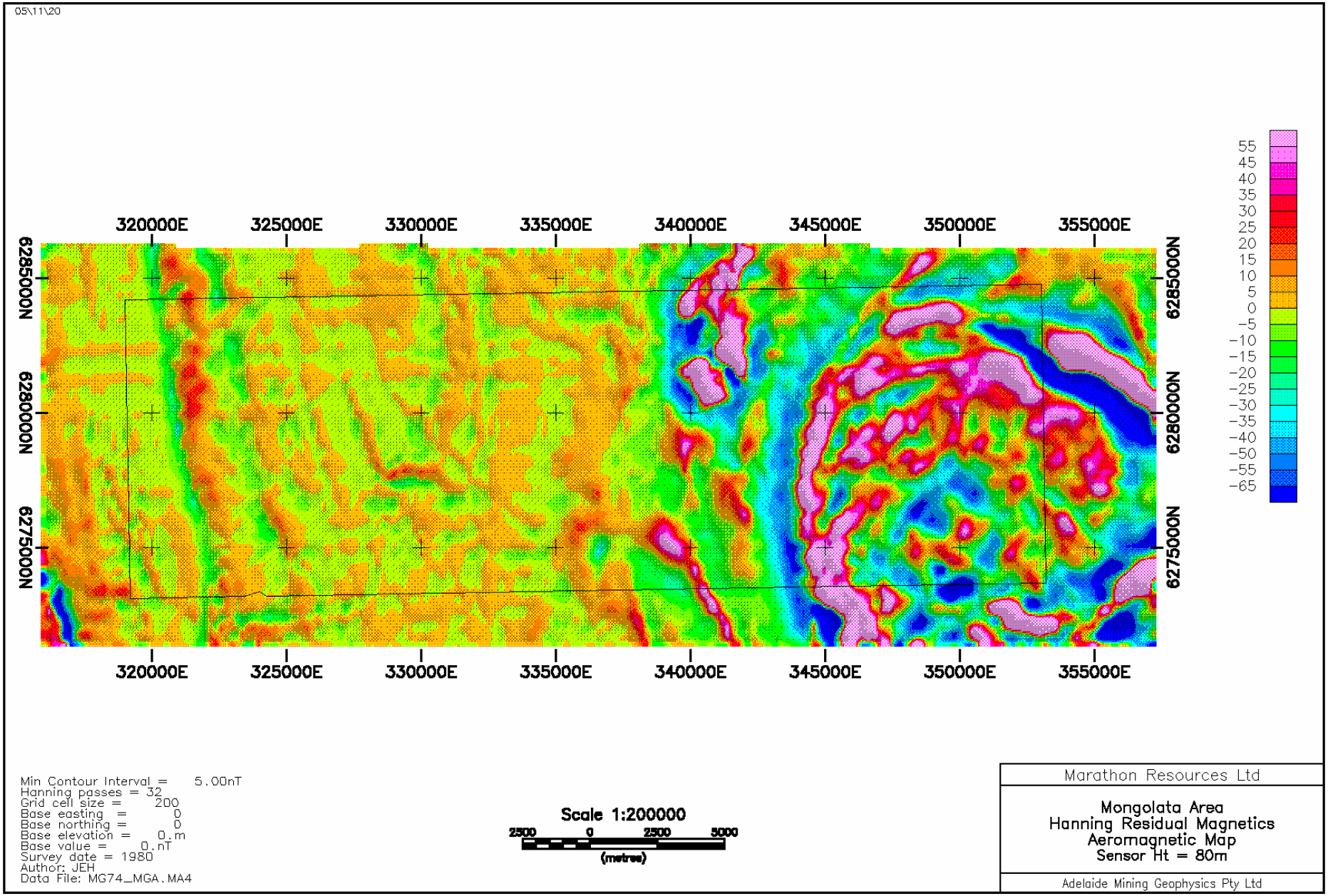

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-55
-65
Min Contour Interval = 5.00nT
Hanning passes = 32
Grid cell size = 200
Base easting = 0
Base northing = 0
Base elevation = 0.m
Base value = 0.nT
Survey date = 1980
Author: JEH
Data File: MG74_MGA.MA4
Scale 1:200000
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(metres)
Marathon Resources Ltd
Mongolata Area
Hanning Residual Magnetics
Aeromagnetic Map
Sensor Ht = 80m
Adelaide Mining Geophysics Pty Ltd

Figure 1.3

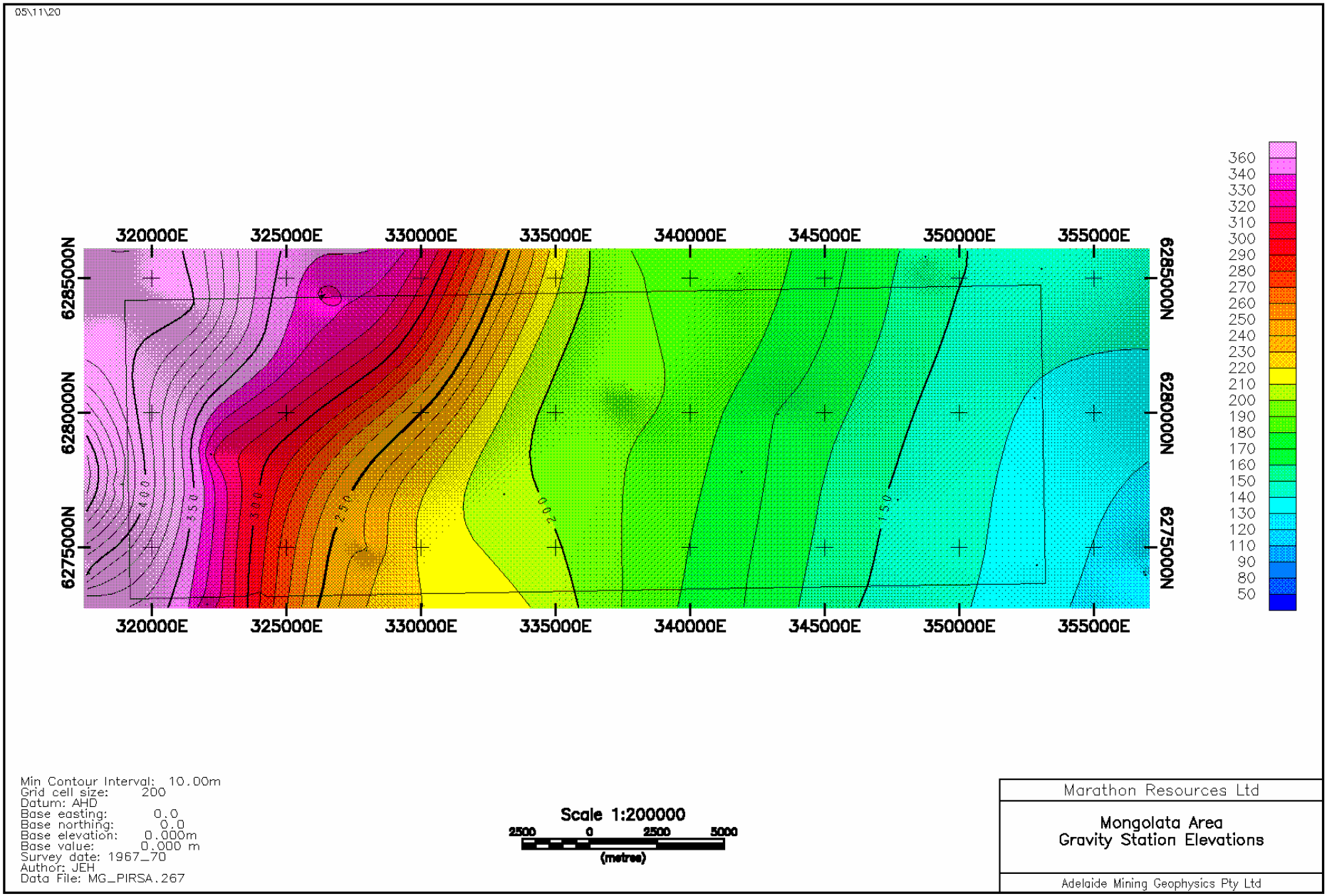

05\11\20
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120
110
90
80
50
Min Contour Interval: 10.00m
Grid cell size: 200
Datum: AHD
Base easting: 0.0
Base northing: 0.0
Base elevation: 0.000m
Base value: 0.000 m
Survey date: 1967_70
Author: JEH
Data File: MG_PIRSA.267
Scale 1:200000
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(metres)
Marathon Resources Ltd
Mongolata Area
Gravity Station Elevations
Adelaide Mining Geophysics Pty Ltd

Figure 2

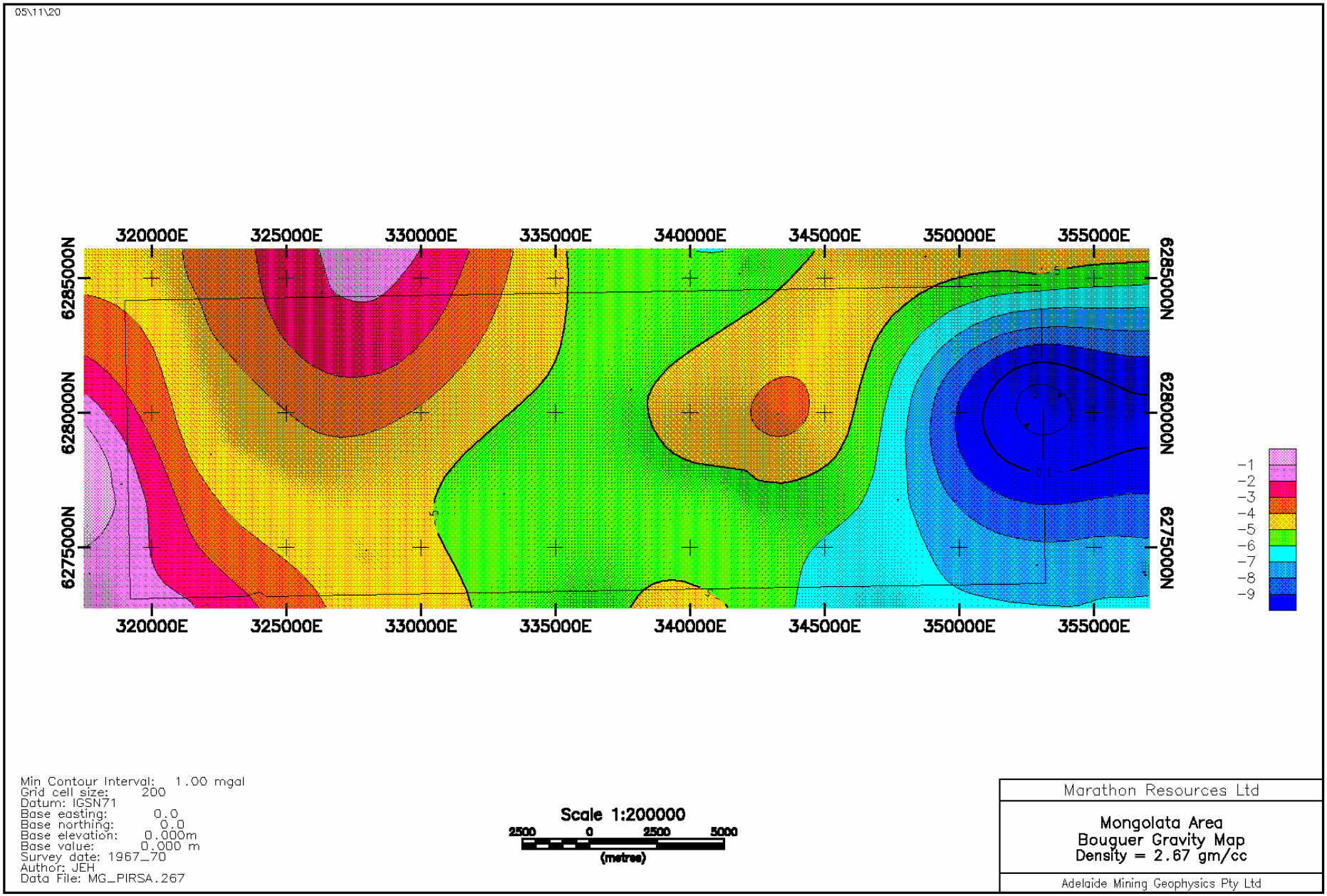

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6285000N
6280000N
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-1
-2
-3
-4
-5
-6
-7
-8
-9
Min Contour Interval: 1.00 mgal
Grid cell size: 200
Datum: IGSN71
Base easting: 0.0
Base northing: 0.0
Base elevation: 0.000m
Base value: 0.000 m
Survey date: 1967_70
Author: JEH
Data File: MG_PIRSA.267
Scale 1:200000
2500 0 2500 5000
(metres)
Marathon Resources Ltd
Mongolata Area
Bouguer Gravity Map
Density = 2.67 gm/cc
Adelaide Mining Geophysics Pty Ltd

Figure 3

Appendix 5

Laboratory Reports

Refer to pdf files: EL3164_2006_A_02_LabReportPH05077250.pdf
EL3164_2006_A_03_LabReport PH05077625.pdf

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
Australian Laboratory Services Pty Ltd
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Stafford
Brisbane QLD 4053
Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218 www.alschemex.com

Finalized Date: 4-OCT-2005
Account: MARATH

CERTIFICATE PH05077250

Project: 3164

P.O. No.: 00ST1109/3164-1

This report is for 66 Soil samples submitted to our lab in Perth, WA, Australia on 15-SEP-2005.

The following have access to data associated with this certificate:

ALLAN YOUNGER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LEV-01	Waste Disposal Levy

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS17	MMI-M - Multi element package	ICP-MS

To: **MARATHON RESOURCES LTD**
ATTN: ALLAN YOUNGER
10 GEORGE STREET
STEPNEY SA 5069

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

ALS Chemex
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Australian Laboratory Services Pty Ltd
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Brisbane QLD 4053
Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218 www.alschemex.com

Project: 3164

CERTIFICATE OF ANALYSIS PH05077250

Sample Description	Method	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17	ME-MS17
	Analyte	Ag	Au	Ce	Cu	Li	Ni	Pb	Pd	Se	U	Zn
	Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
	LOR	0.1	0.1	0.1	10	0.2	3	10	0.1	2	1	20
126094		5.9	0.2	7.2	710	27.2	332	30	0.1	3	2	<20
126095		4.8	0.3	5.1	840	33.2	454	30	0.1	3	2	<20
126096		7.6	0.3	5.3	1060	33.5	435	30	0.2	<2	2	<20
126097		7.9	0.6	1.8	1740	48.2	556	10	<0.1	8	1	<20
126098		7.2	0.2	19.1	840	38.8	351	30	0.2	2	1	<20
126099		8.6	0.3	4.4	1100	75.5	489	20	0.1	<2	1	<20
126100		4.7	0.2	3.5	660	39.7	326	20	0.1	<2	2	<20
126101		4.1	0.4	1.9	1180	55.5	444	20	0.1	4	2	<20
126102		8.4	0.7	0.8	690	79.6	449	10	0.1	78	1	<20
126103		4.8	0.3	1.5	1060	53.6	399	20	0.1	4	2	<20
126104		6.5	0.4	10.4	820	20.6	413	20	0.2	<2	1	<20
126105		8.0	0.6	1.4	970	48.8	374	30	0.3	8	1	<20
126106		10.3	0.7	1.8	830	31.5	300	20	0.5	5	2	<20
126107		16.5	1.1	0.5	1090	43.5	451	20	0.4	<2	2	<20
126108		14.3	0.5	9.6	720	54.3	235	30	0.3	2	1	<20
126109		17.1	0.7	8.4	1000	54.4	283	20	0.3	3	1	<20
126110		7.1	0.4	4.2	670	22.2	219	20	0.7	5	5	<20
126111		10.1	0.9	3.7	1150	52.8	350	10	0.1	<2	1	<20
126112		18.7	1.1	<0.1	1440	82.1	613	30	0.3	51	1	<20
126113		8.8	0.3	2.8	970	24.6	314	20	0.5	9	2	<20
126114		8.1	0.6	6.5	1010	38.4	377	20	0.1	3	1	<20
126115		12.6	0.9	0.4	990	40.3	456	30	0.6	2	3	<20
126116		9.1	0.3	2.2	820	42.7	260	20	<0.1	4	1	<20
126117		6.5	0.4	5.4	950	35.2	356	20	0.1	6	1	<20
126118		4.3	0.2	6.6	810	27.0	254	10	0.1	<2	2	<20
126119		9.1	0.1	12.4	840	16.0	313	20	0.2	2	1	<20
126120		12.3	0.6	1.7	790	23.1	305	20	0.7	3	5	<20
126121		14.9	1.0	5.0	1080	38.9	377	20	0.1	<2	1	<20
126122		14.2	2.0	1.7	1450	76.0	319	20	0.2	5	1	<20
126123		18.2	1.6	1.6	1070	78.2	279	20	0.2	18	1	<20
126124		16.3	1.4	2.9	1400	64.2	319	20	0.1	7	1	<20
126125		8.8	1.0	4.1	1240	68.1	311	20	0.1	5	1	<20
126126		2.8	0.3	1.1	220	12.6	192	<10	<0.1	<2	1	<20
126127		7.7	0.9	0.5	320	24.6	178	<10	<0.1	<2	1	<20
126128		4.8	1.1	3.3	1110	68.5	342	30	0.1	7	2	<20
126129		3.5	0.7	2.9	1630	66.4	429	30	0.1	9	2	<20
126130		4.7	0.8	2.3	1500	62.6	375	20	0.1	8	2	<20
126131		11.2	0.4	8.8	1280	35.4	350	30	0.2	7	2	<20
126132		10.5	0.5	5.3	1000	28.7	258	20	0.2	5	2	<20
126133		9.9	0.4	3.7	910	47.7	261	20	0.1	2	1	<20

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Finalized Date: 4-OCT-2005
Account: MARATH

Project: 3164

CERTIFICATE OF ANALYSIS PH05077250

Sample Description	Method / Analyte / Units / LOR	ME-MS17 Ag ppb 0.1	ME-MS17 Au ppb 0.1	ME-MS17 Ce ppb 0.1	ME-MS17 Cu ppb 10	ME-MS17 Li ppb 0.2	ME-MS17 Ni ppb 3	ME-MS17 Pb ppb 10	ME-MS17 Pd ppb 0.1	ME-MS17 Se ppb 2	ME-MS17 U ppb 1	ME-MS17 Zn ppb 20
126134		14.3	0.7	4.1	830	18.2	304	20	0.3	5	1	<20
126135		7.2	0.8	7.3	1330	22.6	436	20	0.1	4	3	<20
126136		10.8	0.7	5.0	1360	54.1	384	30	0.1	<2	2	<20
126137		9.3	0.7	4.3	1700	44.5	385	20	<0.1	<2	2	<20
126138		5.2	0.4	<0.1	800	20.3	277	20	<0.1	<2	2	<20
126139		8.7	0.3	<0.1	800	17.0	204	20	0.1	<2	3	<20
126140		13.0	0.5	<0.1	1240	41.0	348	30	0.1	<2	2	<20
126141		7.3	0.2	<0.1	890	22.7	331	20	<0.1	2	2	<20
126142		7.5	0.1	<0.1	680	13.4	271	20	0.2	<2	2	<20
126143		5.5	0.6	0.2	1070	19.4	380	20	<0.1	<2	7	<20
126144		10.2	0.6	<0.1	840	12.0	263	20	0.1	4	4	<20
126145		7.4	0.2	<0.1	780	19.4	272	20	0.2	<2	1	<20
126146		10.2	0.4	<0.1	820	34.2	360	30	0.1	3	1	<20
126147		8.1	0.5	<0.1	850	28.6	270	20	<0.1	<2	2	<20
126148		4.4	0.2	0.1	700	18.3	314	20	<0.1	<2	2	<20
126149		4.5	0.2	<0.1	590	15.5	265	20	<0.1	<2	1	<20
126150		11.6	0.5	<0.1	840	38.2	280	20	0.1	<2	1	<20
126151		8.4	0.5	<0.1	960	31.7	465	30	<0.1	5	2	<20
126152		6.1	0.5	<0.1	990	32.0	421	30	0.1	6	2	<20
126153		11.6	0.7	<0.1	910	33.1	313	30	0.1	9	2	<20
126154		9.1	0.4	<0.1	1110	38.9	368	30	<0.1	8	2	<20
126155		8.3	0.4	1.0	870	34.6	427	30	<0.1	3	2	<20
126156		12.0	0.4	<0.1	1340	43.9	441	50	0.2	36	3	<20
126157		9.1	1.2	1.7	760	52.4	518	40	0.1	12	2	<20
126158		3.7	0.2	2.4	370	21.7	468	30	0.1	<2	2	<20
126159		10.5	0.4	<0.1	680	19.2	322	20	<0.1	5	1	<20

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Finalized Date: 11-OCT-2005
Account: MARATH

CERTIFICATE PH05077625

Project: 3164

P.O. No.: 3164-1

This report is for 23 Rock samples submitted to our lab in Perth, WA, Australia on 15-SEP-2005.

The following have access to data associated with this certificate:

ALLAN YOUNGER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LEV-01	Waste Disposal Levy
PUL-21	Pulverize entire sample
CRU-21	Crush entire sample >70% -6 mm

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-MS23	Pt, Pd, Au 30g FA ICP-MS	ICP-MS
ME-MS41	50 element aqua regia ICP-MS	

To: **MARATHON RESOURCES LTD**
ATTN: ALLAN YOUNGER
10 GEORGE STREET
STEPNEY SA 5069

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Finalized Date: 11-OCT-2005
Account: MARATH

Project: 3164

CERTIFICATE OF ANALYSIS PH05077625

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1
126094A		0.80	0.033	0.0012	0.002	0.19	0.78	41	10	3170	0.42	0.36	22.10	0.38	15.30	6.3
126095A		0.68	0.049	0.0010	0.001	0.45	0.77	48	10	1820	0.35	0.39	>25.0	0.59	11.15	6.3
126096A		0.54	0.052	0.0011	0.001	0.77	1.57	68	10	1240	0.53	0.56	>25.0	0.86	15.25	6.9
126097A		0.68	0.007	0.0009	0.001	0.14	0.83	19	10	1180	0.36	0.19	24.60	0.26	13.00	8.5
126098A		0.42	0.011	0.0012	0.002	0.12	1.11	11	20	1260	0.47	0.12	>25.0	0.21	15.70	5.2
126099A		0.47	0.010	0.0008	0.001	0.08	1.21	18	10	710	0.49	0.19	21.20	0.20	15.95	7.8
126100A		0.60	0.006	0.0008	0.001	0.02	0.68	8	10	1760	0.34	0.09	24.80	0.12	10.20	9.7
126101A		0.60	0.010	0.0012	0.002	0.04	0.66	12	10	1100	0.28	0.08	>25.0	0.12	9.26	9.1
126102A		0.55	0.009	0.0009	0.002	0.03	0.90	6	20	370	0.37	0.08	>25.0	0.12	9.44	10.4
126103A		0.55	0.007	0.0010	0.002	0.03	0.89	9	20	520	0.36	0.08	>25.0	0.09	9.30	9.6
126104A		0.58	0.007	0.0015	0.003	<0.01	0.93	8	20	2930	0.43	0.08	23.20	0.07	11.45	9.3
126111A		0.51	0.008	0.0009	0.001	0.02	1.74	9	20	180	0.70	0.13	16.60	0.11	16.15	12.0
126116A		0.60	0.003	0.0008	0.001	0.02	0.88	8	10	240	0.45	0.27	20.40	0.16	16.40	12.4
126117A		0.56	0.004	0.0010	0.001	<0.01	0.87	7	10	260	0.35	0.06	>25.0	0.13	9.89	9.6
126126A		0.64	0.014	0.0009	0.001	0.01	0.69	8	10	130	0.30	0.12	>25.0	0.08	10.25	10.2
126135A		0.32	0.006	0.0008	0.001	0.01	0.57	8	10	170	0.29	0.11	>25.0	0.12	10.55	10.9
126143A		0.48	0.002	0.0009	0.001	<0.01	0.56	5	10	390	0.24	0.05	>25.0	0.14	9.03	8.4
126145A		0.45	0.009	0.0012	0.002	0.02	0.70	9	10	170	0.30	0.09	>25.0	0.15	12.00	10.9
126149A		0.39	0.003	0.0009	0.001	<0.01	0.71	8	10	170	0.36	0.06	>25.0	0.20	14.70	11.1
126151A		0.60	0.003	0.0009	0.001	<0.01	0.87	4	10	120	0.38	0.07	>25.0	0.24	16.45	8.9
126152A		0.49	0.004	0.0011	0.002	0.05	0.79	7	10	170	0.36	0.09	>25.0	0.23	14.35	7.1
126154A		0.65	0.008	0.0010	0.002	<0.01	1.07	5	10	760	0.43	0.09	>25.0	0.18	18.35	9.3
126155A		0.70	0.002	0.0010	0.001	<0.01	0.71	7	<10	110	0.34	0.06	>25.0	0.23	17.80	9.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Project: 3164

CERTIFICATE OF ANALYSIS PH05077625

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05
126094A	19	0.44	20.1	3.03	2.65	<0.05	0.19	0.02	0.023	0.14	18.6	5.3	0.69	89	0.76
126095A	9	0.47	27.4	0.81	1.84	<0.05	0.06	0.06	0.021	0.13	17.9	5.7	0.72	66	0.86
126096A	14	0.92	41.6	1.19	3.65	<0.05	0.10	0.04	0.033	0.30	29.9	8.9	0.78	101	1.00
126097A	13	0.47	20.6	1.62	2.18	<0.05	0.07	0.05	0.015	0.17	11.9	4.8	0.59	105	0.42
126098A	14	0.66	22.3	1.02	2.65	<0.05	0.18	0.02	0.013	0.19	27.4	6.8	0.85	75	0.23
126099A	20	0.67	23.8	2.50	3.43	<0.05	0.12	0.04	0.021	0.21	15.0	6.1	0.78	137	0.48
126100A	10	0.41	20.3	1.12	1.76	<0.05	0.07	0.06	0.009	0.15	7.6	4.1	0.73	68	0.23
126101A	7	0.40	24.4	0.65	1.54	<0.05	0.05	0.06	0.008	0.16	5.8	4.6	0.80	69	0.19
126102A	9	0.51	29.1	0.90	2.14	<0.05	0.10	0.05	0.010	0.18	6.2	6.0	1.21	77	0.21
126103A	10	0.45	23.3	0.87	2.04	<0.05	0.09	0.04	0.010	0.15	5.6	5.2	0.88	96	0.18
126104A	10	0.55	27.1	1.10	2.16	<0.05	0.10	0.02	0.009	0.18	7.4	8.9	1.11	110	0.21
126111A	16	0.95	39.6	1.81	4.15	<0.05	0.17	0.07	0.018	0.53	9.1	8.4	1.53	194	0.15
126116A	15	0.57	18.2	2.08	2.42	<0.05	0.06	0.03	0.012	0.23	12.9	5.3	0.62	416	0.36
126117A	8	0.49	17.1	0.78	1.89	<0.05	0.09	0.05	0.009	0.20	7.8	4.5	0.57	148	0.12
126126A	11	0.38	22.2	1.38	1.78	<0.05	0.06	0.06	0.008	0.13	6.3	4.2	0.64	140	0.21
126135A	7	0.43	21.9	0.87	1.44	<0.05	0.08	0.05	0.007	0.16	6.9	4.6	0.56	183	0.24
126143A	6	0.37	13.5	0.49	1.28	<0.05	0.05	0.02	0.005	0.15	6.3	3.3	0.41	146	0.10
126145A	9	0.45	19.4	0.90	1.72	<0.05	0.06	0.02	0.008	0.18	9.8	4.4	0.59	127	0.28
126149A	9	0.48	15.7	0.65	1.70	<0.05	0.06	0.02	0.007	0.16	16.9	4.6	0.65	152	0.17
126151A	12	0.58	14.6	0.80	2.10	<0.05	0.07	0.04	0.008	0.18	28.8	4.7	0.77	137	0.12
126152A	11	0.53	13.4	0.78	1.75	<0.05	0.08	0.05	0.007	0.16	23.9	4.2	0.70	109	0.21
126154A	14	0.71	16.8	0.96	2.55	<0.05	0.11	0.09	0.011	0.20	30.3	5.9	0.82	150	0.18
126155A	10	0.53	15.2	0.65	1.76	<0.05	0.06	0.05	0.007	0.15	27.1	4.0	0.63	146	0.12

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS PH05077625

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
126094A		0.11	0.29	9.9	170	36.4	9.4	0.002	0.15	1.78	2.2	1.2	0.4	629.0	0.01	0.12
126095A		0.08	0.17	7.3	250	88.0	8.2	0.002	0.12	2.59	1.9	1.1	0.3	538.0	0.01	0.17
126096A		0.07	0.23	10.6	230	121.5	19.4	0.002	0.10	3.74	3.4	1.4	0.5	471.0	0.01	0.20
126097A		0.10	0.20	11.3	350	22.4	9.5	0.002	0.09	0.98	2.0	1.3	0.3	435.0	0.01	0.11
126098A		0.22	0.24	12.0	230	22.8	12.0	0.001	0.13	0.56	3.1	1.3	0.4	631.0	0.01	0.17
126099A		0.25	0.30	14.8	310	21.0	12.6	0.001	0.09	0.82	3.0	1.4	0.5	415.0	<0.01	0.13
126100A		0.25	0.18	14.0	340	7.0	7.8	0.001	0.12	0.40	1.7	1.2	0.3	493.0	<0.01	0.10
126101A		0.16	0.15	17.2	250	13.2	7.0	0.001	0.12	0.49	1.6	1.2	0.2	538.0	<0.01	0.11
126102A		0.57	0.18	19.0	330	8.5	9.4	0.001	0.09	0.34	1.9	1.4	0.3	572.0	<0.01	0.10
126103A		0.18	0.18	16.1	230	9.7	8.3	<0.001	0.08	0.36	2.0	1.1	0.3	589.0	<0.01	0.10
126104A		0.14	0.20	19.9	270	4.8	9.3	<0.001	0.17	0.31	2.4	1.3	0.3	686.0	<0.01	0.13
126111A		0.20	0.22	25.7	510	10.6	19.8	<0.001	0.06	0.13	3.9	1.1	0.5	327.0	<0.01	0.07
126116A		0.12	0.21	17.0	380	9.6	11.2	<0.001	0.05	0.38	2.5	1.0	0.3	298.0	<0.01	0.07
126117A		0.07	0.15	17.8	340	4.0	8.7	<0.001	0.06	0.10	2.0	1.0	0.3	306.0	<0.01	0.05
126126A		0.09	0.17	20.4	320	8.2	6.3	<0.001	0.05	0.32	1.8	1.0	0.2	356.0	<0.01	0.07
126135A		0.07	0.13	21.3	460	7.2	7.8	<0.001	0.07	0.33	1.7	1.5	0.2	309.0	<0.01	0.05
126143A		0.05	0.14	17.5	340	3.9	6.7	<0.001	0.06	0.16	1.6	0.9	0.2	308.0	<0.01	0.04
126145A		0.07	0.18	19.8	340	11.6	8.2	<0.001	0.08	0.34	1.9	1.2	0.2	423.0	<0.01	0.08
126149A		0.05	0.18	17.8	280	7.1	8.2	<0.001	0.06	0.20	2.1	1.4	0.3	441.0	<0.01	0.12
126151A		0.06	0.19	16.5	260	6.4	9.6	<0.001	0.07	0.17	2.4	1.4	0.3	506.0	0.01	0.13
126152A		0.05	0.15	16.2	260	8.4	8.5	<0.001	0.07	0.21	2.2	1.2	0.3	483.0	0.01	0.12
126154A		0.09	0.21	18.4	240	6.4	11.5	<0.001	0.09	0.15	3.1	1.6	0.4	610.0	0.01	0.17
126155A		0.06	0.16	16.7	280	5.9	8.0	<0.001	0.05	0.14	2.1	1.4	0.2	472.0	0.01	0.14

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

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Project: 3164

CERTIFICATE OF ANALYSIS PH05077625

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.005	0.02	0.05	1	0.05	0.05	2	0.5
126094A		3.2	0.012	0.07	0.64	87	0.09	22.80	16	8.0
126095A		0.9	0.006	0.07	0.54	19	0.06	22.20	24	1.4
126096A		1.7	0.012	0.11	0.65	29	0.08	30.10	38	2.7
126097A		1.1	0.008	0.07	0.35	40	0.10	14.70	15	1.6
126098A		2.0	0.010	0.07	0.72	35	0.07	30.70	16	5.1
126099A		2.2	0.015	0.08	0.42	53	0.10	17.10	18	4.2
126100A		0.8	0.007	0.06	0.28	28	0.10	8.62	11	2.0
126101A		0.6	0.006	0.04	0.28	19	0.09	6.35	11	1.4
126102A		0.8	0.007	0.05	0.21	23	0.08	6.56	12	2.7
126103A		0.8	0.007	0.05	0.21	23	0.07	5.42	12	2.3
126104A		1.3	0.008	0.05	0.42	34	0.14	7.48	13	2.9
126111A		1.6	0.009	0.10	0.22	32	<0.05	9.59	27	4.2
126116A		1.7	0.010	0.07	0.41	31	0.08	14.55	17	1.5
126117A		0.7	0.005	0.05	0.20	15	<0.05	10.05	13	2.1
126126A		1.0	0.007	0.04	0.35	26	0.08	6.12	14	1.4
126135A		0.9	0.005	0.05	0.37	15	0.08	7.47	14	1.9
126143A		0.5	<0.005	0.04	0.23	9	0.05	8.49	10	1.0
126145A		0.9	0.006	0.05	0.43	17	0.08	11.40	13	1.7
126149A		0.8	0.006	0.05	0.58	17	0.08	20.40	13	1.1
126151A		1.0	0.007	0.06	0.57	19	0.07	33.70	14	1.1
126152A		1.2	0.007	0.06	0.68	18	0.09	26.80	14	1.6
126154A		1.7	0.009	0.09	0.75	25	0.09	28.90	16	2.9
126155A		0.9	0.006	0.06	0.50	15	0.09	28.70	12	1.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown.

File Verification Listing of Digital Files Supplied on CD with Hard Copy Report

Verification Listing	VL1		
Exploration Work Type	**File_Name**	**Format**	**Description**
Office Studies			
Report	EL3164_2006_A_01_ReportBody.pdf	pdf	Annual report
Report	EL3164_2006_A_06_FileListing.txt	txt	List of digital files supplied on CD
Report	EL3164_2006_A_02_LabReportPH05077250.pdf	pdf	ALSChemex MMI soil samples assay report
Report	EL3164_2006_A_03_LabReportPH05077625.pdf	pdf	ALSChemex calcrete samples assay report
Ground Exploration Surveys			
Geochemical Surveying			
Soil sampling	EL3164_2006_A_04_SurfaceGeochemMMI.txt	txt	Mongolata MMI soil sample locations and assays
Calcrete sampling	EL3164_2006_A_05_SurfaceGeochemCalcrete.txt	txt	Mongolata calcrete sample locations and assays

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EXPLORATION LICENCE 3164 'Mongalata'

ANNUAL TECHNICAL REPORT

For the period 13 February 2006 to 12 February 2007

Marathon Resources Limited
Adelaide

October 2007

1:250,000 mapsheet Burra SI 54-5

1:100,000 mapsheet Florieton 6730

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SUMMARY

Year 3 in the term of EL 3164 "Mongolata" is the second year under ownership of Bonanza Gold Pty Ltd. Bonanza became a wholly owned subsidiary of Marathon Resources Limited and Marathon become manager of the project.

The search for commercial porphyry copper-gold mineralisation in the licence has continued with review of existing geophysical data, several site visits and extensive soil and calcrete sampling program.

1. INTRODUCTION

Marathon Resources Limited has commenced exploration within its wholly owned Mongolata licence within the Nackara Arc of Adelaidean Geosyncline.

EL 3164 is located some 15 kilometres east of Burra. It covers an area of 377 square kilometres of generally flat to hilly pastoral country with good ground access. It is well- placed logistically, with bitumen roads along the western boundary and fully formed gravel roads throughout the tenement.

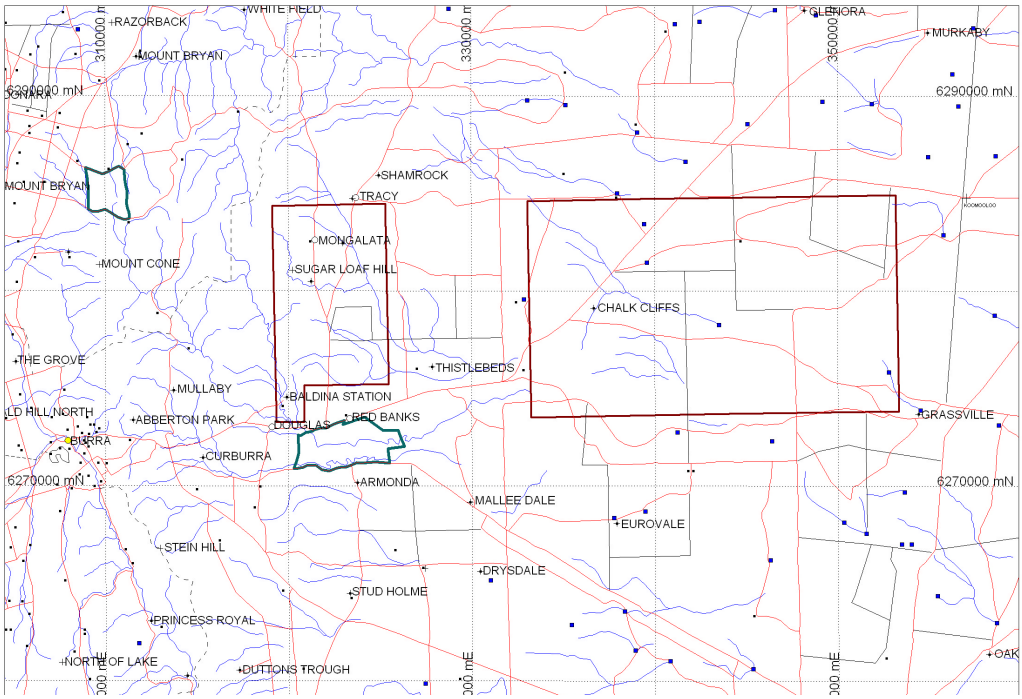


Figure 1: EL 3164 Mongolata Location.

Exploration in the area has focused on the search for large porphyry copper-gold deposits.

Marathon has completed detailed review of gravity and magnetic data and extensive calcrete sampling.

2. TENURE

The Mongolata EL 3164 was granted to Bonanza Gold effective from 13 February 2004. Marathon became manager of the project on listing in March 2005 when Bonanza became a wholly owned subsidiary.

3. NATIVE TITLE

The Mongolata area is not subject to Native Title claims at this stage

4. GEOLOGY

4.1 Geology

The Mongolata property is located east of Burra and stretches from the hills formed by the Adelaidean Umberatana Group sediments out onto the flats of marginal Murray Basin sediments.

4.2. Physiography

The topography is very gently undulating and open, vegetation is dominantly salt bush and blue bush.

4.3 Regolith

While the calcrete is widely present throughout area, it is often concealed under a layer of sand, thick enough to prevent it from being reachable with basic digging tools. When outcropping, the calcrete appears submassive, with bedding variably distinctive. When buried underground it then evolves into nodular/colloform shapes toward the surface, before turning into pisolitic form. Those independent pisoliths decrease in size as they are found closer to the surface.

Even where the massive calcrete is not outcropping through the sand, some floating fragments and pisoliths can frequently be found on the surface. When these fragments and pisoliths could be clearly identified (rabbit holes, tree roots) as not having been transported from another place.

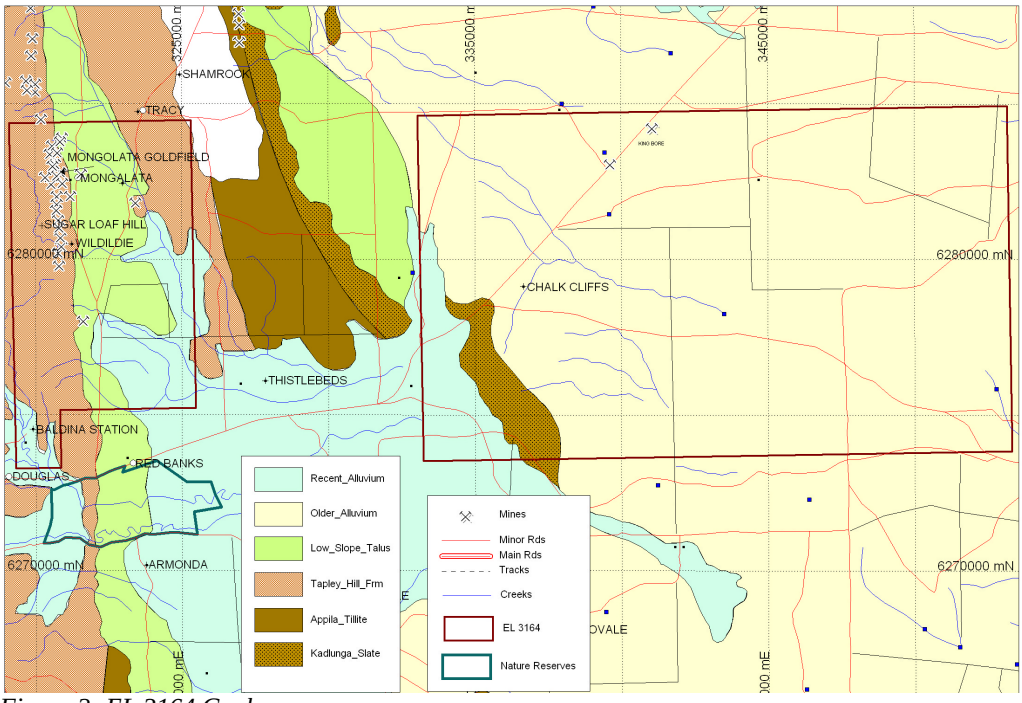


Figure 2: EL 3164 Geology.

5. WORK COMPLETED

5.1 Geochemistry

Following the orientation traverse testing calcrete and Mobile Metal Ions partial leach analytical and sampling techniques a regional sampling program was instigated using a triangular grid.

5.2 Sampling Methodology

Sampling coordinates were preset and located in the field using a GPS Garmin 72 with an accuracy of ±5m in MGA94, and any variations recorded each evening on a digital file.

The survey was completed by two man crew using a tray top four wheel drive. All the sample bags were stored in plastic boxes during the samples collection, and packed each evening in large poly-weave bags for their transport to the laboratory.

5.3 Calcrete sampling procedure

Sampling pits were dug with a paintless steel shovel. Once the calcrete was reached, if massive, it was broken by means of a steel bar, and then the pieces were collected in a 5mm plastic sieve in order to clear away the sand, soil and organic fragments. The samples were gathered into numbered calico bags. Nominal sample weight was 500g. The calcrete was not sampled at a regular depth, but were it was reached, usually from ~10cm to ~70cm depth.

5.4 MMI™ soil sampling procedure

After digging an approximately 15cm deep pit with an even base, the samples were collected on this surface at a depth as regularly as possible, by means of a paintless pick and a plastic dust pan. They were then sieved through a 5mm plastic sieve into a plastic basin, and the passing fraction poured into numbered press-seal plastic bags, which were put in protecting referenced calico bags. Nominal sample weight was 250g. After each sample collection, the pick, pan, sieve and basin were brushed clean in order to avoid any cross-contamination. In the areas where calcrete was very close to the surface, the soil samples were taken between 5 and 15cm depth.

5.5 Environment/rehabilitation

The impact of the surface geochemical sampling is negligible, as no marking was used to locate the sample sites which were rehabilitated by back filling. Existing tracks were used wherever possible. Where a vegetation zone was more open it was used even if slightly off from the nominal grid coordinates. This was done in order to limit the damage to the environment and increase the sampling productivity.

All the paddock gates were closed immediately.

Samples were collected from the same site with fewer calcrete samples being collected because of its variable distribution.

5.6 Regional Triangular Grid Sampling

The sampling sites were set out on a triangular grid, with an average spacing of 0.5km between each point and each line. An area of 72km^2 was covered, measuring 9km N-S and 8km E-W (Figure 3).

An average ~40 sites per day were sampled for calcrete and soil samples using the above methodologies.

Number of samples

	Samples	Field standards
Calcrete	286	5
MMI™	286	5

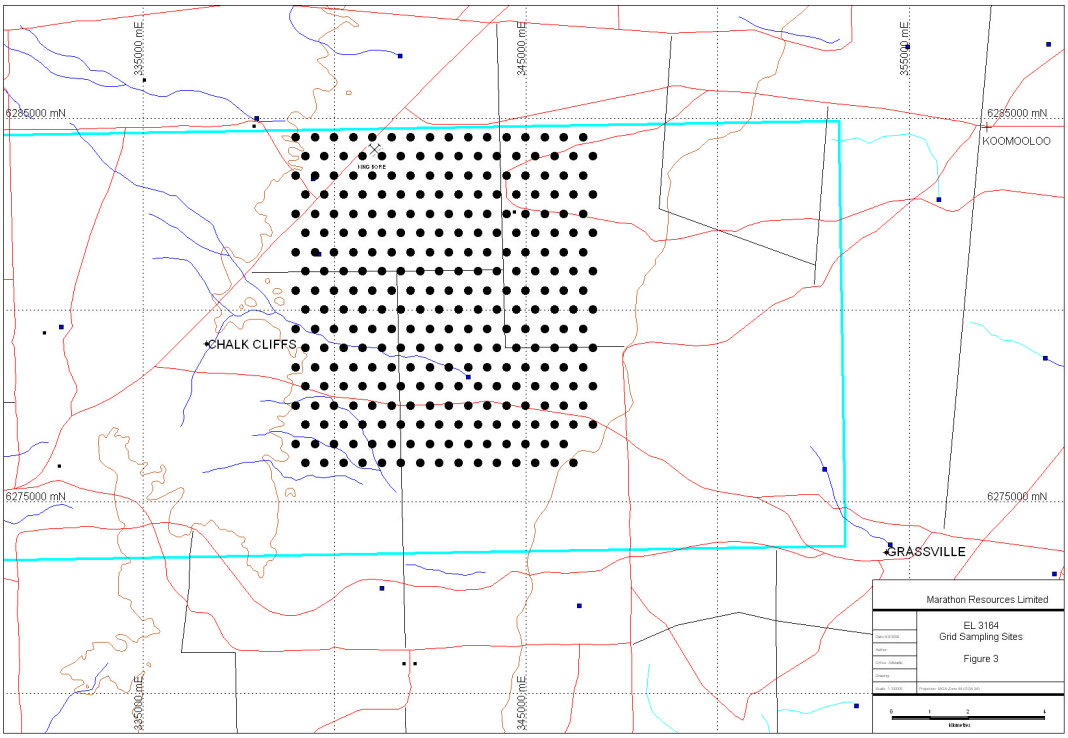


Figure 3: EL 3164 Grid Soil& Calcrete Sample Locations.

Locations and analytical results are included in Appendix 2.

6. Analytical Methods

6.1 MMI™ Soil Samples

MMI™ samples were dispatched to ALS Chemex, Perth, for multi-element analysis.

The MMI™ method uses very weak leaching solutions during digest, in order to extract only the chemical ions weakly bonded to clay or iron oxides fractions, and therefore the entire sample is not digested.

Analysis by ICP/MS finish.

Elements

Ag, Au, Ce, Cu, Li, Ni, Pb, Pd, Se, Sr, U.

6.2 Calcrete Samples

Calcrete samples were dispatched to ALS Chemex, Perth, for multi-element analysis.

Samples were weighed on receipt, crushed >70% -6mm and then pulverised.
Analysis
ME-MS41: Aqua-regia digest with ICP/MS finish.
Elements
Al, As, B, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Fe, Ga, Ge, Hf, Hg, In, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Rb, Re, S, Sb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, Tl, U, V, W, Y, Zn, Zr
PGM-MS23: Fire assay with ICP/MS finish.
Au, Pt, Pd

ICP/MS stands for Inductively Coupled Plasma Mass Spectrometry.

With strong anomalous results being obtained three areas were targeted for follow-up close spaced sampling at 100m x 100m intervals. The three areas were referred to as King Bore in the northwest of the area, Zn zone in the east and SW zone in the southwest of the area.

	Sample Type	Sample Number	Duplicates	Standards
King Bore	Calcrete	507	10	10
	MMI™	553	11	11
Zn Zone	Calcrete	378	7	7
	MMI™	378		7
SW Zone	Calcrete	614	14	14
	MMI™	761		15

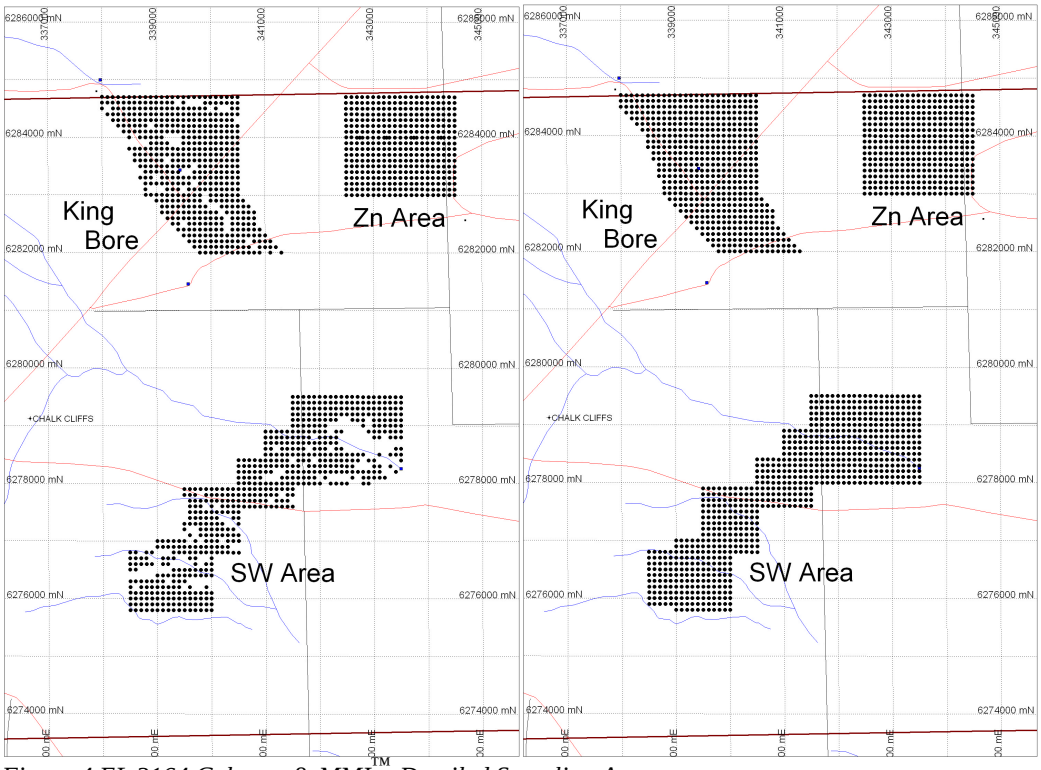


Figure 4 EL 3164 Calcrete & MMI™ Detailed Sampling Areas

7. Expenditure

Activity	$
Geology	7,211
Salaries	7,198
Wages	39,500
Accommodation/Messing	7,453
Vehicles/fuels/oils	6,200
Assays – soil/calcrete	110,097
Field supplies/equipment	2,092
Consultants – geophysics	33,338
Freight	718
Tenement maintenance	1,565
Administration Overheads	24,028
Year total	239,400
Total Expenditure for Licence	285,476

8. Proposed Work

A PACE funded drilling program testing the geochemical responses will commence in early April 2007.

APPENDIX 1

Grid Soil Locations Listing

Mongolata

SAMPLE	ZONE	MGA EAST	MGA NORTH	TYPE	SAMPLE	ZONE	MGA EAST	MGA NORTH	TYPE
181562	54	339250	6276000	Soil	181571	54	343250	6278000	Soil
181561	54	339750	6276000	Soil	181572	54	343750	6278000	Soil
181560	54	340250	6276000	Soil	181573	54	344250	6278000	Soil
181559	54	340750	6276000	Soil	181574	54	344750	6278000	Soil
181558	54	341250	6276000	Soil	181575	54	345250	6278000	Soil
181557	54	341750	6276000	Soil	181576	54	345750	6278000	Soil
181556	54	342250	6276000	Soil	181577	54	346250	6278000	Soil
181555	54	342750	6276000	Soil	181578	54	346750	6278000	Soil
181554	54	343250	6276000	Soil	181594	54	339000	6278500	Soil
181553	54	343750	6276000	Soil	181593	54	339500	6278500	Soil
181552	54	344250	6276000	Soil	181592	54	340000	6278500	Soil
181551	54	344750	6276000	Soil	181591	54	340500	6278500	Soil
181550	54	345250	6276000	Soil	181590	54	341000	6278500	Soil
181549	54	345750	6276000	Soil	181589	54	341500	6278500	Soil
181548	54	346250	6276000	Soil	181588	54	342000	6278500	Soil
181533	54	339000	6276500	Soil	181587	54	342500	6278500	Soil
181534	54	339500	6276500	Soil	181586	54	343000	6278500	Soil
181535	54	340000	6276500	Soil	181585	54	343500	6278500	Soil
181536	54	340500	6276500	Soil	181584	54	344000	6278500	Soil
181537	54	341000	6276500	Soil	181583	54	344500	6278500	Soil
181538	54	341500	6276500	Soil	181582	54	345000	6278500	Soil
181539	54	342000	6276500	Soil	181581	54	345500	6278500	Soil
181540	54	342500	6276500	Soil	181580	54	346000	6278500	Soil
181541	54	343000	6276500	Soil	181579	54	346500	6278500	Soil
181542	54	343500	6276500	Soil	181595	54	339250	6279000	Soil
181543	54	344000	6276500	Soil	181596	54	339750	6279000	Soil
181544	54	344500	6276500	Soil	181597	54	340250	6279000	Soil
181545	54	345000	6276500	Soil	181598	54	340750	6279000	Soil
181546	54	345500	6276500	Soil	181599	54	341250	6279000	Soil
181547	54	346000	6276500	Soil	181600	54	341750	6279000	Soil
181532	54	339250	6277000	Soil	181601	54	342250	6279000	Soil
181531	54	339750	6277000	Soil	181602	54	342750	6279000	Soil
181530	54	340250	6277000	Soil	181603	54	343250	6279000	Soil
181529	54	340750	6277000	Soil	181604	54	343750	6279000	Soil
181528	54	341250	6277000	Soil	181605	54	344250	6279000	Soil
181527	54	341750	6277000	Soil	181606	54	344750	6279000	Soil
181526	54	342250	6277000	Soil	181607	54	345250	6279000	Soil
181525	54	342750	6277000	Soil	181608	54	345750	6279000	Soil
181524	54	343250	6277000	Soil	181609	54	346250	6279000	Soil
181523	54	343750	6277000	Soil	181610	54	346750	6279000	Soil
181522	54	344250	6277000	Soil	181626	54	339000	6279500	Soil
181521	54	344750	6277000	Soil	181625	54	339500	6279500	Soil
181520	54	345250	6277000	Soil	181624	54	340000	6279500	Soil
181519	54	345750	6277000	Soil	181623	54	340500	6279500	Soil
181518	54	346250	6277000	Soil	181622	54	341000	6279500	Soil
181517	54	346750	6277000	Soil	181621	54	341500	6279500	Soil
181501	54	339000	6277500	Soil	181620	54	342000	6279500	Soil
181502	54	339500	6277500	Soil	181619	54	342500	6279500	Soil
181503	54	340000	6277500	Soil	181618	54	343000	6279500	Soil
181504	54	340500	6277500	Soil	181617	54	343500	6279500	Soil
181505	54	341000	6277500	Soil	181616	54	344000	6279500	Soil
181506	54	341500	6277500	Soil	181615	54	344500	6279500	Soil
181507	54	342000	6277500	Soil	181614	54	345000	6279500	Soil
181508	54	342500	6277500	Soil	181613	54	345500	6279500	Soil
181509	54	343000	6277500	Soil	181612	54	346000	6279500	Soil
181510	54	343500	6277500	Soil	181611	54	346500	6279500	Soil
181511	54	344000	6277500	Soil	181627	54	339250	6280000	Soil
181512	54	344500	6277500	Soil	181628	54	339750	6280000	Soil
181513	54	345000	6277500	Soil	181629	54	340250	6280000	Soil
181514	54	345500	6277500	Soil	181630	54	340750	6280000	Soil
181515	54	346000	6277500	Soil	181631	54	341250	6280000	Soil
181516	54	346500	6277500	Soil	181632	54	341750	6280000	Soil
181563	54	339250	6278000	Soil	181633	54	342250	6280000	Soil
181564	54	339750	6278000	Soil	181634	54	342750	6280000	Soil
181565	54	340250	6278000	Soil	181635	54	343250	6280000	Soil
181566	54	340750	6278000	Soil	181636	54	343750	6280000	Soil
181567	54	341250	6278000	Soil	181637	54	344250	6280000	Soil
181568	54	341750	6278000	Soil	181638	54	344750	6280000	Soil
181569	54	342250	6278000	Soil	181639	54	345250	6280000	Soil
181570	54	342750	6278000	Soil	181640	54	345750	6280000	Soil
181641	54	346250	6280000	Soil	182005	54	341000	6282500	Soil
181642	54	346750	6280000	Soil	182006	54	341500	6282500	Soil

SAMPLE	ZONE	MGA EAST	MGA NORTH	TYPE	SAMPLE	ZONE	MGA EAST	MGA NORTH	TYPE
181658	54	339000	6280500	Soil	182007	54	342000	6282500	Soil
181657	54	339500	6280500	Soil	182008	54	342500	6282500	Soil
181656	54	340000	6280500	Soil	182009	54	343000	6282500	Soil
181655	54	340500	6280500	Soil	182010	54	343500	6282500	Soil
181654	54	341000	6280500	Soil	182011	54	344000	6282500	Soil
181653	54	341500	6280500	Soil	182012	54	344500	6282500	Soil
181652	54	342000	6280500	Soil	182013	54	345000	6282500	Soil
181651	54	342500	6280500	Soil	182014	54	345500	6282500	Soil
181650	54	343000	6280500	Soil	182015	54	346000	6282500	Soil
181649	54	343500	6280500	Soil	182016	54	346500	6282500	Soil
181648	54	344000	6280500	Soil	182017	54	339250	6283000	Soil
181647	54	344500	6280500	Soil	182018	54	339750	6283000	Soil
181646	54	345000	6280500	Soil	182019	54	340250	6283000	Soil
181645	54	345500	6280500	Soil	182020	54	340750	6283000	Soil
181644	54	346000	6280500	Soil	182021	54	341250	6283000	Soil
181643	54	346500	6280500	Soil	182022	54	341750	6283000	Soil
181659	54	339250	6281000	Soil	182023	54	342250	6283000	Soil
181660	54	339750	6281000	Soil	182024	54	342750	6283000	Soil
181661	54	340250	6281000	Soil	182025	54	343250	6283000	Soil
181662	54	340750	6281000	Soil	182026	54	343750	6283000	Soil
181663	54	341250	6281000	Soil	182027	54	344250	6283000	Soil
181664	54	341750	6281000	Soil	182028	54	344750	6283000	Soil
181665	54	342250	6281000	Soil	182029	54	345250	6283000	Soil
181666	54	342750	6281000	Soil	182030	54	345750	6283000	Soil
181667	54	343250	6281000	Soil	182031	54	346250	6283000	Soil
181668	54	343750	6281000	Soil	182032	54	346750	6283000	Soil
181669	54	344250	6281000	Soil	182049	54	339000	6283500	Soil
181670	54	344750	6281000	Soil	182048	54	339500	6283500	Soil
181671	54	345250	6281000	Soil	182047	54	340000	6283500	Soil
181672	54	345750	6281000	Soil	182046	54	340500	6283500	Soil
181673	54	346250	6281000	Soil	182045	54	341000	6283500	Soil
181674	54	346750	6281000	Soil	182044	54	341500	6283500	Soil
181290	54	339000	6281500	Soil	182043	54	342000	6283500	Soil
181689	54	339500	6281500	Soil	182041	54	342500	6283500	Soil
181688	54	340000	6281500	Soil	182040	54	343000	6283500	Soil
181687	54	340500	6281500	Soil	182039	54	343500	6283500	Soil
181686	54	341000	6281500	Soil	182038	54	344000	6283500	Soil
181685	54	341500	6281500	Soil	182037	54	344500	6283500	Soil
181684	54	342000	6281500	Soil	182036	54	345000	6283500	Soil
181683	54	342500	6281500	Soil	182035	54	345500	6283500	Soil
181682	54	343000	6281500	Soil	182034	54	346000	6283500	Soil
181681	54	343500	6281500	Soil	182033	54	346500	6283500	Soil
181680	54	344000	6281500	Soil	182050	54	339250	6284000	Soil
181679	54	344500	6281500	Soil	182051	54	339750	6284000	Soil
181678	54	345000	6281500	Soil	182052	54	340250	6284000	Soil
181677	54	345500	6281500	Soil	182053	54	340750	6284000	Soil
181676	54	346000	6281500	Soil	182054	54	341250	6284000	Soil
181675	54	346500	6281500	Soil	182055	54	341750	6284000	Soil
181691	54	339250	6282000	Soil	182056	54	342250	6284000	Soil
181692	54	339750	6282000	Soil	182057	54	342750	6284000	Soil
181693	54	340250	6282000	Soil	182058	54	343250	6284000	Soil
181694	54	340750	6282000	Soil	182059	54	343750	6284000	Soil
181695	54	341250	6282000	Soil	182060	54	344250	6284000	Soil
181696	54	341750	6282000	Soil	182061	54	344750	6284000	Soil
181697	54	342250	6282000	Soil	182062	54	345250	6284000	Soil
181698	54	342750	6282000	Soil	182063	54	345750	6284000	Soil
181699	54	343250	6282000	Soil	182064	54	346250	6284000	Soil
181700	54	343750	6282000	Soil	182065	54	346750	6284000	Soil
181701	54	344250	6282000	Soil	182081	54	339000	6284500	Soil
181702	54	344750	6282000	Soil	182080	54	339500	6284500	Soil
181703	54	345250	6282000	Soil	182079	54	340000	6284500	Soil
181704	54	345750	6282000	Soil	182078	54	340500	6284500	Soil
181705	54	346250	6282000	Soil	182077	54	341000	6284500	Soil
181706	54	346750	6282000	Soil	182076	54	341500	6284500	Soil
182001	54	339000	6282500	Soil	182075	54	342000	6284500	Soil
182002	54	339500	6282500	Soil	182074	54	342500	6284500	Soil
182003	54	340000	6282500	Soil	182073	54	343000	6284500	Soil
182004	54	340500	6282500	Soil	182072	54	343500	6284500	Soil
182071	54	344000	6284500	Soil	182068	54	345500	6284500	Soil
182070	54	344500	6284500	Soil	182067	54	346000	6284500	Soil
182069	54	345000	6284500	Soil	182066	54	346500	6284500	Soil

APPENDIX 2

Grid Calcrete Locations Listing

Mongolata

SAMPLE	ZONE	MGA EAST	MGA NORTH	TYPE	SAMPLE	ZONE	MGA EAST	MGA NORTH	TYPE
181562	54	339250	6276000	Calcrete	181571	54	343250	6278000	Calcrete
181561	54	339750	6276000	Calcrete	181572	54	343750	6278000	Calcrete
181560	54	340250	6276000	Calcrete	181573	54	344250	6278000	Calcrete
181559	54	340750	6276000	Calcrete	181574	54	344750	6278000	Calcrete
181558	54	341250	6276000	Calcrete	181575	54	345250	6278000	Calcrete
181557	54	341750	6276000	Calcrete	181576	54	345750	6278000	Calcrete
181556	54	342250	6276000	Calcrete	181577	54	346250	6278000	Calcrete
181555	54	342750	6276000	Calcrete	181578	54	346750	6278000	Calcrete
181554	54	343250	6276000	Calcrete	181594	54	339000	6278500	Calcrete
181553	54	343750	6276000	Calcrete	181593	54	339500	6278500	Calcrete
181552	54	344250	6276000	Calcrete	181592	54	340000	6278500	Calcrete
181551	54	344750	6276000	Calcrete	181591	54	340500	6278500	Calcrete
181550	54	345250	6276000	Calcrete	181590	54	341000	6278500	Calcrete
181549	54	345750	6276000	Calcrete	181589	54	341500	6278500	Calcrete
181548	54	346250	6276000	Calcrete	181588	54	342000	6278500	Calcrete
181533	54	339000	6276500	Calcrete	181587	54	342500	6278500	Calcrete
181534	54	339500	6276500	Calcrete	181586	54	343000	6278500	Calcrete
181535	54	340000	6276500	Calcrete	181585	54	343500	6278500	Calcrete
181536	54	340500	6276500	Calcrete	181584	54	344000	6278500	Calcrete
181537	54	341000	6276500	Calcrete	181583	54	344500	6278500	Calcrete
181538	54	341500	6276500	Calcrete	181582	54	345000	6278500	Calcrete
181539	54	342000	6276500	Calcrete	181581	54	345500	6278500	Calcrete
181540	54	342500	6276500	Calcrete	181580	54	346000	6278500	Calcrete
181541	54	343000	6276500	Calcrete	181579	54	346500	6278500	Calcrete
181542	54	343500	6276500	Calcrete	181595	54	339250	6279000	Calcrete
181543	54	344000	6276500	Calcrete	181596	54	339750	6279000	Calcrete
181544	54	344500	6276500	Calcrete	181597	54	340250	6279000	Calcrete
181545	54	345000	6276500	Calcrete	181598	54	340750	6279000	Calcrete
181546	54	345500	6276500	Calcrete	181599	54	341250	6279000	Calcrete
181547	54	346000	6276500	Calcrete	181600	54	341750	6279000	Calcrete
181532	54	339250	6277000	Calcrete	181601	54	342250	6279000	Calcrete
181531	54	339750	6277000	Calcrete	181602	54	342750	6279000	Calcrete
181530	54	340250	6277000	Calcrete	181603	54	343250	6279000	Calcrete
181529	54	340750	6277000	Calcrete	181604	54	343750	6279000	Calcrete
181528	54	341250	6277000	Calcrete	181605	54	344250	6279000	Calcrete
181527	54	341750	6277000	Calcrete	181606	54	344750	6279000	Calcrete
181526	54	342250	6277000	Calcrete	181607	54	345250	6279000	Calcrete
181525	54	342750	6277000	Calcrete	181608	54	345750	6279000	Calcrete
181524	54	343250	6277000	Calcrete	181609	54	346250	6279000	Calcrete
181523	54	343750	6277000	Calcrete	181610	54	346750	6279000	Calcrete
181522	54	344250	6277000	Calcrete	181626	54	339000	6279500	Calcrete
181521	54	344750	6277000	Calcrete	181625	54	339500	6279500	Calcrete
181520	54	345250	6277000	Calcrete	181624	54	340000	6279500	Calcrete
181519	54	345750	6277000	Calcrete	181623	54	340500	6279500	Calcrete
181518	54	346250	6277000	Calcrete	181622	54	341000	6279500	Calcrete
181517	54	346750	6277000	Calcrete	181621	54	341500	6279500	Calcrete
181501	54	339000	6277500	Calcrete	181620	54	342000	6279500	Calcrete
181502	54	339500	6277500	Calcrete	181619	54	342500	6279500	Calcrete
181503	54	340000	6277500	Calcrete	181618	54	343000	6279500	Calcrete
181504	54	340500	6277500	Calcrete	181617	54	343500	6279500	Calcrete
181505	54	341000	6277500	Calcrete	181616	54	344000	6279500	Calcrete
181506	54	341500	6277500	Calcrete	181615	54	344500	6279500	Calcrete
181507	54	342000	6277500	Calcrete	181614	54	345000	6279500	Calcrete
181508	54	342500	6277500	Calcrete	181613	54	345500	6279500	Calcrete
181509	54	343000	6277500	Calcrete	181612	54	346000	6279500	Calcrete
181510	54	343500	6277500	Calcrete	181611	54	346500	6279500	Calcrete
181511	54	344000	6277500	Calcrete	181627	54	339250	6280000	Calcrete
181512	54	344500	6277500	Calcrete	181628	54	339750	6280000	Calcrete
181513	54	345000	6277500	Calcrete	181629	54	340250	6280000	Calcrete
181514	54	345500	6277500	Calcrete	181630	54	340750	6280000	Calcrete
181515	54	346000	6277500	Calcrete	181631	54	341250	6280000	Calcrete
181516	54	346500	6277500	Calcrete	181632	54	341750	6280000	Calcrete
181563	54	339250	6278000	Calcrete	181633	54	342250	6280000	Calcrete
181564	54	339750	6278000	Calcrete	181634	54	342750	6280000	Calcrete
181565	54	340250	6278000	Calcrete	181635	54	343250	6280000	Calcrete
181566	54	340750	6278000	Calcrete	181636	54	343750	6280000	Calcrete
181567	54	341250	6278000	Calcrete	181637	54	344250	6280000	Calcrete
181568	54	341750	6278000	Calcrete	181638	54	344750	6280000	Calcrete
181569	54	342250	6278000	Calcrete	181639	54	345250	6280000	Calcrete
181570	54	342750	6278000	Calcrete	181640	54	345750	6280000	Calcrete
181641	54	346250	6280000	Calcrete	182005	54	341000	6282500	Calcrete
181642	54	346750	6280000	Calcrete	182006	54	341500	6282500	Calcrete

SAMPLE	ZONE	MGA EAST	MGA NORTH	TYPE	SAMPLE	ZONE	MGA EAST	MGA NORTH	TYPE
181658	54	339000	6280500	Calcrete	182007	54	342000	6282500	Calcrete
181657	54	339500	6280500	Calcrete	182008	54	342500	6282500	Calcrete
181656	54	340000	6280500	Calcrete	182009	54	343000	6282500	Calcrete
181655	54	340500	6280500	Calcrete	182010	54	343500	6282500	Calcrete
181654	54	341000	6280500	Calcrete	182011	54	344000	6282500	Calcrete
181653	54	341500	6280500	Calcrete	182012	54	344500	6282500	Calcrete
181652	54	342000	6280500	Calcrete	182013	54	345000	6282500	Calcrete
181651	54	342500	6280500	Calcrete	182014	54	345500	6282500	Calcrete
181650	54	343000	6280500	Calcrete	182015	54	346000	6282500	Calcrete
181649	54	343500	6280500	Calcrete	182016	54	346500	6282500	Calcrete
181648	54	344000	6280500	Calcrete	182017	54	339250	6283000	Calcrete
181647	54	344500	6280500	Calcrete	182018	54	339750	6283000	Calcrete
181646	54	345000	6280500	Calcrete	182019	54	340250	6283000	Calcrete
181645	54	345500	6280500	Calcrete	182020	54	340750	6283000	Calcrete
181644	54	346000	6280500	Calcrete	182021	54	341250	6283000	Calcrete
181643	54	346500	6280500	Calcrete	182022	54	341750	6283000	Calcrete
181659	54	339250	6281000	Calcrete	182023	54	342250	6283000	Calcrete
181660	54	339750	6281000	Calcrete	182024	54	342750	6283000	Calcrete
181661	54	340250	6281000	Calcrete	182025	54	343250	6283000	Calcrete
181662	54	340750	6281000	Calcrete	182026	54	343750	6283000	Calcrete
181663	54	341250	6281000	Calcrete	182027	54	344250	6283000	Calcrete
181664	54	341750	6281000	Calcrete	182028	54	344750	6283000	Calcrete
181665	54	342250	6281000	Calcrete	182029	54	345250	6283000	Calcrete
181666	54	342750	6281000	Calcrete	182030	54	345750	6283000	Calcrete
181667	54	343250	6281000	Calcrete	182031	54	346250	6283000	Calcrete
181668	54	343750	6281000	Calcrete	182032	54	346750	6283000	Calcrete
181669	54	344250	6281000	Calcrete	182049	54	339000	6283500	Calcrete
181670	54	344750	6281000	Calcrete	182048	54	339500	6283500	Calcrete
181671	54	345250	6281000	Calcrete	182047	54	340000	6283500	Calcrete
181672	54	345750	6281000	Calcrete	182046	54	340500	6283500	Calcrete
181673	54	346250	6281000	Calcrete	182045	54	341000	6283500	Calcrete
181674	54	346750	6281000	Calcrete	182044	54	341500	6283500	Calcrete
181290	54	339000	6281500	Calcrete	182043	54	342000	6283500	Calcrete
181689	54	339500	6281500	Calcrete	182041	54	342500	6283500	Calcrete
181688	54	340000	6281500	Calcrete	182040	54	343000	6283500	Calcrete
181687	54	340500	6281500	Calcrete	182039	54	343500	6283500	Calcrete
181686	54	341000	6281500	Calcrete	182038	54	344000	6283500	Calcrete
181685	54	341500	6281500	Calcrete	182037	54	344500	6283500	Calcrete
181684	54	342000	6281500	Calcrete	182036	54	345000	6283500	Calcrete
181683	54	342500	6281500	Calcrete	182035	54	345500	6283500	Calcrete
181682	54	343000	6281500	Calcrete	182034	54	346000	6283500	Calcrete
181681	54	343500	6281500	Calcrete	182033	54	346500	6283500	Calcrete
181680	54	344000	6281500	Calcrete	182050	54	339250	6284000	Calcrete
181679	54	344500	6281500	Calcrete	182051	54	339750	6284000	Calcrete
181678	54	345000	6281500	Calcrete	182052	54	340250	6284000	Calcrete
181677	54	345500	6281500	Calcrete	182053	54	340750	6284000	Calcrete
181676	54	346000	6281500	Calcrete	182054	54	341250	6284000	Calcrete
181675	54	346500	6281500	Calcrete	182055	54	341750	6284000	Calcrete
181691	54	339250	6282000	Calcrete	182056	54	342250	6284000	Calcrete
181692	54	339750	6282000	Calcrete	182057	54	342750	6284000	Calcrete
181693	54	340250	6282000	Calcrete	182058	54	343250	6284000	Calcrete
181694	54	340750	6282000	Calcrete	182059	54	343750	6284000	Calcrete
181695	54	341250	6282000	Calcrete	182060	54	344250	6284000	Calcrete
181696	54	341750	6282000	Calcrete	182061	54	344750	6284000	Calcrete
181697	54	342250	6282000	Calcrete	182062	54	345250	6284000	Calcrete
181698	54	342750	6282000	Calcrete	182063	54	345750	6284000	Calcrete
181699	54	343250	6282000	Calcrete	182064	54	346250	6284000	Calcrete
181700	54	343750	6282000	Calcrete	182065	54	346750	6284000	Calcrete
181701	54	344250	6282000	Calcrete	182081	54	339000	6284500	Calcrete
181702	54	344750	6282000	Calcrete	182080	54	339500	6284500	Calcrete
181703	54	345250	6282000	Calcrete	182079	54	340000	6284500	Calcrete
181704	54	345750	6282000	Calcrete	182078	54	340500	6284500	Calcrete
181705	54	346250	6282000	Calcrete	182077	54	341000	6284500	Calcrete
181706	54	346750	6282000	Calcrete	182076	54	341500	6284500	Calcrete
182001	54	339000	6282500	Calcrete	182075	54	342000	6284500	Calcrete
182002	54	339500	6282500	Calcrete	182074	54	342500	6284500	Calcrete
182003	54	340000	6282500	Calcrete	182073	54	343000	6284500	Calcrete
182004	54	340500	6282500	Calcrete	182072	54	343500	6284500	Calcrete
182071	54	344000	6284500	Calcrete	182068	54	345500	6284500	Calcrete
182070	54	344500	6284500	Calcrete	182067	54	346000	6284500	Calcrete
182069	54	345000	6284500	Calcrete	182066	54	346500	6284500	Calcrete

APPENDIX 3

Follow-up Areas Soil Sample Locations

Mongolata

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
38558	54	341300	6282000	Soil	38524	54	340900	6282300	Soil
38559	54	341200	6282000	Soil	38525	54	341000	6282300	Soil
38560	54	341100	6282000	Soil	38492	54	340900	6282400	Soil
38561	54	341000	6282000	Soil	38493	54	340800	6282400	Soil
38562	54	340900	6282000	Soil	38494	54	340700	6282400	Soil
38563	54	340800	6282000	Soil	38495	54	340600	6282400	Soil
38564	54	340700	6282000	Soil	38496	54	340500	6282400	Soil
38565	54	340600	6282000	Soil	38497	54	340400	6282400	Soil
38566	54	340500	6282000	Soil	38498	54	340300	6282400	Soil
38567	54	340400	6282000	Soil	38499	54	340200	6282400	Soil
38568	54	340300	6282000	Soil	38500	54	340100	6282400	Soil
38569	54	340200	6282000	Soil	38501	54	340000	6282400	Soil
38570	54	340100	6282000	Soil	38502	54	339900	6282400	Soil
38571	54	340000	6282000	Soil	38503	54	339800	6282400	Soil
38572	54	339900	6282000	Soil	38504	54	339700	6282400	Soil
38573	54	339800	6282000	Soil	38505	54	339600	6282400	Soil
38542	54	339700	6282100	Soil	38506	54	339500	6282400	Soil
38543	54	339800	6282100	Soil	38507	54	339400	6282400	Soil
38544	54	339900	6282100	Soil	38476	54	339300	6282500	Soil
38545	54	340000	6282100	Soil	38477	54	339400	6282500	Soil
38546	54	340100	6282100	Soil	38478	54	339500	6282500	Soil
38547	54	340200	6282100	Soil	38479	54	339600	6282500	Soil
38548	54	340300	6282100	Soil	38480	54	339700	6282500	Soil
38549	54	340400	6282100	Soil	38481	54	339800	6282500	Soil
38550	54	340500	6282100	Soil	38482	54	339900	6282500	Soil
38551	54	340600	6282100	Soil	38483	54	340000	6282500	Soil
38552	54	340700	6282100	Soil	38484	54	340100	6282500	Soil
38553	54	340800	6282100	Soil	38485	54	340200	6282500	Soil
38554	54	340900	6282100	Soil	38486	54	340300	6282500	Soil
38555	54	341000	6282100	Soil	38487	54	340400	6282500	Soil
38556	54	341100	6282100	Soil	38488	54	340500	6282500	Soil
38557	54	341200	6282100	Soil	38489	54	340600	6282500	Soil
38526	54	341100	6282200	Soil	38490	54	340700	6282500	Soil
38527	54	341000	6282200	Soil	38491	54	340800	6282500	Soil
38528	54	340900	6282200	Soil	38457	54	340800	6282600	Soil
38529	54	340800	6282200	Soil	38458	54	340700	6282600	Soil
38530	54	340700	6282200	Soil	38459	54	340600	6282600	Soil
38531	54	340600	6282200	Soil	38460	54	340500	6282600	Soil
38532	54	340500	6282200	Soil	38461	54	340400	6282600	Soil
38533	54	340400	6282200	Soil	38462	54	340300	6282600	Soil
38534	54	340300	6282200	Soil	38463	54	340200	6282600	Soil
38535	54	340200	6282200	Soil	38464	54	340100	6282600	Soil
38536	54	340100	6282200	Soil	38465	54	340000	6282600	Soil
38537	54	340000	6282200	Soil	38466	54	339900	6282600	Soil
38538	54	339900	6282200	Soil	38469	54	339800	6282600	Soil
38539	54	339800	6282200	Soil	38470	54	339700	6282600	Soil
38540	54	339700	6282200	Soil	38471	54	339600	6282600	Soil
38541	54	339600	6282200	Soil	38472	54	339500	6282600	Soil
38508	54	339500	6282300	Soil	38473	54	339400	6282600	Soil
38509	54	339600	6282300	Soil	38474	54	339300	6282600	Soil
38510	54	339700	6282300	Soil	38475	54	339200	6282600	Soil
38511	54	339800	6282300	Soil	38439	54	339100	6282700	Soil
38512	54	339900	6282300	Soil	38440	54	339200	6282700	Soil
38513	54	340000	6282300	Soil	38441	54	339300	6282700	Soil
38514	54	340100	6282300	Soil	38442	54	339400	6282700	Soil
38515	54	340200	6282300	Soil	38443	54	339500	6282700	Soil
38516	54	340300	6282300	Soil	38444	54	339600	6282700	Soil
38517	54	340400	6282300	Soil	38445	54	339700	6282700	Soil
38518	54	340500	6282300	Soil	38446	54	339800	6282700	Soil
38521	54	340600	6282300	Soil	38447	54	339900	6282700	Soil
38522	54	340700	6282300	Soil	38448	54	340000	6282700	Soil
38523	54	340800	6282300	Soil	38449	54	340100	6282700	Soil

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
38450	54	340200	6282700	Soil	182120	54	342600	6283000	Soil
38451	54	340300	6282700	Soil	182121	54	342500	6283000	Soil
38452	54	340400	6282700	Soil	38383	54	340500	6283000	Soil
38453	54	340500	6282700	Soil	38384	54	340400	6283000	Soil
38454	54	340600	6282700	Soil	38385	54	340300	6283000	Soil
38455	54	340700	6282700	Soil	38386	54	340200	6283000	Soil
38456	54	340800	6282700	Soil	38387	54	340100	6283000	Soil
38421	54	340700	6282800	Soil	38388	54	340000	6283000	Soil
38422	54	340600	6282800	Soil	38389	54	339900	6283000	Soil
38423	54	340500	6282800	Soil	38390	54	339800	6283000	Soil
38424	54	340400	6282800	Soil	38391	54	339700	6283000	Soil
38425	54	340300	6282800	Soil	38392	54	339600	6283000	Soil
38426	54	340200	6282800	Soil	38393	54	339500	6283000	Soil
38427	54	340100	6282800	Soil	38394	54	339400	6283000	Soil
38428	54	340000	6282800	Soil	38395	54	339300	6283000	Soil
38429	54	339900	6282800	Soil	38396	54	339200	6283000	Soil
38430	54	339800	6282800	Soil	38397	54	339100	6283000	Soil
38431	54	339700	6282800	Soil	38398	54	339000	6283000	Soil
38432	54	339600	6282800	Soil	38399	54	338900	6283000	Soil
38433	54	339500	6282800	Soil	38400	54	338800	6283000	Soil
38434	54	339400	6282800	Soil	182122	54	342500	6283100	Soil
38435	54	339300	6282800	Soil	182123	54	342600	6283100	Soil
38436	54	339200	6282800	Soil	182124	54	342700	6283100	Soil
38437	54	339100	6282800	Soil	182125	54	342800	6283100	Soil
38438	54	339000	6282800	Soil	182126	54	342900	6283100	Soil
38401	54	338900	6282900	Soil	182127	54	343000	6283100	Soil
38402	54	339000	6282900	Soil	182128	54	343100	6283100	Soil
38403	54	339100	6282900	Soil	182129	54	343200	6283100	Soil
38404	54	339200	6282900	Soil	182130	54	343300	6283100	Soil
38405	54	339300	6282900	Soil	182131	54	343400	6283100	Soil
38406	54	339400	6282900	Soil	182132	54	343500	6283100	Soil
38407	54	339500	6282900	Soil	182133	54	343600	6283100	Soil
38408	54	339600	6282900	Soil	182134	54	343700	6283100	Soil
38409	54	339700	6282900	Soil	182135	54	343800	6283100	Soil
38410	54	339800	6282900	Soil	182136	54	343900	6283100	Soil
38411	54	339900	6282900	Soil	182137	54	344000	6283100	Soil
38412	54	340000	6282900	Soil	182138	54	344100	6283100	Soil
38413	54	340100	6282900	Soil	182139	54	344200	6283100	Soil
38414	54	340200	6282900	Soil	182140	54	344300	6283100	Soil
38417	54	340300	6282900	Soil	182141	54	344400	6283100	Soil
38418	54	340400	6282900	Soil	182142	54	344500	6283100	Soil
38419	54	340500	6282900	Soil	38365	54	338800	6283100	Soil
38420	54	340600	6282900	Soil	38366	54	338900	6283100	Soil
182101	54	344500	6283000	Soil	38367	54	339000	6283100	Soil
182102	54	344400	6283000	Soil	38368	54	339100	6283100	Soil
182103	54	344300	6283000	Soil	38369	54	339200	6283100	Soil
182104	54	344200	6283000	Soil	38370	54	339300	6283100	Soil
182105	54	344100	6283000	Soil	38371	54	339400	6283100	Soil
182106	54	344000	6283000	Soil	38372	54	339500	6283100	Soil
182107	54	343900	6283000	Soil	38373	54	339600	6283100	Soil
182108	54	343800	6283000	Soil	38374	54	339700	6283100	Soil
182109	54	343700	6283000	Soil	38375	54	339800	6283100	Soil
182110	54	343600	6283000	Soil	38376	54	339900	6283100	Soil
182111	54	343500	6283000	Soil	38377	54	340000	6283100	Soil
182112	54	343400	6283000	Soil	38378	54	340100	6283100	Soil
182113	54	343300	6283000	Soil	38379	54	340200	6283100	Soil
182114	54	343200	6283000	Soil	38380	54	340300	6283100	Soil
182115	54	343100	6283000	Soil	38381	54	340400	6283100	Soil
182116	54	343000	6283000	Soil	38382	54	340500	6283100	Soil
182117	54	342900	6283000	Soil	182143	54	344500	6283200	Soil
182118	54	342800	6283000	Soil	182144	54	344400	6283200	Soil
182119	54	342700	6283000	Soil	182145	54	344300	6283200	Soil

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
182146	54	344200	6283200	Soil	38331	54	339200	6283300	Soil
182147	54	344100	6283200	Soil	38332	54	339300	6283300	Soil
182148	54	344000	6283200	Soil	38333	54	339400	6283300	Soil
182149	54	343900	6283200	Soil	38334	54	339500	6283300	Soil
182150	54	343800	6283200	Soil	38335	54	339600	6283300	Soil
182151	54	343700	6283200	Soil	38336	54	339700	6283300	Soil
182152	54	343600	6283200	Soil	38337	54	339800	6283300	Soil
182153	54	343500	6283200	Soil	38338	54	339900	6283300	Soil
182154	54	343400	6283200	Soil	38339	54	340000	6283300	Soil
182155	54	343300	6283200	Soil	38340	54	340100	6283300	Soil
182156	54	343200	6283200	Soil	38341	54	340200	6283300	Soil
182157	54	343100	6283200	Soil	38342	54	340300	6283300	Soil
182158	54	343000	6283200	Soil	38343	54	340400	6283300	Soil
182159	54	342900	6283200	Soil	38344	54	340500	6283300	Soil
182160	54	342800	6283200	Soil	182185	54	344500	6283400	Soil
182161	54	342700	6283200	Soil	182186	54	344400	6283400	Soil
182162	54	342600	6283200	Soil	182187	54	344300	6283400	Soil
182163	54	342500	6283200	Soil	182188	54	344200	6283400	Soil
38345	54	340500	6283200	Soil	182189	54	344100	6283400	Soil
38346	54	340400	6283200	Soil	182190	54	344000	6283400	Soil
38347	54	340300	6283200	Soil	182191	54	343900	6283400	Soil
38348	54	340200	6283200	Soil	182192	54	343800	6283400	Soil
38349	54	340100	6283200	Soil	182193	54	343700	6283400	Soil
38350	54	340000	6283200	Soil	182194	54	343600	6283400	Soil
38351	54	339900	6283200	Soil	182195	54	343500	6283400	Soil
38352	54	339800	6283200	Soil	182196	54	343400	6283400	Soil
38353	54	339700	6283200	Soil	182197	54	343300	6283400	Soil
38354	54	339600	6283200	Soil	182198	54	343200	6283400	Soil
38355	54	339500	6283200	Soil	182199	54	343100	6283400	Soil
38356	54	339400	6283200	Soil	182200	54	343000	6283400	Soil
38357	54	339300	6283200	Soil	182201	54	342900	6283400	Soil
38358	54	339200	6283200	Soil	182202	54	342800	6283400	Soil
38359	54	339100	6283200	Soil	182203	54	342700	6283400	Soil
38360	54	339000	6283200	Soil	182204	54	342600	6283400	Soil
38361	54	338900	6283200	Soil	182205	54	342500	6283400	Soil
38362	54	338800	6283200	Soil	38305	54	340500	6283400	Soil
182164	54	342500	6283300	Soil	38306	54	340400	6283400	Soil
182165	54	342600	6283300	Soil	38307	54	340300	6283400	Soil
182166	54	342700	6283300	Soil	38308	54	340200	6283400	Soil
182167	54	342800	6283300	Soil	38309	54	340100	6283400	Soil
182168	54	342900	6283300	Soil	38310	54	340000	6283400	Soil
182169	54	343000	6283300	Soil	38313	54	339900	6283400	Soil
182170	54	343100	6283300	Soil	38314	54	339800	6283400	Soil
182171	54	343200	6283300	Soil	38315	54	339700	6283400	Soil
182172	54	343300	6283300	Soil	38316	54	339600	6283400	Soil
182173	54	343400	6283300	Soil	38317	54	339500	6283400	Soil
182174	54	343500	6283300	Soil	38318	54	339400	6283400	Soil
182175	54	343600	6283300	Soil	38319	54	339300	6283400	Soil
182176	54	343700	6283300	Soil	38320	54	339200	6283400	Soil
182177	54	343800	6283300	Soil	38321	54	339100	6283400	Soil
182178	54	343900	6283300	Soil	38322	54	339000	6283400	Soil
182179	54	344000	6283300	Soil	38323	54	338900	6283400	Soil
182180	54	344100	6283300	Soil	38324	54	338800	6283400	Soil
182181	54	344200	6283300	Soil	38325	54	338700	6283400	Soil
182182	54	344300	6283300	Soil	182206	54	342500	6283500	Soil
182183	54	344400	6283300	Soil	182207	54	342600	6283500	Soil
182184	54	344500	6283300	Soil	182208	54	342700	6283500	Soil
38326	54	338700	6283300	Soil	182209	54	342800	6283500	Soil
38327	54	338800	6283300	Soil	182210	54	342900	6283500	Soil
38328	54	338900	6283300	Soil	182211	54	343000	6283500	Soil
38329	54	339000	6283300	Soil	182212	54	343100	6283500	Soil
38330	54	339100	6283300	Soil	182213	54	343200	6283500	Soil

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
182214	54	343300	6283500	Soil	38275	54	339600	6283600	Soil
182215	54	343400	6283500	Soil	38276	54	339500	6283600	Soil
182216	54	343500	6283500	Soil	38277	54	339400	6283600	Soil
182217	54	343600	6283500	Soil	38278	54	339300	6283600	Soil
182218	54	343700	6283500	Soil	38279	54	339200	6283600	Soil
182219	54	343800	6283500	Soil	38280	54	339100	6283600	Soil
182220	54	343900	6283500	Soil	38281	54	339000	6283600	Soil
182221	54	344000	6283500	Soil	38282	54	338900	6283600	Soil
182222	54	344100	6283500	Soil	38283	54	338800	6283600	Soil
182223	54	344200	6283500	Soil	38284	54	338700	6283600	Soil
182224	54	344300	6283500	Soil	38285	54	338600	6283600	Soil
182225	54	344400	6283500	Soil	182248	54	344500	6283700	Soil
182226	54	344500	6283500	Soil	182249	54	344400	6283700	Soil
38286	54	338700	6283500	Soil	182250	54	344300	6283700	Soil
38287	54	338800	6283500	Soil	182251	54	344200	6283700	Soil
38288	54	338900	6283500	Soil	182252	54	344100	6283700	Soil
38289	54	339000	6283500	Soil	182253	54	344000	6283700	Soil
38290	54	339100	6283500	Soil	182254	54	343900	6283700	Soil
38291	54	339200	6283500	Soil	182255	54	343800	6283700	Soil
38292	54	339300	6283500	Soil	182256	54	343700	6283700	Soil
38293	54	339400	6283500	Soil	182257	54	343600	6283700	Soil
38294	54	339500	6283500	Soil	182258	54	343500	6283700	Soil
38295	54	339600	6283500	Soil	182259	54	343400	6283700	Soil
38296	54	339700	6283500	Soil	182260	54	343300	6283700	Soil
38297	54	339800	6283500	Soil	182261	54	343200	6283700	Soil
38298	54	339900	6283500	Soil	182262	54	343100	6283700	Soil
38299	54	340000	6283500	Soil	182263	54	343000	6283700	Soil
38300	54	340100	6283500	Soil	182264	54	342900	6283700	Soil
38301	54	340200	6283500	Soil	182265	54	342800	6283700	Soil
38302	54	340300	6283500	Soil	182266	54	342700	6283700	Soil
38303	54	340400	6283500	Soil	182267	54	342600	6283700	Soil
38304	54	340500	6283500	Soil	182268	54	342500	6283700	Soil
182227	54	344500	6283600	Soil	38244	54	338600	6283700	Soil
182228	54	344400	6283600	Soil	38245	54	338700	6283700	Soil
182229	54	344300	6283600	Soil	38246	54	338800	6283700	Soil
182230	54	344200	6283600	Soil	38247	54	338900	6283700	Soil
182231	54	344100	6283600	Soil	38248	54	339000	6283700	Soil
182232	54	344000	6283600	Soil	38249	54	339100	6283700	Soil
182233	54	343900	6283600	Soil	38250	54	339200	6283700	Soil
182234	54	343800	6283600	Soil	38251	54	339300	6283700	Soil
182235	54	343700	6283600	Soil	38252	54	339400	6283700	Soil
182236	54	343600	6283600	Soil	38253	54	339500	6283700	Soil
182237	54	343500	6283600	Soil	38254	54	339600	6283700	Soil
182238	54	343400	6283600	Soil	38255	54	339700	6283700	Soil
182239	54	343300	6283600	Soil	38256	54	339800	6283700	Soil
182240	54	343200	6283600	Soil	38257	54	339900	6283700	Soil
182241	54	343100	6283600	Soil	38258	54	340000	6283700	Soil
182242	54	343000	6283600	Soil	38261	54	340100	6283700	Soil
182243	54	342900	6283600	Soil	38262	54	340200	6283700	Soil
182244	54	342800	6283600	Soil	38263	54	340300	6283700	Soil
182245	54	342700	6283600	Soil	38264	54	340400	6283700	Soil
182246	54	342600	6283600	Soil	38265	54	340500	6283700	Soil
182247	54	342500	6283600	Soil	182269	54	342500	6283800	Soil
38266	54	340500	6283600	Soil	182270	54	342600	6283800	Soil
38267	54	340400	6283600	Soil	182271	54	342700	6283800	Soil
38268	54	340300	6283600	Soil	182272	54	342800	6283800	Soil
38269	54	340200	6283600	Soil	182273	54	342900	6283800	Soil
38270	54	340100	6283600	Soil	182274	54	343000	6283800	Soil
38271	54	340000	6283600	Soil	182275	54	343100	6283800	Soil
38272	54	339900	6283600	Soil	182276	54	343200	6283800	Soil
38273	54	339800	6283600	Soil	182277	54	343300	6283800	Soil
38274	54	339700	6283600	Soil	182278	54	343400	6283800	Soil

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
182279	54	343500	6283800	Soil	38211	54	339400	6283900	Soil
182280	54	343600	6283800	Soil	38212	54	339500	6283900	Soil
182281	54	343700	6283800	Soil	38213	54	339600	6283900	Soil
182282	54	343800	6283800	Soil	38214	54	339700	6283900	Soil
182283	54	343900	6283800	Soil	38215	54	339800	6283900	Soil
182284	54	344000	6283800	Soil	38216	54	339900	6283900	Soil
182285	54	344100	6283800	Soil	38217	54	340000	6283900	Soil
182286	54	344200	6283800	Soil	38218	54	340100	6283900	Soil
182287	54	344300	6283800	Soil	38219	54	340200	6283900	Soil
182288	54	344400	6283800	Soil	38220	54	340300	6283900	Soil
182289	54	344500	6283800	Soil	38221	54	340400	6283900	Soil
38223	54	340500	6283800	Soil	38222	54	340500	6283900	Soil
38224	54	340400	6283800	Soil	182311	54	342500	6284000	Soil
38225	54	340300	6283800	Soil	182312	54	342600	6284000	Soil
38226	54	340200	6283800	Soil	182313	54	342700	6284000	Soil
38227	54	340100	6283800	Soil	182314	54	342800	6284000	Soil
38228	54	340000	6283800	Soil	182315	54	342900	6284000	Soil
38229	54	339900	6283800	Soil	182316	54	343000	6284000	Soil
38230	54	339800	6283800	Soil	182317	54	343100	6284000	Soil
38231	54	339700	6283800	Soil	182318	54	343200	6284000	Soil
38232	54	339600	6283800	Soil	182319	54	343300	6284000	Soil
38233	54	339500	6283800	Soil	182320	54	343400	6284000	Soil
38234	54	339400	6283800	Soil	182321	54	343500	6284000	Soil
38235	54	339300	6283800	Soil	182322	54	343600	6284000	Soil
38236	54	339200	6283800	Soil	182323	54	343700	6284000	Soil
38237	54	339100	6283800	Soil	182324	54	343800	6284000	Soil
38238	54	339000	6283800	Soil	182325	54	343900	6284000	Soil
38239	54	338900	6283800	Soil	182326	54	344000	6284000	Soil
38240	54	338800	6283800	Soil	182327	54	344100	6284000	Soil
38241	54	338700	6283800	Soil	182328	54	344200	6284000	Soil
38242	54	338600	6283800	Soil	182329	54	344300	6284000	Soil
38243	54	338500	6283800	Soil	182330	54	344400	6284000	Soil
182290	54	344500	6283900	Soil	182331	54	344500	6284000	Soil
182291	54	344400	6283900	Soil	38179	54	340500	6284000	Soil
182292	54	344300	6283900	Soil	38180	54	340400	6284000	Soil
182293	54	344200	6283900	Soil	38181	54	340300	6284000	Soil
182294	54	344100	6283900	Soil	38182	54	340200	6284000	Soil
182295	54	344000	6283900	Soil	38183	54	340100	6284000	Soil
182296	54	343900	6283900	Soil	38184	54	340000	6284000	Soil
182297	54	343800	6283900	Soil	38185	54	339900	6284000	Soil
182298	54	343700	6283900	Soil	38186	54	339800	6284000	Soil
182299	54	343600	6283900	Soil	38187	54	339700	6284000	Soil
182300	54	343500	6283900	Soil	38188	54	339600	6284000	Soil
182301	54	343400	6283900	Soil	38189	54	339500	6284000	Soil
182302	54	343300	6283900	Soil	38190	54	339400	6284000	Soil
182303	54	343200	6283900	Soil	38191	54	339300	6284000	Soil
182304	54	343100	6283900	Soil	38192	54	339200	6284000	Soil
182305	54	343000	6283900	Soil	38193	54	339100	6284000	Soil
182306	54	342900	6283900	Soil	38194	54	339000	6284000	Soil
182307	54	342800	6283900	Soil	38195	54	338900	6284000	Soil
182308	54	342700	6283900	Soil	38196	54	338800	6284000	Soil
182309	54	342600	6283900	Soil	38197	54	338700	6284000	Soil
182310	54	342500	6283900	Soil	38198	54	338600	6284000	Soil
38200	54	338500	6283900	Soil	38199	54	338500	6284000	Soil
38201	54	338600	6283900	Soil	182332	54	344500	6284100	Soil
38202	54	338700	6283900	Soil	182333	54	344400	6284100	Soil
38203	54	338800	6283900	Soil	182334	54	344300	6284100	Soil
38204	54	338900	6283900	Soil	182335	54	344200	6284100	Soil
38205	54	339000	6283900	Soil	182336	54	344100	6284100	Soil
38206	54	339100	6283900	Soil	182337	54	344000	6284100	Soil
38209	54	339200	6283900	Soil	182338	54	343900	6284100	Soil
38210	54	339300	6283900	Soil	182339	54	343800	6284100	Soil

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
182340	54	343700	6284100	Soil	38138	54	339900	6284200	Soil
182341	54	343600	6284100	Soil	38139	54	339800	6284200	Soil
182342	54	343500	6284100	Soil	38140	54	339700	6284200	Soil
182343	54	343400	6284100	Soil	38141	54	339600	6284200	Soil
182344	54	343300	6284100	Soil	38142	54	339500	6284200	Soil
182345	54	343200	6284100	Soil	38143	54	339400	6284200	Soil
182346	54	343100	6284100	Soil	38144	54	339300	6284200	Soil
182347	54	343000	6284100	Soil	38145	54	339200	6284200	Soil
182348	54	342900	6284100	Soil	38146	54	339100	6284200	Soil
182349	54	342800	6284100	Soil	38147	54	339000	6284200	Soil
182350	54	342700	6284100	Soil	38148	54	338900	6284200	Soil
182351	54	342600	6284100	Soil	38149	54	338800	6284200	Soil
182352	54	342500	6284100	Soil	38150	54	338700	6284200	Soil
38157	54	338400	6284100	Soil	38151	54	338600	6284200	Soil
38158	54	338500	6284100	Soil	38152	54	338500	6284200	Soil
38159	54	338600	6284100	Soil	38153	54	338400	6284200	Soil
38160	54	338700	6284100	Soil	38154	54	338300	6284200	Soil
38161	54	338800	6284100	Soil	182374	54	344500	6284300	Soil
38162	54	338900	6284100	Soil	182375	54	344400	6284300	Soil
38163	54	339000	6284100	Soil	182376	54	344300	6284300	Soil
38164	54	339100	6284100	Soil	182377	54	344200	6284300	Soil
38165	54	339200	6284100	Soil	182378	54	344100	6284300	Soil
38166	54	339300	6284100	Soil	182379	54	344000	6284300	Soil
38167	54	339400	6284100	Soil	182380	54	343900	6284300	Soil
38168	54	339500	6284100	Soil	182381	54	343800	6284300	Soil
38169	54	339600	6284100	Soil	182382	54	343700	6284300	Soil
38170	54	339700	6284100	Soil	182383	54	343600	6284300	Soil
38171	54	339800	6284100	Soil	182384	54	343500	6284300	Soil
38172	54	339900	6284100	Soil	182385	54	343400	6284300	Soil
38173	54	340000	6284100	Soil	182386	54	343300	6284300	Soil
38174	54	340100	6284100	Soil	182387	54	343200	6284300	Soil
38175	54	340200	6284100	Soil	182388	54	343100	6284300	Soil
38176	54	340300	6284100	Soil	182389	54	343000	6284300	Soil
38177	54	340400	6284100	Soil	182390	54	342900	6284300	Soil
38178	54	340500	6284100	Soil	182391	54	342800	6284300	Soil
182353	54	342500	6284200	Soil	182392	54	342700	6284300	Soil
182354	54	342600	6284200	Soil	182393	54	342600	6284300	Soil
182355	54	342700	6284200	Soil	182394	54	342500	6284300	Soil
182356	54	342800	6284200	Soil	38108	54	338200	6284300	Soil
182357	54	342900	6284200	Soil	38109	54	338300	6284300	Soil
182358	54	343000	6284200	Soil	38110	54	338400	6284300	Soil
182359	54	343100	6284200	Soil	38111	54	338500	6284300	Soil
182360	54	343200	6284200	Soil	38112	54	338600	6284300	Soil
182361	54	343300	6284200	Soil	38113	54	338700	6284300	Soil
182362	54	343400	6284200	Soil	38114	54	338800	6284300	Soil
182363	54	343500	6284200	Soil	38115	54	338900	6284300	Soil
182364	54	343600	6284200	Soil	38116	54	339000	6284300	Soil
182365	54	343700	6284200	Soil	38117	54	339100	6284300	Soil
182366	54	343800	6284200	Soil	38118	54	339200	6284300	Soil
182367	54	343900	6284200	Soil	38119	54	339300	6284300	Soil
182368	54	344000	6284200	Soil	38120	54	339400	6284300	Soil
182369	54	344100	6284200	Soil	38121	54	339500	6284300	Soil
182370	54	344200	6284200	Soil	38122	54	339600	6284300	Soil
182371	54	344300	6284200	Soil	38123	54	339700	6284300	Soil
182372	54	344400	6284200	Soil	38124	54	339800	6284300	Soil
182373	54	344500	6284200	Soil	38125	54	339900	6284300	Soil
38132	54	340500	6284200	Soil	38126	54	340000	6284300	Soil
38133	54	340400	6284200	Soil	38127	54	340100	6284300	Soil
38134	54	340300	6284200	Soil	38128	54	340200	6284300	Soil
38135	54	340200	6284200	Soil	38129	54	340300	6284300	Soil
38136	54	340100	6284200	Soil	38130	54	340400	6284300	Soil
38137	54	340000	6284200	Soil	38131	54	340500	6284300	Soil

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
182395	54	342500	6284400	Soil	182432	54	342900	6284500	Soil
182396	54	342600	6284400	Soil	182433	54	342800	6284500	Soil
182397	54	342700	6284400	Soil	182434	54	342700	6284500	Soil
182398	54	342800	6284400	Soil	182435	54	342600	6284500	Soil
182399	54	342900	6284400	Soil	182436	54	342500	6284500	Soil
182400	54	343000	6284400	Soil	38055	54	338000	6284500	Soil
182401	54	343100	6284400	Soil	38056	54	338100	6284500	Soil
182402	54	343200	6284400	Soil	38057	54	338200	6284500	Soil
182403	54	343300	6284400	Soil	38058	54	338300	6284500	Soil
182404	54	343400	6284400	Soil	38059	54	338400	6284500	Soil
182405	54	343500	6284400	Soil	38060	54	338500	6284500	Soil
182406	54	343600	6284400	Soil	38061	54	338600	6284500	Soil
182407	54	343700	6284400	Soil	38062	54	338700	6284500	Soil
182408	54	343800	6284400	Soil	38063	54	338800	6284500	Soil
182409	54	343900	6284400	Soil	38064	54	338900	6284500	Soil
182410	54	344000	6284400	Soil	38065	54	339000	6284500	Soil
182411	54	344100	6284400	Soil	38066	54	339100	6284500	Soil
182412	54	344200	6284400	Soil	38067	54	339200	6284500	Soil
182413	54	344300	6284400	Soil	38068	54	339300	6284500	Soil
182414	54	344400	6284400	Soil	38069	54	339400	6284500	Soil
182415	54	344500	6284400	Soil	38070	54	339500	6284500	Soil
38081	54	340500	6284400	Soil	38071	54	339600	6284500	Soil
38082	54	340400	6284400	Soil	38072	54	339700	6284500	Soil
38083	54	340300	6284400	Soil	38073	54	339800	6284500	Soil
38084	54	340200	6284400	Soil	38074	54	339900	6284500	Soil
38085	54	340100	6284400	Soil	38075	54	340000	6284500	Soil
38086	54	340000	6284400	Soil	38076	54	340100	6284500	Soil
38087	54	339900	6284400	Soil	38077	54	340200	6284500	Soil
38088	54	339800	6284400	Soil	38078	54	340300	6284500	Soil
38089	54	339700	6284400	Soil	38079	54	340400	6284500	Soil
38090	54	339600	6284400	Soil	38080	54	340500	6284500	Soil
38091	54	339500	6284400	Soil	182437	54	342500	6284600	Soil
38092	54	339400	6284400	Soil	182438	54	342600	6284600	Soil
38093	54	339300	6284400	Soil	182439	54	342700	6284600	Soil
38094	54	339200	6284400	Soil	182440	54	342800	6284600	Soil
38095	54	339100	6284400	Soil	182441	54	342900	6284600	Soil
38096	54	339000	6284400	Soil	182442	54	343000	6284600	Soil
38097	54	338900	6284400	Soil	182443	54	343100	6284600	Soil
38098	54	338800	6284400	Soil	182444	54	343200	6284600	Soil
38099	54	338700	6284400	Soil	182445	54	343300	6284600	Soil
38100	54	338600	6284400	Soil	182446	54	343400	6284600	Soil
38101	54	338500	6284400	Soil	182447	54	343500	6284600	Soil
38104	54	338400	6284400	Soil	182448	54	343600	6284600	Soil
38105	54	338300	6284400	Soil	182449	54	343700	6284600	Soil
38106	54	338200	6284400	Soil	182450	54	343800	6284600	Soil
38107	54	338100	6284400	Soil	182451	54	343900	6284600	Soil
182416	54	344500	6284500	Soil	182452	54	344000	6284600	Soil
182417	54	344400	6284500	Soil	182453	54	344100	6284600	Soil
182418	54	344300	6284500	Soil	182454	54	344200	6284600	Soil
182419	54	344200	6284500	Soil	182455	54	344300	6284600	Soil
182420	54	344100	6284500	Soil	182456	54	344400	6284600	Soil
182421	54	344000	6284500	Soil	182457	54	344500	6284600	Soil
182422	54	343900	6284500	Soil	38027	54	340500	6284600	Soil
182423	54	343800	6284500	Soil	38028	54	340400	6284600	Soil
182424	54	343700	6284500	Soil	38029	54	340300	6284600	Soil
182425	54	343600	6284500	Soil	38030	54	340200	6284600	Soil
182426	54	343500	6284500	Soil	38031	54	340100	6284600	Soil
182427	54	343400	6284500	Soil	38032	54	340000	6284600	Soil
182428	54	343300	6284500	Soil	38033	54	339900	6284600	Soil
182429	54	343200	6284500	Soil	38034	54	339800	6284600	Soil
182430	54	343100	6284500	Soil	38035	54	339700	6284600	Soil
182431	54	343000	6284500	Soil	38036	54	339600	6284600	Soil

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
38037	54	339500	6284600	Soil	38026	54	340500	6284700	Soil
38038	54	339400	6284600	Soil	6361	54	343000	6278900	Soil
38039	54	339300	6284600	Soil	6360	54	342900	6278900	Soil
38040	54	339200	6284600	Soil	6359	54	342800	6278900	Soil
38041	54	339100	6284600	Soil	6358	54	342700	6278900	Soil
38042	54	339000	6284600	Soil	6357	54	342600	6278900	Soil
38043	54	338900	6284600	Soil	6356	54	342500	6278900	Soil
38044	54	338800	6284600	Soil	6355	54	342400	6278900	Soil
38045	54	338700	6284600	Soil	6353	54	342300	6278900	Soil
38046	54	338600	6284600	Soil	6352	54	342200	6278900	Soil
38047	54	338500	6284600	Soil	6351	54	342100	6278900	Soil
38048	54	338400	6284600	Soil	6350	54	342000	6278900	Soil
38049	54	338300	6284600	Soil	6349	54	341900	6278900	Soil
38050	54	338200	6284600	Soil	6348	54	341800	6278900	Soil
38053	54	338100	6284600	Soil	6347	54	341700	6278900	Soil
38054	54	338000	6284600	Soil	6346	54	341600	6278900	Soil
182458	54	344500	6284700	Soil	6345	54	341500	6278900	Soil
182459	54	344400	6284700	Soil	6344	54	341400	6278900	Soil
182460	54	344300	6284700	Soil	6343	54	341300	6278900	Soil
182461	54	344200	6284700	Soil	6342	54	341200	6278900	Soil
182462	54	344100	6284700	Soil	6341	54	341100	6278900	Soil
182463	54	344000	6284700	Soil	6340	54	341000	6278900	Soil
182464	54	343900	6284700	Soil	6339	54	341500	6279000	Soil
182465	54	343800	6284700	Soil	6338	54	341600	6279000	Soil
182466	54	343700	6284700	Soil	6337	54	341700	6279000	Soil
182467	54	343600	6284700	Soil	6336	54	341800	6279000	Soil
182468	54	343500	6284700	Soil	6335	54	341900	6279000	Soil
182469	54	343400	6284700	Soil	6334	54	342000	6279000	Soil
182470	54	343300	6284700	Soil	6333	54	342100	6279000	Soil
182471	54	343200	6284700	Soil	6332	54	342200	6279000	Soil
182472	54	343100	6284700	Soil	6331	54	342300	6279000	Soil
182473	54	343000	6284700	Soil	6330	54	342400	6279000	Soil
182474	54	342900	6284700	Soil	6329	54	342500	6279000	Soil
182475	54	342800	6284700	Soil	6328	54	342600	6279000	Soil
182476	54	342700	6284700	Soil	6327	54	342700	6279000	Soil
182477	54	342600	6284700	Soil	6326	54	342800	6279000	Soil
182478	54	342500	6284700	Soil	6325	54	342900	6279000	Soil
38001	54	338000	6284700	Soil	6324	54	343000	6279000	Soil
38002	54	338100	6284700	Soil	6323	54	343100	6279000	Soil
38003	54	338200	6284700	Soil	6322	54	343200	6279000	Soil
38004	54	338300	6284700	Soil	6321	54	343300	6279000	Soil
38005	54	338400	6284700	Soil	6320	54	343400	6279000	Soil
38006	54	338500	6284700	Soil	6319	54	343500	6279000	Soil
38007	54	338600	6284700	Soil	6318	54	343500	6279100	Soil
38008	54	338700	6284700	Soil	6317	54	343400	6279100	Soil
38009	54	338800	6284700	Soil	6316	54	343300	6279100	Soil
38010	54	338900	6284700	Soil	6315	54	343200	6279100	Soil
38011	54	339000	6284700	Soil	6314	54	343100	6279100	Soil
38012	54	339100	6284700	Soil	6313	54	343000	6279100	Soil
38013	54	339200	6284700	Soil	6312	54	342900	6279100	Soil
38014	54	339300	6284700	Soil	6311	54	342800	6279100	Soil
38015	54	339400	6284700	Soil	6310	54	342700	6279100	Soil
38016	54	339500	6284700	Soil	6309	54	342600	6279100	Soil
38017	54	339600	6284700	Soil	6308	54	342500	6279100	Soil
38018	54	339700	6284700	Soil	6307	54	342400	6279100	Soil
38019	54	339800	6284700	Soil	6306	54	342300	6279100	Soil
38020	54	339900	6284700	Soil	6305	54	342200	6279100	Soil
38021	54	340000	6284700	Soil	6304	54	342100	6279100	Soil
38022	54	340100	6284700	Soil	6303	54	342000	6279100	Soil
38023	54	340200	6284700	Soil	6302	54	341900	6279100	Soil
38024	54	340300	6284700	Soil	6301	54	341800	6279100	Soil
38025	54	340400	6284700	Soil	6275	54	339000	6275800	Soil

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
6274	54	339100	6275800	Soil	6211	54	338900	6276200	Soil
6273	54	339200	6275800	Soil	6210	54	339000	6276200	Soil
6272	54	339300	6275800	Soil	6209	54	339100	6276200	Soil
6271	54	339400	6275800	Soil	6208	54	339200	6276200	Soil
6270	54	339500	6275800	Soil	6207	54	339300	6276200	Soil
6269	54	339600	6275800	Soil	6206	54	339400	6276200	Soil
6268	54	339700	6275800	Soil	6205	54	339500	6276200	Soil
6267	54	339800	6275800	Soil	6204	54	339600	6276200	Soil
6266	54	339900	6275800	Soil	6203	54	339700	6276200	Soil
6265	54	340000	6275800	Soil	6202	54	339800	6276200	Soil
6264	54	340000	6275900	Soil	6201	54	339900	6276200	Soil
6263	54	339900	6275900	Soil	6200	54	340000	6276200	Soil
6262	54	339800	6275900	Soil	6199	54	340000	6276300	Soil
6261	54	339700	6275900	Soil	6198	54	339900	6276300	Soil
6260	54	339600	6275900	Soil	6197	54	339800	6276300	Soil
6259	54	339500	6275900	Soil	6196	54	339700	6276300	Soil
6258	54	339400	6275900	Soil	6195	54	339600	6276300	Soil
6257	54	339300	6275900	Soil	6194	54	339500	6276300	Soil
6256	54	339200	6275900	Soil	6193	54	339400	6276300	Soil
6255	54	339100	6275900	Soil	6191	54	339300	6276300	Soil
6254	54	339000	6275900	Soil	6190	54	339200	6276300	Soil
6252	54	338900	6275900	Soil	6189	54	339100	6276300	Soil
6251	54	338800	6275900	Soil	6188	54	339000	6276300	Soil
6250	54	338700	6275900	Soil	6187	54	338900	6276300	Soil
6249	54	338600	6275900	Soil	6186	54	338800	6276300	Soil
6248	54	338500	6275900	Soil	6185	54	338700	6276300	Soil
6247	54	338500	6276000	Soil	6184	54	338600	6276300	Soil
6246	54	338600	6276000	Soil	6183	54	338500	6276300	Soil
6245	54	338700	6276000	Soil	6182	54	338500	6276400	Soil
6244	54	338800	6276000	Soil	6181	54	338600	6276400	Soil
6243	54	338900	6276000	Soil	6180	54	338700	6276400	Soil
6242	54	339000	6276000	Soil	6179	54	338800	6276400	Soil
6241	54	339100	6276000	Soil	6178	54	338900	6276400	Soil
6240	54	339200	6276000	Soil	6177	54	339000	6276400	Soil
6239	54	339300	6276000	Soil	6176	54	339100	6276400	Soil
6238	54	339400	6276000	Soil	6175	54	339200	6276400	Soil
6237	54	339500	6276000	Soil	6174	54	339300	6276400	Soil
6236	54	339600	6276000	Soil	6173	54	339400	6276400	Soil
6235	54	339700	6276000	Soil	6172	54	339500	6276400	Soil
6234	54	339800	6276000	Soil	6171	54	339600	6276400	Soil
6233	54	339900	6276000	Soil	6170	54	339700	6276400	Soil
6232	54	340000	6276000	Soil	6169	54	339800	6276400	Soil
6231	54	340000	6276100	Soil	6168	54	339900	6276400	Soil
6230	54	339900	6276100	Soil	6167	54	340000	6276400	Soil
6229	54	339800	6276100	Soil	6166	54	340000	6276500	Soil
6228	54	339700	6276100	Soil	6165	54	339900	6276500	Soil
6227	54	339600	6276100	Soil	6164	54	339800	6276500	Soil
6226	54	339500	6276100	Soil	6163	54	339700	6276500	Soil
6225	54	339400	6276100	Soil	6162	54	339600	6276500	Soil
6224	54	339300	6276100	Soil	6161	54	339500	6276500	Soil
6223	54	339200	6276100	Soil	6160	54	339400	6276500	Soil
6222	54	339100	6276100	Soil	6159	54	339300	6276500	Soil
6221	54	339000	6276100	Soil	6158	54	339200	6276500	Soil
6220	54	338900	6276100	Soil	6157	54	339100	6276500	Soil
6219	54	338800	6276100	Soil	6156	54	339000	6276500	Soil
6218	54	338700	6276100	Soil	6155	54	338900	6276500	Soil
6217	54	338600	6276100	Soil	6154	54	338800	6276500	Soil
6216	54	338500	6276100	Soil	6153	54	338700	6276500	Soil
6215	54	338500	6276200	Soil	6152	54	338600	6276500	Soil
6214	54	338600	6276200	Soil	6151	54	338500	6276500	Soil
6213	54	338700	6276200	Soil	6150	54	338500	6276600	Soil
6212	54	338800	6276200	Soil	6149	54	338600	6276600	Soil

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
6148	54	338700	6276600	Soil	6085	54	339400	6276900	Soil
6147	54	338800	6276600	Soil	6084	54	339300	6276900	Soil
6146	54	338900	6276600	Soil	6083	54	339200	6276900	Soil
6145	54	339000	6276600	Soil	6082	54	339100	6276900	Soil
6144	54	339100	6276600	Soil	6081	54	339000	6276900	Soil
6143	54	339200	6276600	Soil	6080	54	339000	6277000	Soil
6142	54	339300	6276600	Soil	6079	54	339100	6277000	Soil
6141	54	339400	6276600	Soil	6078	54	339200	6277000	Soil
6140	54	339500	6276600	Soil	6077	54	339300	6277000	Soil
6139	54	339600	6276600	Soil	6076	54	339400	6277000	Soil
6138	54	339700	6276600	Soil	6075	54	339500	6277000	Soil
6137	54	339800	6276600	Soil	6074	54	339600	6277000	Soil
6136	54	339900	6276600	Soil	6073	54	339700	6277000	Soil
6135	54	340000	6276600	Soil	6072	54	339800	6277000	Soil
6134	54	340000	6276700	Soil	6071	54	339900	6277000	Soil
6133	54	339900	6276700	Soil	6069	54	340000	6277000	Soil
6132	54	339800	6276700	Soil	6068	54	340100	6277000	Soil
6130	54	339700	6276700	Soil	6067	54	340200	6277000	Soil
6129	54	339600	6276700	Soil	6066	54	340300	6277000	Soil
6128	54	339500	6276700	Soil	6065	54	340400	6277000	Soil
6127	54	339400	6276700	Soil	6064	54	340500	6277000	Soil
6126	54	339300	6276700	Soil	6063	54	340500	6277100	Soil
6125	54	339200	6276700	Soil	6062	54	340400	6277100	Soil
6124	54	339100	6276700	Soil	6061	54	340300	6277100	Soil
6123	54	339000	6276700	Soil	6060	54	340200	6277100	Soil
6122	54	338900	6276700	Soil	6059	54	340100	6277100	Soil
6121	54	338800	6276700	Soil	6058	54	340000	6277100	Soil
6120	54	338700	6276700	Soil	6057	54	339900	6277100	Soil
6119	54	338600	6276700	Soil	6056	54	339800	6277100	Soil
6118	54	338500	6276700	Soil	6055	54	339700	6277100	Soil
6117	54	338500	6276800	Soil	6054	54	339600	6277100	Soil
6116	54	338600	6276800	Soil	6053	54	339500	6277100	Soil
6115	54	338700	6276800	Soil	6052	54	339500	6277200	Soil
6114	54	338800	6276800	Soil	6051	54	339600	6277200	Soil
6113	54	338900	6276800	Soil	6050	54	339700	6277200	Soil
6112	54	339000	6276800	Soil	6049	54	339800	6277200	Soil
6111	54	339100	6276800	Soil	6048	54	339900	6277200	Soil
6110	54	339200	6276800	Soil	6047	54	340000	6277200	Soil
6109	54	339300	6276800	Soil	6046	54	340100	6277200	Soil
6108	54	339400	6276800	Soil	6045	54	340200	6277200	Soil
6107	54	339500	6276800	Soil	6044	54	340300	6277200	Soil
6106	54	339600	6276800	Soil	6043	54	340400	6277200	Soil
6105	54	339700	6276800	Soil	6042	54	340500	6277200	Soil
6104	54	339800	6276800	Soil	6041	54	340500	6277300	Soil
6103	54	339900	6276800	Soil	6040	54	340400	6277300	Soil
6102	54	340000	6276800	Soil	6039	54	340300	6277300	Soil
6101	54	340100	6276800	Soil	6038	54	340200	6277300	Soil
6100	54	340200	6276800	Soil	6037	54	340100	6277300	Soil
6099	54	340300	6276800	Soil	6036	54	340000	6277300	Soil
6098	54	340400	6276800	Soil	6035	54	339900	6277300	Soil
6097	54	340500	6276800	Soil	6034	54	339800	6277300	Soil
6096	54	340500	6276900	Soil	6033	54	339700	6277300	Soil
6095	54	340400	6276900	Soil	6032	54	339600	6277300	Soil
6094	54	340300	6276900	Soil	6031	54	339500	6277300	Soil
6093	54	340200	6276900	Soil	6030	54	339500	6277400	Soil
6092	54	340100	6276900	Soil	6029	54	339600	6277400	Soil
6091	54	340000	6276900	Soil	6028	54	339700	6277400	Soil
6090	54	339900	6276900	Soil	6027	54	339800	6277400	Soil
6089	54	339800	6276900	Soil	6026	54	339900	6277400	Soil
6088	54	339700	6276900	Soil	6025	54	340000	6277400	Soil
6087	54	339600	6276900	Soil	6024	54	340100	6277400	Soil
6086	54	339500	6276900	Soil	6023	54	340200	6277400	Soil

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
6022	54	340300	6277400	Soil	5959	54	340000	6277800	Soil
6021	54	340400	6277400	Soil	5958	54	340100	6277800	Soil
6020	54	340500	6277400	Soil	5957	54	340200	6277800	Soil
6019	54	340500	6277500	Soil	5956	54	340300	6277800	Soil
6018	54	340400	6277500	Soil	5955	54	340400	6277800	Soil
6017	54	340300	6277500	Soil	5954	54	340500	6277800	Soil
6016	54	340200	6277500	Soil	5953	54	340600	6277800	Soil
6015	54	340100	6277500	Soil	5952	54	340700	6277800	Soil
6014	54	340000	6277500	Soil	5951	54	340800	6277800	Soil
6013	54	339900	6277500	Soil	5950	54	340900	6277800	Soil
6012	54	339800	6277500	Soil	5949	54	341000	6277800	Soil
6011	54	339700	6277500	Soil	5947	54	341100	6277800	Soil
6010	54	339600	6277500	Soil	5946	54	341200	6277800	Soil
6008	54	339500	6277500	Soil	5945	54	341300	6277800	Soil
6007	54	339500	6277600	Soil	5944	54	341400	6277800	Soil
6006	54	339600	6277600	Soil	5943	54	341500	6277800	Soil
6005	54	339700	6277600	Soil	5942	54	341500	6277900	Soil
6004	54	339800	6277600	Soil	5941	54	341400	6277900	Soil
6003	54	339900	6277600	Soil	5940	54	341300	6277900	Soil
6002	54	340000	6277600	Soil	5939	54	341200	6277900	Soil
6001	54	340100	6277600	Soil	5938	54	341100	6277900	Soil
6000	54	340200	6277600	Soil	5937	54	341000	6277900	Soil
5999	54	340300	6277600	Soil	5936	54	340900	6277900	Soil
5998	54	340400	6277600	Soil	5935	54	340800	6277900	Soil
5997	54	340500	6277600	Soil	5934	54	340800	6277900	Soil
5996	54	340600	6277600	Soil	5933	54	340700	6277900	Soil
5995	54	340700	6277600	Soil	5932	54	340600	6277900	Soil
5994	54	340800	6277600	Soil	5931	54	340500	6277900	Soil
5993	54	340900	6277600	Soil	5930	54	340400	6277900	Soil
5992	54	341000	6277600	Soil	5929	54	340300	6277900	Soil
5991	54	341100	6277600	Soil	5928	54	340200	6277900	Soil
5990	54	341200	6277600	Soil	5927	54	340100	6277900	Soil
5989	54	341300	6277600	Soil	5926	54	340000	6277900	Soil
5988	54	341400	6277600	Soil	5925	54	339900	6277900	Soil
5987	54	341500	6277600	Soil	5924	54	339800	6277900	Soil
5986	54	341500	6277700	Soil	5923	54	339700	6277900	Soil
5985	54	341400	6277700	Soil	5922	54	339600	6277900	Soil
5984	54	341300	6277700	Soil	5921	54	339500	6277900	Soil
5983	54	341200	6277700	Soil	5920	54	340500	6278000	Soil
5982	54	341100	6277700	Soil	5919	54	340600	6278000	Soil
5981	54	341000	6277700	Soil	5918	54	340700	6278000	Soil
5980	54	340900	6277700	Soil	5917	54	340800	6278000	Soil
5979	54	340800	6277700	Soil	5916	54	340900	6278000	Soil
5978	54	340800	6277700	Soil	5915	54	341000	6278000	Soil
5977	54	340700	6277700	Soil	5914	54	341100	6278000	Soil
5976	54	340600	6277700	Soil	5913	54	341200	6278000	Soil
5975	54	340500	6277700	Soil	5912	54	341300	6278000	Soil
5974	54	340400	6277700	Soil	5911	54	341400	6278000	Soil
5973	54	340300	6277700	Soil	5910	54	341500	6278000	Soil
5972	54	340200	6277700	Soil	5909	54	341600	6278000	Soil
5971	54	340100	6277700	Soil	5908	54	341700	6278000	Soil
5970	54	340000	6277700	Soil	5907	54	341800	6278000	Soil
5969	54	339900	6277700	Soil	5906	54	341900	6278000	Soil
5968	54	339800	6277700	Soil	5905	54	342000	6278000	Soil
5967	54	339700	6277700	Soil	5904	54	342100	6278000	Soil
5966	54	339600	6277700	Soil	5903	54	342200	6278000	Soil
5965	54	339500	6277700	Soil	5902	54	342300	6278000	Soil
5964	54	339500	6277800	Soil	5901	54	342400	6278000	Soil
5963	54	339600	6277800	Soil	5900	54	342500	6278000	Soil
5962	54	339700	6277800	Soil	5899	54	342600	6278000	Soil
5961	54	339800	6277800	Soil	5898	54	342700	6278000	Soil
5960	54	339900	6277800	Soil	5897	54	342800	6278000	Soil

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
5896	54	342900	6278000	Soil	5833	54	342800	6278200	Soil
5895	54	343000	6278000	Soil	5832	54	342900	6278200	Soil
5894	54	343100	6278000	Soil	5831	54	343000	6278200	Soil
5893	54	343200	6278000	Soil	5830	54	343100	6278200	Soil
5892	54	343300	6278000	Soil	5829	54	343200	6278200	Soil
5891	54	343400	6278000	Soil	5828	54	343300	6278200	Soil
5890	54	343500	6278000	Soil	5827	54	343400	6278200	Soil
5889	54	343500	6278100	Soil	5825	54	343500	6278200	Soil
5888	54	343400	6278100	Soil	5824	54	343500	6278300	Soil
5886	54	343300	6278100	Soil	5823	54	343400	6278300	Soil
5885	54	343200	6278100	Soil	5822	54	343300	6278300	Soil
5884	54	343100	6278100	Soil	5821	54	343200	6278300	Soil
5883	54	343000	6278100	Soil	5820	54	343100	6278300	Soil
5882	54	342900	6278100	Soil	5819	54	343000	6278300	Soil
5881	54	342800	6278100	Soil	5818	54	342900	6278300	Soil
5880	54	342700	6278100	Soil	5817	54	342800	6278300	Soil
5879	54	342600	6278100	Soil	5816	54	342700	6278300	Soil
5878	54	342500	6278100	Soil	5815	54	342600	6278300	Soil
5877	54	342400	6278100	Soil	5814	54	342500	6278300	Soil
5876	54	342300	6278100	Soil	5813	54	342400	6278300	Soil
5875	54	342200	6278100	Soil	5812	54	342300	6278300	Soil
5874	54	342100	6278100	Soil	5811	54	342200	6278300	Soil
5873	54	342000	6278100	Soil	5810	54	342100	6278300	Soil
5872	54	341900	6278100	Soil	5809	54	342000	6278300	Soil
5871	54	341800	6278100	Soil	5808	54	341900	6278300	Soil
5870	54	341700	6278100	Soil	5807	54	341800	6278300	Soil
5869	54	341600	6278100	Soil	5806	54	341700	6278300	Soil
5868	54	341500	6278100	Soil	5805	54	341600	6278300	Soil
5867	54	341400	6278100	Soil	5804	54	341500	6278300	Soil
5866	54	341300	6278100	Soil	5803	54	341400	6278300	Soil
5865	54	341200	6278100	Soil	5802	54	341300	6278300	Soil
5864	54	341100	6278100	Soil	5801	54	341200	6278300	Soil
5863	54	341000	6278100	Soil	5800	54	341100	6278300	Soil
5862	54	340900	6278100	Soil	5799	54	341000	6278300	Soil
5861	54	340800	6278100	Soil	5798	54	340900	6278300	Soil
5860	54	340800	6278100	Soil	5796	54	340800	6278300	Soil
5859	54	340700	6278100	Soil	5795	54	340700	6278300	Soil
5858	54	340600	6278100	Soil	5794	54	340600	6278300	Soil
5857	54	340500	6278100	Soil	5793	54	340500	6278300	Soil
5856	54	340500	6278200	Soil	5792	54	340500	6278400	Soil
5855	54	340600	6278200	Soil	5791	54	340600	6278400	Soil
5854	54	340700	6278200	Soil	5790	54	340700	6278400	Soil
5853	54	340800	6278200	Soil	5789	54	340800	6278400	Soil
5852	54	340900	6278200	Soil	5788	54	340900	6278400	Soil
5851	54	341000	6278200	Soil	5787	54	341000	6278400	Soil
5850	54	341100	6278200	Soil	5786	54	341100	6278400	Soil
5849	54	341200	6278200	Soil	5785	54	341200	6278400	Soil
5848	54	341300	6278200	Soil	5784	54	341300	6278400	Soil
5847	54	341400	6278200	Soil	5783	54	341400	6278400	Soil
5846	54	341500	6278200	Soil	5782	54	341500	6278400	Soil
5845	54	341600	6278200	Soil	5781	54	341600	6278400	Soil
5844	54	341700	6278200	Soil	5780	54	341700	6278400	Soil
5843	54	341800	6278200	Soil	5779	54	341800	6278400	Soil
5842	54	341900	6278200	Soil	5778	54	341900	6278400	Soil
5841	54	342000	6278200	Soil	5777	54	342000	6278400	Soil
5840	54	342100	6278200	Soil	5776	54	342100	6278400	Soil
5839	54	342200	6278200	Soil	5775	54	342200	6278400	Soil
5838	54	342300	6278200	Soil	5774	54	342300	6278400	Soil
5837	54	342400	6278200	Soil	5773	54	342400	6278400	Soil
5836	54	342500	6278200	Soil	5772	54	342500	6278400	Soil
5835	54	342600	6278200	Soil	5771	54	342600	6278400	Soil
5834	54	342700	6278200	Soil	5770	54	342700	6278400	Soil

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
5769	54	342800	6278400	Soil	5706	54	343300	6278700	Soil
5768	54	342900	6278400	Soil	5705	54	343200	6278700	Soil
5767	54	343000	6278400	Soil	5703	54	343100	6278700	Soil
5766	54	343100	6278400	Soil	5702	54	343000	6278700	Soil
5764	54	343200	6278400	Soil	5701	54	342900	6278700	Soil
5763	54	343300	6278400	Soil	5700	54	342800	6278700	Soil
5762	54	343400	6278400	Soil	5699	54	342700	6278700	Soil
5761	54	343500	6278400	Soil	5698	54	342600	6278700	Soil
5760	54	343500	6278500	Soil	5697	54	342500	6278700	Soil
5759	54	343400	6278500	Soil	5696	54	342400	6278700	Soil
5758	54	343300	6278500	Soil	5695	54	342300	6278700	Soil
5757	54	343200	6278500	Soil	5694	54	342200	6278700	Soil
5756	54	343100	6278500	Soil	5693	54	342100	6278700	Soil
5755	54	343000	6278500	Soil	5692	54	342000	6278700	Soil
5754	54	342900	6278500	Soil	5691	54	341900	6278700	Soil
5753	54	342800	6278500	Soil	5690	54	341800	6278700	Soil
5752	54	342700	6278500	Soil	5689	54	341700	6278700	Soil
5751	54	342600	6278500	Soil	5688	54	341600	6278700	Soil
5750	54	342500	6278500	Soil	5687	54	341500	6278700	Soil
5749	54	342400	6278500	Soil	5686	54	341400	6278700	Soil
5748	54	342300	6278500	Soil	5685	54	341300	6278700	Soil
5747	54	342200	6278500	Soil	5684	54	341200	6278700	Soil
5746	54	342100	6278500	Soil	5683	54	341100	6278700	Soil
5745	54	342000	6278500	Soil	5682	54	341000	6278700	Soil
5744	54	341900	6278500	Soil	5681	54	341000	6278800	Soil
5743	54	341800	6278500	Soil	5680	54	341100	6278800	Soil
5742	54	341700	6278500	Soil	5679	54	341200	6278800	Soil
5741	54	341600	6278500	Soil	5678	54	341300	6278800	Soil
5740	54	341500	6278500	Soil	5677	54	341400	6278800	Soil
5739	54	341400	6278500	Soil	5676	54	341500	6278800	Soil
5738	54	341300	6278500	Soil	5675	54	341600	6278800	Soil
5737	54	341200	6278500	Soil	5674	54	341700	6278800	Soil
5736	54	341100	6278500	Soil	5673	54	341800	6278800	Soil
5735	54	341000	6278500	Soil	5672	54	341900	6278800	Soil
5734	54	341000	6278600	Soil	5671	54	342000	6278800	Soil
5733	54	341100	6278600	Soil	5670	54	342100	6278800	Soil
5732	54	341200	6278600	Soil	5669	54	342200	6278800	Soil
5731	54	341300	6278600	Soil	5668	54	342300	6278800	Soil
5730	54	341400	6278600	Soil	5667	54	342400	6278800	Soil
5729	54	341500	6278600	Soil	5666	54	342500	6278800	Soil
5728	54	341600	6278600	Soil	5665	54	342600	6278800	Soil
5727	54	341700	6278600	Soil	5664	54	342700	6278800	Soil
5726	54	341800	6278600	Soil	5663	54	342800	6278800	Soil
5725	54	341900	6278600	Soil	5662	54	342900	6278800	Soil
5724	54	342000	6278600	Soil	5661	54	343000	6278800	Soil
5723	54	342100	6278600	Soil	5660	54	343100	6278800	Soil
5722	54	342200	6278600	Soil	5659	54	343200	6278800	Soil
5721	54	342300	6278600	Soil	5658	54	343300	6278800	Soil
5720	54	342400	6278600	Soil	5657	54	343400	6278800	Soil
5719	54	342500	6278600	Soil	5656	54	343500	6278800	Soil
5718	54	342600	6278600	Soil	5655	54	343500	6278900	Soil
5717	54	342700	6278600	Soil	5654	54	343400	6278900	Soil
5716	54	342800	6278600	Soil	5653	54	343300	6278900	Soil
5715	54	342900	6278600	Soil	5652	54	343200	6278900	Soil
5714	54	343000	6278600	Soil	5651	54	343100	6278900	Soil
5713	54	343100	6278600	Soil	5589	54	341700	6279100	Soil
5712	54	343200	6278600	Soil	5588	54	341600	6279100	Soil
5711	54	343300	6278600	Soil	5587	54	341500	6279100	Soil
5710	54	343400	6278600	Soil	5586	54	341500	6279200	Soil
5709	54	343500	6278600	Soil	5585	54	341600	6279200	Soil
5708	54	343500	6278700	Soil	5584	54	341700	6279200	Soil
5707	54	343400	6278700	Soil	5583	54	341800	6279200	Soil

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
5581	54	341900	6279200	Soil	5518	54	343200	6279500	Soil
5580	54	342000	6279200	Soil	5517	54	343100	6279500	Soil
5579	54	342100	6279200	Soil	5516	54	343000	6279500	Soil
5578	54	342200	6279200	Soil	5515	54	342900	6279500	Soil
5577	54	342300	6279200	Soil	5514	54	342800	6279500	Soil
5576	54	342400	6279200	Soil	5513	54	342700	6279500	Soil
5575	54	342500	6279200	Soil	5512	54	342600	6279500	Soil
5574	54	342600	6279200	Soil	5511	54	342500	6279500	Soil
5573	54	342700	6279200	Soil	5510	54	342400	6279500	Soil
5572	54	342800	6279200	Soil	5509	54	342300	6279500	Soil
5571	54	342900	6279200	Soil	5508	54	342200	6279500	Soil
5570	54	343000	6279200	Soil	5507	54	342100	6279500	Soil
5569	54	343100	6279200	Soil	5506	54	342000	6279500	Soil
5568	54	343200	6279200	Soil	5505	54	341900	6279500	Soil
5567	54	343300	6279200	Soil	5504	54	341800	6279500	Soil
5566	54	343400	6279200	Soil	5503	54	341700	6279500	Soil
5565	54	343500	6279200	Soil	5502	54	341600	6279500	Soil
5564	54	343500	6279300	Soil	5501	54	341500	6279500	Soil
5563	54	343400	6279300	Soil					
5562	54	343300	6279300	Soil					
5561	54	343200	6279300	Soil					
5560	54	343100	6279300	Soil					
5559	54	343000	6279300	Soil					
5558	54	342900	6279300	Soil					
5557	54	342800	6279300	Soil					
5556	54	342700	6279300	Soil					
5555	54	342600	6279300	Soil					
5554	54	342500	6279300	Soil					
5553	54	342400	6279300	Soil					
5552	54	342300	6279300	Soil					
5551	54	342200	6279300	Soil					
5550	54	342100	6279300	Soil					
5549	54	342000	6279300	Soil					
5548	54	341900	6279300	Soil					
5547	54	341800	6279300	Soil					
5546	54	341700	6279300	Soil					
5545	54	341600	6279300	Soil					
5544	54	341500	6279300	Soil					
5543	54	341500	6279400	Soil					
5542	54	341600	6279400	Soil					
5541	54	341700	6279400	Soil					
5540	54	341800	6279400	Soil					
5539	54	341900	6279400	Soil					
5538	54	342000	6279400	Soil					
5537	54	342100	6279400	Soil					
5536	54	342200	6279400	Soil					
5535	54	342300	6279400	Soil					
5534	54	342400	6279400	Soil					
5533	54	342500	6279400	Soil					
5532	54	342600	6279400	Soil					
5531	54	342700	6279400	Soil					
5530	54	342800	6279400	Soil					
5529	54	342900	6279400	Soil					
5528	54	343000	6279400	Soil					
5527	54	343100	6279400	Soil					
5526	54	343200	6279400	Soil					
5525	54	343300	6279400	Soil					
5524	54	343400	6279400	Soil					
5523	54	343500	6279400	Soil					
5522	54	343500	6279500	Soil					
5520	54	343400	6279500	Soil					
5519	54	343300	6279500	Soil					

APPENDIX 4

Follow-up Areas Calcrete Sample Locations

Mongolata

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
182037	54	344500	6283500	calcrete	182141	54	344400	6283100	calcrete
182038	54	344000	6283500	calcrete	182142	54	344500	6283100	calcrete
182039	54	343500	6283500	calcrete	182143	54	344500	6283200	calcrete
182040	54	343000	6283500	calcrete	182144	54	344400	6283200	calcrete
182041	54	342500	6283500	calcrete	182145	54	344300	6283200	calcrete
182057	54	342750	6284000	calcrete	182146	54	344200	6283200	calcrete
182060	54	344250	6284000	calcrete	182147	54	344100	6283200	calcrete
182070	54	344500	6284500	calcrete	182148	54	344000	6283200	calcrete
182071	54	344000	6284500	calcrete	182149	54	343900	6283200	calcrete
182072	54	343500	6284500	calcrete	182150	54	343800	6283200	calcrete
182073	54	343000	6284500	calcrete	182151	54	343700	6283200	calcrete
182074	54	342500	6284500	calcrete	182152	54	343600	6283200	calcrete
182101	54	344500	6283000	calcrete	182153	54	343500	6283200	calcrete
182102	54	344400	6283000	calcrete	182154	54	343400	6283200	calcrete
182103	54	344300	6283000	calcrete	182155	54	343300	6283200	calcrete
182104	54	344200	6283000	calcrete	182156	54	343200	6283200	calcrete
182105	54	344100	6283000	calcrete	182157	54	343100	6283200	calcrete
182106	54	344000	6283000	calcrete	182158	54	343000	6283200	calcrete
182107	54	343900	6283000	calcrete	182159	54	342900	6283200	calcrete
182108	54	343800	6283000	calcrete	182160	54	342800	6283200	calcrete
182109	54	343700	6283000	calcrete	182161	54	342700	6283200	calcrete
182110	54	343600	6283000	calcrete	182162	54	342600	6283200	calcrete
182111	54	343500	6283000	calcrete	182163	54	342500	6283200	calcrete
182112	54	343400	6283000	calcrete	182164	54	342500	6283300	calcrete
182113	54	343300	6283000	calcrete	182165	54	342600	6283300	calcrete
182114	54	343200	6283000	calcrete	182166	54	342700	6283300	calcrete
182115	54	343100	6283000	calcrete	182167	54	342800	6283300	calcrete
182116	54	343000	6283000	calcrete	182168	54	342900	6283300	calcrete
182117	54	342900	6283000	calcrete	182169	54	343000	6283300	calcrete
182118	54	342800	6283000	calcrete	182170	54	343100	6283300	calcrete
182119	54	342700	6283000	calcrete	182171	54	343200	6283300	calcrete
182120	54	342600	6283000	calcrete	182172	54	343300	6283300	calcrete
182121	54	342500	6283000	calcrete	182173	54	343400	6283300	calcrete
182122	54	342500	6283100	calcrete	182174	54	343500	6283300	calcrete
182123	54	342600	6283100	calcrete	182175	54	343600	6283300	calcrete
182124	54	342700	6283100	calcrete	182176	54	343700	6283300	calcrete
182125	54	342800	6283100	calcrete	182177	54	343800	6283300	calcrete
182126	54	342900	6283100	calcrete	182178	54	343900	6283300	calcrete
182127	54	343000	6283100	calcrete	182179	54	344000	6283300	calcrete
182128	54	343100	6283100	calcrete	182180	54	344100	6283300	calcrete
182129	54	343200	6283100	calcrete	182181	54	344200	6283300	calcrete
182130	54	343300	6283100	calcrete	182182	54	344300	6283300	calcrete
182131	54	343400	6283100	calcrete	182183	54	344400	6283300	calcrete
182132	54	343500	6283100	calcrete	182184	54	344500	6283300	calcrete
182133	54	343600	6283100	calcrete	182185	54	344500	6283400	calcrete
182134	54	343700	6283100	calcrete	182186	54	344400	6283400	calcrete
182135	54	343800	6283100	calcrete	182187	54	344300	6283400	calcrete
182136	54	343900	6283100	calcrete	182188	54	344200	6283400	calcrete
182137	54	344000	6283100	calcrete	182189	54	344100	6283400	calcrete
182138	54	344100	6283100	calcrete	182190	54	344000	6283400	calcrete
182139	54	344200	6283100	calcrete	182191	54	343900	6283400	calcrete
182140	54	344300	6283100	calcrete	182192	54	343800	6283400	calcrete

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
182193	54	343700	6283400	calcrete	182245	54	342700	6283600	calcrete
182194	54	343600	6283400	calcrete	182246	54	342600	6283600	calcrete
182195	54	343500	6283400	calcrete	182247	54	342500	6283600	calcrete
182196	54	343400	6283400	calcrete	182248	54	344500	6283700	calcrete
182197	54	343300	6283400	calcrete	182249	54	344400	6283700	calcrete
182198	54	343200	6283400	calcrete	182250	54	344300	6283700	calcrete
182199	54	343100	6283400	calcrete	182251	54	344200	6283700	calcrete
182200	54	343000	6283400	calcrete	182252	54	344100	6283700	calcrete
182201	54	342900	6283400	calcrete	182253	54	344000	6283700	calcrete
182202	54	342800	6283400	calcrete	182254	54	343900	6283700	calcrete
182203	54	342700	6283400	calcrete	182255	54	343800	6283700	calcrete
182204	54	342600	6283400	calcrete	182256	54	343700	6283700	calcrete
182205	54	342500	6283400	calcrete	182257	54	343600	6283700	calcrete
182206	54	342500	6283500	calcrete	182258	54	343500	6283700	calcrete
182207	54	342600	6283500	calcrete	182259	54	343400	6283700	calcrete
182208	54	342700	6283500	calcrete	182260	54	343300	6283700	calcrete
182209	54	342800	6283500	calcrete	182261	54	343200	6283700	calcrete
182210	54	342900	6283500	calcrete	182262	54	343100	6283700	calcrete
182211	54	343000	6283500	calcrete	182263	54	343000	6283700	calcrete
182212	54	343100	6283500	calcrete	182264	54	342900	6283700	calcrete
182213	54	343200	6283500	calcrete	182265	54	342800	6283700	calcrete
182214	54	343300	6283500	calcrete	182266	54	342700	6283700	calcrete
182215	54	343400	6283500	calcrete	182267	54	342600	6283700	calcrete
182216	54	343500	6283500	calcrete	182268	54	342500	6283700	calcrete
182217	54	343600	6283500	calcrete	182269	54	342500	6283800	calcrete
182218	54	343700	6283500	calcrete	182270	54	342600	6283800	calcrete
182219	54	343800	6283500	calcrete	182271	54	342700	6283800	calcrete
182220	54	343900	6283500	calcrete	182272	54	342800	6283800	calcrete
182221	54	344000	6283500	calcrete	182273	54	342900	6283800	calcrete
182222	54	344100	6283500	calcrete	182274	54	343000	6283800	calcrete
182223	54	344200	6283500	calcrete	182275	54	343100	6283800	calcrete
182224	54	344300	6283500	calcrete	182276	54	343200	6283800	calcrete
182225	54	344400	6283500	calcrete	182277	54	343300	6283800	calcrete
182226	54	344500	6283500	calcrete	182278	54	343400	6283800	calcrete
182227	54	344500	6283600	calcrete	182279	54	343500	6283800	calcrete
182228	54	344400	6283600	calcrete	182280	54	343600	6283800	calcrete
182229	54	344300	6283600	calcrete	182281	54	343700	6283800	calcrete
182230	54	344200	6283600	calcrete	182282	54	343800	6283800	calcrete
182231	54	344100	6283600	calcrete	182283	54	343900	6283800	calcrete
182232	54	344000	6283600	calcrete	182284	54	344000	6283800	calcrete
182233	54	343900	6283600	calcrete	182285	54	344100	6283800	calcrete
182234	54	343800	6283600	calcrete	182286	54	344200	6283800	calcrete
182235	54	343700	6283600	calcrete	182287	54	344300	6283800	calcrete
182236	54	343600	6283600	calcrete	182288	54	344400	6283800	calcrete
182237	54	343500	6283600	calcrete	182289	54	344500	6283800	calcrete
182238	54	343400	6283600	calcrete	182290	54	344500	6283900	calcrete
182239	54	343300	6283600	calcrete	182291	54	344400	6283900	calcrete
182240	54	343200	6283600	calcrete	182292	54	344300	6283900	calcrete
182241	54	343100	6283600	calcrete	182293	54	344200	6283900	calcrete
182242	54	343000	6283600	calcrete	182294	54	344100	6283900	calcrete
182243	54	342900	6283600	calcrete	182295	54	344000	6283900	calcrete
182244	54	342800	6283600	calcrete	182296	54	343900	6283900	calcrete

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
182297	54	343800	6283900	calcrete	182349	54	342800	6284100	calcrete
182298	54	343700	6283900	calcrete	182350	54	342700	6284100	calcrete
182299	54	343600	6283900	calcrete	182351	54	342600	6284100	calcrete
182300	54	343500	6283900	calcrete	182352	54	342500	6284100	calcrete
182301	54	343400	6283900	calcrete	182353	54	342500	6284200	calcrete
182302	54	343300	6283900	calcrete	182354	54	342600	6284200	calcrete
182303	54	343200	6283900	calcrete	182355	54	342700	6284200	calcrete
182304	54	343100	6283900	calcrete	182356	54	342800	6284200	calcrete
182305	54	343000	6283900	calcrete	182357	54	342900	6284200	calcrete
182306	54	342900	6283900	calcrete	182358	54	343000	6284200	calcrete
182307	54	342800	6283900	calcrete	182359	54	343100	6284200	calcrete
182308	54	342700	6283900	calcrete	182360	54	343200	6284200	calcrete
182309	54	342600	6283900	calcrete	182361	54	343300	6284200	calcrete
182310	54	342500	6283900	calcrete	182362	54	343400	6284200	calcrete
182311	54	342500	6284000	calcrete	182363	54	343500	6284200	calcrete
182312	54	342600	6284000	calcrete	182364	54	343600	6284200	calcrete
182313	54	342700	6284000	calcrete	182365	54	343700	6284200	calcrete
182314	54	342800	6284000	calcrete	182366	54	343800	6284200	calcrete
182315	54	342900	6284000	calcrete	182367	54	343900	6284200	calcrete
182316	54	343000	6284000	calcrete	182368	54	344000	6284200	calcrete
182317	54	343100	6284000	calcrete	182369	54	344100	6284200	calcrete
182318	54	343200	6284000	calcrete	182370	54	344200	6284200	calcrete
182319	54	343300	6284000	calcrete	182371	54	344300	6284200	calcrete
182320	54	343400	6284000	calcrete	182372	54	344400	6284200	calcrete
182321	54	343500	6284000	calcrete	182373	54	344500	6284200	calcrete
182322	54	343600	6284000	calcrete	182374	54	344500	6284300	calcrete
182323	54	343700	6284000	calcrete	182375	54	344400	6284300	calcrete
182324	54	343800	6284000	calcrete	182376	54	344300	6284300	calcrete
182325	54	343900	6284000	calcrete	182377	54	344200	6284300	calcrete
182326	54	344000	6284000	calcrete	182378	54	344100	6284300	calcrete
182327	54	344100	6284000	calcrete	182379	54	344000	6284300	calcrete
182328	54	344200	6284000	calcrete	182380	54	343900	6284300	calcrete
182329	54	344300	6284000	calcrete	182381	54	343800	6284300	calcrete
182330	54	344400	6284000	calcrete	182382	54	343700	6284300	calcrete
182331	54	344500	6284000	calcrete	182383	54	343600	6284300	calcrete
182332	54	344500	6284100	calcrete	182384	54	343500	6284300	calcrete
182333	54	344400	6284100	calcrete	182385	54	343400	6284300	calcrete
182334	54	344300	6284100	calcrete	182386	54	343300	6284300	calcrete
182335	54	344200	6284100	calcrete	182387	54	343200	6284300	calcrete
182336	54	344100	6284100	calcrete	182388	54	343100	6284300	calcrete
182337	54	344000	6284100	calcrete	182389	54	343000	6284300	calcrete
182338	54	343900	6284100	calcrete	182390	54	342900	6284300	calcrete
182339	54	343800	6284100	calcrete	182391	54	342800	6284300	calcrete
182340	54	343700	6284100	calcrete	182392	54	342700	6284300	calcrete
182341	54	343600	6284100	calcrete	182393	54	342600	6284300	calcrete
182342	54	343500	6284100	calcrete	182394	54	342500	6284300	calcrete
182343	54	343400	6284100	calcrete	182395	54	342500	6284400	calcrete
182344	54	343300	6284100	calcrete	182396	54	342600	6284400	calcrete
182345	54	343200	6284100	calcrete	182397	54	342700	6284400	calcrete
182346	54	343100	6284100	calcrete	182398	54	342800	6284400	calcrete
182347	54	343000	6284100	calcrete	182399	54	342900	6284400	calcrete
182348	54	342900	6284100	calcrete	182400	54	343000	6284400	calcrete

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
182401	54	343100	6284400	calcrete	182453	54	344100	6284600	calcrete
182402	54	343200	6284400	calcrete	182454	54	344200	6284600	calcrete
182403	54	343300	6284400	calcrete	182455	54	344300	6284600	calcrete
182404	54	343400	6284400	calcrete	182456	54	344400	6284600	calcrete
182405	54	343500	6284400	calcrete	182457	54	344500	6284600	calcrete
182406	54	343600	6284400	calcrete	182458	54	344500	6284700	calcrete
182407	54	343700	6284400	calcrete	182459	54	344400	6284700	calcrete
182408	54	343800	6284400	calcrete	182460	54	344300	6284700	calcrete
182409	54	343900	6284400	calcrete	182461	54	344200	6284700	calcrete
182410	54	344000	6284400	calcrete	182462	54	344100	6284700	calcrete
182411	54	344100	6284400	calcrete	182463	54	344000	6284700	calcrete
182412	54	344200	6284400	calcrete	182464	54	343900	6284700	calcrete
182413	54	344300	6284400	calcrete	182465	54	343800	6284700	calcrete
182414	54	344400	6284400	calcrete	182466	54	343700	6284700	calcrete
182415	54	344500	6284400	calcrete	182467	54	343600	6284700	calcrete
182416	54	344500	6284500	calcrete	182468	54	343500	6284700	calcrete
182417	54	344400	6284500	calcrete	182469	54	343400	6284700	calcrete
182418	54	344300	6284500	calcrete	182470	54	343300	6284700	calcrete
182419	54	344200	6284500	calcrete	182471	54	343200	6284700	calcrete
182420	54	344100	6284500	calcrete	182472	54	343100	6284700	calcrete
182421	54	344000	6284500	calcrete	182473	54	343000	6284700	calcrete
182422	54	343900	6284500	calcrete	182474	54	342900	6284700	calcrete
182423	54	343800	6284500	calcrete	182475	54	342800	6284700	calcrete
182424	54	343700	6284500	calcrete	182476	54	342700	6284700	calcrete
182425	54	343600	6284500	calcrete	182477	54	342600	6284700	calcrete
182426	54	343500	6284500	calcrete	182478	54	342500	6284700	calcrete
182427	54	343400	6284500	calcrete	06451A	54	343800	6284000	calcrete
182428	54	343300	6284500	calcrete	06452A	54	343750	6284000	calcrete
182429	54	343200	6284500	calcrete	06453A	54	343700	6284000	calcrete
182430	54	343100	6284500	calcrete	06454A	54	343300	6284000	calcrete
182431	54	343000	6284500	calcrete	06455A	54	343250	6284000	calcrete
182432	54	342900	6284500	calcrete	06456A	54	343200	6284000	calcrete
182433	54	342800	6284500	calcrete	38573	54	339800	6282000	Calcrete
182434	54	342700	6284500	calcrete	38572	54	339900	6282000	Calcrete
182435	54	342600	6284500	calcrete	38571	54	340000	6282000	Calcrete
182436	54	342500	6284500	calcrete	38570	54	340100	6282000	Calcrete
182437	54	342500	6284600	calcrete	38569	54	340200	6282000	Calcrete
182438	54	342600	6284600	calcrete	38568	54	340300	6282000	Calcrete
182439	54	342700	6284600	calcrete	38567	54	340400	6282000	Calcrete
182440	54	342800	6284600	calcrete	38566	54	340500	6282000	Calcrete
182441	54	342900	6284600	calcrete	38565	54	340600	6282000	Calcrete
182442	54	343000	6284600	calcrete	38564	54	340700	6282000	Calcrete
182443	54	343100	6284600	calcrete	38563	54	340800	6282000	Calcrete
182444	54	343200	6284600	calcrete	38562	54	340900	6282000	Calcrete
182445	54	343300	6284600	calcrete	38560	54	341100	6282000	Calcrete
182446	54	343400	6284600	calcrete	38558	54	341300	6282000	Calcrete
182447	54	343500	6284600	calcrete	38557	54	341200	6282100	Calcrete
182448	54	343600	6284600	calcrete	38556	54	341100	6282100	Calcrete
182449	54	343700	6284600	calcrete	38555	54	341000	6282100	Calcrete
182450	54	343800	6284600	calcrete	38554	54	340900	6282100	Calcrete
182451	54	343900	6284600	calcrete	38552	54	340700	6282100	Calcrete
182452	54	344000	6284600	calcrete	38551	54	340600	6282100	Calcrete

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
38550	54	340500	6282100	Calcrete	38494	54	340700	6282400	Calcrete
38549	54	340400	6282100	Calcrete	38493	54	340800	6282400	Calcrete
38548	54	340300	6282100	Calcrete	38492	54	340900	6282400	Calcrete
38547	54	340200	6282100	Calcrete	38491	54	340800	6282500	Calcrete
38546	54	340100	6282100	Calcrete	38490	54	340700	6282500	Calcrete
38545	54	340000	6282100	Calcrete	38489	54	340600	6282500	Calcrete
38544	54	339900	6282100	Calcrete	38488	54	340500	6282500	Calcrete
38543	54	339800	6282100	Calcrete	38487	54	340400	6282500	Calcrete
38542	54	339700	6282100	Calcrete	38485	54	340200	6282500	Calcrete
38541	54	339600	6282200	Calcrete	38484	54	340100	6282500	Calcrete
38540	54	339700	6282200	Calcrete	38483	54	340000	6282500	Calcrete
38539	54	339800	6282200	Calcrete	38482	54	339900	6282500	Calcrete
38538	54	339900	6282200	Calcrete	38481	54	339800	6282500	Calcrete
38537	54	340000	6282200	Calcrete	38480	54	339700	6282500	Calcrete
38536	54	340100	6282200	Calcrete	38479	54	339600	6282500	Calcrete
38535	54	340200	6282200	Calcrete	38477	54	339400	6282500	Calcrete
38534	54	340300	6282200	Calcrete	38476	54	339300	6282500	Calcrete
38533	54	340400	6282200	Calcrete	38475	54	339200	6282600	Calcrete
38532	54	340500	6282200	Calcrete	38474	54	339300	6282600	Calcrete
38531	54	340600	6282200	Calcrete	38473	54	339400	6282600	Calcrete
38529	54	340800	6282200	Calcrete	38472	54	339500	6282600	Calcrete
38528	54	340900	6282200	Calcrete	38471	54	339600	6282600	Calcrete
38527	54	341000	6282200	Calcrete	38470	54	339700	6282600	Calcrete
38526	54	341100	6282200	Calcrete	38469	54	339800	6282600	Calcrete
38525	54	341000	6282300	Calcrete	38466	54	339900	6282600	Calcrete
38524	54	340900	6282300	Calcrete	38465	54	340000	6282600	Calcrete
38523	54	340800	6282300	Calcrete	38464	54	340100	6282600	Calcrete
38522	54	340700	6282300	Calcrete	38463	54	340200	6282600	Calcrete
38521	54	340600	6282300	Calcrete	38461	54	340400	6282600	Calcrete
38518	54	340500	6282300	Calcrete	38460	54	340500	6282600	Calcrete
38517	54	340400	6282300	Calcrete	38459	54	340600	6282600	Calcrete
38516	54	340300	6282300	Calcrete	38458	54	340700	6282600	Calcrete
38515	54	340200	6282300	Calcrete	38457	54	340800	6282600	Calcrete
38514	54	340100	6282300	Calcrete	38456	54	340800	6282700	Calcrete
38513	54	340000	6282300	Calcrete	38455	54	340700	6282700	Calcrete
38512	54	339900	6282300	Calcrete	38454	54	340600	6282700	Calcrete
38511	54	339800	6282300	Calcrete	38453	54	340500	6282700	Calcrete
38510	54	339700	6282300	Calcrete	38452	54	340400	6282700	Calcrete
38509	54	339600	6282300	Calcrete	38451	54	340300	6282700	Calcrete
38508	54	339500	6282300	Calcrete	38449	54	340100	6282700	Calcrete
38507	54	339400	6282400	Calcrete	38448	54	340000	6282700	Calcrete
38506	54	339500	6282400	Calcrete	38447	54	339900	6282700	Calcrete
38505	54	339600	6282400	Calcrete	38446	54	339800	6282700	Calcrete
38504	54	339700	6282400	Calcrete	38445	54	339700	6282700	Calcrete
38503	54	339800	6282400	Calcrete	38444	54	339600	6282700	Calcrete
38502	54	339900	6282400	Calcrete	38443	54	339500	6282700	Calcrete
38501	54	340000	6282400	Calcrete	38442	54	339400	6282700	Calcrete
38500	54	340100	6282400	Calcrete	38441	54	339300	6282700	Calcrete
38499	54	340200	6282400	Calcrete	38440	54	339200	6282700	Calcrete
38497	54	340400	6282400	Calcrete	38439	54	339100	6282700	Calcrete
38496	54	340500	6282400	Calcrete	38437	54	339100	6282800	Calcrete
38495	54	340600	6282400	Calcrete	38436	54	339200	6282800	Calcrete

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
38435	54	339300	6282800	Calcrete	38376	54	339900	6283100	Calcrete
38434	54	339400	6282800	Calcrete	38375	54	339800	6283100	Calcrete
38433	54	339500	6282800	Calcrete	38374	54	339700	6283100	Calcrete
38432	54	339600	6282800	Calcrete	38373	54	339600	6283100	Calcrete
38431	54	339700	6282800	Calcrete	38371	54	339400	6283100	Calcrete
38430	54	339800	6282800	Calcrete	38370	54	339300	6283100	Calcrete
38429	54	339900	6282800	Calcrete	38369	54	339200	6283100	Calcrete
38426	54	340200	6282800	Calcrete	38365	54	338800	6283100	Calcrete
38425	54	340300	6282800	Calcrete	38362	54	338800	6283200	Calcrete
38424	54	340400	6282800	Calcrete	38361	54	338900	6283200	Calcrete
38423	54	340500	6282800	Calcrete	38360	54	339000	6283200	Calcrete
38422	54	340600	6282800	Calcrete	38359	54	339100	6283200	Calcrete
38421	54	340700	6282800	Calcrete	38358	54	339200	6283200	Calcrete
38420	54	340600	6282900	Calcrete	38357	54	339300	6283200	Calcrete
38419	54	340500	6282900	Calcrete	38356	54	339400	6283200	Calcrete
38418	54	340400	6282900	Calcrete	38355	54	339500	6283200	Calcrete
38417	54	340300	6282900	Calcrete	38354	54	339600	6283200	Calcrete
38414	54	340200	6282900	Calcrete	38352	54	339800	6283200	Calcrete
38413	54	340100	6282900	Calcrete	38351	54	339900	6283200	Calcrete
38412	54	340000	6282900	Calcrete	38350	54	340000	6283200	Calcrete
38410	54	339800	6282900	Calcrete	38349	54	340100	6283200	Calcrete
38409	54	339700	6282900	Calcrete	38348	54	340200	6283200	Calcrete
38408	54	339600	6282900	Calcrete	38347	54	340300	6283200	Calcrete
38407	54	339500	6282900	Calcrete	38346	54	340400	6283200	Calcrete
38406	54	339400	6282900	Calcrete	38345	54	340500	6283200	Calcrete
38405	54	339300	6282900	Calcrete	38344	54	340500	6283300	Calcrete
38404	54	339200	6282900	Calcrete	38343	54	340400	6283300	Calcrete
38403	54	339100	6282900	Calcrete	38342	54	340300	6283300	Calcrete
38402	54	339000	6282900	Calcrete	38341	54	340200	6283300	Calcrete
38400	54	338800	6283000	Calcrete	38340	54	340100	6283300	Calcrete
38399	54	338900	6283000	Calcrete	38339	54	340000	6283300	Calcrete
38398	54	339000	6283000	Calcrete	38338	54	339900	6283300	Calcrete
38397	54	339100	6283000	Calcrete	38337	54	339800	6283300	Calcrete
38396	54	339200	6283000	Calcrete	38336	54	339700	6283300	Calcrete
38395	54	339300	6283000	Calcrete	38335	54	339600	6283300	Calcrete
38394	54	339400	6283000	Calcrete	38334	54	339500	6283300	Calcrete
38393	54	339500	6283000	Calcrete	38333	54	339400	6283300	Calcrete
38392	54	339600	6283000	Calcrete	38332	54	339300	6283300	Calcrete
38391	54	339700	6283000	Calcrete	38331	54	339200	6283300	Calcrete
38390	54	339800	6283000	Calcrete	38330	54	339100	6283300	Calcrete
38388	54	340000	6283000	Calcrete	38328	54	338900	6283300	Calcrete
38387	54	340100	6283000	Calcrete	38327	54	338800	6283300	Calcrete
38386	54	340200	6283000	Calcrete	38326	54	338700	6283300	Calcrete
38385	54	340300	6283000	Calcrete	38324	54	338800	6283400	Calcrete
38384	54	340400	6283000	Calcrete	38323	54	338900	6283400	Calcrete
38383	54	340500	6283000	Calcrete	38322	54	339000	6283400	Calcrete
38382	54	340500	6283100	Calcrete	38321	54	339100	6283400	Calcrete
38381	54	340400	6283100	Calcrete	38320	54	339200	6283400	Calcrete
38380	54	340300	6283100	Calcrete	38319	54	339300	6283400	Calcrete
38379	54	340200	6283100	Calcrete	38318	54	339400	6283400	Calcrete
38378	54	340100	6283100	Calcrete	38315	54	339700	6283400	Calcrete
38377	54	340000	6283100	Calcrete	38314	54	339800	6283400	Calcrete

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
38313	54	339900	6283400	Calcrete	38255	54	339700	6283700	Calcrete
38310	54	340000	6283400	Calcrete	38254	54	339600	6283700	Calcrete
38309	54	340100	6283400	Calcrete	38253	54	339500	6283700	Calcrete
38308	54	340200	6283400	Calcrete	38252	54	339400	6283700	Calcrete
38307	54	340300	6283400	Calcrete	38251	54	339300	6283700	Calcrete
38306	54	340400	6283400	Calcrete	38250	54	339200	6283700	Calcrete
38305	54	340500	6283400	Calcrete	38249	54	339100	6283700	Calcrete
38304	54	340500	6283500	Calcrete	38248	54	339000	6283700	Calcrete
38303	54	340400	6283500	Calcrete	38247	54	338900	6283700	Calcrete
38302	54	340300	6283500	Calcrete	38246	54	338800	6283700	Calcrete
38301	54	340200	6283500	Calcrete	38245	54	338700	6283700	Calcrete
38300	54	340100	6283500	Calcrete	38244	54	338600	6283700	Calcrete
38299	54	340000	6283500	Calcrete	38243	54	338500	6283800	Calcrete
38298	54	339900	6283500	Calcrete	38242	54	338600	6283800	Calcrete
38297	54	339800	6283500	Calcrete	38241	54	338700	6283800	Calcrete
38295	54	339600	6283500	Calcrete	38240	54	338800	6283800	Calcrete
38294	54	339500	6283500	Calcrete	38239	54	338900	6283800	Calcrete
38293	54	339400	6283500	Calcrete	38238	54	339000	6283800	Calcrete
38292	54	339300	6283500	Calcrete	38237	54	339100	6283800	Calcrete
38291	54	339200	6283500	Calcrete	38236	54	339200	6283800	Calcrete
38290	54	339100	6283500	Calcrete	38235	54	339300	6283800	Calcrete
38289	54	339000	6283500	Calcrete	38234	54	339400	6283800	Calcrete
38288	54	338900	6283500	Calcrete	38233	54	339500	6283800	Calcrete
38287	54	338800	6283500	Calcrete	38232	54	339600	6283800	Calcrete
38286	54	338700	6283500	Calcrete	38231	54	339700	6283800	Calcrete
38285	54	338600	6283600	Calcrete	38230	54	339800	6283800	Calcrete
38284	54	338700	6283600	Calcrete	38229	54	339900	6283800	Calcrete
38283	54	338800	6283600	Calcrete	38228	54	340000	6283800	Calcrete
38282	54	338900	6283600	Calcrete	38227	54	340100	6283800	Calcrete
38281	54	339000	6283600	Calcrete	38226	54	340200	6283800	Calcrete
38280	54	339100	6283600	Calcrete	38225	54	340300	6283800	Calcrete
38278	54	339300	6283600	Calcrete	38224	54	340400	6283800	Calcrete
38277	54	339400	6283600	Calcrete	38223	54	340500	6283800	Calcrete
38276	54	339500	6283600	Calcrete	38222	54	340500	6283900	Calcrete
38275	54	339600	6283600	Calcrete	38221	54	340400	6283900	Calcrete
38274	54	339700	6283600	Calcrete	38220	54	340300	6283900	Calcrete
38273	54	339800	6283600	Calcrete	38219	54	340200	6283900	Calcrete
38272	54	339900	6283600	Calcrete	38218	54	340100	6283900	Calcrete
38271	54	340000	6283600	Calcrete	38217	54	340000	6283900	Calcrete
38270	54	340100	6283600	Calcrete	38216	54	339900	6283900	Calcrete
38269	54	340200	6283600	Calcrete	38215	54	339800	6283900	Calcrete
38268	54	340300	6283600	Calcrete	38214	54	339700	6283900	Calcrete
38267	54	340400	6283600	Calcrete	38213	54	339600	6283900	Calcrete
38266	54	340500	6283600	Calcrete	38212	54	339500	6283900	Calcrete
38265	54	340500	6283700	Calcrete	38209	54	339200	6283900	Calcrete
38264	54	340400	6283700	Calcrete	38206	54	339100	6283900	Calcrete
38263	54	340300	6283700	Calcrete	38205	54	339000	6283900	Calcrete
38262	54	340200	6283700	Calcrete	38204	54	338900	6283900	Calcrete
38261	54	340100	6283700	Calcrete	38199	54	338500	6284000	Calcrete
38258	54	340000	6283700	Calcrete	38197	54	338700	6284000	Calcrete
38257	54	339900	6283700	Calcrete	38196	54	338800	6284000	Calcrete
38256	54	339800	6283700	Calcrete	38195	54	338900	6284000	Calcrete

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
38194	54	339000	6284000	Calcrete	38136	54	340100	6284200	Calcrete
38193	54	339100	6284000	Calcrete	38135	54	340200	6284200	Calcrete
38189	54	339500	6284000	Calcrete	38134	54	340300	6284200	Calcrete
38188	54	339600	6284000	Calcrete	38133	54	340400	6284200	Calcrete
38187	54	339700	6284000	Calcrete	38132	54	340500	6284200	Calcrete
38186	54	339800	6284000	Calcrete	38130	54	340400	6284300	Calcrete
38185	54	339900	6284000	Calcrete	38129	54	340300	6284300	Calcrete
38184	54	340000	6284000	Calcrete	38128	54	340200	6284300	Calcrete
38183	54	340100	6284000	Calcrete	38127	54	340100	6284300	Calcrete
38182	54	340200	6284000	Calcrete	38126	54	340000	6284300	Calcrete
38181	54	340300	6284000	Calcrete	38125	54	339900	6284300	Calcrete
38180	54	340400	6284000	Calcrete	38124	54	339800	6284300	Calcrete
38179	54	340500	6284000	Calcrete	38123	54	339700	6284300	Calcrete
38178	54	340500	6284100	Calcrete	38122	54	339600	6284300	Calcrete
38177	54	340400	6284100	Calcrete	38121	54	339500	6284300	Calcrete
38176	54	340300	6284100	Calcrete	38120	54	339400	6284300	Calcrete
38175	54	340200	6284100	Calcrete	38119	54	339300	6284300	Calcrete
38174	54	340100	6284100	Calcrete	38118	54	339200	6284300	Calcrete
38173	54	340000	6284100	Calcrete	38117	54	339100	6284300	Calcrete
38172	54	339900	6284100	Calcrete	38116	54	339000	6284300	Calcrete
38171	54	339800	6284100	Calcrete	38115	54	338900	6284300	Calcrete
38170	54	339700	6284100	Calcrete	38114	54	338800	6284300	Calcrete
38169	54	339600	6284100	Calcrete	38113	54	338700	6284300	Calcrete
38168	54	339500	6284100	Calcrete	38112	54	338600	6284300	Calcrete
38167	54	339400	6284100	Calcrete	38111	54	338500	6284300	Calcrete
38166	54	339300	6284100	Calcrete	38110	54	338400	6284300	Calcrete
38165	54	339200	6284100	Calcrete	38109	54	338300	6284300	Calcrete
38164	54	339100	6284100	Calcrete	38108	54	338200	6284300	Calcrete
38163	54	339000	6284100	Calcrete	38107	54	338100	6284400	Calcrete
38162	54	338900	6284100	Calcrete	38106	54	338200	6284400	Calcrete
38161	54	338800	6284100	Calcrete	38105	54	338300	6284400	Calcrete
38160	54	338700	6284100	Calcrete	38104	54	338400	6284400	Calcrete
38159	54	338600	6284100	Calcrete	38101	54	338500	6284400	Calcrete
38158	54	338500	6284100	Calcrete	38100	54	338600	6284400	Calcrete
38157	54	338400	6284100	Calcrete	38099	54	338700	6284400	Calcrete
38154	54	338300	6284200	Calcrete	38098	54	338800	6284400	Calcrete
38153	54	338400	6284200	Calcrete	38097	54	338900	6284400	Calcrete
38152	54	338500	6284200	Calcrete	38096	54	339000	6284400	Calcrete
38151	54	338600	6284200	Calcrete	38095	54	339100	6284400	Calcrete
38150	54	338700	6284200	Calcrete	38094	54	339200	6284400	Calcrete
38149	54	338800	6284200	Calcrete	38093	54	339300	6284400	Calcrete
38147	54	339000	6284200	Calcrete	38092	54	339400	6284400	Calcrete
38146	54	339100	6284200	Calcrete	38091	54	339500	6284400	Calcrete
38145	54	339200	6284200	Calcrete	38090	54	339600	6284400	Calcrete
38144	54	339300	6284200	Calcrete	38089	54	339700	6284400	Calcrete
38143	54	339400	6284200	Calcrete	38088	54	339800	6284400	Calcrete
38142	54	339500	6284200	Calcrete	38087	54	339900	6284400	Calcrete
38141	54	339600	6284200	Calcrete	38086	54	340000	6284400	Calcrete
38140	54	339700	6284200	Calcrete	38085	54	340100	6284400	Calcrete
38139	54	339800	6284200	Calcrete	38084	54	340200	6284400	Calcrete
38138	54	339900	6284200	Calcrete	38083	54	340300	6284400	Calcrete
38137	54	340000	6284200	Calcrete	38082	54	340400	6284400	Calcrete

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
38081	54	340500	6284400	Calcrete	38019	54	339800	6284700	Calcrete
38080	54	340500	6284500	Calcrete	38018	54	339700	6284700	Calcrete
38079	54	340400	6284500	Calcrete	38017	54	339600	6284700	Calcrete
38076	54	340100	6284500	Calcrete	38016	54	339500	6284700	Calcrete
38074	54	339900	6284500	Calcrete	38015	54	339400	6284700	Calcrete
38073	54	339800	6284500	Calcrete	38014	54	339300	6284700	Calcrete
38072	54	339700	6284500	Calcrete	38013	54	339200	6284700	Calcrete
38071	54	339600	6284500	Calcrete	38012	54	339100	6284700	Calcrete
38070	54	339500	6284500	Calcrete	38011	54	339000	6284700	Calcrete
38069	54	339400	6284500	Calcrete	38010	54	338900	6284700	Calcrete
38068	54	339300	6284500	Calcrete	38009	54	338800	6284700	Calcrete
38067	54	339200	6284500	Calcrete	38008	54	338700	6284700	Calcrete
38066	54	339100	6284500	Calcrete	38007	54	338600	6284700	Calcrete
38065	54	339000	6284500	Calcrete	38006	54	338500	6284700	Calcrete
38064	54	338900	6284500	Calcrete	38005	54	338400	6284700	Calcrete
38063	54	338800	6284500	Calcrete	38004	54	338300	6284700	Calcrete
38062	54	338700	6284500	Calcrete	38003	54	338200	6284700	Calcrete
38061	54	338600	6284500	Calcrete	38002	54	338100	6284700	Calcrete
38060	54	338500	6284500	Calcrete	38001	54	338000	6284700	Calcrete
38059	54	338400	6284500	Calcrete	6265	54	340000	6275800	Calcrete
38058	54	338300	6284500	Calcrete	6266	54	339900	6275800	Calcrete
38057	54	338200	6284500	Calcrete	6267	54	339800	6275800	Calcrete
38055	54	338000	6284500	Calcrete	6268	54	339700	6275800	Calcrete
38054	54	338000	6284600	Calcrete	6269	54	339600	6275800	Calcrete
38053	54	338100	6284600	Calcrete	6270	54	339500	6275800	Calcrete
38050	54	338200	6284600	Calcrete	6271	54	339400	6275800	Calcrete
38049	54	338300	6284600	Calcrete	6272	54	339300	6275800	Calcrete
38048	54	338400	6284600	Calcrete	6273	54	339200	6275800	Calcrete
38047	54	338500	6284600	Calcrete	6274	54	339100	6275800	Calcrete
38046	54	338600	6284600	Calcrete	6275	54	339000	6275800	Calcrete
38045	54	338700	6284600	Calcrete	6276	54	338900	6275800	Calcrete
38044	54	338800	6284600	Calcrete	6277	54	338800	6275800	Calcrete
38043	54	338900	6284600	Calcrete	6278	54	338700	6275800	Calcrete
38042	54	339000	6284600	Calcrete	6279	54	338600	6275800	Calcrete
38041	54	339100	6284600	Calcrete	6280	54	338500	6275800	Calcrete
38040	54	339200	6284600	Calcrete	6248	54	338500	6275900	Calcrete
38039	54	339300	6284600	Calcrete	6249	54	338600	6275900	Calcrete
38037	54	339500	6284600	Calcrete	6250	54	338700	6275900	Calcrete
38033	54	339900	6284600	Calcrete	6251	54	338800	6275900	Calcrete
38032	54	340000	6284600	Calcrete	6252	54	338900	6275900	Calcrete
38031	54	340100	6284600	Calcrete	6254	54	339000	6275900	Calcrete
38030	54	340200	6284600	Calcrete	6255	54	339100	6275900	Calcrete
38029	54	340300	6284600	Calcrete	6256	54	339200	6275900	Calcrete
38028	54	340400	6284600	Calcrete	6257	54	339300	6275900	Calcrete
38027	54	340500	6284600	Calcrete	6258	54	339400	6275900	Calcrete
38026	54	340500	6284700	Calcrete	6259	54	339500	6275900	Calcrete
38025	54	340400	6284700	Calcrete	6260	54	339600	6275900	Calcrete
38024	54	340300	6284700	Calcrete	6261	54	339700	6275900	Calcrete
38023	54	340200	6284700	Calcrete	6262	54	339800	6275900	Calcrete
38022	54	340100	6284700	Calcrete	6263	54	339900	6275900	Calcrete
38021	54	340000	6284700	Calcrete	6264	54	340000	6275900	Calcrete
38020	54	339900	6284700	Calcrete	6232	54	340000	6276000	Calcrete

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
6233	54	339900	6276000	Calcrete	6167	54	340000	6276400	Calcrete
6234	54	339800	6276000	Calcrete	6168	54	339900	6276400	Calcrete
6235	54	339700	6276000	Calcrete	6169	54	339800	6276400	Calcrete
6236	54	339600	6276000	Calcrete	6170	54	339700	6276400	Calcrete
6237	54	339500	6276000	Calcrete	6171	54	339600	6276400	Calcrete
6238	54	339400	6276000	Calcrete	6172	54	339500	6276400	Calcrete
6239	54	339300	6276000	Calcrete	6173	54	339400	6276400	Calcrete
6240	54	339200	6276000	Calcrete	6174	54	339300	6276400	Calcrete
6241	54	339100	6276000	Calcrete	6175	54	339200	6276400	Calcrete
6242	54	339000	6276000	Calcrete	6176	54	339100	6276400	Calcrete
6243	54	338900	6276000	Calcrete	6177	54	339000	6276400	Calcrete
6244	54	338800	6276000	Calcrete	6151	54	338500	6276500	Calcrete
6245	54	338700	6276000	Calcrete	6152	54	338600	6276500	Calcrete
6246	54	338600	6276000	Calcrete	6159	54	339300	6276500	Calcrete
6247	54	338500	6276000	Calcrete	6160	54	339400	6276500	Calcrete
6216	54	338500	6276100	Calcrete	6161	54	339500	6276500	Calcrete
6217	54	338600	6276100	Calcrete	6162	54	339600	6276500	Calcrete
6218	54	338700	6276100	Calcrete	6163	54	339700	6276500	Calcrete
6219	54	338800	6276100	Calcrete	6164	54	339800	6276500	Calcrete
6220	54	338900	6276100	Calcrete	6165	54	339900	6276500	Calcrete
6221	54	339000	6276100	Calcrete	6166	54	340000	6276500	Calcrete
6222	54	339100	6276100	Calcrete	6135	54	340000	6276600	Calcrete
6223	54	339200	6276100	Calcrete	6136	54	339900	6276600	Calcrete
6224	54	339300	6276100	Calcrete	6138	54	339700	6276600	Calcrete
6225	54	339400	6276100	Calcrete	6143	54	339200	6276600	Calcrete
6226	54	339500	6276100	Calcrete	6144	54	339100	6276600	Calcrete
6227	54	339600	6276100	Calcrete	6146	54	338900	6276600	Calcrete
6228	54	339700	6276100	Calcrete	6147	54	338800	6276600	Calcrete
6229	54	339800	6276100	Calcrete	6148	54	338700	6276600	Calcrete
6230	54	339900	6276100	Calcrete	6149	54	338600	6276600	Calcrete
6231	54	340000	6276100	Calcrete	6150	54	338500	6276600	Calcrete
6201	54	339900	6276200	Calcrete	6118	54	338500	6276700	Calcrete
6204	54	339600	6276200	Calcrete	6119	54	338600	6276700	Calcrete
6206	54	339400	6276200	Calcrete	6120	54	338700	6276700	Calcrete
6207	54	339300	6276200	Calcrete	6121	54	338800	6276700	Calcrete
6208	54	339200	6276200	Calcrete	6124	54	339100	6276700	Calcrete
6209	54	339100	6276200	Calcrete	6125	54	339200	6276700	Calcrete
6210	54	339000	6276200	Calcrete	6126	54	339300	6276700	Calcrete
6211	54	338900	6276200	Calcrete	6129	54	339600	6276700	Calcrete
6212	54	338800	6276200	Calcrete	6130	54	339700	6276700	Calcrete
6213	54	338700	6276200	Calcrete	6134	54	340000	6276700	Calcrete
6215	54	338500	6276200	Calcrete	6097	54	340500	6276800	Calcrete
6183	54	338500	6276300	Calcrete	6098	54	340400	6276800	Calcrete
6184	54	338600	6276300	Calcrete	6099	54	340300	6276800	Calcrete
6185	54	338700	6276300	Calcrete	6100	54	340200	6276800	Calcrete
6186	54	338800	6276300	Calcrete	6101	54	340100	6276800	Calcrete
6187	54	338900	6276300	Calcrete	6102	54	340000	6276800	Calcrete
6188	54	339000	6276300	Calcrete	6103	54	339900	6276800	Calcrete
6189	54	339100	6276300	Calcrete	6104	54	339800	6276800	Calcrete
6191	54	339300	6276300	Calcrete	6105	54	339700	6276800	Calcrete
6193	54	339400	6276300	Calcrete	6106	54	339600	6276800	Calcrete
6194	54	339500	6276300	Calcrete	6107	54	339500	6276800	Calcrete

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
6108	54	339400	6276800	Calcrete	6033	54	339700	6277300	Calcrete
6109	54	339300	6276800	Calcrete	6034	54	339800	6277300	Calcrete
6113	54	338900	6276800	Calcrete	6035	54	339900	6277300	Calcrete
6114	54	338800	6276800	Calcrete	6036	54	340000	6277300	Calcrete
6116	54	338600	6276800	Calcrete	6037	54	340100	6277300	Calcrete
6117	54	338500	6276800	Calcrete	6038	54	340200	6277300	Calcrete
6081	54	339000	6276900	Calcrete	6041	54	340500	6277300	Calcrete
6082	54	339100	6276900	Calcrete	6020	54	340500	6277400	Calcrete
6083	54	339200	6276900	Calcrete	6021	54	340400	6277400	Calcrete
6084	54	339300	6276900	Calcrete	6024	54	340100	6277400	Calcrete
6085	54	339400	6276900	Calcrete	6025	54	340000	6277400	Calcrete
6086	54	339500	6276900	Calcrete	6026	54	339900	6277400	Calcrete
6087	54	339600	6276900	Calcrete	6027	54	339800	6277400	Calcrete
6088	54	339700	6276900	Calcrete	6028	54	339700	6277400	Calcrete
6089	54	339800	6276900	Calcrete	6029	54	339600	6277400	Calcrete
6090	54	339900	6276900	Calcrete	6010	54	339600	6277500	Calcrete
6091	54	340000	6276900	Calcrete	6011	54	339700	6277500	Calcrete
6092	54	340100	6276900	Calcrete	6012	54	339800	6277500	Calcrete
6093	54	340200	6276900	Calcrete	6013	54	339900	6277500	Calcrete
6094	54	340300	6276900	Calcrete	6014	54	340000	6277500	Calcrete
6064	54	340500	6277000	Calcrete	6015	54	340100	6277500	Calcrete
6065	54	340400	6277000	Calcrete	6016	54	340200	6277500	Calcrete
6066	54	340300	6277000	Calcrete	6017	54	340300	6277500	Calcrete
6068	54	340100	6277000	Calcrete	6018	54	340400	6277500	Calcrete
6069	54	340000	6277000	Calcrete	6019	54	340500	6277500	Calcrete
6071	54	339900	6277000	Calcrete	5987	54	341500	6277600	Calcrete
6073	54	339700	6277000	Calcrete	5988	54	341400	6277600	Calcrete
6075	54	339500	6277000	Calcrete	5989	54	341300	6277600	Calcrete
6076	54	339400	6277000	Calcrete	5990	54	341200	6277600	Calcrete
6077	54	339300	6277000	Calcrete	5991	54	341100	6277600	Calcrete
6078	54	339200	6277000	Calcrete	5992	54	341000	6277600	Calcrete
6079	54	339100	6277000	Calcrete	5993	54	340900	6277600	Calcrete
6080	54	339000	6277000	Calcrete	5994	54	340800	6277600	Calcrete
6054	54	339600	6277100	Calcrete	5995	54	340700	6277600	Calcrete
6056	54	339800	6277100	Calcrete	5996	54	340600	6277600	Calcrete
6057	54	339900	6277100	Calcrete	5997	54	340500	6277600	Calcrete
6058	54	340000	6277100	Calcrete	5998	54	340400	6277600	Calcrete
6059	54	340100	6277100	Calcrete	5999	54	340300	6277600	Calcrete
6060	54	340200	6277100	Calcrete	6000	54	340200	6277600	Calcrete
6061	54	340300	6277100	Calcrete	6002	54	340000	6277600	Calcrete
6062	54	340400	6277100	Calcrete	6004	54	339800	6277600	Calcrete
6063	54	340500	6277100	Calcrete	6005	54	339700	6277600	Calcrete
6043	54	340400	6277200	Calcrete	6006	54	339600	6277600	Calcrete
6044	54	340300	6277200	Calcrete	5966	54	339600	6277700	Calcrete
6045	54	340200	6277200	Calcrete	5967	54	339700	6277700	Calcrete
6046	54	340100	6277200	Calcrete	5968	54	339800	6277700	Calcrete
6047	54	340000	6277200	Calcrete	5969	54	339900	6277700	Calcrete
6048	54	339900	6277200	Calcrete	5970	54	340000	6277700	Calcrete
6049	54	339800	6277200	Calcrete	5971	54	340100	6277700	Calcrete
6052	54	339500	6277200	Calcrete	5972	54	340200	6277700	Calcrete
6031	54	339500	6277300	Calcrete	5973	54	340300	6277700	Calcrete
6032	54	339600	6277300	Calcrete	5974	54	340400	6277700	Calcrete

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
5975	54	340500	6277700	Calcrete	5897	54	342800	6278000	Calcrete
5976	54	340600	6277700	Calcrete	5900	54	342500	6278000	Calcrete
5977	54	340700	6277700	Calcrete	5901	54	342400	6278000	Calcrete
5978	54	340800	6277700	Calcrete	5902	54	342300	6278000	Calcrete
5979	54	340800	6277700	Calcrete	5903	54	342200	6278000	Calcrete
5980	54	340900	6277700	Calcrete	5905	54	342000	6278000	Calcrete
5981	54	341000	6277700	Calcrete	5906	54	341900	6278000	Calcrete
5983	54	341200	6277700	Calcrete	5907	54	341800	6278000	Calcrete
5984	54	341300	6277700	Calcrete	5908	54	341700	6278000	Calcrete
5985	54	341400	6277700	Calcrete	5909	54	341600	6278000	Calcrete
5943	54	341500	6277800	Calcrete	5910	54	341500	6278000	Calcrete
5944	54	341400	6277800	Calcrete	5911	54	341400	6278000	Calcrete
5946	54	341200	6277800	Calcrete	5912	54	341300	6278000	Calcrete
5947	54	341100	6277800	Calcrete	5913	54	341200	6278000	Calcrete
5949	54	341000	6277800	Calcrete	5914	54	341100	6278000	Calcrete
5950	54	340900	6277800	Calcrete	5915	54	341000	6278000	Calcrete
5951	54	340800	6277800	Calcrete	5916	54	340900	6278000	Calcrete
5952	54	340700	6277800	Calcrete	5917	54	340800	6278000	Calcrete
5953	54	340600	6277800	Calcrete	5918	54	340700	6278000	Calcrete
5954	54	340500	6277800	Calcrete	5919	54	340600	6278000	Calcrete
5955	54	340400	6277800	Calcrete	5920	54	340500	6278000	Calcrete
5956	54	340300	6277800	Calcrete	5857	54	340500	6278100	Calcrete
5957	54	340200	6277800	Calcrete	5858	54	340600	6278100	Calcrete
5958	54	340100	6277800	Calcrete	5859	54	340700	6278100	Calcrete
5959	54	340000	6277800	Calcrete	5860	54	340800	6278100	Calcrete
5960	54	339900	6277800	Calcrete	5861	54	340800	6278100	Calcrete
5962	54	339700	6277800	Calcrete	5862	54	340900	6278100	Calcrete
5963	54	339600	6277800	Calcrete	5866	54	341300	6278100	Calcrete
5964	54	339500	6277800	Calcrete	5867	54	341400	6278100	Calcrete
5921	54	339500	6277900	Calcrete	5868	54	341500	6278100	Calcrete
5922	54	339600	6277900	Calcrete	5869	54	341600	6278100	Calcrete
5923	54	339700	6277900	Calcrete	5870	54	341700	6278100	Calcrete
5924	54	339800	6277900	Calcrete	5871	54	341800	6278100	Calcrete
5925	54	339900	6277900	Calcrete	5872	54	341900	6278100	Calcrete
5926	54	340000	6277900	Calcrete	5874	54	342100	6278100	Calcrete
5927	54	340100	6277900	Calcrete	5879	54	342600	6278100	Calcrete
5928	54	340200	6277900	Calcrete	5881	54	342800	6278100	Calcrete
5929	54	340300	6277900	Calcrete	5882	54	342900	6278100	Calcrete
5930	54	340400	6277900	Calcrete	5883	54	343000	6278100	Calcrete
5931	54	340500	6277900	Calcrete	5884	54	343100	6278100	Calcrete
5932	54	340600	6277900	Calcrete	5885	54	343200	6278100	Calcrete
5933	54	340700	6277900	Calcrete	5827	54	343400	6278200	Calcrete
5934	54	340800	6277900	Calcrete	5830	54	343100	6278200	Calcrete
5935	54	340800	6277900	Calcrete	5831	54	343000	6278200	Calcrete
5936	54	340900	6277900	Calcrete	5832	54	342900	6278200	Calcrete
5937	54	341000	6277900	Calcrete	5833	54	342800	6278200	Calcrete
5938	54	341100	6277900	Calcrete	5834	54	342700	6278200	Calcrete
5939	54	341200	6277900	Calcrete	5835	54	342600	6278200	Calcrete
5940	54	341300	6277900	Calcrete	5836	54	342500	6278200	Calcrete
5941	54	341400	6277900	Calcrete	5837	54	342400	6278200	Calcrete
5942	54	341500	6277900	Calcrete	5838	54	342300	6278200	Calcrete
5896	54	342900	6278000	Calcrete	5839	54	342200	6278200	Calcrete

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
5840	54	342100	6278200	Calcrete	5781	54	341600	6278400	Calcrete
5841	54	342000	6278200	Calcrete	5783	54	341400	6278400	Calcrete
5842	54	341900	6278200	Calcrete	5784	54	341300	6278400	Calcrete
5843	54	341800	6278200	Calcrete	5785	54	341200	6278400	Calcrete
5844	54	341700	6278200	Calcrete	5786	54	341100	6278400	Calcrete
5845	54	341600	6278200	Calcrete	5787	54	341000	6278400	Calcrete
5846	54	341500	6278200	Calcrete	5788	54	340900	6278400	Calcrete
5847	54	341400	6278200	Calcrete	5789	54	340800	6278400	Calcrete
5850	54	341100	6278200	Calcrete	5790	54	340700	6278400	Calcrete
5851	54	341000	6278200	Calcrete	5791	54	340600	6278400	Calcrete
5852	54	340900	6278200	Calcrete	5792	54	340500	6278400	Calcrete
5853	54	340800	6278200	Calcrete	5735	54	341000	6278500	Calcrete
5854	54	340700	6278200	Calcrete	5736	54	341100	6278500	Calcrete
5855	54	340600	6278200	Calcrete	5737	54	341200	6278500	Calcrete
5856	54	340500	6278200	Calcrete	5738	54	341300	6278500	Calcrete
5793	54	340500	6278300	Calcrete	5739	54	341400	6278500	Calcrete
5794	54	340600	6278300	Calcrete	5740	54	341500	6278500	Calcrete
5795	54	340700	6278300	Calcrete	5741	54	341600	6278500	Calcrete
5796	54	340800	6278300	Calcrete	5742	54	341700	6278500	Calcrete
5798	54	340900	6278300	Calcrete	5743	54	341800	6278500	Calcrete
5799	54	341000	6278300	Calcrete	5744	54	341900	6278500	Calcrete
5800	54	341100	6278300	Calcrete	5745	54	342000	6278500	Calcrete
5801	54	341200	6278300	Calcrete	5746	54	342100	6278500	Calcrete
5802	54	341300	6278300	Calcrete	5747	54	342200	6278500	Calcrete
5803	54	341400	6278300	Calcrete	5748	54	342300	6278500	Calcrete
5804	54	341500	6278300	Calcrete	5749	54	342400	6278500	Calcrete
5805	54	341600	6278300	Calcrete	5750	54	342500	6278500	Calcrete
5807	54	341800	6278300	Calcrete	5751	54	342600	6278500	Calcrete
5808	54	341900	6278300	Calcrete	5752	54	342700	6278500	Calcrete
5809	54	342000	6278300	Calcrete	5753	54	342800	6278500	Calcrete
5810	54	342100	6278300	Calcrete	5756	54	343100	6278500	Calcrete
5811	54	342200	6278300	Calcrete	5758	54	343300	6278500	Calcrete
5812	54	342300	6278300	Calcrete	5759	54	343400	6278500	Calcrete
5813	54	342400	6278300	Calcrete	5760	54	343500	6278500	Calcrete
5814	54	342500	6278300	Calcrete	5709	54	343500	6278600	Calcrete
5815	54	342600	6278300	Calcrete	5710	54	343400	6278600	Calcrete
5819	54	343000	6278300	Calcrete	5720	54	342400	6278600	Calcrete
5820	54	343100	6278300	Calcrete	5721	54	342300	6278600	Calcrete
5822	54	343300	6278300	Calcrete	5723	54	342100	6278600	Calcrete
5761	54	343500	6278400	Calcrete	5724	54	342000	6278600	Calcrete
5767	54	343000	6278400	Calcrete	5725	54	341900	6278600	Calcrete
5768	54	342900	6278400	Calcrete	5727	54	341700	6278600	Calcrete
5770	54	342700	6278400	Calcrete	5728	54	341600	6278600	Calcrete
5771	54	342600	6278400	Calcrete	5729	54	341500	6278600	Calcrete
5772	54	342500	6278400	Calcrete	5730	54	341400	6278600	Calcrete
5773	54	342400	6278400	Calcrete	5731	54	341300	6278600	Calcrete
5774	54	342300	6278400	Calcrete	5733	54	341100	6278600	Calcrete
5775	54	342200	6278400	Calcrete	5734	54	341000	6278600	Calcrete
5776	54	342100	6278400	Calcrete	5682	54	341000	6278700	Calcrete
5777	54	342000	6278400	Calcrete	5683	54	341100	6278700	Calcrete
5779	54	341800	6278400	Calcrete	5684	54	341200	6278700	Calcrete
5780	54	341700	6278400	Calcrete	5685	54	341300	6278700	Calcrete

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
5686	54	341400	6278700	Calcrete	6322	54	343200	6279000	Calcrete
5687	54	341500	6278700	Calcrete	6323	54	343100	6279000	Calcrete
5688	54	341600	6278700	Calcrete	6324	54	343000	6279000	Calcrete
5689	54	341700	6278700	Calcrete	6326	54	342800	6279000	Calcrete
5690	54	341800	6278700	Calcrete	6333	54	342100	6279000	Calcrete
5691	54	341900	6278700	Calcrete	6334	54	342000	6279000	Calcrete
5692	54	342000	6278700	Calcrete	6335	54	341900	6279000	Calcrete
5693	54	342100	6278700	Calcrete	6336	54	341800	6279000	Calcrete
5694	54	342200	6278700	Calcrete	6337	54	341700	6279000	Calcrete
5695	54	342300	6278700	Calcrete	6338	54	341600	6279000	Calcrete
5656	54	343500	6278800	Calcrete	6339	54	341500	6279000	Calcrete
5657	54	343400	6278800	Calcrete	5587	54	341500	6279100	Calcrete
5658	54	343300	6278800	Calcrete	5588	54	341600	6279100	Calcrete
5660	54	343100	6278800	Calcrete	5589	54	341700	6279100	Calcrete
5661	54	343000	6278800	Calcrete	6301	54	341800	6279100	Calcrete
5668	54	342300	6278800	Calcrete	6302	54	341900	6279100	Calcrete
5669	54	342200	6278800	Calcrete	6303	54	342000	6279100	Calcrete
5670	54	342100	6278800	Calcrete	6304	54	342100	6279100	Calcrete
5671	54	342000	6278800	Calcrete	6305	54	342200	6279100	Calcrete
5673	54	341800	6278800	Calcrete	6306	54	342300	6279100	Calcrete
5674	54	341700	6278800	Calcrete	6309	54	342600	6279100	Calcrete
5675	54	341600	6278800	Calcrete	6310	54	342700	6279100	Calcrete
5676	54	341500	6278800	Calcrete	6311	54	342800	6279100	Calcrete
5677	54	341400	6278800	Calcrete	6313	54	343000	6279100	Calcrete
5678	54	341300	6278800	Calcrete	6314	54	343100	6279100	Calcrete
5679	54	341200	6278800	Calcrete	6315	54	343200	6279100	Calcrete
5680	54	341100	6278800	Calcrete	6316	54	343300	6279100	Calcrete
5681	54	341000	6278800	Calcrete	6317	54	343400	6279100	Calcrete
5651	54	343100	6278900	Calcrete	6318	54	343500	6279100	Calcrete
5652	54	343200	6278900	Calcrete	5565	54	343500	6279200	Calcrete
5653	54	343300	6278900	Calcrete	5566	54	343400	6279200	Calcrete
5654	54	343400	6278900	Calcrete	5567	54	343300	6279200	Calcrete
5655	54	343500	6278900	Calcrete	5568	54	343200	6279200	Calcrete
6340	54	341000	6278900	Calcrete	5569	54	343100	6279200	Calcrete
6341	54	341100	6278900	Calcrete	5570	54	343000	6279200	Calcrete
6342	54	341200	6278900	Calcrete	5571	54	342900	6279200	Calcrete
6343	54	341300	6278900	Calcrete	5572	54	342800	6279200	Calcrete
6344	54	341400	6278900	Calcrete	5573	54	342700	6279200	Calcrete
6345	54	341500	6278900	Calcrete	5574	54	342600	6279200	Calcrete
6346	54	341600	6278900	Calcrete	5575	54	342500	6279200	Calcrete
6347	54	341700	6278900	Calcrete	5576	54	342400	6279200	Calcrete
6348	54	341800	6278900	Calcrete	5577	54	342300	6279200	Calcrete
6349	54	341900	6278900	Calcrete	5578	54	342200	6279200	Calcrete
6350	54	342000	6278900	Calcrete	5579	54	342100	6279200	Calcrete
6351	54	342100	6278900	Calcrete	5580	54	342000	6279200	Calcrete
6353	54	342300	6278900	Calcrete	5581	54	341900	6279200	Calcrete
6355	54	342400	6278900	Calcrete	5583	54	341800	6279200	Calcrete
6360	54	342900	6278900	Calcrete	5584	54	341700	6279200	Calcrete
6361	54	343000	6278900	Calcrete	5585	54	341600	6279200	Calcrete
6319	54	343500	6279000	Calcrete	5586	54	341500	6279200	Calcrete
6320	54	343400	6279000	Calcrete	5544	54	341500	6279300	Calcrete
6321	54	343300	6279000	Calcrete	5545	54	341600	6279300	Calcrete

SAMPLE	Zone	MGA EAST	MGA NORTH	Type	SAMPLE	Zone	MGA EAST	MGA NORTH	Type
5546	54	341700	6279300	Calcrete	5535	54	342300	6279400	Calcrete
5547	54	341800	6279300	Calcrete	5536	54	342200	6279400	Calcrete
5548	54	341900	6279300	Calcrete	5537	54	342100	6279400	Calcrete
5549	54	342000	6279300	Calcrete	5538	54	342000	6279400	Calcrete
5550	54	342100	6279300	Calcrete	5539	54	341900	6279400	Calcrete
5551	54	342200	6279300	Calcrete	5540	54	341800	6279400	Calcrete
5552	54	342300	6279300	Calcrete	5541	54	341700	6279400	Calcrete
5553	54	342400	6279300	Calcrete	5542	54	341600	6279400	Calcrete
5554	54	342500	6279300	Calcrete	5543	54	341500	6279400	Calcrete
5555	54	342600	6279300	Calcrete	5501	54	341500	6279500	Calcrete
5556	54	342700	6279300	Calcrete	5502	54	341600	6279500	Calcrete
5557	54	342800	6279300	Calcrete	5503	54	341700	6279500	Calcrete
5558	54	342900	6279300	Calcrete	5504	54	341800	6279500	Calcrete
5559	54	343000	6279300	Calcrete	5505	54	341900	6279500	Calcrete
5560	54	343100	6279300	Calcrete	5506	54	342000	6279500	Calcrete
5561	54	343200	6279300	Calcrete	5507	54	342100	6279500	Calcrete
5562	54	343300	6279300	Calcrete	5508	54	342200	6279500	Calcrete
5563	54	343400	6279300	Calcrete	5509	54	342300	6279500	Calcrete
5564	54	343500	6279300	Calcrete	5510	54	342400	6279500	Calcrete
5523	54	343500	6279400	Calcrete	5511	54	342500	6279500	Calcrete
5524	54	343400	6279400	Calcrete	5512	54	342600	6279500	Calcrete
5525	54	343300	6279400	Calcrete	5513	54	342700	6279500	Calcrete
5526	54	343200	6279400	Calcrete	5514	54	342800	6279500	Calcrete
5527	54	343100	6279400	Calcrete	5515	54	342900	6279500	Calcrete
5528	54	343000	6279400	Calcrete	5516	54	343000	6279500	Calcrete
5529	54	342900	6279400	Calcrete	5517	54	343100	6279500	Calcrete
5530	54	342800	6279400	Calcrete	5518	54	343200	6279500	Calcrete
5531	54	342700	6279400	Calcrete	5519	54	343300	6279500	Calcrete
5532	54	342600	6279400	Calcrete	5520	54	343400	6279500	Calcrete
5533	54	342500	6279400	Calcrete	5522	54	343500	6279500	Calcrete
5534	54	342400	6279400	Calcrete					

APPENDIX 5

Geochemical Results

Mongolata

Data on CD only

HAINES SURVEYS

GRAVITY SURVEY SPECIALISTS

Job No 0626

MONGOLATA GRAVITY SURVEY

MARATHON RESOURCES

May 2006

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Introduction

A detail GPS gravity survey designated as Mongolata Gravity Survey has been carried out in an area approximately 30 kilometres East of Burra in South Australia over 8 days from 12th May 2006 to 19th May 2006 on behalf of Marathon Resources.

The proposed Mongolata Gravity Survey consisted of 966 detail gravity stations in an irregular grid comprising 31 West-East trending lines coincident with GDA94. Line spacing ranged between 200 metres and 400 metres, with station intervals ranging between 200 metres and 400 metres. The lines of irregular length were bounded in the west by GDA94 Zone 54 335000E, in the east by 349000E, in the south by 6274800N and in the north by 6284800N. The line lengths ranged from 2800 metres to 14000 metres.

The completed Mongolata Gravity Survey comprised of 966 stations in 31 lines. All proposed gravity stations were completed. Note; some of the stations may have been slightly offset from their planned position due to vegetation and terrain.

There were 28 observations repeated for quality control purposes, giving a repeat percentage of 2.9%.

The Bouguer anomaly processing has been performed using a country rock density of 2.67 g/cc.

Figures 1 and 2 overleaf show the location of the survey area.

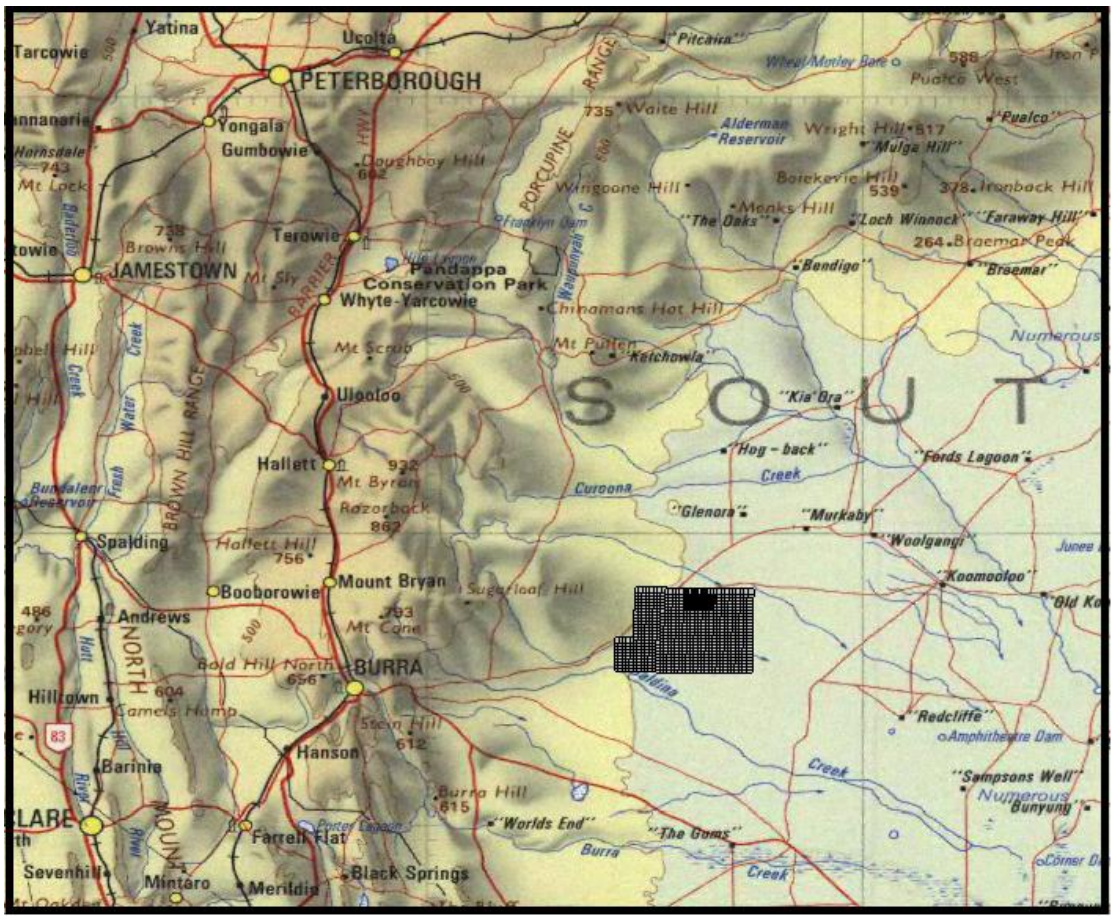


Figure 1. General Location Diagram

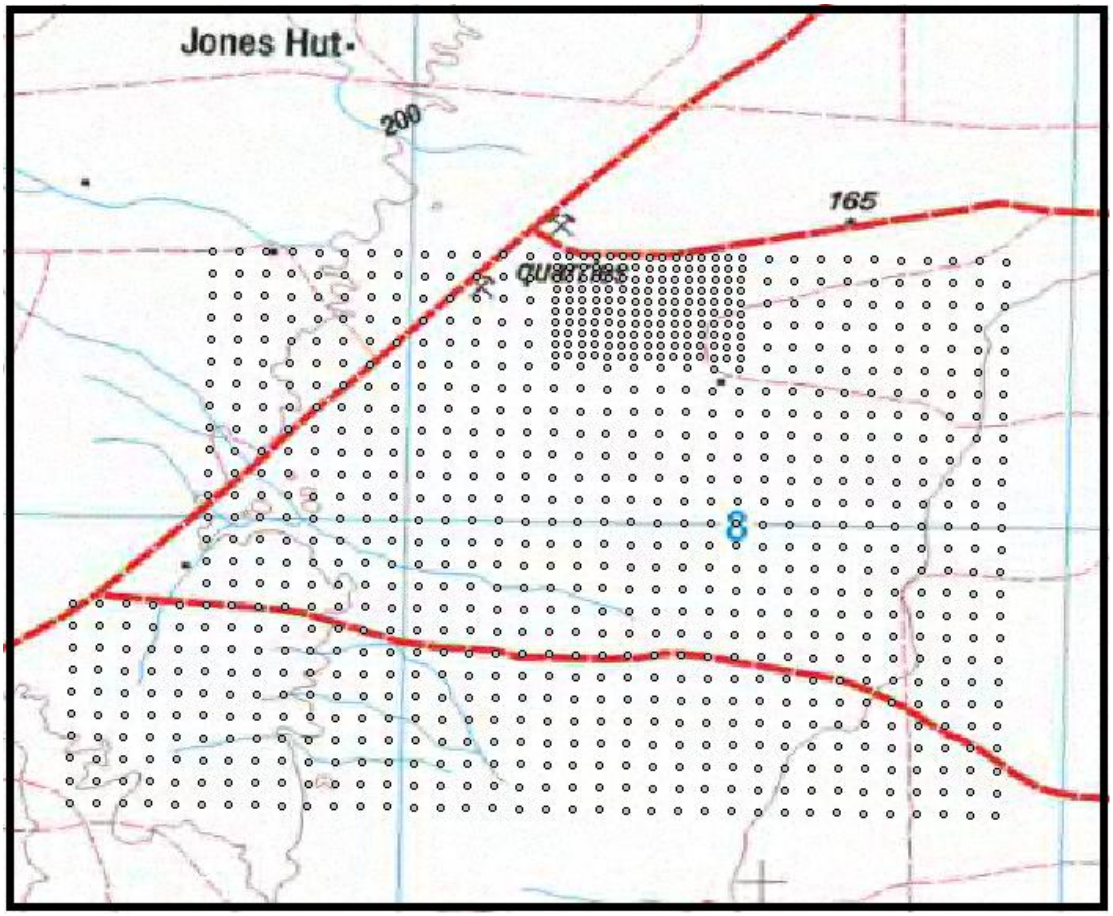


Figure 2. Detailed Location Diagram

GPS Observations and Processing

Carrier phase GPS data has been collected using *Trimble 4000* series geodetic receivers.

Measurements to existing control have been made using Static techniques. All static baselines have been processed to double difference fixed solutions resulting in horizontal and vertical precision of approximately 2 cm.

Measurements for detail gravity observations have been made using Real Time Kinematic (RTK) techniques giving horizontal and vertical precision of at least 5 cm.

Static baseline processing has been done using Trimble GPSurvey Version 2.35 software and RTK processing using Trimble Geomatics Office Version 1.01 software.

Details of Horizontal and Vertical control are given in the sections below.

Gravity Observations

Gravity measurements have been made using *Scintrex CG3 Autograv* instruments. Instrument numbers 8711401 and 9403244 were used in this project.

Readings of 120 seconds were taken at base station. Readings of 40 seconds were taken at all other gravity survey points.

Base station readings were taken at the beginning of the day and at the end of the day's fieldwork.

The CG3 instrument applies an instrument drift correction to its final gravity reading. Any residual drifts between base station readings are corrected by the gravity post processing software. The instrument also applies Earth Tide Correction to its final gravity reading at each station. The instrument calibration constants are contained in the daily gravity data files.

Survey Control

A base station was established in the survey area. It was placed on a hill central to the project to provide good VHF radio coverage for the RTK system. The base is designated as Base 2006.2601. The actual base is marked with a short star picket driven flush with the natural surface. The base is witnessed by a 1m long star picket within 0.3m of the ground mark. Two aluminum tags are attached to the witnessed post. These tags are inscribed "Haines Surveys" and "Gravity 2006.2601".

A sub-base (2006.2699) was located within 5 minutes drive of the main base to provide a backup base station to the main base in case loop ties to the main base were poor. It is not marked but the approximate coordinates (+/- 10m) listed in the table define it's location.

Horizontal and vertical control has been established using the AUSPOS online GPS processing service provided by Geoscience Australia. This method provides control within the GDA94 Datum to within +/- 5 cm. It largely replaces the need for finding local survey marks or allows accurate control to be established when local marks are not available.

A total of 22.4 hours (at 10 second intervals) of observations were logged over 3 days. The following outlines the Cartesian coordinate precision attained per day.

1 Sigma	sX(m)	sY(m)	sZ(m)	yyyy/mm/dd
2601	0.009	0.010	0.010	2006/05/12
2601	0.008	0.009	0.012	2006/05/13
2601	0.010	0.009	0.009	2006/05/14

Since GDA94 and WGS84 (Global Positioning System Datum) are virtually equivalent the GDA94 values can be directly input into the GPS processing software for all calculations.

Vertical control has been converted to an Australian Height Datum (AHD) height using the GDA94 height determined from AUSPOS and the AUSGEOID98 gravimetric geoid.

Gravity control for 2006.2601 base station was established on the Australian Fundamental Gravity Network (Isogal 1984 / IGSN 71) using classical A-B-A ties from gravity station 2005.4804 (Haines Surveys base). The values for 2005.4804 were established during previous projects carried ou in the area. A-B-A ties were made to within 0.01 milligals.

Control information (**WGS84 heights have been derived using AusGeoid98**):

	GDA94			MGA94 Zone 54		AHD	Isogal84	
Station	**Latitude**	**Longitude**	**Height**	**Easting**	**Northing**	**Height**	**Gravity mgal**	**Comments**
2006.2601	33 37 06.5160 S	139 15 09.2515 E	225.59	337900.952	6278776.424	220.01	979568.409	Base 2601
2006.2699				335370	6278500	210	979571.157	Sub Base
2005.4804	33 40 11.1591 S	139 30 00.9666	116.552	360963.243	6273449.716	111.2	979594.538	Control

Point Numbering and Marking

An 8 digit point number is used to identify each gravity station. The first 4 digits indicate the line number. The second 4 digits indicate the station number

The lines are West-East and the 8 digits are constructed from the planned GDA coordinates for each gravity station using

Line No = (GDA N – 6200000) / 10) Stn No = (GDA E – 300000) / 10

eg. Planned gravity station GDA coordinates

6274800.000N 335000.000E

Line No = 7480 Station No = 3500

Ie, Pt No = 7480.3500

Station numbers have been partly expanded in the processed data to show metres, that is, the Line Numbers = GDA N – 6200000 and Station Numbers = GDA E – 300000.

The gravity stations have not been marked in the field.

Gravity Processing

The gravity values for this survey are related to the *Australian Gravity Base Station Network* using the *Isogal84 (IGSN 71)* values at known Gravity Stations as provided by *DMR*.

Note that all gravity values shown in these surveys are expressed in units of milligals.

The field gravity observations have been processed using standard formulae and constants to produce a Bouguer Anomaly for each gravity station.

The meter reading as recorded in the raw Scintrex data file is corrected for instrument tilts, meter drift and Earth Tide. Post processing corrections are detailed below.

Drift

The residual drift between base station readings is calculated for each station reading proportionately by time. This is the drift value shown in the processing output.

$$\text{Drift} = [\,(t_1 - t_n)\,((b_2 - b_1)/(t_2 - t_1))\,]$$

t_n = time of meter reading at each station
b_1 = base meter reading prior to station reading
t_1 = time of base reading b_1
b_2 = base meter reading after station reading
t_2 = time of base reading b_2

Obs mgal

This is the observed gravity value in milligals.

$$\text{Obs} = b_g + (r_n - \text{drift}) - b_1$$

b_g = base stn gravity value (Isogal84)
r_n = meter reading at each station as shown in the CG3 .dat file
drift = residual drift correction as shown above
b_1 = base meter reading prior to station reading

Anom

This is the difference between the observed gravity and the theoretical gravity value at each station. The theoretical value is calculated using the *1967 International Gravity Formula*.

$$\text{Anom} = \text{Obs} - g_{th}$$

Obs = observed gravity as explained above

g_{th} = 978031.8 (1 + 0.0053024 $\sin^2\phi$ - 0.0000059 $\sin^2 2\phi$)

ϕ = WGS84 Latitude

Freeair corrn

The freeair correction is calculated using

Freeair corrn = 0.3086 H

H = height above sea level (AHD height)

Bouguer corrn

Bouguer corrn = -0.04191 ρ H

ρ = density (2.67 g/cc used for this survey)

H = height above sea level (AHD height)

Bouguer Anom

Bouguer Anom = Anom + Freeair corrn + Bouguer corrn

Results Formats

Printed results of the gravity processing (with Bouguer corrections at density 2.67 g/cc) are included in the Appendix of this report (on the digital copy of the report on Compact Disc only, ie., not printed). The results are also supplied in digital form on Compact Disc with the following files:

ALLCSV.CSV (survey data)
REPEATS.REP (repeat observations)

A digital copy of this report is also on the Compact Disc in the root Directory.

ALLCOR.XYZ format (in digital hard copy, on Compact Disc – not printed)

This is a *GEOSOFT* compatible XYZ (space delimited columns) file. The data is sorted by Day then Line and Stn number. The column order is as follows:

/	MGA94 ZONE 54		GRID		drift	corr'd	obs	anom	freeair	bouguer	bouguer	height
/	E	N	Line	Stn		meter	mgal		corrn	corrn	anom	(AHD)
/										(2.67)		

ALLCSV.CSV Format

This is a Comma Separated Variable format file. This format facilitates data import into spreadsheet and database software. Each record (line) contains the following data fields:

Pt Number, Line No, Station No, Date, Day Number, Local Time, WGS Latitude, WGS Longitude, WGS Height, MGA94 East, MGA94 North, AHD Height, Meter reading, Meter reading standard deviation, Earth Tide Correction, drift correction, corrected meter reading, gravity difference (mgal) from base, observed gravity (mgals), gravity anomaly, free-air correction, Bouguer correction (2.67), Bouguer anomaly

*.DAT (supplied upon request)

These are the raw data files from the *Scintrex CG3* gravimeter. There is a separate file for each day's data for each field party. The files are identified by the Julian day number (001 = Jan 1st) with the prefix G. eg. G142 = day 142 (22nd May or 21st May in a leap year).

PRODUCTION LOG

Date	Day#	Obs	Repeats	Crews	Comments
12/05/2006	132	47	0	2	Base 2601 established, control
13/05/2006	133	101	4	2	
14/05/2006	134	143	4	2	
15/05/2006	135	177	4	2	
16/05/2006	136	93	3	2	Landholder visit
17/05/2006	137	124	4	2	
18/05/2006	138	208	3	2	
19/05/2006	139	73	6	2	
	Total	**966**	**28**		

Repeat Observation Results

MONGOLATA GRAVITY SURVEY

Pt #	Day	E	N	H	G	Bouguer
78003780	D132	337,795.678	6,277,998.091	215.275	979,569.160	-5.660
78003780	D133	337,795.536	6,277,998.250	215.290	979,569.153	-5.664
		+0.142	-0.159	-0.015	+0.007	+0.004
78003820	D132	338,192.474	6,278,000.014	207.419	979,571.345	-5.024
78003820	D134	338,192.240	6,277,999.844	207.427	979,571.338	-5.030
		+0.234	+0.170	-0.008	+0.007	+0.006
78003860	D132	338,597.957	6,277,998.382	204.670	979,572.089	-4.827
78003860	D134	338,597.786	6,277,998.461	204.691	979,572.073	-4.839
		+0.171	-0.079	-0.021	+0.016	+0.012
78403500	D132	335,002.814	6,278,397.944	213.727	979,571.258	-3.531
78403500	D137	335,002.711	6,278,397.989	213.734	979,571.283	-3.505
		+0.103	-0.045	-0.007	-0.025	-0.026
78403740	D132	337,400.363	6,278,403.945	216.098	979,568.207	-6.142
78403740	D133	337,400.308	6,278,404.058	216.121	979,568.215	-6.129
		+0.055	-0.113	-0.023	-0.008	-0.013
78403780	D132	337,796.992	6,278,403.553	217.772	979,569.232	-4.793
78403780	D133	337,797.154	6,278,403.513	217.753	979,569.235	-4.793
		-0.162	+0.040	+0.019	-0.003	+0.000
78803740	D132	337,400.674	6,278,801.417	208.395	979,570.082	-5.483
78803740	D133	337,400.618	6,278,801.588	208.384	979,570.069	-5.498
		+0.056	-0.171	+0.011	+0.013	+0.015
80804100	D132	341,003.156	6,280,792.562	186.903	979,573.113	-5.230
80804100	D133	341,003.230	6,280,792.538	186.903	979,573.112	-5.231
		-0.074	+0.024	+0.000	+0.001	+0.001
77603620	D133	336,201.014	6,277,602.026	213.037	979,568.037	-7.501
77603620	D139	336,200.854	6,277,601.803	213.044	979,568.032	-7.505
		+0.160	+0.223	-0.007	+0.005	+0.004
77603660	D133	336,604.809	6,277,600.658	215.750	979,567.109	-7.902
77603660	D139	336,604.929	6,277,600.674	215.755	979,567.108	-7.901
		-0.120	-0.016	-0.005	+0.001	-0.001
78803780	D133	337,797.385	6,278,808.599	218.454	979,568.578	-5.008
78803780	D134	337,797.331	6,278,808.498	218.451	979,568.579	-5.008
		+0.054	+0.101	+0.003	-0.001	+0.000
79203780	D133	337,802.183	6,279,208.006	210.150	979,570.138	-4.782
79203780	D136	337,802.377	6,279,208.081	210.149	979,570.144	-4.776
		-0.194	-0.075	+0.001	-0.006	-0.006
80804140	D133	341,402.971	6,280,804.173	187.843	979,573.486	-4.668
80804140	D134	341,402.936	6,280,804.244	187.847	979,573.473	-4.680
		+0.035	-0.071	-0.004	+0.013	+0.012
75204020	D134	340,200.196	6,275,201.715	179.396	979,577.941	-6.068
75204020	D135	340,200.260	6,275,201.800	179.388	979,577.916	-6.095
		-0.064	-0.085	+0.008	+0.025	+0.027

77604060	D134	340,599.797	6,277,601.194	187.458	979,576.902	-3.723
77604060	D135	340,599.987	6,277,601.238	187.458	979,576.890	-3.735
		-0.190	-0.044	+0.000	+0.012	+0.012
77604380	D134	343,794.734	6,277,597.919	162.800	979,579.140	-6.378
77604380	D135	343,794.890	6,277,597.681	162.906	979,579.118	-6.379
		-0.156	+0.238	-0.106	+0.022	+0.001
78804420	D134	344,198.053	6,278,790.210	162.240	979,579.029	-5.708
78804420	D135	344,197.963	6,278,790.110	162.231	979,579.041	-5.698
		+0.090	+0.100	+0.009	-0.012	-0.010
75204180	D135	341,799.664	6,275,198.589	166.720	979,581.111	-5.414
75204180	D136	341,799.605	6,275,198.605	166.720	979,581.148	-5.377
		+0.059	-0.016	+0.000	-0.037	-0.037
76804740	D135	347,394.061	6,276,795.894	148.550	979,573.018	-15.949
76804740	D137	347,394.023	6,276,795.924	148.533	979,573.012	-15.958
		+0.038	-0.030	+0.017	+0.006	+0.009
81203780	D136	337,798.055	6,281,201.511	198.822	979,571.461	-4.190
81203780	D139	337,798.127	6,281,201.560	198.827	979,571.442	-4.208
		-0.072	-0.049	-0.005	+0.019	+0.018
80403700	D136	337,000.242	6,280,399.337	201.642	979,572.288	-3.400
80403700	D137	337,000.244	6,280,399.180	201.630	979,572.275	-3.416
		-0.002	+0.157	+0.012	+0.013	+0.016
80803740	D136	337,393.553	6,280,798.677	198.266	979,572.322	-3.735
80803740	D137	337,393.567	6,280,798.702	198.250	979,572.309	-3.752
		-0.014	-0.025	+0.016	+0.013	+0.017
81604460	D137	344,591.184	6,281,600.288	165.100	979,579.936	-2.133
81604460	D138	344,591.158	6,281,600.277	165.138	979,579.882	-2.179
		+0.026	+0.011	-0.038	+0.054	+0.046
82003900	D137	339,001.158	6,282,001.138	193.568	979,569.724	-6.375
82003900	D138	339,001.156	6,282,001.242	193.570	979,569.727	-6.371
		+0.002	-0.104	-0.002	-0.003	-0.004
84404140	D137	341,397.192	6,284,401.205	188.410	979,570.547	-4.795
84404140	D138	341,397.205	6,284,401.333	188.399	979,570.522	-4.822
		-0.013	-0.128	+0.011	+0.025	+0.027
84404180	D137	341,793.480	6,284,405.501	183.858	979,572.945	-3.294
84404180	D139	341,793.461	6,284,405.631	183.852	979,572.930	-3.310
		+0.019	-0.130	+0.006	+0.015	+0.016
84804180	D137	341,805.255	6,284,797.524	185.342	979,571.895	-3.758
84804180	D139	341,805.235	6,284,797.574	185.326	979,571.869	-3.787
		+0.020	-0.050	+0.016	+0.026	+0.029
81603900	D138	339,000.744	6,281,602.309	192.781	979,569.196	-7.357
81603900	D139	339,000.755	6,281,602.447	192.773	979,569.207	-7.348
		-0.011	-0.138	+0.008	-0.011	-0.009

Bouguer – Elevation Profiles

Please refer to the folder titled 'Bouguer – Elevation Profiles' on the accompanying CD for bit map images of all the lines completed throughout the project.

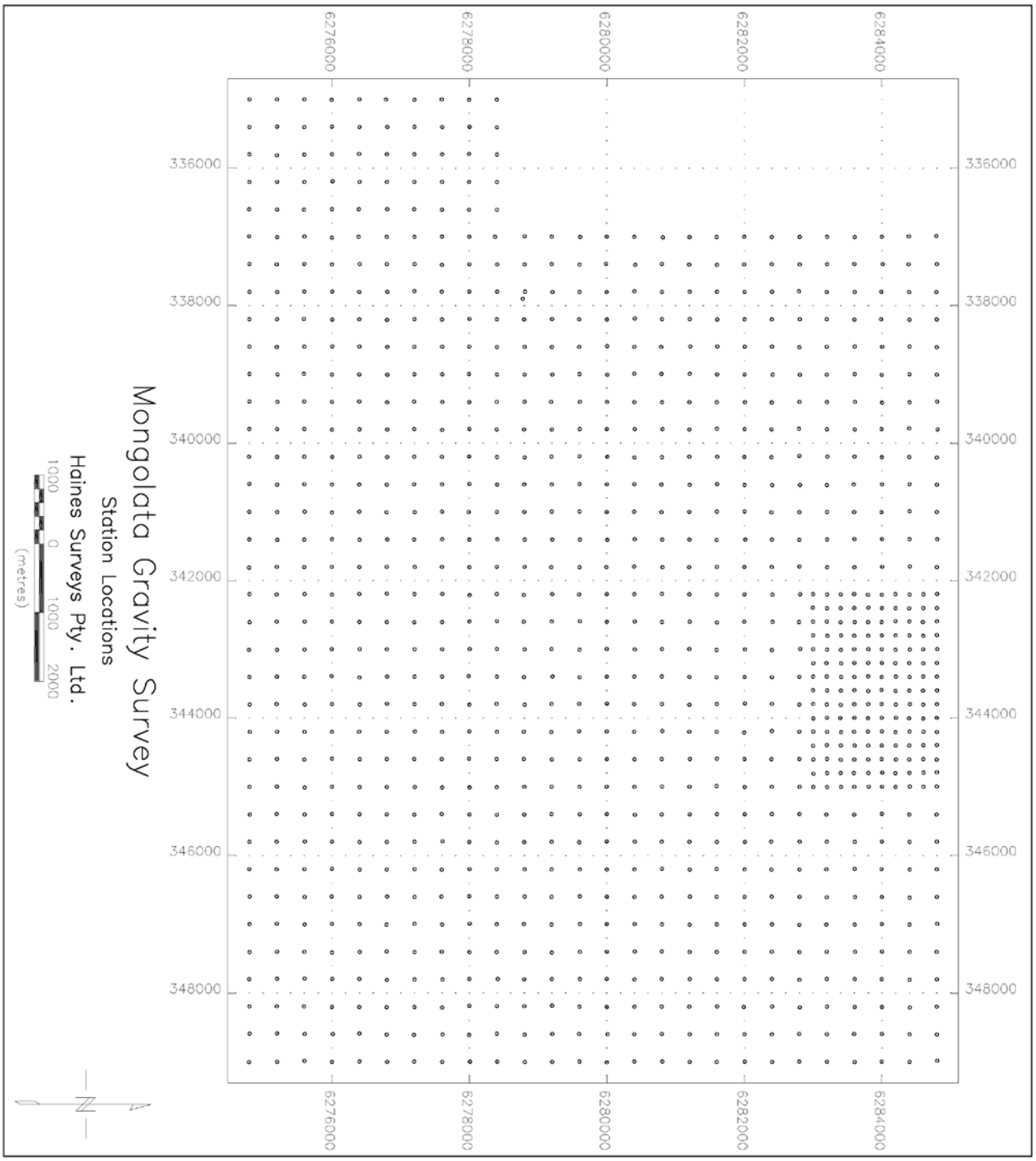
Mongolata Gravity Survey, Bouguer – Elevation Profiles available for the following lines:

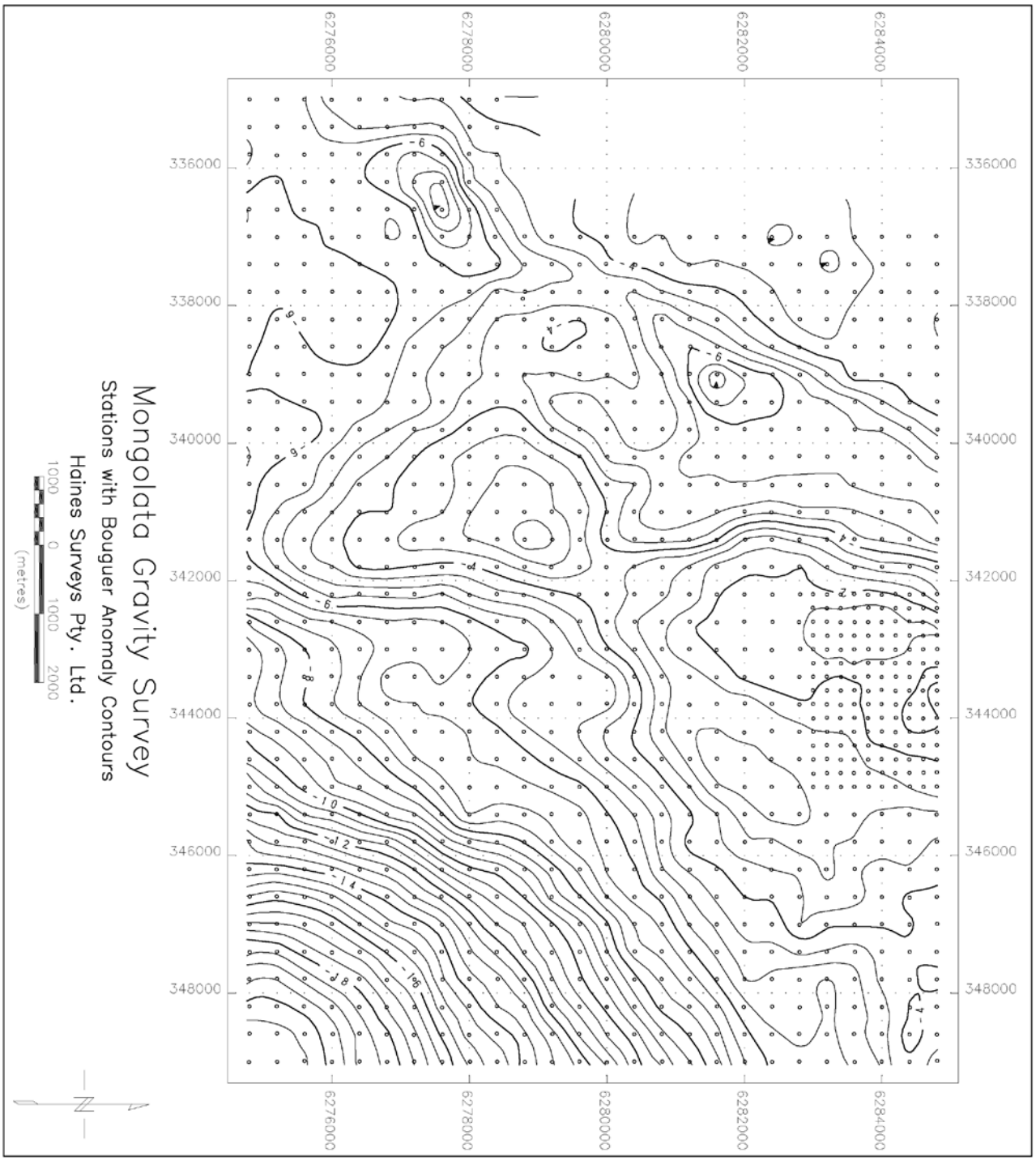
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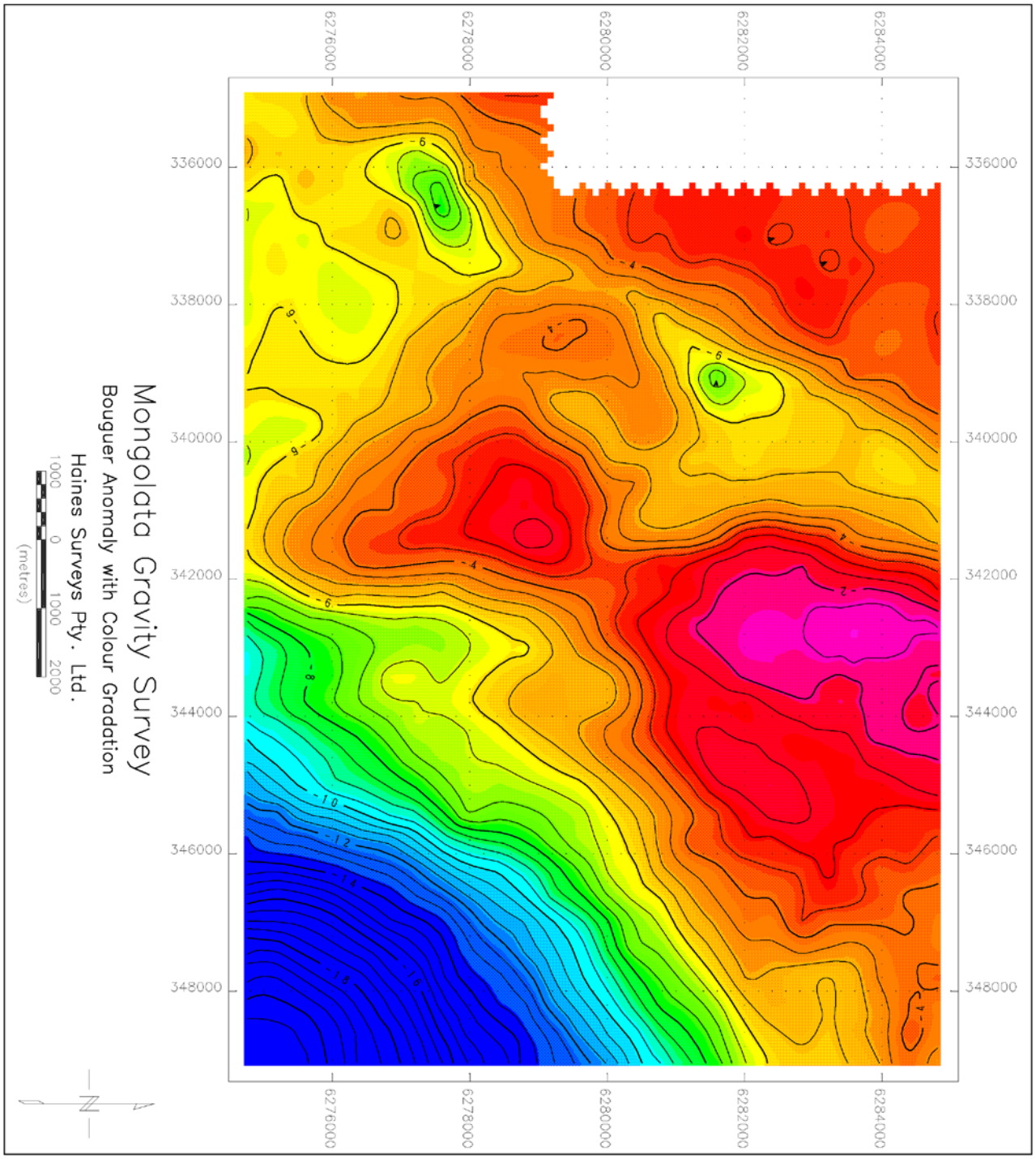
Plots

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Processed Results **19**


Mongolata Gravity Survey
Station Locations
Haines Surveys Pty. Ltd.
1000 0 1000 2000
(metres)
N
6276000
6278000
6280000
6282000
6284000
336000
338000
340000
342000
344000
346000
348000


Mongolata Gravity Survey
Stations with Bouguer Anomaly Contours
Haines Surveys Pty. Ltd.
1000 0 1000 2000
(metres)
6276000
6278000
6280000
6282000
6284000
336000
338000
340000
342000
344000
346000
348000
-6
-8
-10
-12
-14
-16
-18


Mongolata Gravity Survey
Bouguer Anomaly with Colour Gradation
Haines Surveys Pty. Ltd.
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(metres)
6276000
6278000
6280000
6282000
6284000
336000
338000
340000
342000
344000
346000
348000

PROCESSED RESULTS

MONGOLATA GRAVITY SURVEY

/	COORDS		GRID		drift	corr'd	obs	anom	freeair	bouguer	bouguer	height
/	E	N	x	y	meter	mgal		corrn	corrn	anom	(AHD)	
/								(2.67)				
/D132												
/	337901.0	6278776.4	0	2601	+0.000	3439.895	979568.409	-48.173	67.894	-24.619	-4.897	220.008
	337901.0	6278776.4	0	2601	+0.003	3439.895	979568.409	-48.173	67.894	-24.619	-4.897	220.008
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	338192.5	6278000.0	7800	3820	-0.034	3442.828	979571.345	-45.823	64.010	-23.210	-5.024	207.419
	338598.0	6277998.4	7800	3860	-0.033	3443.572	979572.089	-45.086	63.161	-22.903	-4.827	204.670
	338995.2	6277992.2	7800	3900	-0.032	3445.086	979573.603	-43.582	61.211	-22.195	-4.566	198.351
	339402.8	6277997.0	7800	3940	-0.032	3446.469	979574.986	-42.200	59.472	-21.565	-4.293	192.717
	339793.4	6278000.9	7800	3980	-0.031	3447.420	979575.937	-41.251	58.741	-21.300	-3.810	190.348
	340194.3	6277995.8	7800	4020	-0.030	3447.863	979576.380	-40.817	58.686	-21.280	-3.411	190.168
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  344203.5 6284798.4  8480   4420 -0.048 3884.489 979575.788 -36.350 53.922 -19.552 -1.981 174.731
```

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EXPLORATION LICENCE 3164 'Mongolata'

ANNUAL TECHNICAL REPORT

For the period 13 February 2007 to 12 February 2008

Phoenix Copper Limited
Adelaide

March 2008

1:250,000 mapsheet	Burra SI 54-5
1:100,000 mapsheet	Florieton 6730

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1 PACE Drilling Report CD

SUMMARY

EL 3164 "Mongolata" was granted to Bonanza Gold Pty Ltd in Feb 2004. The tenement was vended into the float of Marathon Resources Limited who assumed management of the tenement upon listing in March 2005.

Marathon undertook a search for commercial porphyry copper-gold mineralisation on the licence throughout 2005, 2006 and again in this period 2007 with a six-hole Reverse-Circulation (RC) drill program designed to test a trend between anomalous base metals in the soils and previously identified magnetic and gravitational anomalism.

The central portion of the tenement was relinquished in 2006 leaving a western and an eastern portion. The eastern portion was subsequently joint ventured out to Australian Field Services Pty Ltd (AFS) in October 2007.

On the 9th November 2007 Marathon sold the entire tenement to Phoenix Copper who have subsequently became the project's manager. The sale was conditional on the issue of 750,000 shares and 750,000 options on completion and on agreement to a 2.5% net smelter return on minerals derived from the tenements acquired.

Phoenix subsequently listed on the 12th February 2008 and will undertake exploration in its own right on the western portion in the coming year.

Phoenix also assumed Marathon's interest in the eastern portion where AFS continue to operate and report to the Mines Department separately.

1. INTRODUCTION

Marathon Resources Limited continued exploration on the Mongolata licence within the Nackara Arc of Adelaidean Geosyncline.

EL 3164 is located some 15 kilometres east of Burra. It covers an area of 377 square kilometres of generally flat to hilly pastoral country with good ground access. It is well- placed logistically, with bitumen roads along the western boundary and fully formed gravel roads throughout the tenement.

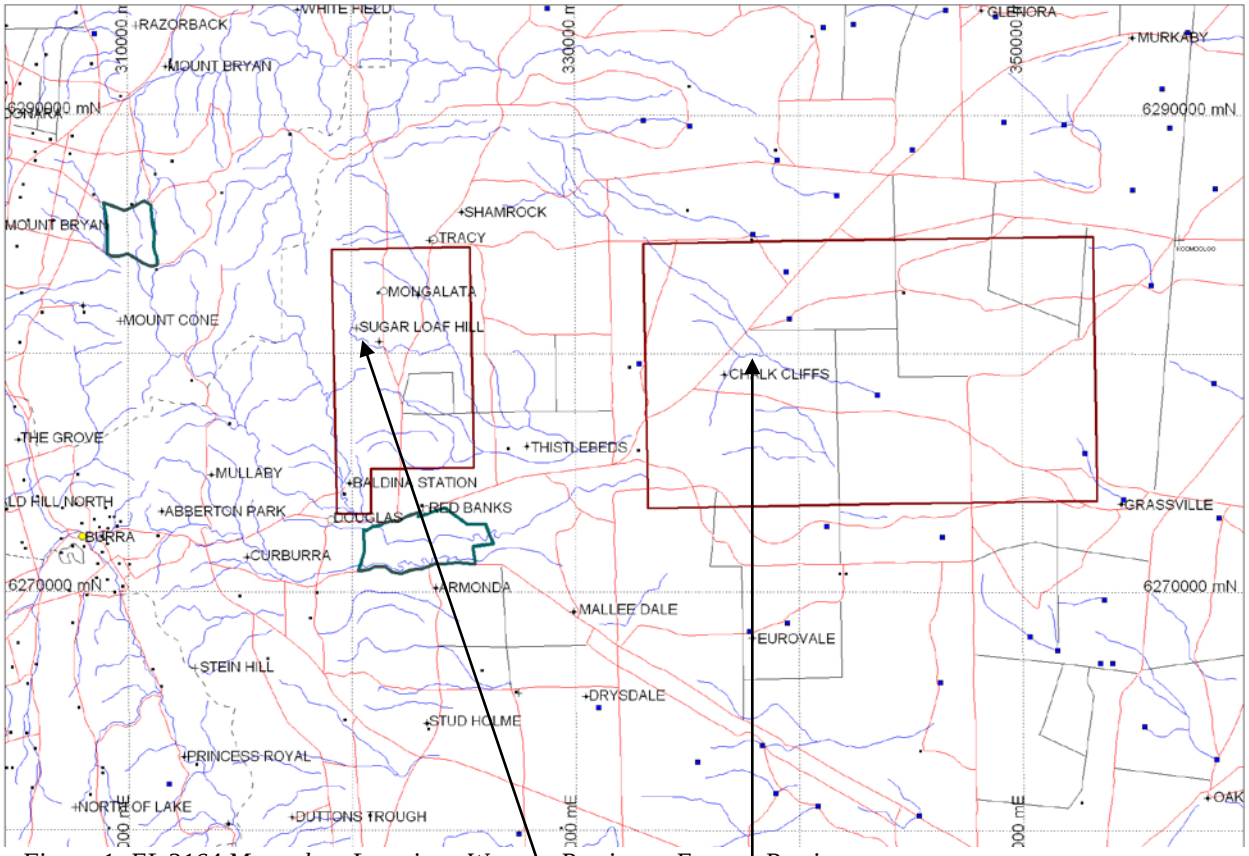


Figure 1: EL 3164 Mongolata Location. Western Portion Eastern Portion

Exploration in the area has focused on the search for large porphyry copper-gold deposits.

Marathon completed a six-hole RC drill program designed to test a trend between anomalous base metals in the soils and previously identified magnetic and gravitational anomalism.

2. TENURE

EL 3164 "Mongolata" was granted to Bonanza Gold Pty Ltd effective from 13th February 2004. Marathon became manager of the project on listing in March 2005 when Bonanza became a wholly owned subsidiary.

On 9th February 2006 a transfer of 100% interest in the tenement from Bonanza to Marathon was approved by PIRSA. Marathon was the manager of the project.

On 8th October 2007 a joint venture was entered into over part of the tenement with Australian Field Services Pty Ltd prior to Marathon selling the tenement to Phoenix Copper on the 9th November 2007 who subsequently became the project's manager.

2.1 Joint Venture with Australian Field Services Pty Ltd

By letter dated 8 October 2007, Marathon Resources entered into a joint venture with AFS in respect of the Eastern Portion of EL 3164 (Joint Venture).

Under the terms of the Joint Venture, AFS will earn a 90% interest in the Joint Venture by spending $180,000 within three years, of which $60,000 must be spent within the first year.

Marathon Resources will have a 10% free carried interest up to any decision to mine made in respect of the Eastern Portion of EL 3164 following a feasibility study.

Marathon Resources will have the option of buying back a 65% interest in the Joint Venture by reimbursing AFS three times its Joint Venture expenditure from commencement of the Joint Venture to such time as AFS has spent $180,000.

AFS will be the manager of the Joint Venture and will be responsible for the design and execution of exploration programs while it is the sole contributor to Joint Venture expenditure and thereafter if and for so long as its Joint Venture interest is 51% or more.

Each party has the right to withdraw from the Joint Venture but AFS may only exercise it's right to withdraw after spending a minimum of $60,000 on Joint Venture expenditure in the first 12 months.

By a Deed of Assignment, Assumption and Variation dated 9 November 2007 between Phoenix Copper, Marathon Resources and AFS (DAAV), **Marathon Resources assigned all of its right, title and interest in the Joint Venture to Phoenix Copper**, to take effect from the date of completion of the sale and purchase under the MRTAA (Assignment Date).

AFS has consented to the assignment to Phoenix Copper and has irrevocably waived any pre-emptive rights it may have had under the Joint Venture.

Under the DAAV, Phoenix Copper has granted an option to AFS to purchase Phoenix Copper's right, title and interest in the Joint Venture upon payment of $60,000. This option may be exercised by AFS during the period 6 months from the Admission Date until 5.00pm on the later of 15 January 2009 and the first anniversary of the Admission Date.

Phoenix Copper has agreed to the deletion of the option to buy back a 65% interest in the Joint Venture.

3. NATIVE TITLE

The Mongolata area is not subject to Native Title claims at this stage

4. GEOLOGY

4.1 Geology

The Mongolata property is located east of Burra and stretches from the hills formed by the Adelaidean Umberatana Group sediments out onto the flats of marginal Murray Basin sediments.

4.2. Physiography

The topography is very gently undulating and open, vegetation is dominantly salt bush and blue bush.

4.3 Regolith

While the calcrete is widely present throughout area, it is often concealed under a layer of sand, thick enough to prevent it from being reachable with basic digging tools. When outcropping, the calcrete appears submassive, with bedding variably distinctive. When buried underground it then evolves into nodular/colloform shapes toward the surface, before turning into pisolitic form. Independent pisoliths decrease in size closer to the surface.

Even where the massive calcrete is not outcropping through the sand, some floating fragments and pisoliths can frequently be found on the surface. When these fragments and pisoliths could be clearly identified (rabbit holes, tree roots) as not having been transported from another place.

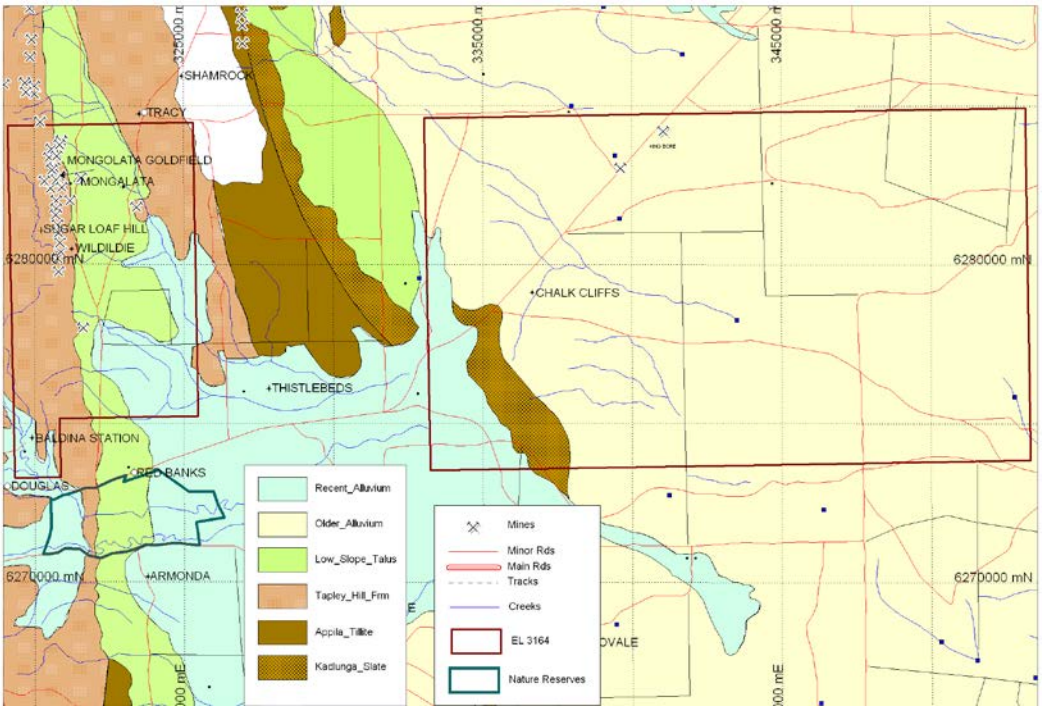


Figure 2: EL 3164 Geology.

5. WORK COMPLETED

5.1 Marathon PACE Drilling

Last year Marathon completed a widespread soil and calcrete program which provided a base geochemical dataset to analyze. From this information Marathon identified a trend between anomalous base metals in the soils and previously identified magnetic and gravitational anomalism. This provided the impetus for a recently completed a six-hole RC drill program designed to test this trend at depth.

In December 2007 Marathon applied for and was granted funding to the level of $80,000 to carry out the drilling under the PACE Initiative – a drilling collaboration between PIRSA and the Industry.

In March/April of 2007, Marathon Resources completed a 6 hole, 2206m RC drill program to test a combined base metal soil and geophysical anomaly identified across its Mongolata tenement (EL3164). The results from the drilling conclusively tested the basement below and adjacent to the anomalous trend with no economically significant mineralisation identified in the results.

Chemical anomalism within the calcite portion of the drill cuttings maintained a similar mobile element enrichment to that recognized in the initial soil data. Therefore, erosion, transportation and accumulation of mineralized material along (weakly evident) paleodrainage pathways rather that insitu leaching may explain the trend.

If the chemical anomalism is related to the basement gravitational and magnetic anomalism then the source must still be relatively proximal to the existing drill holes. See Appendix 1 for full PACE report.

5.2 Phoenix Copper

Phoenix Copper floated on the Australian Stock Exchange on the 12th February 2008 and will undertake exploration on the western portion of EL3164 in their own rite in the coming year.

Australian Field Services will undertake exploration on the Eastern portion of the tenement and a combined Annual report will be presented for the year Feb 13th 2008 to Feb 12th 2009.

5.3 Australian Field Services

AFS undertook geophysical surveying, and auger drilling to the value of $53,280. This has been reported separately to the department.

6. EXPENDITURE

EL3164	Marathon		Phoenix	AFS	Total
Activity	**02/07-07/07**	**08/07-02/08**	**08/07-02/08**	**08/07-02/08**	**02/07-02/08**
Salaries	4,519	1,939		3,890	6,458
Wages	31,249	1,676			32,925
Food & Accommodation	26,169	-		301.70	26,169
Drilling	479,401	80,000		11,521.92	559,401
Assays	31,807	-			31,807
Rehabilitation	4,897	-			4,897
Vehicles	13,058	1,936		1173.40	14,994
Field Supplies	4,984	-		136.49	4,984
Equipment Hire	246	-		1765.66	246
Contractors-Earthmoving	32,093	-			32,093
Contractors - Geology	5,860	-		4,500	5,860
Consultants - Geology	17,270	-	6006	113.75	23,276
Consultants - Tenement	396	234			630
Geophysical Survey REPTEM				23,100	
Tenement Maintenance	1,182	72	2059		3,313
Freight	40	-			40
Travel	791	-		463.29	791
Fuel				605.96	
Administration O/heads	98,094	10,507	968	5708.66	109,569
		-			-
Total	752,056	96,364	9,033	53,280.83	910,783.83

Total Expenditure for Licence $1,199,645

APPENDIX 1

PACE funded Drilling March 2007 Program

On attached CD

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EXPLORATION LICENCE 3164 – 'MONGALATA'

Final Drilling Report: PACE funded March 2007 Drilling Program

Tenement:	EL 3164 Mongolata	Author:	A.Younger / J.Clarry
Tenement Holder:	Marathon Resources Limit	Date:	May 2007

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   - Archived Project Correspondence
   - All other Digital Data

1. SUMMARY

In March/April of 2007, Marathon Resources completed a 6 hole, 2206m RC drill program to test a combined base metal soil and geophysical anomaly identified across its Mongalata tenement (EL3164). The results from the drilling conclusively tested the basement below and adjacent to the anomalous trend with no economically significant mineralization identified in the results.

Chemical anomalism within the calcite portion of the drill cuttings maintained a similar mobile element enrichment to that recognized in the initial soil data. Therefore, erosion, transportation and accumulation of mineralized material along (weakly evident) paleodrainage pathways rather that insitu leaching may explain the trend.

If the chemical anomalism is related to the basement gravitational and magnetic anomalism then the source must still be relatively proximal to the existing drill holes.

2. INTRODUCTION

Marathon Resources have actively explored Mongalata-EL3164 (Fig.1) since acquiring the tenement in February 2004. Last year Marathon completed a widespread soil and calcrete program which provided a base geochemical dataset to analyze. From this information Marathon identified a trend between anomalous base metals in the soils and previously identified magnetic and gravitational anomalism. This provided the impetus for a recently completed a six-hole Reverse-Circulation (RC) drill program designed to test this trend at depth. The following document reports on this program.

2.1 Location and Geological Setting

Approximately 20km east of the Burra, South Australia (Fig. 1), the Mongalata Tenement (EL3164) covers 377km^2 of ground comprising poorly consolidated sediments of the Murray Basin underlain by Adelaidean Proterozoic basement sediments (Fig. 2).



Figure 1. Location of EL3164.

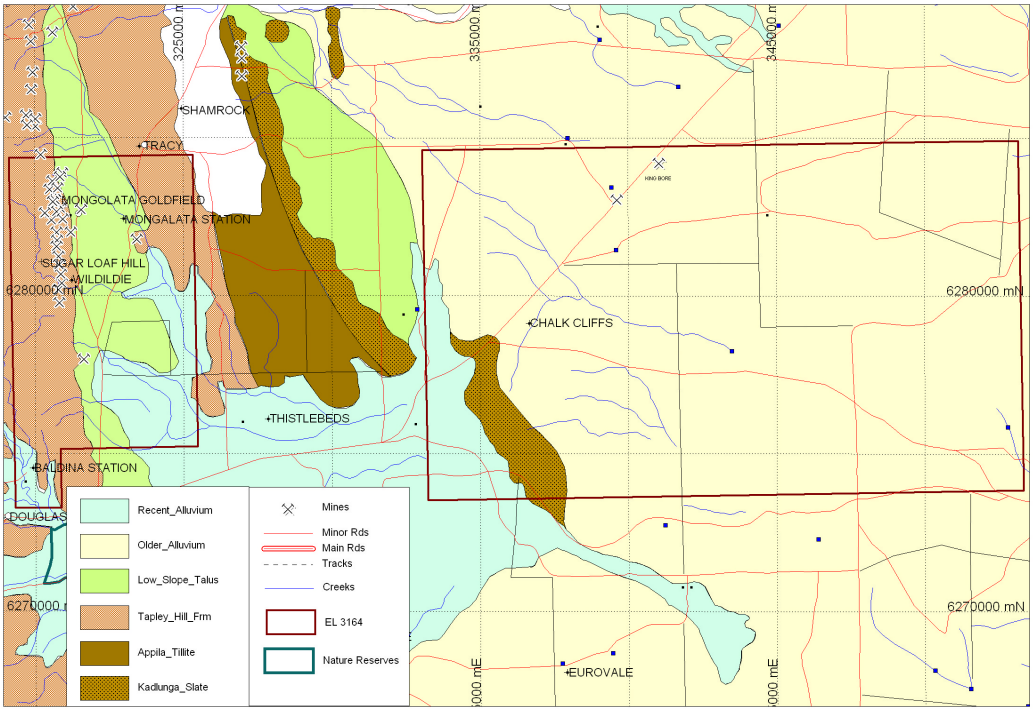


Figure 2. Tenement boundary and geological mapping over Mongalata EL3164

2.2 Exploration Concept

Visible on the regional aeromagnetic surveys are two notable features –

1. The prominent Cambrian/Ordovician White Dam Granitic Intrusion towards the eastern flank of the tenement and

2. The broad, arcuate flexure in the Adelaidean basement known as the Nackara Arc.

Both these features have been the focus of exploration efforts in the past.

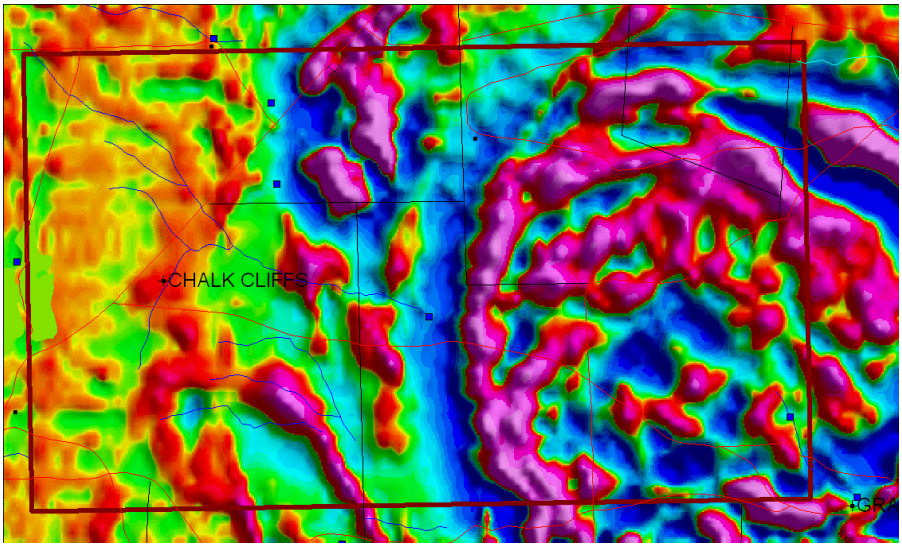


Figure 3. Residual magnetic data over the Mongalata tenement

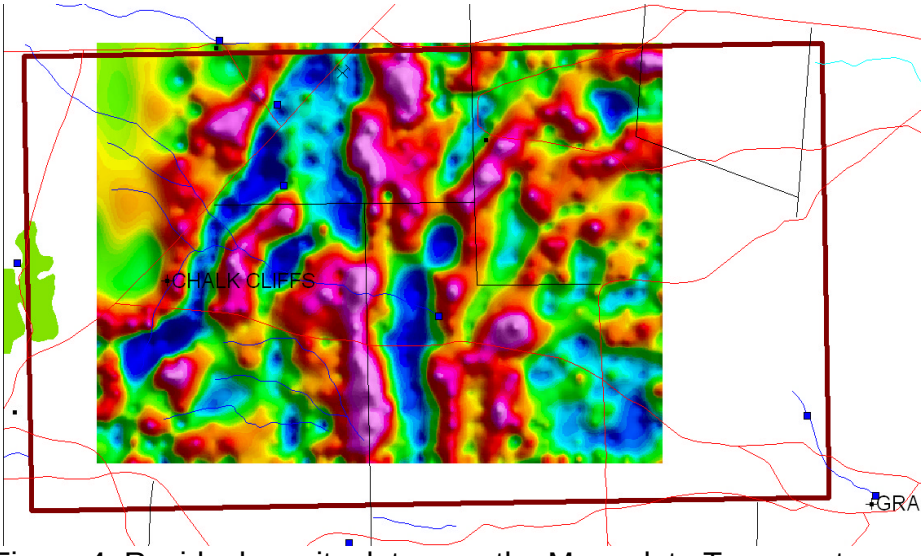


Figure 4. Residual gravity data over the Mongalata Tenement.

Marathons concept is to target the Mongalata area for Intrusion Related Gold (IRG) mineralization derived from the White Dam Granitoid, (Fig. 3) circular structure on eastern side of tenement. This could include greisen or skarn replacement type mineralization in surrounding suitable host rocks or potentially favorable dilatational zones for mineralization which may have been generated by structural disruptions prior to or during emplacement of the White Dam intrusive during the Delamerian (Cambrian-Ordovician) orogeny.

Little is known of the Adelaidean basement in the area of disruption, as indicated by the gravity signatures adjacent to the White dam intrusive (Fig 4). Previous drilling further to the west of the proposed drilling intersected calc-silicates units indicating active skarn development relating to the White Dam Intrusive.
To the northeast, within the Olary 1:250,000 mapsheet, syngenetic Au has been recorded associated with the Braemar Iron Formation and may be either structurally controlled or associated with alteration adjacent Delamerian granites. The Au mineralization at the historic Mongalata Goldfields may in part be indicative of the distal mineralization zoning which can be associated with IRG systems.

The results from previous drilling in the area have shown that the overlying Murray Basin sediments are 20-50m thick. The stable conditions which have assisted in the development of the significant calcrete within the Murray Basin sequence throughout the area would have facilitated the hydromorphic dispersion of other elements the profile.

2.3 Mining and Exploration History

The only previous mining in the area is located in the far western flank where the tenement encompasses a small mining lease, held by a third-party, covering the historical Mongalata goldfields. The goldfields were predominantly exploited between 1930 and 1954 during which time over 11,000 ounces* were recorded to have been extracted from around 8000 tonnes of ore (~45g/t). The gold was contained in a stockwork of narrow quartz and ironstone veins within Adelaidean quartzite and slate

hosts. It has been reported that gold was found during the sinking of Kings Well but follow up work has not been about to validate this claim.

Systematic exploration in the area has been undertaken by a number of parties, predominantly from the early seventies onwards. Mesa (PIRSA) and CRAE being the most active participants. A summary of exploration history, as compiled by Marathon, is attached (Appendix 1).

2.4 Project Personnel

Allan Younger, Chief Geologist, Marathon. Allan was responsible for creating the drill project, allocating the major contracts, corporate reporting, budgeting and general management of the project.
Joe Clarry, Field Geologist, BM Geological Services. Responsible for daily project management, data collection and entry, quality control implementation, logistics, contractor supervision and end of project field reporting.
Jonathon Williams, Field Coordinator, Responsible for Pirsa reporting and logistical support.
John Reid Earthworks, Site preparation and rehabilitation earthworks.
VM Drilling, Drilling Contractor.

* Source: www.burrahistory.info

3. PROJECT DATA

3.1 Drilling Summary

Reverse-Circulation Percussion (RC) was the drilling method chosen for the project and the contract was not put out to tender. VM Drilling Limited (VM) was employed to complete the drilling based on their availability and working relationship built up with Marathon at its Mt Gee operations.

3.1.1 Planned Drilling Vs Actual

The initial designs comprised 6 reverse circulation drill holes (Table 1, Fig 5.), however drilling complications and changing geological circumstances meant some of the holes were finished short of design and two were re-collared.

Hole Id	mE	mN	mRL	dip	Azimuth	Length
Mo01	344100	6283900	175	-60	360	375
Mo02	344100	6283800	175	-60	360	375
Mo03	344100	6284175	175	-60	180	375
Mo04	343000	6284350	175	-60	360	375
Mo05	343000	6284200	175	-60	360	375
Mo06	344400	6283750	175	-60	360	375

Table 1. Planned Drilling for Mongalata March RC Program

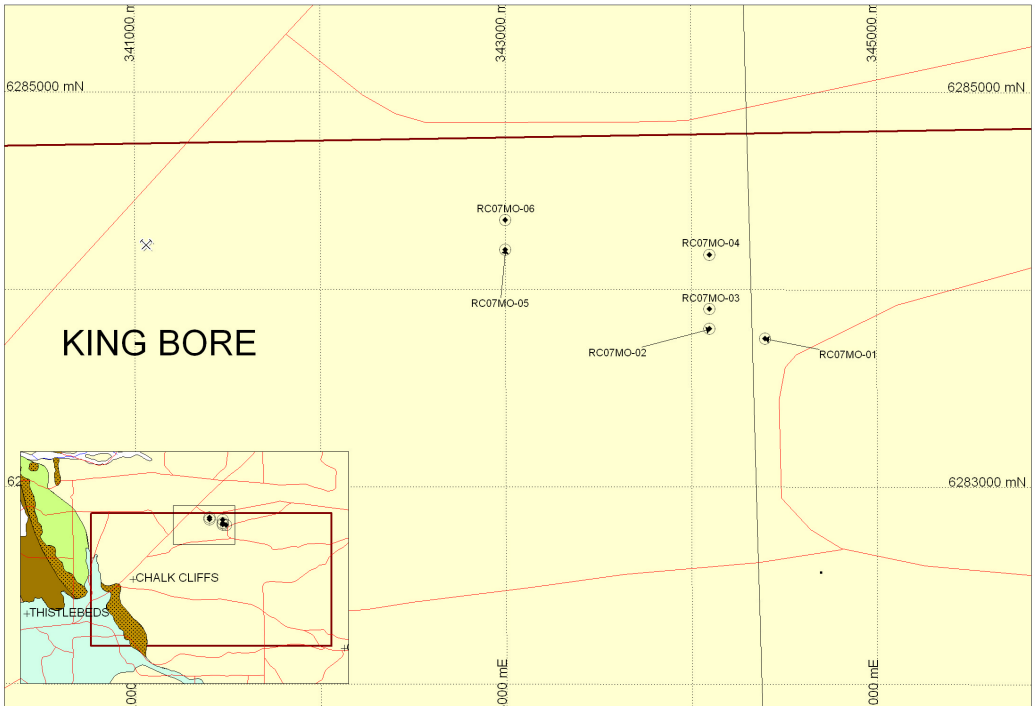


Figure 5. Drill Hole Collar Locations

Drill Site	Hole No.	mE	mN	mRL	Datum	Loc_Method	Accuracy
MO-06	RC07MO-01	344400	6283750	175	GDA 94	Hand-Held GPS	+/- 5m for E and N, +/- for RL
MO-02	RC07MO-02	344100	6283800	172	GDA 94	Hand-Held GPS	+/- 5m for E and N, +/- for RL
MO-01	RC07MO-03	344100	6283900	173	GDA 94	Hand-Held GPS	+/- 5m for E and N, +/- for RL
MO-01	RC07MO-03R	344100	6283880	175	GDA 94	Hand-Held GPS	+/- 5m for E and N, +/- for RL
MO-03	RC07MO-04	344100	6284175	174	GDA 94	Hand-Held GPS	+/- 5m for E and N, +/- for RL
MO-05	RC07MO-05	343000	6284200	175	GDA 94	Hand-Held GPS	+/- 5m for E and N, +/- for RL
MO-04	RC07MO-06	343000	6284350	175	GDA 94	Hand-Held GPS	+/- 5m for E and N, +/- for RL
MO-04	RC07MO-06R	343000	6284340	175	GDA 94	Hand-Held GPS	+/- 5m for E and N, +/- for RL

Table 2. Final drill collar location information

3.1.2 Drilling Contractor Information

VM utilized a track-mounted Ingersoll-Rand DM45 RC rig with booster, auxiliary compressor, support truck and Toyota Landcruiser utility. Working dayshift only on a 4 week on/2 week off roster, they completed 2206 metres in 29 shifts (not incl. demob/mob) at an average drilling rate of 76m per shift. A breakdown of the time allocations is shown in Table 3 and Figure 6.

Activity	Hours
Travel to Site	26.5
Pre-Start Checks	5.5
Drilling Time	153
Collaring	50.25
Conditioning the Hole	13
EOH Rod Pull	14.75
Packing and moving site	5.75
Bogged rods/fishing	22.5
Standby	0
Work time	36.5
Tramming	1.25
Inspections	1
Repairs	17.25
Mobilization	44.5
- Arkaroola to Burra	7
- Cleaning Down Rig and Demob to Burra	13.5
- Burra to Kalgoorlie	24

Table 3. Drilling breakdown in actual hours.

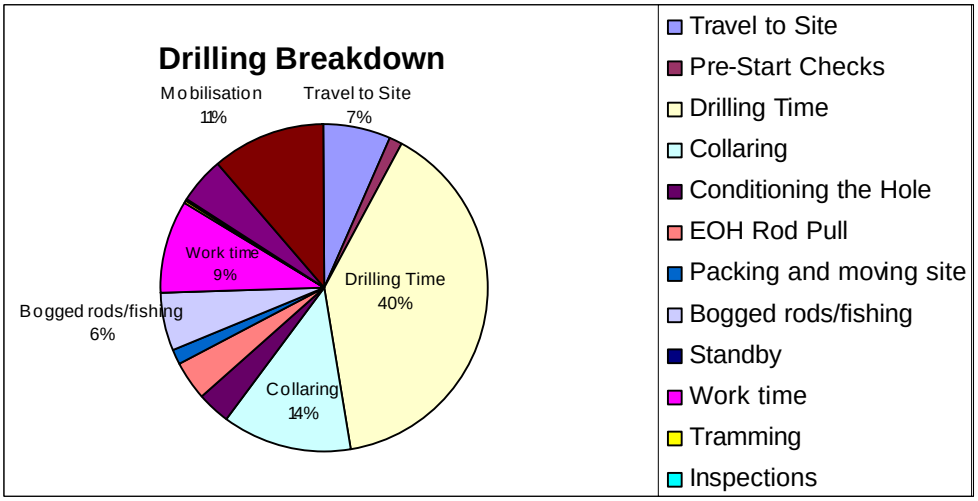


Figure 6. Drilling breakdown as a pie graph

3.1.3 Drilling and Ground Conditions

The drilling conditions were at times difficult with the follow points causing significant delays (Table 4):

- Unconsolidated gravels and alluvium in some holes caused rods and casing to become stuck, especially where the water table saturated these horizons. Two sites were abandoned and re-collared (RC07MO-03 and RC07MO-06) because the gravels were not cased-off prior to intercepting the water table.

- High water flows in Holes RC07MO-05 and RC07MO-03R made penetration difficult at depth.
- Water flows were highly variable and occasionally very high. Thus an excavator was on standby to dig containment sumps as required, occasionally delaying progress.

Site Code	Hole ID	Dip	Azimuth	Depth	Finish	Casing	Comments
MO-06	RC07MO-01	-60	360	240m	29/03/2007	6m	Abandoned - excessive caving
MO-02	RC07MO-02	-60	360	336m	3/04/2007	65m	Water return unset casing
MO-01	RC07MO-03	-60	360	150m	10/04/2007	0m	Abandoned - excessive caving
MO-01	RC07MO-03R	-60	360	400m	13/04/2007	56m	Water return unset casing (at depth)
MO-03	RC07MO-04	-60	360	354m	17/04/2007	72m	
MO-05	RC07MO-05	-60	360	300m	20/04/2007	60m	Finished early - huge flows
MO-04	RC07MO-06	-60	180	54m	22/04/2007	54m	Abandoned - damaged casing & excessive caving
MO-04	RC07MO-06R	-60	360	372m	25/04/2007	54m	
	Totals			**2206m**			

Table 4. Drilling Summary for Mongalata March 2007 RC Program

3.2 Geology

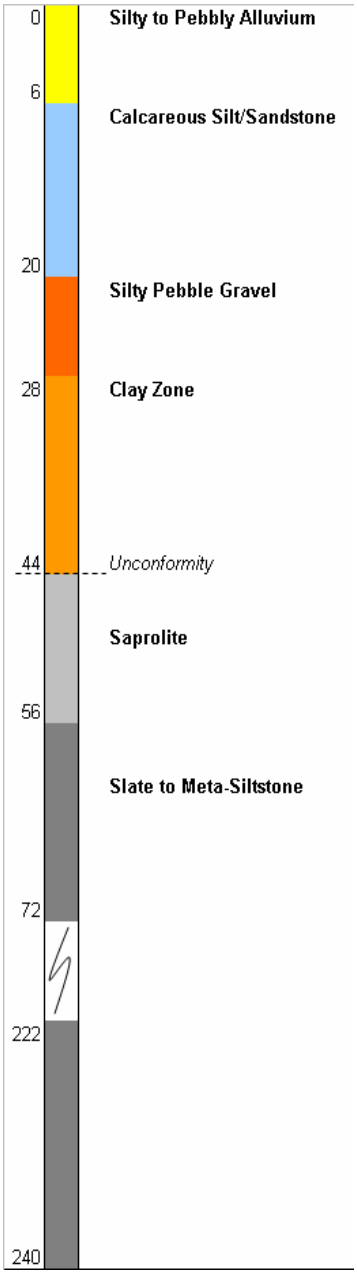
All geological data including logging intervals, sampling and assay results have been uploaded into the Mongalata drill hole database. A copy of all project data files is attached to this report as is a copy of the pre-drilling database.

3.2.1 Lithology

The stratigraphy intercepted in all holes was simple and consistent. Table 5 below is a simplified stratigraphic section of the Hole RC07MO-01, including a descriptive summary of each lithological unit. This hole, being the eastern most, was the closest to the White Dam Intrusive and visually reflected this proximity in terms of appearing thermally metamorphosed. This appearance weakened in the drill holes further away from the intrusion.

3.2.2 Veining

Quartz and Quartz-Carbonate veins with weak sulphide associations are scattered throughout the basement Adelaidean stratigraphy. Pyrite is the dominant sulphide with lesser pyrhotite and rare chalcopyrite.



Alluvium: Silty to Clayey and often poorly sorted, orange-brown, poorly consolidated calcareous, especially in the first metre where calcrete nodules are common. Pebble grains are commonly Quartz or Ironstone with occasion non-ferruginous siltstone and other sedimentary and weakly meta-sedimentary fragments. Grains are generally moderately rounded to well rounded.
Calcareous Silt/Sandstone: Cuttings comprise poorly sorted calcic sandstone fragments. Thus this horizon could either be a (monolithic) detrital unit proximal to source or actual insitu calcification of elsewhere poorly consolidated silts and sands. The later seems more likely.

Silty Pebble Gravel: Silty to sandy, poorly sorted, variably white-orange-red-brown, unconsolidated quartz and ironstone rich gravels. Ironstone takes the form of rounded accretionary grains - tending to pisolitic in part. Rare meta-sedimentary fragments of schist and quartzite exist. The ironstone is often magnetic (Maghmite). Very minor carbonate is contained in the matrix.
The gravels are likely paleochannel, fan or other type high energy/poorly sorted type deposits from erosion and weathering of past Q and Fe rich exposures. Important to note that these gravels cave severely when wet and can cause drill rods to bog if they are not cased-off quickly.
Clay Zone: possibly from insitu deep weathering of Adelaidean sedimentary units or from Murray Basin sedimentary processes. Occasional rounded fragments (mostly of quartz) could be remnant veining which has resisted breakdown or could just be evidence that the clays are sedimentary in origin (more likely).

Saprolite: Mix of lithologies related to the breakdown of Adelaidean basement rocks. Include saprolites, basal monolithic arkoses and possible laterite.

Slate/Meta-Siltstone: Broadly homogonous, grey to dark grey slates, often grading to meta-siltstones. Sand-sized and occasionally wispy to elongate detrital grains quite common. Weak foliation is sometimes visible as is a seemingly poorly developed slaty cleavage.

Very hard to scratch and seemingly indurated. Resembles basalt in part - possibly the affect of thermal alteration from the White Dam Intrusion.

Disseminated and joint-coating sulphides (Py +/- Po) are found throughout but rarely in quantities above accessory status. Very rare coarse, singular, well-rounded quartz pebbles fused in the matrix.

A graphitic component exists in the some of the cuttings in the holes further to the west (RC07MO-05 and 06 mainly) and may be an indication that the litho-unit has changed or that the affects of thermal alteration are decreasing.

Quartz and quartz-carbonate veining with weak sulphide associations occur occasionally. When present these veins range from less than 1% up to 55% of the two metre sample interval indicating that vein widths may reach one metre. Although widespread, the veining is not a defining feature of the unit.

Table 5. Stratigraphic section and geological description of drillhole RC07MO-01.

3.3 Mineralization and Geochemistry

No economic mineralization was intercepted and, apart from elevated concentrations of mobile elements in the calcrete (Table 7), only weak sulphide mineralization and slight geochemical anomalism is worthy of note. This includes:

- Disseminated and joint-coating sulphides (Py +/- Po) are pervasive throughout the Adelaidean stratigraphy but only as accessory minerals. Sulphide levels reach as high as two percent in some samples.
- Chalcopyrite occurrences are rare and only in found in trace amounts, mostly in quartz-carbonate veining. Cu peaks at 239ppm and occasionally reaches 100-200ppm amongst a medium background of about 30ppm. Copper peaks seem to be associated with Sulphur increases and thus are a (probable) reflection of the weak chalcopyrite mineralization.
- Maghemite/Magnetite rich ironstone pebbles are common in the Murray Basin gravels totaling as much as 20% of some samples.
- Carbonate content is distinctly higher in the Murray Basin sediments than in the Adelaidean rocks.
- Uranium values reach 24ppm within the calcrete but only 5-6ppm in the rocks below this accumulation. This pattern is evident in a number of the more mobile elements.

Taking the first few metres out of the dataset (i.e. the influence of the calcrete) it becomes difficult to see any meaningful anomalism in the mobile elements, or for that matter – any elements.

Heavy Mineral Sand (HMS) endowments of the greater Murray Basin were not seen here, evidenced by the lack of Zr, Ti, Cr, REE and other HMS elements (Table 6), along with an absence of beach sand/strand plain type deposits with which these accumulations are usually associated.

Table 6 summarizes geochemical statistics of selected heavy mineral sands elements from the Murray Basin samples in the dataset (excluding samples affected by accumulation in calcrete from 0-4m).

Table 7 shows geochemical statistics including maximums, minimums and means for all the samples assayed.

	Ce	La	P	Th	Ti	U	Zr
	ppm	ppm	ppm	ppm	%	ppm	ppm
n	79.00	79.00	79.00	79.00	79.00	79.00	79.00
Average	56.38	26.76	125.19	8.31	0.02	1.30	15.05
Median	**55.50**	**25.80**	**110.00**	**8.00**	**0.02**	**0.91**	**14.20**
Harmonic Mean	52.05	24.86	109.36	7.95	0.02	0.95	14.63
Min	29.70	12.60	70.00	3.80	0.01	0.46	10.70
Max	**98.40**	**49.30**	**310.00**	**13.60**	**0.04**	**5.42**	**22.30**
SD	15.68	7.59	57.33	1.73	0.00	0.95	2.66
25%tile	44.30	20.60	90.00	7.10	0.02	0.74	13.25
75%tile	67.10	30.95	130.00	9.70	0.02	1.52	16.90

Table 6 Geochemical statistics of selected heavy mineral sands elements.

	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce
	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
n	615	792	1001	994	180	1001	1001	1001	1001	899	1001
Average	0.004	0.02	3.30	7.04	22.11	225.93	1.09	0.27	2.63	0.04	46.37
Median	0.002	0.01	3.41	5.50	10.00	230.00	1.01	0.24	2.05	0.03	44.90
Harmonic Mean	0.001	0.01	2.79	2.73	13.78	159.15	0.97	0.19	0.79	0.02	36.76
Min	0.001	0.01	0.28	0.10	10.00	40.00	0.39	0.03	0.02	0.01	10.45
Max	0.795	0.95	5.83	74.90	120.00	1040.00	4.40	1.45	13.45	0.47	254.00
SD	0.032	0.04	0.99	6.25	21.71	122.80	0.44	0.16	2.14	0.03	22.15
25%tile	0.001	0.01	2.80	3.30	10.00	110.00	0.82	0.16	1.17	0.02	29.70
75%tile	0.002	0.02	3.90	9.20	30.00	310.00	1.24	0.34	3.63	0.05	58.10

	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K
	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
n	1001	1001	1001	1001	1001	1001	993	1001	299	1001	1001
Average	17.41	49.99	5.32	35.50	4.16	11.26	0.16	0.99	0.03	0.04	1.42
Median	17.30	53.00	5.68	30.20	4.26	11.20	0.14	1.04	0.01	0.04	1.45
Harmonic Mean	14.61	45.08	3.64	26.67	3.99	9.64	0.13	0.88	0.01	0.04	0.98
Min	1.80	11.00	0.25	3.00	1.52	1.23	0.05	0.16	0.01	0.01	0.12
Max	81.40	92.00	20.60	239.00	7.72	20.50	0.44	2.07	0.24	0.14	2.77
SD	6.35	13.44	2.18	22.41	0.81	3.52	0.07	0.28	0.03	0.02	0.61
25%tile	13.50	41.00	4.35	22.50	3.59	9.33	0.11	0.78	0.01	0.03	0.99
75%tile	20.60	59.00	6.82	42.20	4.71	13.70	0.19	1.20	0.03	0.05	1.92

	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
n	1001	1001	1001	1001	1001	997	468	1001	1001	1001	1001
Average	22.72	34.54	3.13	622.79	1.09	0.10	0.12	30.83	585.45	2.96	87.41
Median	21.80	35.80	3.18	529.00	0.83	0.07	0.09	30.60	630.00	1.30	90.00
Harmonic Mean	17.92	24.11	1.35	358.19	0.81	0.05	0.09	26.29	366.26	1.26	63.77
Min	4.70	2.70	0.10	16.00	0.24	0.01	0.05	4.70	30.00	0.50	6.70
Max	115.50	71.90	7.22	5550.00	12.00	0.42	0.44	68.20	1330.00	37.60	175.50
SD	11.31	14.20	1.61	423.04	0.93	0.08	0.08	10.24	226.45	4.38	35.70
25%tile	14.50	25.90	1.96	366.00	0.63	0.04	0.06	24.10	490.00	0.90	63.00
75%tile	28.20	44.80	4.29	797.00	1.23	0.15	0.17	38.10	740.00	2.20	116.50

	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
n	429	960	1000	1001	1001	1001	1001	160	1001	1001	1001
Average	0.00	0.31	0.20	9.76	0.80	1.44	73.80	0.01	0.03	11.62	0.15
Median	0.00	0.15	0.16	9.30	0.60	1.30	53.50	0.01	0.02	12.40	0.16
Harmonic Mean	0.00	0.05	0.15	8.45	0.63	0.97	44.31	0.01	0.02	10.06	0.07
Min	0.00	0.01	0.05	1.90	0.20	0.20	10.70	0.01	0.01	3.00	0.01
Max	0.01	2.52	1.32	19.20	12.10	4.20	1230.00	0.02	0.40	22.30	0.31
SD	0.00	0.39	0.16	3.50	0.72	0.84	70.71	0.00	0.03	3.91	0.08
25%tile	0.00	0.05	0.12	7.30	0.50	0.70	33.60	0.01	0.02	7.80	0.09
75%tile	0.00	0.43	0.23	12.00	0.80	2.10	86.10	0.01	0.03	14.80	0.21

Table 7 Geochemical Statistics

Table 7 – cont'd

	Tl	U	V	W	Y	Zn	Zr	Pass75um
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
n	1001	1001	1001	996	1001	1001	1001	31
Average	0.39	1.47	70.98	0.39	11.50	28.42	28.10	94.61
Median	0.40	1.32	72.00	0.23	11.00	28.00	29.20	96.00
Harmonic Mean	0.29	1.15	63.59	0.18	10.09	21.51	25.56	94.46
Min	0.02	0.39	17.00	0.05	0.94	4.00	6.60	85.00
Max	0.84	24.30	138.00	25.60	48.10	95.00	47.10	99.00
SD	0.15	1.12	20.73	1.00	4.10	12.81	6.90	3.71
25%tile	0.28	0.87	56.00	0.12	9.21	19.00	25.20	93.50
75%tile	0.51	1.83	87.00	0.41	13.05	36.00	32.50	97.00

Table 7 Geochemical Statistics

3.4 Logging and Sampling Techniques

All RC cuttings were processed using practices adopted at Mt Gee for Uranium mineralization. Radiation monitors were not required or worn.

3.4.1 Logging

The geological logging is attached as appendix 4. All holes have been geologically logged based on two metre intervals and the data has been entered into the drilling database (Digital copy contained within the CD attachment, Appendix 6)

3.4.2 Sampling

One metre and two metre calico composites were retained from the bulk RC samples and the two metre composites were analyzed over the entire length of each hole. Initially archived, all one metre samples were discarded once the two metre composite assay results were received and checked. A total of 1001 samples (All two metre composites) were assayed from the drill program.

3.5 Petrology

Initially, the nature of the cuttings from RC07MO-01 suggested a degree of thermal alteration and unidentified small, dark siliceous grains disseminated throughout the matrix warranted further investigation. A suite of these cuttings were collected and sent to Pontifex and Associates Ltd (Pontifex) for thin section description. Pontifex reported that the cuttings were coarser than visually estimated and that the unidentified grains were actually detrital sedimentary clasts (Appendix 3).

3.6 Assay Results and Analytical Methods

ALS Adelaide was used for sample preparation and ALS Perth for analysis. Two metre composite splits were analyzed for a multi-element suite using 0.5g sample with an aqua-regia digest and mass-spectrometry finish (MEMS41). A second method was also employed, for Au only, using the same technique but with a larger 25g sample (Au-TL43), thus providing two results for Au (Appendix 5).

3.7 Hydrogeology

The water table depths range between 42 and 80m throughout the drill area, however some moisture did exist in the poorly consolidated sediments above these levels. Strong flows were present in a number of the holes, particularly in RC07MO-03R and RC07MO-06R (Table 8).



Photo 1. Measures taken to contain groundwater.

Water samples from RC07MO-01 were collected from flows at 90m and 200m and sent to AWQC for a comprehensive quality analysis (Appendix 2). Results indicate that the water is appropriate for stocking purposes but both are too high in iron and too saline for human consumption.

Hole_ID	Max_Depth	Water Table	Comments	Flow Test 1	Flow Test 2
RC07MO-01	240m	67m	No significant flows	Not Measured	Not Measured
RC07MO-02	336m	70m	High flows from 90m.	100l min at 240m	N/A
RC07MO-03	150m	60m		Not Measured	Not Measured
RC07MO-03R	400m	60m		160l min at 400m	
RC07MO-04	354m	80m		70l/min at 100m	No but approx. to Flow test 1.
RC07MO-05	300m	55m	High Flows from 132m	350-400l/min at 132m	Not taken but approx 350-400l/min
RC07MO-06	54m	42m		Not Measured	Not Measured
RC07MO-06R	372m	66m		40l/min from 102m	No

Table 8. Hydrogeological Data Summary

4. Site Rehabilitation

The drill area is flat to weakly undulating. Saltbush and Bluebush are the dominant vegetation types. Vegetation cover is thin and disruption to this cover creates bulldust very quickly. Therefore, all sites and activities were planned to minimize visual and environmental impacts on the drought-prone landscape.

Measures taken include:

1 – The use of cones to highlight tracks and minimize the creation of bull dust
2 – The use of oil absorbent drop sheets to collect spillages from the rig
3 – The containment of any ground water intercepted into sumps
4 – The dumping of all rubbish to town facilities
5 – The backfilling of all sumps when dry and harrowing of completed sites
6 –The spreading of vegetation matter over harrowed sites to help facilitate regrowth and rehabilitation.
7 – The backfilling of boreholes to ground level with drill cuttings
8 – The cutting of the PVC casing to ground level and final capping



Photo 2. Oil Spill Prevention



Photo 3. Site Preparation



Photo 4. Backfilled Hole

5. Discussion of Results

At approximately 40m in thickness, the depth of the Murray Basin cover was as expected. The mostly unconsolidated, poorly sorted sediments suggest periodic deposition in a medium to high-energy environment. Broad basal clay zones may represent (paleo) deep weathering of the Adelaidean basement and common maghemite-quartz rich pebble horizons suggest that at times a sub-aerial environment existed where erosion of past lateritic soils or gossan/ironstone exposures occurred.

In relation to the Adelaidean basement, continuity, thickness and composition of the sediments indicates that drilling probably pierced the Saddleworth Formation (or equivalent) within the Upper Burra Group.

Carbonaceous muds and silts, visible in the drill results, have been described within the Saddleworth formation elsewhere in the broader region. As well, logging of rare quartz pebbles/cobbles coincides with mapping of very rare quartz and lithic pebbles to the south near Mintaro. These pebbles have been interpreted as possible dropstones from ice-rafting (pp 181, Bulletin 54, The geology of S.A. Vol1, MESA).

The drilling failed to locate mineralization of economic significance. Weakly anomalous copper values occasionally evident in the Adelaidean sediments tend to coincide with sulphur increases in the geochemistry and are probably related to weak chalcopyrite mineralization within quartz and quartz-carbonate veining. Albeit noteworthy, this amount of chalcopyrite is not uncommon in secondary veining, especially within weakly sulphidic sediments of such age, and alone, hardly warrant follow-up.

Thus, the lack of results from the drilling means that the calcrete/soil anomalism cannot be explained by leaching from an immediate basement source. Perhaps paleodrainage pathways, weakly evident in the lay of the land, are to explain the source or reason for such anomalism?

Water table heights, quantity of water flows and the depths of the flows were highly variable in each drillhole. This was surprising given the proximity of the drillhole collars to each other. Natural porosity and permeability of the slates/silts is very low. Flows are probably associated with late fractured zones. If not, then water must be held in bedding planes spaces and joints which would mean that folding or at least a variable dip in the bedding must exist to account for such variation in depths and volumes of water flow.

6. Conclusions

The drilling program adequately tested the basement stratigraphy adjacent to and below the soils anomaly. Aside from repeated anomalous results due to the influence of calcrete, no economic or geologically significant Au or base metal assays were identified in the results.

As well, the quantity and type of veining and sulphide mineralization intercepted in the drilling was typical of such stratigraphy and does not, at least alone, warrant excitement or follow-up.

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The lack of results from the drilling means that the calcrete/soil anomalism cannot be explained by leaching from a local basement source.

One alterative source of the calcrete anomalism could be that erosion, transportation and accumulation of mineralized material occurred along paleodrainage pathways. However, if the source is to remain related to the basement gravitational and magnetic anomalism, then it must remain relatively proximal to the existing drill holes.

7. Recommendations

- If drilling has failed to locate the source of the anomaly because transportation in paleodrainage has slightly offset the geochemistry from the magnetic/gravitational centre (of the coincidental anomaly) then down hole electromagnetic (DHEM) may be of use. The DHEM logging of one drillhole on each of the lines should test a radius of a couple to a few hundred metres for significant conductive bodies at depth. DHEM would conclusively test the magnetic/gravitational/geochemical anomaly, providing it's a substantial conductive body.

- Ground EM over a greater area would test whether any notable conductive body existed both in the proximity of the drillholes and of more regional targets in the tenement. This might include circumnavigating the edge of the intrusive contact or going over major lineations or basement features.

-Detailed Structure Analysis – taking into account lithology of basement to understand basement structure at time of deposition and whether these structures are 1- still recognizable today; 2- have had potential for reactivation in the past.

Geological Codes

Rock Qualifier	
	Consolidated
U	Unconsolidated e.g. - gravels, loose alluvium
P	Poorly Consolidated - friable zones, clay zones, saprolitic material
C	Fresh Rocks with good ground conditions
	HCl Rct
N	No reaction to HCl
W	Weak reaction - either some, minor carbonate veining or trace carbonate within matrix
M	Moderate reaction - common carbonate veining, abundance of less reaction carbonated such as siderite/dolomite
S	Strong Reaction - calcretes, calcic-sediments and other rocks with strong carbonate matrix etc
VS	Highly calcic rocks, calcretes, limestones, calcite veins,
	Texture Comments
	Generally comments relating to textural features of rocks which do not have codes e.g.: sorting, rounding, fabrics,
	Vein Type
CV	Carbonate vein
QC	Quartz Carbonate vein
QV	Quartz vein
PV	Pegmatite vein
SV	Sulphide vein
	Percent
1-100	percentage of veining within the rock interval logged
	Accessory Mineral
	List of minerals whose presence is noted but is less than 1% (trace)
	Alteration
Cl	Chlorite
Hm	Hematite
Se	Sericitic
Cb	Carbonate
Si	Siliceous
K	Potassic
Fe	Ferruginous
Ox	Oxidised
Cy	Clay (illite, montmorillonite etc)
Tc	Talc
Sp	Serpentinised

APPENDIX 1

PREVIOUS EXPLORATION SUMMARY

APPENDIX 1 SUMMARY OF EXPLORATION HISTORY

ENV. NO.	COMPANY	E.L.	DATE
8773	Placer	1834	

Searched for magnetic source of gold mineralisation found by Dampier at King's Well (Env 3207). Reprocessed aeromagnetics over target area. Read ground magnetics at King's Well, Duffer's Dam and Baker's Grids; anomaly on each. No drilling. -20# geochemistry for Au by IC2 gave a max. of 4.8ppb.

8059	Peragrin Resources	1512	1989

Part of extensive Murray Basin Heavy Minerals search. Drilled two holes in Touralie EL (WT 16, WT 17). *See p 46-49 for drill logs* No Parylia Formation.

6754	Newmont	1343/1416

BLEG sampling (1 kg @ 16#) for Mongolata-style gold mineralisation covered parts of the south-western portion of EL. Orientation sampling down stream from Mongolata Mine showed 4.73, 10.7, 4.52, 8.43, 0.62 ppb Au at 0.5 km; 0.23 ppb at 3.5 km. Values of 0.90, 0.96, 0.98, 1.24, 1.31, 1.93 ppb on EL. Two new gold occurrences 5km (BLEG 2.25ppb) and 3 km (BLEG 2.40ppb) west of EL in quartz-siderite-chlorite veins in close proximity to Cox Sandstone.

Follow-up of stream-sediment gold anomaly resulted in chip sample assay of 0.82 ppm gold in narrow sandstone unit.

6460	Western Mining Corp.	1306	1985

Reprocessed CRAE Aeromagnetics. BHP's "carbonatite rock" at King's Well assayed for gold (28g/t & 49g/t & 6.4ppm Ag) found to be sedimentary or skarn, rather than carbonatite, using isotope studies. Other minerals present in the rock sample taken from the spoils at the Well included pyrrhotite, pyrite, goethite & minor arsenopyrite in quartz veins (p32). WMC drill holes FLORC 1 & 2 near the Well intersected altered dolomitic metasediments(logs & assays p9-19) which contained a maximum of 80ppb Au. FLORC 2 intersected chloritic marble to 20m; carbonate quartzite (Cox?) to 94m, including 58-63m containing 7,1,6,5,3 ppb Au; then chlorite-carbonate-dolomite-quartzite.

FLORC 3 -36260980N, 362330E(p39) -4-6269770N364580E (p40) were drilled for coal. No gold was assayed in hole 3, whereas assays were BDL for basement in hole 4.

5967	CSR	1259

91 Stream sediment samples of 5 kg dry weight; 77 x 100grms HMC located 3 gold anomalies outside the EL to the west (188197 1.6g/t; 198 1.05g/t; 7899 1g/t).

3957	CRAE	1037/1033/664	1979-83?

An extensive aeromagnetic survey formed the basis of an exploration programme looking for coal in the western Murray Basin. *No coal was discovered in the EL.* Magnetic targets were also investigated for base metals and gold.

Drill hole 82FN10RM1, in the central southern part of the EL, intersected probable Cainozoic ironstone gravels overlying Proterozoic mudstone and siltstone, both units with gold assays of up to 110ppb, and arsenic to 42 ppm.

The positions and geological summary of other CRAE drill holes around the EL are noted on the Exploration History plan.

4095 CRAE 1097/745 1981-83

Gold in paleoochannels was sought east from the Mongolata Goldmine to the south-west of the EL in Quarternary, Cainozoic and Tertiary sediments. Gravity data near Mongolata Mine used to indicate channels. 81MBR25(outside EL), 5.5km from the mine, intersected 20ppb Au in the cover units and 10ppb in Proterozoic siltstone. 81MBR26, 5.5 further east, cut Proterozoic shales with up to 195ppb Au, but gave only below limit of detection (5ppb) on reassay. Drill hole 81MBR 44, 3.5km further east, intersected surficial sediments with gold values of 40, 35, 30 and 20ppb and up to 0.25% Zn.

4539 Aberfoyle 927 1982

Detailed follow-up of aeromagnetic anomalies (CRAE survey) in search for Copper-Gold-Molybdenum deposit asssociated with the Bendigo Granite in the North of the EL. Seven anomalies (A-G) covered with ground magnetic surveys, 457 RAB drill holes. Geological mapping and sampling of the EL which covers only the northern third of the EL.

A pit just north of anomaly F contained silicified rocks with tourmaline, assaying 2.85 ppm Au, 2.4% Cu and 250 ppm Mo. 17 RAB holes drilled on 3 lines 500 m long and 100m apart over the anomalous pit (p136f)-but no gold assays were undertaken as the Cu and Mo was not anomalous.

68 Cu-Mo anomalies assayed for Au-which are shown on map-(p74-85 and p115 -logs p147-155) No assays coincide with the trace of the Cox Formation.
Rock chip Au assays p95,98,101 Au in ppm on map. No sample at MESA

BHP K301-17 km NE from Hogback Station-Petrology: veins, tourmaline, silicified, albitised-carbonate altered brecciated diorite-<0.05ppm Au (Plan KET 13: p159-163)

3848 CRAE 611

Seven diamond drill holes (81 MOD 1-7) into Cox Sandstone at the Byles and Golden Harp Mines, near the Mongolata Mine, west of the EL. No significant gold discovered.

Also tested for alluvial gold in Tertiary sub-basin (81 MOR 9 & 81 MOP 10) with no encouraging results.

3903 Dampier 517

Kimberlite exploration.

Drill hole K301 in the Kia Ora area intersected tremolite marble with albite alteration. Logs p8-14, petrology p23 NB No gold assays (see Env 4539)

Logs for K226-233 p25-94

3207 Dampier

A surface sample of talc-chlorite-carbonate-magnetite taken at King's Well by Nick Lemon, thought to be a possible carbonatite.

Dampier carried out IP and TMI surveys centred at King's Well and drilled three holes in close proximity. K1 & K2 intersected talc-chlorite-carbonate, with traces of chalcopyrite, pyrite and magnetite; K3 intersected magnetic diorite. Holes were drilled nearby based on IP and magnetic anomalies: K4 intersected silicified, chloritic carbonate; K5, in a magnetic anomaly, intersected grey-white quartzite (?Cox) containing 3ppm Ag (p159); K6 intersected black slate (Tapleys Hill Formation?). Note that the Cox Sandstone at Waukaringa Goldfield is associated with black slate.

Petrology on samples from K1 identified deformed dolomite-calcite-talc-chlorite with two feldspars, biotite and veins of tourmaline, pyrite and chalcopyrite, and undeformed diorite indicating metasomatically altered rock.

Carbon and oxygen isotope studies indicate that the source of the carbonate is not carbonatitic but marine in origin.

NB. Re gold assays:K1-K6 assayed for CoNICuZnAgPb-no Au
K1-K3 assayed for LaCeZnBaSrNb
K7 assayed for CuPbZnCoNiAu (57.0-57.15m cored)

3591 Dampier 479

Kimberlite exploration. RAB holes B Series-Assays for CuPbZnNi. No gold assays. Many with quartzite mentioned. Can't find detailed logs for 7f, 213f, p14

3893 Dampier 479

Kimberlite exploration. RAB holes B Series-Assays for CuPbZnNi. No gold assays. Many with quartzite mentioned. Check logs for B249-54(copied)
Calcrete present in each drill hole at 0-2m

2165 MESA 12
1973

Drilling in the south-east of the EL at South Dam and Kia Ora. Assays for Cu,Zn and Mo with no anomalism. No Gold assays. Other holes(SR 3,4,5,6) intersected granite.

1164 Anglo-Stockdale SML301/573 1969

Some HM sampling in northwest EL assayed for AgCoCuNiPbZnAsBiCrMo

RB93/26 MESA
1992

An extensive reverse circulation drilling programme was intended to give impetus to exploration of the Bendigo Granite and environs for mineralisation. Three areas of anomalism were discovered.
CRN 31 was drilled on a magnetic peak and intersected boxworks in quartz veins in Proterozoic carbonaceous siltstone in the north of the EL. They gave an assay of 10ppb Au over 12m. Similar altered rocks were encountered in CRN 32, 500 m north, but with only 2ppb Au.

CRN 16 and 18, 3.5 km south intersected carbonaceous siltstone with quartz veins and sulphides and assays up to 18m @ 13ppb Au and 16m @ 17ppb Au associated with 66ppm As, 115 Co and 6ppm Mo.

In the central east of the EL, about 4km from the contact with the Bendigo Granite, a cluster of drill holes within one km, CRN 80, 81, 106, 107, intersected a centre of alteration. Intense quartz veining, brecciated dolomite and carbonate-chlorite-quartz-talc were intersected in association with siltstone and quartzite (Cox Sandstone?). Anomalous gold was detected in each of these holes, up to 22m at 10ppb in CRN 107 with 0.44% Mn.

8km northeast from here, outside the EL, associated with granite and calc-silicate CRN 102 & 103 assayed 6m @ 6ppb and 4m @ 8ppb Au, with 920ppm Ce, 8 Uppm and 25ppm W.

West of Bendigo Homestead, just north of the EL, CRN 59, 60, 61, 83 intersected up to 34 ppb Au in alteration associated with the Granite.

RB 93/41 MESA

Shows stratigraphic distribution of gold deposits in the Adelaidean.

RB 73/31 MESA 1972

Logs of SR 1-3 and KR 1-3 (See also RB 73/164)

RB 71/129

Bendigo CuMo Prospect. BH6 and BH7 (498.5-506.5 feet Pale green and white Dolomite-sericite-pyrite veins with molybdenite-506.5-510.5 feet. Quartz-sericite-goethite veins) (30m @ 0.18% Cu; 1m @ 660ppm Mo)

RB 72/33

Soil sampling south of King's Well at Chalk Cliffs-not assayed for gold

RB 72/106 and 201

Resistivity and IP and electrical depth soundings

RB 72/131

Drilling, KR 1-3, of anomalies from RB 72/106/201

APPENDIX 2

PETROGRAPHIC REPORTS

MINERALOGICAL REPORT No. 9066

by Ian R. Pontifex MSc.

April 24th, 2007

TO :	Allan Younger Marathon Resources Ltd 235 Port Road HINDMARSH SA 5007
YOUR REFERENCE :	Purchase Order No. 007/1332
MATERIAL :	One RC chip sample from Mongalata Drilling.
IDENTIFICATION :	Sample No. RC07 M001, 192,168,204,162,164
WORK REQUESTED :	Section preparation, description and report.
SAMPLES & SECTIONS :	Returned to you with this report.
DIGITAL COPY :	E-mailed to Marathon: 4/5/07 <ayounger@marathonresources.com.au>

PONTIFEX & ASSOCIATES PTY. LTD.

PETROGRAPHIC/MINERAGRAPHIC DESCRIPTION

RC007, MOO1 **Five different chips representing basically the same (fine) diamictitic sedimentary facies. Massive low grade metamorphosed, with weakly schistose muscovite-biotite throughout a fine matrix. Coarser grains and scattered small clasts of dolomite and/or quartz with trace fine pyrite>chalcopyrite.**

The sample submitted consists of five chips, size about 15mm x 25mm, and given the numbers on the container of 192,168,204,162,164, are presumed to represent those five depths in this drill hole. Four of these (largest) chips were mounted in a block and prepared as a polished thin section (25mm x 75mm) to allow petrographic and mineragraphic optical microscope examination. The composition of each chip indicates that they all represent essentially the same lithology, i.e. a relatively fine grained diamictitic sediment and they are therefore described collectively as follows.

Variably 35% to 50 volume % of each chip consists of a very fine matrix of intricately mixed subequal biotite and muscovite (sericite), together with subordinate diffuse quartz and/or feldspar with poorly defined individual grain size in the range of silt to fine sand. The micas are variably micro-decussate to weakly schistose, with threads of ultrafine dark carbonaceous material along the foliations. The schistose micas are regarded as 'normal' low-grade regionally metamorphic, but the more decussate micas, particularly biotite may indicate a (minor) metasomatic genetic component.

The other approximate 50% to 65 volume % consists of discrete detrital grains which are weakly bedded to random throughout the matrix. At least half of these grains are angular to subrounded (but some rounded) quartz grains ranging from fine sand size (0.12mm) to medium sand size (0.25mm). The other grains largely represent coarse sand (0.5mm) and are mostly rounded quartz grains. A small proportion of grit to granule size grains measure 1mm to rarely 3mm, and one clast to 6mm, and these tend to be derived lithics, siltstone, carbonate (dolomite rarely with chloritoid), also fine sandstone with chert.

The detrital grains are poorly unsorted, are supported by the fine matrix thus indicating a diamictic sediment, albeit somewhat better sorted and with smaller and lesser distinct clasts than normally applied to this rock classification. It is however conceivably a relatively distal variant of a fluvio-glacial or mud flow (viscous) facies, subsequently low-grade metamorphosed.

Reflected light microscopy indicates sparse, (<1%), fine (0.05mm to rarely 0.5mm) grains of pyrite, rarer and finer chalcopyrite, almost invariably located within granules of carbonate and/or silica, and apparently inherited from the source provenance. Sparse fine detrital titaniferous grains (and zircon) are disseminated.

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APPENDIX 3

GROUNDWATER ANALYSES

Private Mail Bag 3
Salisbury SA 5108

Hodgson Road
Bolivar SA 5110

Tel: 1300 653 366
Fax: 61 8 8259 0220

Internet: www.awqc.com.au
Email: awqc@sawater.com.au

Australian Water Quality Centre

Marathon Resources
ATTN: Alan Younger
10 George St
Stepney
SA 5069 AUSTRALIA

15/05/2007

Dear Alan

Please find attached the Final Analytical Report for

Customer Service Request: 140099-2007-CSR-2
Account: 140099
Project: AWQC-12134 Marathon Resources - O/N 1323

Sample Date Range: 03-April-2007 to 09-April-2007

Yours sincerely,



Melanie Bolton
Team Leader Customer Services
Melanie.Bolton@sawater.com.au
(08) 8259 0214

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Australian Water Quality Centre

FINAL REPORT: 21563

Report Information

Project Name	AWQC-12134
Customer	Marathon Resources
CSR_ID	140099-2007-CSR-2

Analytical Results

Customer Sample Description	MO-02-90M
Sampling Point	11922-Marathon Resources - Reg Bore
Sampled Date	3/04/2007 12:00:00AM
Sample Received Date	4/04/2007 8:09:21AM
Sample ID	2007-002-2539
Status	Endorsed
Collection Type	Customer Collected

Inorganic Chemistry - Metals	LOR	Result
Antimony - Total TIC-003 W09-023		
Antimony - Total	0.0005	0.0009 mg/L
Arsenic - Total TIC-003 W09-023		
Arsenic - Total	0.001	<0.001 mg/L
Cadmium - Total TIC-003 W09-023		
Cadmium - Total	0.0005	<0.0005 mg/L
Calcium TIC-001 W09-023		
Calcium	0.1	91.9 mg/L
Chromium - Total TIC-003 W09-023		
Chromium - Total	0.003	0.033 mg/L
Copper - Total TIC-003 W09-023		
Copper - Total	0.0010	0.0219 mg/L
Dissolved Solids by Calculation W09-023		
Dissolved solids by calculation	0	2550 mg/L
Ion Balance W09-023		
Ion balance		-0.3 %
Iron - Total TIC-001 W09-023		
Iron - Total	0.030	62.0 mg/L
Langelier Index W09-023		
Langelier Index		1.16
Lead - Total TIC-003 W09-023		
Lead - Total	0.0005	0.0092 mg/L
Magnesium TIC-001 W09-023		
Magnesium	0.3	142 mg/L
Potassium TIC-001 W09-023		
Potassium	1.0	12.8 mg/L
Selenium - Total TIC-003 W09-023		
Selenium - Total	0.003	<0.003 mg/L
Sodium Adsorption Ratio W09-023		
Sodium Adsorption Ratio - Calculation		10.0
Sodium TIC-001 W09-023		

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Chemical and Biological Testing
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Notes
1. **The last figure of the result value is a significant figure.**
2. **Samples are analysed as received.**
3. **# determination of the component is not covered by NATA Accreditation.**
4. **^ indicates result is out of specification according to the reference Guideline. Refer to Report footer.**
5. *** indicates incident have been recorded against the sample. Refer to Report footer.**
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Collection Type	Customer Collected

Sodium TIC-001 W09-023		
Sodium	0.5	658 mg/L
Sulphur TIC-001 W09-023		
Sulphate	1.5	289 mg/L
Total Hardness as CaCO3 W09-023		
Total Hardness as CaCO3	2.0	814 mg/L
Uranium - Total TIC-003 W09-023		
Uranium - Total	0.0005	0.0033 mg/L
Zinc - Total TIC-003 W09-023		
Zinc - Total	0.003	0.142 mg/L

Inorganic Chemistry - Nutrients	**LOR**	**Result**
Chloride T0104-02 W09-023		
Chloride	4.0	1170 mg/L
Fluoride W09-023		
Fluoride	0.10	0.60 mg/L
Nitrate + Nitrite as N T0161-01 W09-023		
Nitrate + Nitrite as N	0.005	<0.005 mg/L
Nitrate + Nitrite as NO3 T0161-01 W09-023		
Nitrate + Nitrite as NO3	0.02	<0.02 mg/L
Silica - Reactive T0111-01 W09-023		
Silica - Reactive	1	10 mg/L

Inorganic Chemistry - Physical	**LOR**	**Result**
Alkalinity, Carbonate, Bicarbonate and Hydroxide T0101-01 W09-023		
Alkalinity as Calcium Carbonate		321 mg/L
Bicarbonate		386 mg/L
Carbonate		3 mg/L
Hydroxide		0 mg/L
Conductivity & Total Dissolved Solids T0016-01 W09-023		
Conductivity	1	4520 µScm
Total Dissolved Solids (by EC)	1.0	2500 mg/L
pH T0010-01 W09-023		
pH		8.3 pH units

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Analytical Results

Customer Sample Description	MO-02-200M
Sampling Point	11922-Marathon Resources - Reg Bore
Sampled Date	3/04/2007 12:00:00AM
Sample Received Date	4/04/2007 8:09:37AM
Sample ID	2007-002-2540
Status	Endorsed
Collection Type	Customer Collected

Inorganic Chemistry - Metals	LOR	Result
Antimony - Total TIC-003 W09-023		
Antimony - Total	0.0005	0.0016 mg/L
Arsenic - Total TIC-003 W09-023		
Arsenic - Total	0.001	<0.001 mg/L
Cadmium - Total TIC-003 W09-023		
Cadmium - Total	0.0005	<0.0005 mg/L
Calcium TIC-001 W09-023		
Calcium	0.1	102 mg/L
Chromium - Total TIC-003 W09-023		
Chromium - Total	0.003	<0.003 mg/L
Copper - Total TIC-003 W09-023		
Copper - Total	0.0010	0.0023 mg/L
Dissolved Solids by Calculation W09-023		
Dissolved solids by calculation	0	2690 mg/L
Ion Balance W09-023		
Ion balance		0.89 %
Iron - Total TIC-001 W09-023		
Iron - Total	0.030	0.270 mg/L
Langelier Index W09-023		
Langelier Index		0.84
Lead - Total TIC-003 W09-023		
Lead - Total	0.0005	<0.0005 mg/L
Magnesium TIC-001 W09-023		
Magnesium	0.3	137 mg/L
Potassium TIC-001 W09-023		
Potassium	1.0	16.3 mg/L
Selenium - Total TIC-003 W09-023		
Selenium - Total	0.003	<0.003 mg/L
Sodium Adsorption Ratio W09-023		
Sodium Adsorption Ratio - Calculation		10.9
Sodium TIC-001 W09-023		
Sodium	0.5	719 mg/L
Sulphur TIC-001 W09-023		
Sulphate	1.5	342 mg/L
Total Hardness as CaCO3 W09-023		
Total Hardness as CaCO3	2.0	819 mg/L

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Analytical Results

Customer Sample Description	MO-02-200M
Sampling Point	11922-Marathon Resources - Reg Bore
Sampled Date	3/04/2007 12:00:00AM
Sample Received Date	4/04/2007 8:09:37AM
Sample ID	2007-002-2540
Status	Endorsed
Collection Type	Customer Collected

Uranium - Total TIC-003 W09-023

Uranium - Total	0.0005	0.0064 mg/L

Zinc - Total TIC-003 W09-023

Zinc - Total	0.003	0.009 mg/L

Inorganic Chemistry - Nutrients	LOR	Result

Chloride T0104-02 W09-023

Chloride	4.0	1220 mg/L

Fluoride W09-023

Fluoride	0.10	1.1 mg/L

Nitrate + Nitrite as N T0161-01 W09-023

Nitrate + Nitrite as N	0.005	<0.005 mg/L

Nitrate + Nitrite as NO3 T0161-01 W09-023

Nitrate + Nitrite as NO3	0.02	<0.02 mg/L

Silica - Reactive T0111-01 W09-023

Silica - Reactive	1	12 mg/L

Inorganic Chemistry - Physical	LOR	Result

Alkalinity, Carbonate, Bicarbonate and Hydroxide T0101-01 W09-023

Alkalinity as Calcium Carbonate		282 mg/L
Bicarbonate		344 mg/L
Carbonate		0 mg/L
Hydroxide		0 mg/L

Conductivity & Total Dissolved Solids T0016-01 W09-023

Conductivity	1	4790 µScm
Total Dissolved Solids (by EC)	1.0	2700 mg/L

pH T0010-01 W09-023

pH		8.0 pH units

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NATA Signatories



Roger Kennedy - Inorganic Chemistry Process Coordinator



David Walker - Inorganic Chemistry Technical Officer

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Analytical Method

Analytical Method Code	Description
T0010-01	Determination of pH
T0016-01	Determination of Conductivity
T0101-01	Alkalinity - Automated Acidimetric Titration
T0104-02	Chloride - Automated Flow Colorimetry
T0111-01	Reactive Silica - Automated Flow Coloimetry
T0161-01	Nitrate + Nitrate (NOx) - Automated Flow Colorimetry
TIC-001	Determination of Metals-ICP Spectrometry
TIC-003	Elemental Analaysis - ICP Mass Spectrometry
W-052	Preparation of Samples for Metal Analysis

Sampling Method

Sampling Method Code	Description
W09-023	Sampling Method for Chemical Analyses

Laboratory Information

Laboratory	NATA accreditation ID
Inorganic Chemistry - Metals	1115
Inorganic Chemistry - Nutrients	1115
Inorganic Chemistry - Physical	1115

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APPENDIX 4

GEOLOGICAL DRILL LOGS

Hole No: RC07 MO01 | **RC DRILL LOG** | **Marathon Resources Limited**

Project / Prospect:	Mongolata	1:250 000 Ref:	R.L. of Collar (m): 175	Precollar: From: 0 To: 6m	Drilling Contractor: VM Drilling
Tenement:	EL3164	Burra	Inclination: -60	RC Hammer: From: 0 To: 240m	Rig Type: Ingersoll-Rand DM45
Co-ordinates (GDA)		1:100 000 Ref:	Direction (mag): 360	No Downhole Surveys Completed	Date Start: 25/03/2007
344400 mE	6283750 mN	Florieton	Water: 67m	Casing Left: 6m	Date Finish: 29/03/2007

Murray Basin Sediments | Murray Basin or Older Sediments | Burra Group Shales/Slates/Siltstones | Felsics or Silicic Alteration

Interval		LITHOLOGY															Mineralogy												
			Rock Qualifier							Qualifier		Hydrogeology					Mineral 1			Mineral 2			Mineral 3						
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S.	COMMENTS
0	2	Alluv	u	m		fc		p-sorted, occ well rnd pebbles							sox	ob	q	is	m	cb	is	m	cy	is	pv					-Lithic and q clasts, poorly sorted, clay rich, polymictic alluv, although mostly clastic or quartz.
2	4	Alluv	u	m		fc		p-sorted, occ well rnd pebbles							sox	ob	q	is	m	cb	is	m	cy	is	pv					Clays ball up when wet.
4	6	Alluv	u	h		fc		p-sorted, occ well rnd pebbles							sox	ob	q	is	m	cb	is	pv	cy	is	pv					
6	8	Calcareous Siltstone	c	h		f		angular frags							sox	ob	q	is	pv	cb	is	pv								- Seemingly consolidated (due to broken angular clasts) however drills very easily. Could also
8	10	Calcareous Siltstone	c	h		f		angular frags							sox	yb-ob	q	is	pv	cb	is	pv								be calcic scree/alluvium transported locally but more likely to be a calcreted siltstone.
10	12	Calcareous Siltstone	c	h		f		angular frags							sox	rb-ob	q	is	pv	cb	is	pv								
12	14	Calcareous Siltstone	c	h		f		angular frags							sox	yb-ob	q	is	pv	cb	is	pv								
14	16	Alluv	u	h		fc		sub angular							sox	yb-ob	cy	is	pv	cb	is	mh								- Clay rich with some carbonate in the matrix and common lithic clasts
16	18	Alluv	u	h		fc									sox	ob	cy	is	pv	q	is	m	cb	is	pv					- Clay rich but more calc-siltstone clasts and occasional q frags.
18	20	Calcareous Siltstone	c	h		f									sox	lt yb	cy	is	pv	cb	is	pv	q	is	m					- 40% clays, rest =monolithic frgs (could be scree or proximal alluvium but likely just calc. Silts
20	22	Pebble Gravels	u	vw		fc		poorly sorted	sand						sox	ml yb-rb	q	is	pv	fe	is	pv	cy	is	m					- Q/Ironstone (magetite rich) gravels, ironstone pisolitic. Rare meta-sed frags of sch and qzt.
22	24	Pebble Gravels	u	vw		fc		poorly sorted	sand						sox	ml yb-rb	q	is	pv	fe	is	pv	cy	is	m					- Caves severly when wet (20-28m). Try to case of these gravels prior to drilling into the water
24	26	Pebble Gravels	u	vw		fc		poorly sorted	sand						sox	ml yb-rb	q	is	pv	fe	is	pv	cy	is	m					table otherwise major drill problems will occur, including potentially bogging the rods.
26	28	Pebble Gravels	u	vw		fc		poorly sorted	sand						sox	ml yb-rb	q	is	pv	fe	is	pv	cy	is	m					
28	30	Clay	p	vw		fc		mod. Well sorted - oc pebbles							sox	ml gy-lt yb	cy	is	pv	q	is	oc								- Occasional q or lithic clasts amongst the clays, usually coarse and rounded.
30	32	Clay	p	vw		fc									sox	ml gy-lt yb	cy	is	pv	q	is	oc								- Clays are difficult to drill (28-44m), very puggy and balls up making for difficult penetration.
32	34	Clay	p	vw		fc									sox	ml rb-yb	cy	is	pv	q	is	oc								
34	36	Clay	p	vw		fc									sox	ml rb-or-bn	cy	is	pv	q	is	oc								
36	38	Clay	p	vw		fc									sox	ml rb-or-bn	cy	is	pv	q	is	oc								
38	40	Clay	p	vw		fc									sox	ml rb-or-bn	cy	is	pv	q	is	oc								
40	42	Clay	p	vw		fc									sox	ml rb-or-bn	cy	is	pv	q	is	oc								
42	44	Clay	p	vw		fc									sox	ml rb-or-bn	cy	is	pv	q	is	oc								
																Unconformity														
44	46	Saprolitic Shale	p	vw		fc		Shale is fg, saprolite is f-c	Alluv						sox	ml lt kh-rd	q	is	m											Saprolitic Shales/Slates, poss. of the upper Burra Gr. (Saddleworth Formation or Bethel Memb
46	48	Saprolitic Shale													mox	lt gy	q	is	oc											- Could be Alluvium from 44-56m due to the number of rounded fragments however this round
48	50	Saprolitic Shale													mox	lt gy	q	is	oc											can also occur during the formation of saprolites. Given that the interval here is basically
50	52	Saprolitic Shale													mox	lt gy	q	is	oc											monolithic than it is likely to be a saprolite rather than alluvium. Occ q frags. V wk to no HCl Rt
52	54	Saprolitic Shale	p			fc		Angular to Rounded Frags							mox	lt gy	q	is	oc											
54	56	Saprolitic Shale	p			fc		Angular to Rounded Frags							mox	lt gy														- Rare q vughs (56-58m) with some sort of reddish type of mineralisation (Fe/Hg)
56	58	SL	c	vw*		vf	m	well sorted							f	gy	li	jc	oc											-Hard and poss. Heat altered. Weak limonite coatings on some joints (56-62m), rare cherty fra
58	60	SL	c	vw*		vf	m	well sorted							f	dk gy	li	jc	oc											- Poss. More of a Hornfels than a shale or even a slate (but uncommon slaty cleavage)

Summary/Comments: *** Collar Coords are set out only - not precise**

Logged by: J.C

Hole No: RC07 MO01 **RC DRILL LOG** **Marathon Resources Limited**

Interval		LITHOLOGY															ALTERATION												
			Rock Qualifier						Qualifier		Hydrogeology						Mineral 1			Mineral 2			Mineral 3						
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S.	
60	62	SL	c	vw*		vf	m								f	dk gy														- In General from 56 to 240m : - abundant disseminated, dark, glass-like grains
62	64	SL	c	vw*		vf	m								f	dk gy														- Rare Carbonate veining and when present gen. assoc, w trace suls.
64	66	SL	c	vw*		vf	m								f	dk gy														- Rare or no evidence of bedding and rarely even slaty cleavage, mostly une
66	68	SL	c	vw*		vf	m								f	dk gy														- Rare/Occ rounded Magnetic Ironstone grains, most likely contam. From ab
Water Table																														
68	70	SL	c	vw*		vf	m								f	dk gy														-Water Flows (minor) 67-68m
70	72	SL	c	vw*		vf	m								f	dk gy-bk														- No vesicles or chlorite visible
72	74	SL	c	vw*		vf	m								f	dk gy-bk														
74	76	SL	c	vw*		vf	m								wox	dk gy-bk	q	xn	r	cy	jt	r	li	jt	r					-Rare q crystals, wk li staining, some montmorillonite on joints with Li
76	78	SL	c	vw*		vf	m								f	dk gy-bk														
78	80	SL	c	vw*		vf	m								f	dk gy-bk														- Rare siliceous coarse siliceous clasts fused in matrix of Shale
80	82	SL	c	vw*		vf	m								f	dk gy-bk														- VW* = There is a weak to moderate carbonate reaction to the crushed fines but not to the res
82	84	SL	c	vw*		vf	m								f	dk gy-bk														rock fragments.
84	86	SL	c	vw*		vf	m								f	dk gy-bk														- Heat affected and hard, with rare light grey (bleached?) fragments.
86	88	SL	c	vw*		vf	m								f	dk gy-bk														
88	90	SL	c	vw*		vf	m								f	dk gy-bk														- Rare Q fragments and some slightly coarse silt frags
90	92	SL	c	vw*		vf	m								f	dk gy-bk														- Silt sized particles
92	94	SL	c	vw*		vf	m								f	dk gy-bk														
94	96	SL	c	vw*		vf	m								f	dk gy-bk														
96	98	SL	c	vw*		vf	m								f	dk gy-bk														
98	100	SL	c	vw*		vf	m								f	dk gy-bk														
100	102	SL	c	vw*		vf	m								f	dk gy-bk														
102	104	SL	c	vw*		vf	m								f	dk gy-bk														
104	106	SL	c	vw*		vf	m								f	dk gy-bk														- Occassional coarse elongated siliceous grains
106	108	SL	c	vw*		vf	m		FL						f	dk gy-bk														- 10% volcanic clasts (Acid), light cream/brown, fine matrix with common sand sized q grains.
108	110	SL	c	vw*		vf	m		FL						f	dk gy-bk														- 2% volcanic clasts - as above.
110	112	SL	c	vw*		vf	m			QV	1				f	dk gy-bk														
112	114	SL	c	vw*		vf	m								f	dk gy-bk														
114	116	SL	c	vw*		vf	m								f	dk gy-bk														
116	118	SL	c	vw*		vf	m								f	dk gy-bk														
118	120	SL	c	vw*		vf	m								f	dk gy-bk														
120	122	SL	c	vw*		vf	m								f	dk gy-bk														
122	124	SL	c	vw*		f	m								f	dk gy-bk														- Coarsening grainsize, siliceous and lighter grey.
124	126	SL	c	vw*		vf	m								f	dk gy-bk														
126	128	SL	c	vw*		vf	m		ST						f	dk gy-bk														- Rare cherty fragments and one very large silty fragment with sand sized grains.
128	130	SL	c	vw*		vf	m								f	dk gy-bk														

Summary/Comments:

Logged by: J.C

Hole No: RC07 MO01 **RC DRILL LOG** **Marathon Resources Limited**

Interval		LITHOLOGY														ALTERATION												
			Rock Qualifier							Qualifier		Hydrogeology					Mineral 1			Mineral 2			Mineral 3						
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S.	COMMENTS
130	132	SL	c	vw*		vf	m								f	dk gy-bk													Either bleached Shale or acid volcanic fragments, siliceous, fine grained and cream-brown.
132	134	SL	c	vw*		vf	m								f	dk gy-bk													
134	136	SL	c	vw*		vf	m								f	dk gy-bk													
136	138	SL	c	vw*		vf	m								f	dk gy-bk													
138	140	SL	c	vw*		vf	m		FL						f	dk gy-bk													- Contains 25% Felsic fragments - possible meta-Tuff: Cream/Bn, hard and siliceous, occ q gra
140	142	SL	c	vw*		vf	m								f	dk gy-bk													
142	144	SL	c	vw*		vf	m								f	dk gy-bk													
144	146	SL	c	vw*		vf	m								f	dk gy-bk													
146	148	SL	c	vw*		vf	m								f	dk gy-bk													
148	150	SL	c	vw*		vf	m			QV	12				f	dk gy-bk	su	av	r										- Minor Q veining with rare sulphide mineralisation
150	152	SL	c	vw*		vf	m								f	dk gy-bk	li	jc	r										- Trace Limonite staining on joint planes
152	154	SL	c	vw*		vf	m								f	dk gy-bk													
154	156	SL	c	vw*		vf	m								f	dk gy-bk													
156	158	SL	c	vw*		vf	m								f	dk gy-bk													- 9mm Diameter quartzite pebble fused in the Shale matrix.
158	160	SL	c	vw*		vf	m								f	dk gy-bk													
160	162	SL	c	vw*		vf	m								f	dk gy-bk													
162	164	SL	c	vw*		vf	m								f	dk gy-bk													
164	166	SL	c	vw*		vf	m								f	dk gy-bk													
166	168	SL	c	vw*		vf	m								f	dk gy-bk													
168	170	SL	c	vw*		vf	m								f	dk gy-bk													
170	172	SL	c	vw*		vf	m								f	dk gy-bk													
172	174	SL	c	vw*		vf	m								f	dk gy-bk													
174	176	SL	c	vw*		vf	m								f	dk gy-bk													
176	178	SL	c	vw*		vf	m								f	dk gy-bk													
178	180	SL	c	vw*		vf	m								f	dk gy-bk													- In General from 56 to 240m : - abundant disseminated, dark, glass-like grains (Thin Sectione
180	182	SL	c	vw*		vf	m								f	dk gy-bk													- Rare Carbonate veining and when present gen. assoc, w trace suls.
182	184	SL	c	vw*		vf	m								f	dk gy-bk													- Rare or no evidence of bedding and rarely even slaty cleavage, mostly une
184	186	SL	c	vw*		vf	m								f	dk gy-bk													- Rare/Occ rounded Magnetic Ironstone grains, most likely contam. from abo
186	188	SL	c	vw*		vf	m								f	dk gy-bk													
188	190	SL	c	vw*		vf	m								f	dk gy-bk													
190	192	SL	c	vw*		vf	m								f	dk gy-bk													
192	194	SL	c	vw*		vf	m								f	dk gy-bk													
194	196	SL	c	vw*		vf	m								f	dk gy-bk													
196	198	SL	c	vw*		vf	m								f	dk gy-bk													
198	200	SL	c	vw*		vf	m								f	dk gy-bk													

Summary/Comments:

Logged by: J.C

Sheet 3 of 7

Hole No: RC07 MO01 **RC DRILL LOG** **Marathon Resources Limited**

LITHOLOGY																		ALTERATION													
Interval			Rock Qualifier							Qualifier		Hydrogeology						Mineral 1			Mineral 2			Mineral 3							
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S.	COMMENTS
200	202	SL	c	vw*		vf	m								f	dk gy-bk														
202	204	SL	c	vw*		vf	m								f	dk gy-bk														- Occassional rounded magnetic fragments (ironstone), assoc. with rare q grains. Drop stones?
204	206	SL	c	vw*		vf	m								f	dk gy-bk														Or perhaps internal ferruginous nodules. Could also be contamination uncon. Gravels above.
206	208	SL	c	vw*		vf	m								f	dk gy-bk														
208	210	SL	c	vw*		vf	m								f	dk gy-bk														
210	212	SL	c	vw*		vf	m								f	dk gy-bk														
212	214	SL	c	vw*		vf	m								f	dk gy-bk														
214	216	SL	c	vw*		vf	m								f	dk gy-bk														
216	218	SL	c	vw*		vf	m								f	dk gy-bk														
218	220	SL	c	vw*		vf	m								f	dk gy-bk														
220	222	SL	c	vw*		vf	m								f	dk gy-bk														
222	224	SL	c	vw*		vf	m								f	dk gy-bk														
224	226	SL	c	vw*		vf	m								f	dk gy-bk														
226	228	SL	c	vw*		vf	m								f	dk gy-bk														
228	230	SL	c	vw*		vf	m								f	dk gy-bk														
230	232	SL	c	vw*		vf	m								f	dk gy-bk														
232	234	SL	c	vw*		vf	m								f	dk gy-bk														
234	236	SL	c	vw*		vf	m								f	dk gy-bk														
236	238	SL	c	vw*		vf	m								f	dk gy-bk														
238	240	SL	c	vw*		vf	m								f	dk gy-bk														
		End of Hole 240m																												
		Hole abandoned due to excessive caving and lack of pentetration.																												

Summary/Comments:

Logged by: J.C

Sheet 4 of 7

Hole No: RC07 MO-02 — RC DRILL LOG — Marathon Resources Limited

Project / Prospect:	Mongolata	1:250 000 Ref:	R.L. of Collar (m): 175	Precollar: From: 0 To: 65m	Drilling Contractor: VM Drilling
Tenement:	EL3164	Burra	Inclination: -60	RC Hammer: From: 0 To: 336m	Rig Type: Ingersoll-Rand DM45
Co-ordinates (GDA)		1:100 000 Ref:	Direction (mag): 360		Date Start: 29/03/2007
mE	mN	Florieton	Water: 60m	Casing Left: 65m	Date Finish: 3/04/2007

Murray Basin Sediments | Murray Basin or Older Sediments | Burra Group Shales/Slates/Siltstones | Felsics or Silicic Alteration

Interval			Rock Qualifier							Qualifier		Hydrogeology					ALTERATION												
								LITHOLOGY									Mineral 1			Mineral 2			Mineral 3							
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
0	2	Alluv	u	m		f-c		p-sorted, occ well rnd pebbles							sox	dk rb	q	is	m	cb	is	m	cy	is	pv					-Lithic and q clasts, poorly sorted, clay rich, polymictic alluv, although mostly clastic or quartz.
2	4	Alluv	u	m		f-c		p-sorted, occ well rnd pebbles							sox	dk rb	q	is	m	cb	is	m	cy	is	pv					Clays ball up when wet. Quite calcic, occassional pisolitic ironstone grains.
4	6	Alluv	u	h		f-c		p-sorted, occ well rnd pebbles							sox	dk rb	q	is	m	cb	is	pv	cy	is	pv					
6	8	Gravel	u	m		f-c		mod-sorted, sub-rounded							sox	ml rb-lt gy-wh	q	is	mh	cb	is	m	cy	is	pv					- 40% Q grains
8	10	Alluv	c	h		f-m									sox	ml rb-yb	cb	is	pv	q	is	mh	cy	is	m					- comprising clays and silty limestone fragments (angular) with occ. Q pebbles & lithics
10	12	Alluv	c	h		f-m									sox	ml rb-yb	cb	is	pv	q	is	mh	cy	is	m					- 8-18m contains mostly finer grained clasts and fragments.
12	14	Alluv	c	h		f-m									sox	ml rb-yb	cb	is	pv	q	is	mh	cy	is	m					
14	16	Alluv	c	h		f-m									sox	ml rb-yb	cb	is	pv	q	is	mh	cy	is	m					
16	18	Alluv	c	h		f-m			Gravel						sox	ml rb-yb	cb	is	pv	q	is	mh	cy	is	m					- Occassional rounded pebbles suggest some gravel component
18	20	Gravel	u	vw		f-c		mod-well rounded, poorly std							sox	ml rb-wh-yb	q	is	pv	fe	is	m	cy	is	m					- Q/Ironstone (magetite rich) gravels, ironstone pisolitic. Rare meta-sed frags of sch and qzt.
20	22	Gravel	u	vw		f-c		mod-well rounded, poorly std							sox	ml rb-wh-yb	q	is	pv	fe	is	m	cy	is	m					- Caves severly when wet. Try to case of these gravels prior to drilling into the water
22	24	Gravel	u	vw		f-c		mod-well rounded, poorly std							sox	ml rb-wh-yb	q	is	pv	fe	is	m	cy	is	m					table otherwise major drill problems will occur, including potentially bogging the rods.
24	26	Gravel	u	vw		f-c		mod-well rounded, poorly std							sox	ml rb-wh-yb	q	is	pv	fe	is	m	cy	is	m					
26	28	Gravel	u	vw		f-c		mod-well rounded, poorly std							sox	ml rb-wh-yb	q	is	pv	fe	is	m	cy	is	m					
28	30	Gravel	u	vw		f-c		mod-well rounded, poorly std							sox	ml rb-wh-yb	q	is	pv	fe	is	m	cy	is	m					
30	32	Gravel	u	vw		f-c		mod-well rounded, poorly std							sox	ml rb-wh-yb	q	is	pv	fe	is	m	cy	is	m					
32	34	Clay	p	vw		vf-c		puggy	Gravel						sox	ml yb-ob	cb	is	pv	q	is	r								- Clay rich alluvium with occ pebble bands.
34	36	Clay	p	vw		vf-c		puggy	Gravel						sox	ml yb-ob	cb	is	pv	q	is	r								
36	38	Clay	p	vw		vf-c		puggy	Gravel						sox	ml yb-ob	cb	is	pv	q	is	r								
38	40	Clay	p	vw		vf-c		puggy	Gravel						sox	ml yb-ob	cb	is	pv	q	is	r								
40	42	Sap. Shale	p	vw		f									sox	lt gg	cy	is	pv	q	is	r								-Saprolitic Shale/Seds
42	44	Sap. Shale	p	vw		f									sox	lt gg	cy	is	pv											- Some rounded clasts, mostly total pulverisation to clays, slightly puggy
44	46	Sap. Shale	p	vw		f									sox	lt gg	cy	is	pv											
46	48	Sap. Shale	p	vw		f									sox	lt gg	cy	is	pv											
48	50	Sap. Shale	p	vw		f									mox	lt gg	cy	is	pv											
50	52	SL	c	vw		f-vf		wk foliation, slightly slaty							mox	dk gy	li	jt	r											
52	54	SL	c	vw		f-vf									wox	dk gy	li	jt	r											
54	56	SL	c	vw		f-vf									wox	dk gy	li	jt	r											
56	58	SL	c	vw		f-vf									wox	dk gy	li	jt	r											
58	60	SL	c	vw		f-vf									wox	dk gy	li	jt	r											

Summary/Comments: * Collar Coords are set out only - not precise

Logged by: J.C

Hole No: RC07 MO-02 | **RC DRILL LOG** | **Marathon Resources Limited**

Interval			Rock Qualifier							Qualifier		Hydrogeology					ALTERATION												
								LITHOLOGY									Mineral 1			Mineral 2			Mineral 3							
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
60	62	SL	c	vw		f-vf		wk cleavage							wox	dk gy														* Hard
62	64	SL	c	vw		f-vf		wk cleavage							f	dk gy														
64	66	SL	c	vw		f-vf		wk cleavage							f	dk gy														
66	68	SL	c	vw		f-vf		wk cleavage							f	dk gy														
68	70	SL	c	vw		f-vf		wk cleavage							f	dk gy														
70	72	SL	c	vw		f-vf		wk cleavage							f	dk gy														
72	74	SL	c	vw		f-vf		wk cleavage							f	dk gy														- Large singular rounded clast - dropstone? Or contamination
74	76	SL	c	vw		f-vf		wk cleavage							f	dk gy														
76	78	SL	c	vw		f-vf		wk cleavage							wox	dk gy	li	jt	r											- More slaty cleavage than above
78	80	SL	c	vw		f-vf		wk cleavage							wox	dk gy	li	jt	r											
80	82	SL	c	vw		f-vf		wk cleavage							wox	dk gy	li	jt	r											
82	84	SL	c	vw		f-vf		wk cleavage							wox	dk gy	li	jt	r											- Black-grey glassy frags dissem. TO.
84	86	SL	c	vw		f-vf									mox	dk gy - lt bn	li	jt	r											
86	88	SL	c	vw		f-vf									wox	dk gy	li	jt	r											
88	90	SL	c	vw		f-vf				SV	<1				f	dk gy	py	av	r											- Trace sulphide veinlets
90	92	SL	c	vw		f-vf				SV	<1	Y	100l/min	Y	f	dk gy	py	av	r											
92	94	Silicic Shale	c	vw		f-vf			Shale	QV	<1				f	gy-dk gy	q	av	r	py	di	r								-Silicified Shale/Chert 60%
94	96	SL	c	vw		f-vf			Silic. Shale						f	dk gy	py	di	r											-Silicified Shale/Chert 35%
96	98	SL	c	vw		f-vf									f	dk gy	py	jt	r											
98	100	SL	c	vw		f-vf									f	dk gy	py	jt	r							po				
100	102	SL	c	vw		f-vf									f	dk gy														
102	104	SL	c	vw		f-vf									f	dk gy														
104	106	SL	c	vw		f-vf									f	dk gy														
106	108	SL	c	vw		f-vf									f	dk gy														
108	110	SL	c	vw		f-vf									f	dk gy	py	di	r											
110	112	SL	c	vw		f-vf									f	dk gy	py	di	r											
112	114	SL	c	vw		f-vf									f	dk gy	py	di	r											
114	116	SL	c	vw		f-vf									f	dk gy	py	di	r											
116	118	SL	c	vw		f-vf									f	dk gy	py	di	r											
118	120	SL	c	vw		f-vf									f	dk gy	py	di	r											
120	122	SL	c	vw		f-vf									f	dk gy	py	di	r											
122	124	SL	c	vw		f-vf									f	dk gy	py	di	r											
124	126	SL	c	vw		f-vf									f	dk gy	py	di	r											
126	128	SL	c	vw		f-vf									f	dk gy	py	di	r											
128	130	SL	c	vw		f-vf									f	dk gy	py	di	r											

Summary/Comments:

Logged by: J.C

Sheet 2 of 7

Hole No: RC07 MO-02 | **RC DRILL LOG** | **Marathon Resources Limited**

Interval		LITHOLOGY														ALTERATION												
			Rock Qualifier							Qualifier		Hydrogeology				Mineral 1			Mineral 2			Mineral 3						
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
130	132	SL	c	vw		vf-f									f	dk gy													
132	134	SL	c	vw		vf-f				CV	5				f	dk gy	py	av	r	po	av	r							*Note Sulphide veins are magnetic suggesting pyrrhotite in sulphides
134	136	SL	c	vw		vf-f									f	dk gy													
136	138	SL	c	vw		vf-f									f	dk gy													
138	140	SL	c	vw		vf-f			Chert						f	dk gy										cb			- 20% Green-Grey Chert
140	142	SL	c	vw		vf-f									f	dk gy													
142	144	SL	c	vw		vf-f									f	dk gy													
144	146	SL	c	vw		vf-f									f	dk gy													
146	148	SL	c	vw		vf-f									f	dk gy													
148	150	SL	c	vw		vf-f									f	dk gy													
150	152	SL	c	vw		vf-f									f	dk gy													
152	154	SL	c	vw		vf-f									f	dk gy													
154	156	SL	c	vw		vf-f									f	dk gy													
156	158	SL	c	vw		vf-f									f	dk gy													
158	160	SL	c	vw		vf-f									f	dk gy													
160	162	SL	c	vw		vf-f									f	dk gy													
162	164	SL	c	vw		vf-f									f	dk gy													
164	166	SL	c	vw		vf-f									f	dk gy													
166	168	SL	c	vw		vf-f									f	dk gy													
168	170	SL	c	vw		vf-f									f	dk gy													
170	172	SL	c	vw		vf-f				CV	3				f	dk gy	py	av	r	po	av	r							- Wk carbonate veining
172	174	SL	c	vw		vf-f				CV	3				f	dk gy	py	av	r	po	av	r							
174	176	SL	c	vw		vf-f				CV	10				f	dk gy	py	av	r	po	av	r							
176	178	SL	c	vw		vf-f				CV	5				f	dk gy	py	av	r	po	av	r							
178	180	SL	c	vw		vf-f				CV	3				f	dk gy	py	av	r	po	av	r							
180	182	SL	c	vw		vf-f									f	dk gy													
182	184	SL	c	vw		vf-f									f	dk gy													
184	186	SL	c	vw		vf-f									f	dk gy													
186	188	SL	c	vw		vf-f									f	dk gy													
188	190	SL	c	vw		vf-f									f	dk gy													
190	192	SL	c	vw		vf-f			Chert	CV	2				f	dk gy													- Bone/Buff chert or Silicified Shale 3%
192	194	SL	c	vw		vf-f									f	dk gy													
194	196	SL	c	vw		vf-f									f	dk gy													
196	198	SL	c	vw		vf-f									f	dk gy													
198	200	SL	c	vw		vf-f						Y	NR	Y	f	dk gy													

Summary/Comments:

Logged by: J.C

Hole No: RC07 MO-02 | **RC DRILL LOG** | **Marathon Resources Limited**

Interval		LITHOLOGY														ALTERATION												
			Rock Qualifier							Qualifier		Hydrogeology				Mineral 1			Mineral 2			Mineral 3						
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
200	202	SL	c	vw		vf-f									f	dk gy													
202	204	SL	c	vw		vf-f									f	dk gy													
204	206	SL	c	vw		vf-f									f	dk gy													
206	208	SL	c	vw		vf-f									f	dk gy													
208	210	SL	c	vw		vf-f									f	dk gy													
210	212	SL	c	vw		vf-f									f	dk gy													
212	214	SL	c	vw		vf-f									f	dk gy													
214	216	SL	c	vw		vf-f									f	dk gy													
216	218	SL	c	vw		vf-f									f	dk gy													
218	220	SL	c	vw		vf-f									f	dk gy													
220	222	SL	c	vw		vf-f									f	dk gy													
222	224	SL	c	vw		vf-f									f	dk gy													
224	226	SL	c	vw		vf-f									f	dk gy													
226	228	SL	c	vw		vf-f									f	dk gy													
228	230	SL	c	vw		vf-f									f	dk gy													
230	232	SL	c	vw		vf-f									f	dk gy													
232	234	SL	c	vw		vf-f									f	dk gy													
234	236	SL	c	vw		vf-f									f	dk gy													
236	238	SL	c	vw		vf-f									f	dk gy													
238	240	SL	c	vw		vf-f						Y	100l/min	No	f	dk gy													
240	242	SL	c	vw		vf-f									f	dk gy													
242	244	SL	c	vw		vf-f									f	dk gy													- Less disseminated black specks noticable (looks less heat-affected)
244	246	SL	c	vw		vf-f									f	dk gy													
246	248	SL	c	vw		vf-f									f	dk gy													
248	250	SL	c	vw		vf-f									f	dk gy													
250	252	SL	c	vw		vf-f									f	dk gy													- Rare light brown cherty frags
252	254	SL	c	vw		vf-f									f	dk gy													
254	256	SL	c	vw		vf-f									f	dk gy													
256	258	SL	c	vw		vf-f									f	dk gy													
258	260	SL	c	vw		vf-f									f	dk gy													
260	262	SL	c	vw		vf-f									f	dk gy													
262	264	SL	c	vw		vf-f									f	dk gy													
264	266	SL	c	vw		vf-f									f	dk gy													
266	268	SL	c	vw		vf-f									f	dk gy													
268	270	SL	c	vw		vf-f									f	dk gy													

Summary/Comments:

Logged by: J.C

Hole No: RC07 MO-02 | **RC DRILL LOG** | **Marathon Resources Limited**

Interval		LITHOLOGY														ALTERATION												
			Rock Qualifier							Qualifier		Hydrogeology				Mineral 1			Mineral 2			Mineral 3						
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
270	272	SL	c	vw		vf-f									f	dk gy													
272	274	SL	c	vw		vf-f									f	dk gy													
274	276	SL	c	vw		vf-f									f	dk gy													
276	278	SL	c	vw		vf-f									f	dk gy													
278	280	SL	c	vw		vf-f									f	dk gy													
280	282	SL	c	vw		vf-f									f	dk gy													
282	284	SL	c	vw		vf-f									f	dk gy													
284	286	SL	c	vw		vf-f									f	dk gy													
286	288	SL	c	vw		vf-f				CV	<1				f	dk gy	py	av	r										
288	290	SL	c	vw		vf-f									f	dk gy													
290	292	SL	c	vw		vf-f				CV	<1				f	dk gy	pv	av	r										
292	294	SL	c	vw		vf-f									f	dk gy													
294	296	SL	c	vw		vf-f									f	dk gy													
296	298	SL	c	vw		vf-f									f	dk gy													
298	300	SL	c	vw		vf-f				CV	7				f	dk gy	py	av	oc										
300	302	SL	c	vw		vf-f				CV	7				f	dk gy	py	av	oc										
302	304	SL	c	vw		vf-f									f	dk gy													
304	306	SL	c	vw		vf-f									f	dk gy													
306	308	SL	c	vw		vf-f									f	dk gy													
308	310	SL	c	vw		vf-f									f	dk gy													
310	312	SL	c	vw		vf-f									f	dk gy													
312	314	SL	c	vw		vf-f				CV	1				f	dk gy													
314	316	SL	c	vw		vf-f									f	dk gy													
316	318	SL	c	vw		vf-f				CV	1				f	dk gy													
318	320	SL	c	vw		vf-f				CV	1				f	dk gy													
320	322	SL	c	vw		vf-f				CV	1				f	dk gy													
322	324	SL	c	vw		vf-f									f	dk gy													
324	326	SL	c	vw		vf-f				CV	5				f	dk gy	py	av	r	po	av	r							
326	328	SL	c	vw		vf-f									f	dk gy													
328	330	SL	c	vw		vf-f				CV	10				f	dk gy	py	av	r	po	av	r							
330	332	SL	c	vw		vf-f									f	dk gy													
332	334	SL	c	vw		vf-f				CV	1				f	dk gy													
334	336	SL	c	vw		vf-f									f	dk gy													
END OF HOLE 336m																													

Summary/Comments:

Logged by: J.C

Sheet 5 of 7

Hole No: RC07 MO-03 — RC DRILL LOG — Marathon Resources Limited

Project / Prospect: Mongolata	1:250 000 Ref:	R.L. of Collar (m):	Precollar: From: 0 To: 0m	Drilling Contractor:	VM Drilling
Tenement: EL3164	Burra	Inclination: -60	RC Hammer: From: 0 To: 300m	Rig Type:	Ingersoll-Rand DM45
Co-ordinates (GDA)	1:100 000 Ref:	Direction (mag): 360		Date Start:	3/04/2007
mE mN	Florieton	Water:	Casing Left: 0m	Date Finish:	10/04/2007

Murray Basin Sediments | Murray Basin or Older Sediments | Burra Group Shales/Slates/Siltstones | Felsics or Silicic Alteration

LITHOLOGY																		ALTERATION																
Interval			Rock Qualifier							Qualifier		Hydrogeology						Mineral 1			Mineral 2			Mineral 3										
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
0	2	Alluv	u	h		f-c		poorly std							sox	dk rb	cy	is	pv	q	is	m	cb	is	mh					- Polymictic, well rounded clasts (mainly q and meta eds) in fine clay and silt matrix.
2	4	Alluv	u	mh		f-c		poorly std							sox	dk rb	cy	is	pv	q	is	m	cb	is	mh					- Weakly bedded, as seen in face of sump costean. Unconsolidated to poorly consolidated.
4	6	Alluv	u	mh		f-c		poorly std							sox	dk rb	cy	is	pv	q	is	m	cb	is	mh					- Highly Calcareous in first metre (calcrete)
6	8	Alluv	u	mh		f-c		poorly std							sox	dk rb	cy	is	pv	q	is	m	cb	is	mh					
8	10	Calc-Sandstone	p	h		f-m									sox	yl-rb	cy	is	mh	q	is	oc	cb	is	pv					- Fine grained ss, polymictic (mainly q) subangular grains (+angular ss frags), in a strongly
10	12	Clay	p	w		vf-c									sox	dk rb	cy	is	pv	q	is	oc	cb	is	oc					calcareous cement.
12	14	Calc-Siltstone	p	h		f			Clay						sox	rb-yb	cy	is	pv	q	is	oc	cb	is	pv					- Combination of above two units with occ. fresh looking dark grey siltstone frags.
14	16	Calc-Siltstone	p	h		f									sox	rb	cy	is	pv	q	is	oc	cb	is	pv					- Calcreted silts, monolithic and angular frags.
16	18	Calc-Siltstone	p	h		f									sox	rb	cy	is	pv	q	is	oc	cb	is	pv					
18	20	Calc-Siltstone	p	h		f									sox	lt rb-yb	cy	is	pv	q	is	oc	cb	is	pv					
20	22	Calc-Siltstone	p	h		f									sox	lt rb-yb	cy	is	pv	q	is	oc	cb	is	pv					
22	24	Pebble Gravel	u	vw		f-c			SS						sox	ml yl-wh-rb	q	is	mh	fe	is	m	cy	is	pv	mt				- q rich gravels with upto 20% magnetitic ironstone pebbles. Subangular to well rounded.
24	26	Pebble Gravel	u	vw		f-c			SS						sox	ml yl-wh-rb	q	is	mh	fe	is	m	cy	is	pv	mt				- occ. cobble sized clasts
26	28	Pebble Gravel	u	vw		f-c			SS						sox	ml yl-wh-rb	q	is	mh	fe	is	m	cy	is	pv	mt				
28	30	Pebble Gravel	u	vw		f-c			SS						sox	ml yl-wh-rb	q	is	mh	fe	is	m	cy	is	pv	mt				
30	32	Pebble Gravel	u	vw		f-c			SS						sox	ml yl-wh-rb	q	is	mh	fe	is	m	cy	is	pv	mt				
32	34	Clay	p	vw		vf-c			Gravel						sox	ml rd-lt bn	q	is	oc	cy	is	pv								
34	36	Clay	p	vw		vf-c			Gravel						sox	ml rd-lt bn	q	is	oc	cy	is	pv								
36	38	Clay	p	vw		vf-c			Gravel						sox	ml rd-lt bn	q	is	oc	cy	is	pv								
38	40	Clay	p	vw		vf-c			Gravel						sox	ml rd-lt bn	q	is	oc	cy	is	pv								
40	42	Sap. Shale	p	vw		vf-f		Wk Slaty cleavage	Clay						sox	ml dk gy-ob	li	jt	r	cy	is	mh								
42	44	Sap. Shale	p	vw		vf-f									mox	ml dk gy-ob	cy	is	m	mi	is	m								
44	46	Sap. Shale	c	vw		vf-f									mox	ml dk gy-ob	cy	is	oc	mi	is	m								
46	48	Sap. Shale	c	vw		vf-f									mox	ml dk gy-ob	cy	is	oc	mi	is	m								
48	50	Sap. Shale	c	vw		vf-f									mox	dk gy	cy	is	oc	mi	is	oc								
50	52	SL	c	vw		vf-f		Heat-affected							wox	dk gy														
52	54	SL	c	vw		vf-f		Heat-affected							wox	dk gy														
54	56	SL	c	vw		vf-f		Heat-affected							wox	dk gy														
56	58	SL	c	vw		vf-f		Heat-affected							wox	dk gy														
58	60	SL	c	vw		vf-f		Heat-affected							mox	ml gy-bn	mi	is	oc											- Weakly micaceous

Summary/Comments: * Collar Coords are set out only - not precise

Logged by: J.C

Hole No: RC07 MO-03 | **RC DRILL LOG** | **Marathon Resources Limited**

Interval		LITHOLOGY														ALTERATION												
			Rock Qualifier						Qualifier		Hydrogeology					Mineral 1			Mineral 2			Mineral 3						
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
60	62	SL	c	vw		vf-f									wox	dk gy	li	jt	r											- Rare bleaching, occ. q x'tal coated with li.
62	64	SL	c	vw		vf-f									wox	dk gy	li	jt	r											
64	66	SL	c	vw		vf-f									wox	dk gy	li	jt	r											
66	68	SL	c	vw		vf-f									wox	dk gy	li	jt	r											
68	70	SL	c	vw		vf-f									wox	dk gy	li	jt	r											
70	72	SL	c	vw		vf-f									wox	dk gy	li	jt	r											
72	74	SL	c	vw		vf-f									wox	dk gy	li	jt	r											
74	76	SL	c	vw		vf-f									wox	dk gy	li	jt	r											* Common disseminated black siliceous mineral
76	78	SL	c	vw		vf-f									wox	dk gy	li	jt	r											
78	80	SL	c	vw		vf-f									wox	dk gy	li	jt	r											
80	82	SL	c	vw		vf-f									wox	dk gy	li	jt	r											
82	84	SL	c	vw		vf-f									wox	dk gy	li	jt	r											
84	86	SL	c	vw		vf-f									f	dk gy														
86	88	SL	c	vw		vf-f									f	dk gy														
88	90	SL	c	vw		vf-f									f	dk gy														
90	92	SL	c	vw		vf-f									f	dk gy														
92	94	SL	c	vw		vf-f									f	dk gy														
94	96	SL	c	vw		vf-f									f	dk gy														
96	98	SL	c	vw		vf-f									f	dk gy														
98	100	SL	c	vw		vf-f									f	dk gy														
100	102	SL	c	vw		vf-f									f	dk gy														
102	104	SL	c	vw		vf-f									f	dk gy														
104	106	SL	c	vw		vf-f									f	dk gy														
106	108	SL	c	vw		vf-f									f	dk gy														
108	110	SL	c	vw		vf-f									f	dk gy														
110	112	SL	c	vw		vf-f			Vein	CV	12				f	dk gy	py	av	r							cl				
112	114	SL	c	vw		vf-f									f	dk gy														
114	116	SL	c	vw		vf-f									f	dk gy														
116	118	SL	c	vw		vf-f									f	dk gy														
118	120	SL	c	vw		vf-f									f	dk gy														
120	122	SL	c	vw		vf-f									f	dk gy														
122	124	SL	c	vw		vf-f									f	dk gy														
124	126	SL	c	vw		vf-f									f	dk gy														
126	128	SL	c	vw		vf-f									f	dk gy														
128	130	SL	c	vw		vf-f									f	dk gy														- Chert-like bleached frags 10%

Summary/Comments:

Logged by: J.C

Sheet 2 of 7

Hole No: RC07 MO-03 | **RC DRILL LOG** | **Marathon Resources Limited**

LITHOLOGY																		ALTERATION														
Interval			Rock Qualifier							Qualifier		Hydrogeology						Mineral 1			Mineral 2			Mineral 3								
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS			
130	132	SL	c	vw		vf-f									wox	dk gy																
132	134	SL	c	vw		vf-f									wox	dk gy																
134	136	SL	c	vw		vf-f									wox	dk gy																
136	138	SL	c	vw		vf-f									wox	dk gy																
138	140	SL	c	vw		vf-f									wox	dk gy																
140	142	SL	c	vw		vf-f									wox	dk gy																
142	144	SL	c	vw		vf-f									wox	dk gy																
144	146	SL	c	vw		vf-f									wox	dk gy																
146	148	SL	c	vw		vf-f									wox	dk gy																
148	150	SL	c	vw		vf-f									wox	dk gy																
END OF HOLE 150m																																

Summary/Comments: ** HOLE ABANDONED DUE TO EXCESSIVE CAVING.

Logged by: J.C

Hole No: RC07 MO-03R — RC DRILL LOG — Marathon Resources Limited

Project / Prospect:	Mongolata	1:250 000 Ref:	R.L. of Collar (m): 175	Precollar: From: 0 To: 54m	Drilling Contractor: VM Drilling
Tenement:	EL3164	Burra	Inclination: -60	RC Hammer: From: 0 To: 400m	Rig Type: Ingersoll-Rand DM45
Co-ordinates (GDA)		1:100 000 Ref:	Direction (mag): 360		Date Start: 10/04/2007
mE	mN	Florieton	Water: 60m	Casing Left: 54m PVC	Date Finish: 13/04/2007

Murray Basin Sediments | Murray Basin or Older Sediments | Burra Group Shales/Slates/Siltstones | Felsics or Silicic Alteration

Interval		LITHOLOGY															ALTERATION												
			Rock Qualifier							Qualifier		Hydrogeology					Mineral 1			Mineral 2			Mineral 3							
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
0	2	Alluv	u	h		f-c		poorly std							sox	dk rb	cy	is	pv	q	is	m	cb	is	mh					- Polymictic, well rounded clasts (mainly q and meta eds) in fine clay and silt matrix.
2	4	Alluv	u	mh		f-c		poorly std							sox	dk rb	cy	is	pv	q	is	m	cb	is	mh					- Weakly bedded, as seen in face of sump costean. Unconsolidated to poorly consolidated.
4	6	Alluv	u	mh		f-c		poorly std							sox	dk rb	cy	is	pv	q	is	m	cb	is	mh					- Highly Calcareous in first metre (calcrete)
6	8	Calc-Siltstone	u	mh		f									sox	lt ob	cy	is	pv											
8	10	Calc-Sandstone	p	h		f-m									sox	yl-rb	cy	is	mh	q	is	oc	cb	is	pv					- Fine grained ss, polymictic (mainly q) subangular grains (+angular ss frags), in a strongly
10	12	Calc-Siltstone	p	h		f			Clay						sox	rb-yb	cy	is	pv	q	is	oc	cb	is	pv					calcareous cement.
12	14	Calc-Siltstone	p	h		f			Clay						sox	rb-yb	cy	is	pv	q	is	oc	cb	is	pv					- Combination of above two units with occ. fresh looking dark grey siltstone frags.
14	16	Calc-Siltstone	p	h		f									sox	rb	cy	is	pv	q	is	oc	cb	is	pv					- Calcreted silts, monolithic and angular frags.
16	18	Calc-Siltstone	p	h		f									sox	rb	cy	is	pv	q	is	oc	cb	is	pv					
18	20	Calc-Siltstone	p	h		f									sox	lt rb-yb	cy	is	pv	q	is	oc	cb	is	pv					
20	22	Calc-Siltstone	p	h		f									sox	lt rb-yb	cy	is	pv	q	is	oc	cb	is	pv					
22	24	Pebble Gravel	u	vw		f-c			SS						sox	ml yl-wh-rb	q	is	mh	fe	is	m	cy	is	pv	mt				- q rich gravels with upto 20% magnetitic ironstone pebbles. Subangular to well rounded.
24	26	Pebble Gravel	u	vw		f-c			SS						sox	ml yl-wh-rb	q	is	mh	fe	is	m	cy	is	pv	mt				- occ. cobble sized clasts
26	28	Pebble Gravel	u	vw		f-c			SS						sox	ml yl-wh-rb	q	is	mh	fe	is	m	cy	is	pv	mt				
28	30	Pebble Gravel	u	vw		f-c			SS						sox	ml yl-wh-rb	q	is	mh	fe	is	m	cy	is	pv	mt				
30	32	Pebble Gravel	u	vw		f-c			SS						sox	ml yl-wh-rb	q	is	mh	fe	is	m	cy	is	pv	mt				
32	34	Clay	p	vw		vf-c			Gravel						sox	ml rd-lt bn	q	is	oc	cy	is	pv								
34	36	Clay	p	vw		vf-c			Gravel						sox	ml rd-lt bn	q	is	oc	cy	is	pv								
36	38	Clay	p	vw		vf-c			Gravel						sox	ml rd-lt bn	q	is	oc	cy	is	pv								
38	40	Clay	p	vw		vf-c			Gravel						sox	ml rd-lt bn	q	is	oc	cy	is	pv								
40	42	Sap. Shale	p	vw		vf-f		Wk Slaty cleavage	Clay						sox	ml dk gy-ob	li	jt	r	cy	is	mh								
42	44	Sap. Shale	p	vw		vf-f									mox	ml dk gy-ob	cy	is	m	mi	is	m								
44	46	Sap. Shale	c	vw		vf-f									mox	ml dk gy-ob	cy	is	oc	mi	is	m								
46	48	Sap. Shale	c	vw		vf-f									mox	ml dk gy-ob	cy	is	mh	mi	is	m								
48	50	Sap. Shale	c	vw		vf-f									mox	dk gy	cy	is	mh	mi	is	oc								
50	52	SL	c	vw		vf-f				QV	2				wox	dk gy	li	jt	oc	cy	jt	oc								
52	54	SL	c	vw		vf-f									wox	dk gy	li	jt	oc	cy	jt	oc								
54	56	SL	c	vw		vf-f									wox	dk gy	li	jt	oc	cy	jt	oc								
56	58	SL	c	vw		vf-f									wox	dk gy	li	jt	oc	cy	jt	oc								
58	60	SL	c	vw		vf-f									mox	ml gy-bn	mi	is	oc											- Weakly micaceous

Summary/Comments: * Collar Coords are set out only - not precise

Logged by: J.C

Hole No: RC07 MO-03R | **RC DRILL LOG** | **Marathon Resources Limited**

Interval		LITHOLOGY														ALTERATION												
			Rock Qualifier						Qualifier		Hydrogeology					Mineral 1			Mineral 2			Mineral 3						
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
60	62	SL	c	vw		f		Weak slaty clv							wox	dk gy	li	jt	r										
62	64	SL	c	vw		f									wox	dk gy	li	jt	r										
64	66	SL	c	vw		f									wox	dk gy	li	jt	r										
66	68	SL	c	vw		f									wox	dk gy	li	jt	r										
68	70	SL	c	vw		f									wox	dk gy	li	jt	r										
70	72	SL	c	vw		f									wox	dk gy	li	jt	r										
72	74	SL	c	vw		f									wox	dk gy	li	jt	r										
74	76	SL	c	vw		f									wox	dk gy-bk	li	jt	oc										
76	78	SL	c	vw		f									wox	dk gy-bk	li	jt	r	cy	jt	r							small oxidised vein with clay fill
78	80	SL	c	vw		f		weak foliation							wox	dk gy-bk	li	jt	r										
80	82	SL	c	vw		f									wox	dk gy-bk	li	jt	r										
82	84	SL	c	vw		f									wox	dk gy-bk	li	jt	r	py	di	r							
84	86	SL	c	vw		f				QC	<1				F	dk gy-bk	li	jt	r										
86	88	SL	c	vw		f									F	dk gy-bk													
88	90	SL	c	vw		f									F	dk gy-bk													
90	92	SL	c	vw		f									F	dk gy-bk													
92	94	SL	c	vw		f									F	dk gy-bk													
94	96	SL	c	vw		f									F	dk gy-bk													
96	98	SL	c	vw		f									F	dk gy-bk													
98	100	SL	c	vw		f									F	dk gy-bk													
100	102	SL	c	vw		f									F	dk gy-bk													
102	104	SL	c	vw		f									F	dk gy-bk	py	jt	r										
104	106	SL	c	vw		f									F	dk gy-bk	py	jt	r										
106	108	SL	c	vw		f									F	dk gy-bk													
108	110	SL	c	vw		f				QC	<1				F	dk gy-bk													
110	112	SL	c	vw		f									F	dk gy-bk													
112	114	SL	c	vw		f									F	dk gy-bk													
114	116	SL	c	vw		f-m				QC	<1				F	dk gy-bk	py	av	r										fine ss grains (resemble black glassy frags) commonly disseminated T.O unit
116	118	SL	c	vw		f-m				QC	<1				F	dk gy-bk	py	av	r										
118	120	SL	c	vw		f-m									F	dk gy-bk													
120	122	SL	c	vw		f-m				QC	<1				F	dk gy-bk													
122	124	SL	c	vw		f-m				QC	<1				F	dk gy-bk	py	di	r										weak bleaching associated with some jt/veins
124	126	SL	c	vw		f-m									F	dk gy-bk													
126	128	SL	c	vw		f-m									F	dk gy-bk													
128	130	SL	c	vw		f-m				QC	<1				F	dk gy-bk													

Summary/Comments:

Logged by: J.C

Hole No: RC07 MO-03R — **RC DRILL LOG** — **Marathon Resources Limited**

Interval		LITHOLOGY															ALTERATION													
			Rock Qualifier						Qualifier		Hydrogeology						Mineral 1			Mineral 2			Mineral 3							
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
130	132	SL	c	vw		vf	m	fairly massive and							f	dk gy-bk														- Weak to no reaction to HCl on surface of individual fragments however the pulverised fines t
132	134	SL	c	vw		vf	m	featureless unit.							f	dk gy-bk														to react more strongly.
134	136	SL	c	vw		vf	m								f	dk gy-bk														
136	138	SL	c	vw		vf	m								f	dk gy-bk														
138	140	SL	c	vw		vf	m								f	dk gy-bk														
140	142	SL	c	vw		vf	m								f	dk gy-bk														
142	144	SL	c	vw		vf	m								f	dk gy-bk														
144	146	SL	c	vw		vf	m								f	dk gy-bk														
146	148	SL	c	vw		vf	m								f	dk gy-bk														
148	150	SL	c	vw		vf	m								f	dk gy-bk														
150	152	SL	c	vw		vf	m								f	dk gy-bk														
152	154	SL	c	vw		vf	m								f	dk gy-bk	py	is	r											
154	156	SL	c	vw		vf	m								f	dk gy-bk	py	is	r											
156	158	SL	c	vw		vf	m								f	dk gy-bk	py	is	r											
158	160	SL	c	vw		vf	m								f	dk gy-bk	py	is	r											
160	162	SL	c	vw		vf	m								f	dk gy-bk														
162	164	SL	c	vw		vf	m			cv	<1				f	dk gy-bk	py		r											-trace py in carbonate veinlets
164	166	SL	c	vw		vf	m								f	dk gy-bk														
166	168	SL	c	vw		vf	m								f	dk gy-bk														
168	170	SL	c	vw		vf	m								f	dk gy-bk														
170	172	SL	c	vw		vf	m		ch						f	dk gy-bk	py	is	r											3% light grey cherty bands with tr sulphides
172	174	SL	c	vw		vf	m								f	dk gy-bk														
174	176	SL	c	vw		vf	m								f	dk gy-bk	py	is	r											
176	178	SL	c	vw		vf	m								f	dk gy-bk														
178	180	SL	c	vw		vf	m								f	dk gy-bk														- Trace metals shards from BHA
180	182	SL	c	vw		vf	m								f	dk gy-bk														
182	184	SL	c	vw		vf	m								f	dk gy-bk														
184	186	SL	c	vw		vf	m			cv	<1				f	dk gy-bk	py	di	r											- Wk disseminated py appearing, Tr metals shards, Tr cb veinlets
186	188	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
188	190	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
190	192	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
192	194	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
194	196	SL	c	vw		vf	m								f	dk gy-bk	py	di	oc											- Wk to stringery disseminated pyr
196	198	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
198	200	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											

Summary/Comments:

Logged by: J.C

Hole No: RC07 MO-03R — **RC DRILL LOG** — **Marathon Resources Limited**

Interval			LITHOLOGY															ALTERATION												
			Rock Qualifier							Qualifier		Hydrogeology					Mineral 1			Mineral 2			Mineral 3							
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
200	202	SL	c	vw		vf	m	fairly massive and							f	dk gy-bk	py	di	r											
202	204	SL	c	vw		vf	m	featureless unit.							f	dk gy-bk	py	di	r											
204	206	SL	c	vw		vf	m	↓							f	dk gy-bk	py	di	r											
206	208	SL	c	vw		vf	m								f	dk gy-bk	py	di	r	py	jt	r				po				
208	210	SL	c	vw		vf	m								f	dk gy-bk	py	di	r							po				
210	212	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
212	214	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
214	216	SL	c	vw		vf	m			QC	<1				f	dk gy-bk	py	di	r											
216	218	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
218	220	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
220	222	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
222	224	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
224	226	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
226	228	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
228	230	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
230	232	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
232	234	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
234	236	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
236	238	SL	c	vw		vf	m			CV	1				f	dk gy-bk	py	di	r									py		- Joint plane veinlets with trace sulphides
238	240	SL	c	vw		vf	m			CV	1				f	dk gy-bk	py	di	r									py		
240	242	SL	c	vw		vf	m			CV	1				f	dk gy-bk	py	di	r									py		
242	244	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
244	246	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
246	248	SL	c	vw		vf	m		Vein	QC	25				f	dk gy-bk	py	di	r	py	av	oc	q	av	mh	cb		po		- Large Quartz/Carbonate vein
248	250	SL	c	vw		vf	m								f	dk gy-bk	py	di	r	py	di	r								- Small bleached frags, siliceous/cherty.
250	252	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											- One very fine Sandstone wisp through a large cutting, + minor bleaching.
252	254	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
254	256	SL	c	vw		vf	m								f	dk gy-bk	py	di	r									py	po	
256	258	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
258	260	SL	c	vw		vf	m	minor joints							f	gy-dk gy	py	di	r											- Minor bleaching and zoned alteration associated with joints and minor sed. Lams
260	262	SL	c	vw		vf	m								f	dk gy-bk	py	di	r									cl		- Chlorite on some joint planes
262	264	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
264	266	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
266	268	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
268	270	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											

Summary/Comments:

Logged by: J.C

Sheet 4 of 7

Hole No: RC07 MO-03R — **RC DRILL LOG** — **Marathon Resources Limited**

Interval		LITHOLOGY														ALTERATION												
			Rock Qualifier							Qualifier		Hydrogeology					Mineral 1			Mineral 2			Mineral 3						
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
270	272	SL	c	vw		vf	m								f	dk gy-bk	py	di	r										
272	274	SL	c	vw		vf	m								f	dk gy-bk													Dark siliceous mineralisation appearing - resembles glass. Less Suls (hornfelsed?)
274	276	SL	c	vw		vf	m								f	dk gy-bk													
276	278	SL	c	vw		vf	m								f	dk gy-bk													
278	280	SL	c	vw		vf	m								f	dk gy-bk													
280	282	SL	c	vw		vf	m		Vein	QV	55				f	ml dk gy-wh	py	av	m										- Large q vein with common coarse py
282	284	SL	c	vw		vf	m								f	dk gy-bk													- Occ. sand sized grains
284	286	SL	c	vw		vf	m								f	dk gy-bk													
286	288	SL	c	vw		vf	m			QC	1				f	dk gy-bk													
288	290	SL	c	vw		vf	m								f	dk gy-bk													- Coarse q grain fused in matrix
290	292	SL	c	vw		vf	m								f	dk gy-bk													
292	294	SL	c	vw		vf	m								f	dk gy-bk													
294	296	SL	c	vw		vf	m			QC	2				f	dk gy-bk													- Rare brownish/grey claystone frags
296	298	SL	c	vw		vf	m								f	dk gy-bk													
298	300	SL	c	vw		vf	m								f	dk gy-bk													
300	302	SL	c	vw		vf	m			QV	<1				f	dk gy-bk													
302	304	SL	c	vw		vf	m			QV	1				f	dk gy-bk										py	cl			small vein-breccia
304	306	SL	c	vw		vf	m								f	dk gy-bk													
306	308	SL	c	vw		vf	m								f	dk gy-bk													
308	310	SL	c	vw		vf	m								f	dk gy-bk													
310	312	SL	c	vw		vf	m								f	dk gy-bk													
312	314	SL	c	vw		vf	m								f	dk gy-bk													
314	316	SL	c	vw		vf	m								f	dk gy-bk													
316	318	SL	c	vw		vf	m								f	dk gy-bk													
318	320	SL	c	vw		vf	m								f	dk gy-bk													
320	322	SL	c	vw		vf	m								f	dk gy-bk													
322	324	SL	c	vw		vf	m								f	dk gy-bk													
324	326	SL	c	vw		vf	m								f	dk gy-bk													
326	328	SL	c	vw		vf	m								f	dk gy-bk													
328	330	SL	c	vw		vf	m								f	dk gy-bk													
330	332	SL	c	vw		vf	m								f	dk gy-bk													
332	334	SL	c	vw		vf	m								f	dk gy-bk													
334	336	SL	c	vw		vf	m								f	dk gy-bk													
336	338	SL	c	vw		vf	m								f	dk gy-bk													
338	340	SL	c	vw		vf	m								f	dk gy-bk													

Summary/Comments:

Logged by: J.C

Sheet 5 of 7

Hole No: RC07 MO-03R | **RC DRILL LOG** | **Marathon Resources Limited**

Interval			LITHOLOGY															ALTERATION													
			Rock Qualifier							Qualifier		Hydrogeology					Mineral 1			Mineral 2			Mineral 3								
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
340	342	SL	c	vw		vf	m			QV	<1				f	dk gy-bk														
342	344	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											- Wk disseminated py more obvious again
344	346	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
346	348	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
348	350	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
350	352	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
352	354	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											- Wk bleaching in part
354	356	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
356	358	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
358	360	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
360	362	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
362	364	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
364	366	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
366	368	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
368	370	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
370	372	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
372	374	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
374	376	SL	c	vw		vf	m								f	gy-dk gy	py	di	r								py			- 1-2% vf creamy siliceous frags with tr py
376	378	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
378	380	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
380	382	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
382	384	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
384	386	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
386	388	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
388	390	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
390	392	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
392	394	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
394	396	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
396	398	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
398	400	SL	c	vw		vf	m					Y	160l/min		f	gy-dk gy	py	di	r											- 160l/min flow at 400m
END OF HOLE 400m																														

Summary/Comments:

Logged by: J.C

Sheet 6 of 7

Hole No: RC07 MO-04 — RC DRILL LOG — Marathon Resources Limited

Project / Prospect: Mongolata	1:250 000 Ref: Burra	R.L. of Collar (m): 175	Precollar: From: 0 To: 72m	Drilling Contractor: VM Drilling	
Tenement: EL3164		Inclination: -60	RC Hammer: From: 0 To: 354m	Rig Type: Ingersoll-Rand DM45	
Co-ordinates (GDA)	1:100 000 Ref: Florieton	Direction (mag): 360		Date Start: 14/04/2007	
mE mN		Water: 80m	Casing Left: 54m PVC	Date Finish: 17/04/2007	

Murray Basin Sediments | Murray Basin or Older Sediments | Burra Group Shales/Slates/Siltstones | Felsics or Silicic Alteration

Interval			Rock Qualifier							Qualifier		Hydrogeology					ALTERATION													
																	Mineral 1			Mineral 2			Mineral 3								
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
0	2	Alluv	u	h		f-c		poorly std							sox	dk rb	cy	is	pv	q	is	m	cb	is	mh					- Polymictic, well rounded clasts (mainly q and meta eds) in fine clay and silt matrix.
2	4	Alluv	u	mh		f-c		poorly std							sox	dk rb	cy	is	pv	q	is	m	cb	is	mh					
4	6	Alluv	u	mh		f-c		poorly std							sox	dk rb	cy	is	pv	q	is	m	cb	is	mh					
6	8	Alluv	u	mh		f-c		poorly std							sox	dk rb	cy	is	pv	q	is	m	cb	is	mh					
8	10	Calc-Siltstone	p	h		f									sox	yl-rb	cy	is	mh	q	is	oc	cb	is	pv					- Calcreted silts, monolithic and angular frags.
10	12	Calc-Siltstone	p	h		f			Clay						sox	rb-yb	cy	is	pv	q	is	oc	cb	is	pv					- Fine grained ss, polymictic (mainly q) subangular grains (+angular ss frags), in a strongly
12	14	Calc-Siltstone	p	h		f			Clay						sox	rb-yb	cy	is	pv	q	is	oc	cb	is	pv					calcareous cement.
14	16	Calc-Siltstone	p	h		f									sox	rb	cy	is	pv	q	is	oc	cb	is	pv					
16	18	Calc-Siltstone	p	h		f									sox	rb	cy	is	pv	q	is	oc	cb	is	pv					
18	20	Calc-Siltstone	p	h		f									sox	lt rb-yb	cy	is	pv	q	is	oc	cb	is	pv					
20	22	Calc-Siltstone	p	h		f									sox	lt rb-yb	cy	is	pv	q	is	oc	cb	is	pv					- Q/Ironstone (magetite rich) gravels, ironstone pisolitic. Rare meta-sed frags of sch and qzt.
22	24	Pebble Gravel	u	vw		f-c			SS						sox	ml yl-wh-rb	q	is	mh	fe	is	m	cy	is	pv	mt				- Caves severly when wet. Try to case of these gravels prior to drilling into the water
24	26	Pebble Gravel	u	vw		f-c			SS						sox	ml yl-wh-rb	q	is	mh	fe	is	m	cy	is	pv	mt				table otherwise major drill problems will occur, including potentially bogging the rods.
26	28	Pebble Gravel	u	vw		f-c			SS						sox	ml yl-wh-rb	q	is	mh	fe	is	m	cy	is	pv	mt				
28	30	Pebble Gravel	u	vw		f-c			SS						sox	ml yl-wh-rb	q	is	mh	fe	is	m	cy	is	pv	mt				
30	32	Pebble Gravel	u	vw		f-c			SS						sox	ml yl-wh-rb	q	is	mh	fe	is	m	cy	is	pv	mt				
32	34	Pebble Gravel	u	vw		f-c			SS						sox	ml yl-wh-rb	q	is	mh	fe	is	m	cy	is	pv	mt				
34	36	Clay	p	vw		vf-c			Gravel						sox	ml rd-lt bn	q	is	oc	cy	is	pv								
36	38	Clay	p	vw		vf-c			Gravel						sox	ml rd-lt bn	q	is	oc	cy	is	pv								
38	40	Sap. Shale	p	vw		vf-f		Wk Slaty cleavage	Clay						sox	ml dk gy-ol	li	jt	r	cy	is	mh								
40	42	Sap. Shale	p	vw		vf-f		Wk Slaty cleavage	Clay						sox	ml dk gy-ol	li	jt	r	cy	is	mh								
42	44	Sap. Shale	p	vw		vf-f									mox	ml dk gy-ol	cy	is	m	mi	is	m								
44	46	Sap. Shale	c	vw		vf-f									mox	ml dk gy-ol	cy	is	oc	mi	is	m								
46	48	Sap. Shale	c	vw		vf-f									mox	ml dk gy-ol	cy	is	mh	mi	is	m								
48	50	Sap. Shale	c	vw		vf-f									mox	dk gy	cy	is	mh	mi	is	oc								
50	52	SL	c	vw		vf-f									wox	dk gy	li	jt	oc	cy	jt	oc								
52	54	SL	c	vw		vf-f									wox	dk gy	li	jt	oc	cy	jt	oc								
54	56	SL	c	vw		vf-f									wox	dk gy	li	jt	oc	cy	jt	oc								
56	58	SL	c	vw		vf-f									wox	dk gy	li	jt	oc	cy	jt	oc								
58	60	SL	c	vw		vf-f									mox	ml gy-bn	mi	is	oc											

Summary/Comments: *** Collar Coords are set out only - not precise**

Logged by: J.C

Sheet 1 of 6

Hole No: RC07 MO-04 | **RC DRILL LOG** | **Marathon Resources Limited**

Interval		LITHOLOGY														ALTERATION													
			Rock Qualifier						Qualifier		Hydrogeology					Mineral 1			Mineral 2			Mineral 3							
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
60	62	SL	c	vw		f									wox	dk gy	li	jt	r											Rare and very small Quartz veinlets visible throughout unit along with minor
62	64	SL	c	vw		f									wox	dk gy	li	jt	r											disseminated Pyrite and occassional, slightly coarser lithic clasts.
64	66	SL	c	vw		f									wox	dk gy	li	jt	r											Subtle bleaching in part.
66	68	SL	c	vw		f									wox	dk gy	li	jt	r											
68	70	SL	c	vw		f									wox	dk gy	li	jt	r											
70	72	SL	c	vw		f									wox	dk gy	li	jt	r											
72	74	SL	c	vw		f									wox	dk gy	li	jt	r											
74	76	SL	c	vw		f									wox	dk gy-bk	li	jt	oc											
76	78	SL	c	vw		f									wox	dk gy-bk	li	jt	r	cy	jt	r								
78	80	SL	c	vw		f									wox	dk gy-bk	li	jt	r											
80	82	SL	c	vw		f									wox	dk gy-bk	li	jt	r											
82	84	SL	c	vw		f									wox	dk gy-bk	li	jt	r	py	di	r								
84	86	SL	c	vw		f									F	dk gy-bk	li	jt	r											
86	88	SL	c	vw		f									F	dk gy-bk														
88	90	SL	c	vw		f									F	dk gy-bk														
90	92	SL	c	vw		f									F	dk gy-bk														
92	94	SL	c	vw		f									F	dk gy-bk														
94	96	SL	c	vw		f									F	dk gy-bk														
96	98	SL	c	vw		f									F	dk gy-bk														
98	100	SL	c	vw		f									F	dk gy-bk														
100	102	SL	c	vw		f									F	dk gy-bk														
102	104	SL	c	vw		f									F	dk gy-bk	py	jt	r											
104	106	SL	c	vw		f									F	dk gy-bk	py	jt	r											
106	108	SL	c	vw		f									F	dk gy-bk														
108	110	SL	c	vw		f									F	dk gy-bk														
110	112	SL	c	vw		f									F	dk gy-bk														
112	114	SL	c	vw		f									F	dk gy-bk														
114	116	SL	c	vw		f-m									F	dk gy-bk	py	av	r											
116	118	SL	c	vw		f-m									F	dk gy-bk	py	av	r											
118	120	SL	c	vw		f-m									F	dk gy-bk														
120	122	SL	c	vw		f-m									F	dk gy-bk														
122	124	SL	c	vw		f-m									F	dk gy-bk	py	di	r											
124	126	SL	c	vw		f-m									F	dk gy-bk														
126	128	SL	c	vw		f-m									F	dk gy-bk														
128	130	SL	c	vw		f-m									F	dk gy-bk														

Summary/Comments:

Logged by: J.C

Hole No: RC07 MO-04 | **RC DRILL LOG** | **Marathon Resources Limited**

Interval		LITHOLOGY														ALTERATION												
			Rock Qualifier						Qualifier		Hydrogeology					Mineral 1			Mineral 2			Mineral 3						
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
130	132	SL	c	vw		vf	m								f	dk gy-bk													Rare and very small Quartz veinlets visible throughout unit along with minor
132	134	SL	c	vw		vf	m								f	dk gy-bk													disseminated Pyrite and occassional, slightly coarser lithic clasts.
134	136	SL	c	vw		vf	m								f	dk gy-bk													Subtle bleaching in part.
136	138	SL	c	vw		vf	m								f	dk gy-bk													
138	140	SL	c	vw		vf	m								f	dk gy-bk													
140	142	SL	c	vw		vf	m								f	dk gy-bk													
142	144	SL	c	vw		vf	m								f	dk gy-bk													
144	146	SL	c	vw		vf	m								f	dk gy-bk													
146	148	SL	c	vw		vf	m								f	dk gy-bk													
148	150	SL	c	vw		vf	m								f	dk gy-bk													
150	152	SL	c	vw		vf	m								f	dk gy-bk													
152	154	SL	c	vw		vf	m								f	dk gy-bk	py	is	r										
154	156	SL	c	vw		vf	m								f	dk gy-bk	py	is	r										
156	158	SL	c	vw		vf	m								f	dk gy-bk	py	is	r										
158	160	SL	c	vw		vf	m								f	dk gy-bk	py	is	r										
160	162	SL	c	vw		vf	m								f	dk gy-bk													
162	164	SL	c	vw		vf	m								f	dk gy-bk	py		r										
164	166	SL	c	vw		vf	m								f	dk gy-bk													
166	168	SL	c	vw		vf	m								f	dk gy-bk													
168	170	SL	c	vw		vf	m								f	dk gy-bk													
170	172	SL	c	vw		vf	m								f	dk gy-bk	py	is	r										
172	174	SL	c	vw		vf	m								f	dk gy-bk													
174	176	SL	c	vw		vf	m								f	dk gy-bk	py	is	r										
176	178	SL	c	vw		vf	m								f	dk gy-bk													
178	180	SL	c	vw		vf	m								f	dk gy-bk													
180	182	SL	c	vw		vf	m								f	dk gy-bk													
182	184	SL	c	vw		vf	m								f	dk gy-bk													
184	186	SL	c	vw		vf	m								f	dk gy-bk	py	di	r										
186	188	SL	c	vw		vf	m								f	dk gy-bk	py	di	r										
188	190	SL	c	vw		vf	m								f	dk gy-bk	py	di	r										
190	192	SL	c	vw		vf	m								f	dk gy-bk	py	di	r										
192	194	SL	c	vw		vf	m								f	dk gy-bk	py	di	r										
194	196	SL	c	vw		vf	m								f	dk gy-bk	py	di	oc										
196	198	SL	c	vw		vf	m								f	dk gy-bk	py	di	r										
198	200	SL	c	vw		vf	m								f	dk gy-bk	py	di	r										

Summary/Comments:

Logged by: J.C

Sheet 3 of 6

Hole No: RC07 MO-04 | **RC DRILL LOG** | **Marathon Resources Limited**

Interval		LITHOLOGY															ALTERATION													
			Rock Qualifier						Qualifier		Hydrogeology						Mineral 1			Mineral 2			Mineral 3							
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
200	202	SL	c	vw		vf	m	fairly massive and							f	dk gy-bk	py	di	r											Rare and very small Quartz veinlets visible throughout unit along with minor
202	204	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											disseminated Pyrite and occassional, slightly coarser lithic clasts.
204	206	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											Subtle bleaching in part.
206	208	SL	c	vw		vf	m								f	dk gy-bk	py	di	r	py	jt	r				po				
208	210	SL	c	vw		vf	m								f	dk gy-bk	py	di	r							po				
210	212	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
212	214	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
214	216	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
216	218	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
218	220	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
220	222	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
222	224	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
224	226	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
226	228	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
228	230	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
230	232	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
232	234	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
234	236	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
236	238	SL	c	vw		vf	m								f	dk gy-bk	py	di	r									py		- Joint plane veinlets with trace sulphides
238	240	SL	c	vw		vf	m								f	dk gy-bk	py	di	r									py		
240	242	SL	c	vw		vf	m								f	dk gy-bk	py	di	r									py		
242	244	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
244	246	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
246	248	SL	c	vw		vf	m								f	dk gy-bk	py	di	r	py	av	oc	q	av	mh	cb		po		- Large Quartz/Carbonate vein
248	250	SL	c	vw		vf	m								f	dk gy-bk	py	di	r	py	di	r								- Small bleached frags, siliceous/cherty.
250	252	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											- One very fine Sandstone wisp through a large cutting, + minor bleaching.
252	254	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
254	256	SL	c	vw		vf	m								f	dk gy-bk	py	di	r									py	po	
256	258	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
258	260	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											- Minor bleaching and zoned alteration associated with joints and minor sed. Lams
260	262	SL	c	vw		vf	m								f	dk gy-bk	py	di	r									cl		- Chlorite on some joint planes
262	264	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
264	266	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
266	268	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
268	270	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											

Summary/Comments:

Logged by: J.C

Sheet 4 of 6

Hole No: RC07 MO-04 | **RC DRILL LOG** | **Marathon Resources Limited**

LITHOLOGY																		ALTERATION														
Interval			Rock Qualifier							Qualifier		Hydrogeology						Mineral 1			Mineral 2			Mineral 3								
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
270	272	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											Rare and very small Quartz veinlets visible throughout unit along with minor
272	274	SL	c	vw		vf	m								f	dk gy-bk														disseminated Pyrite and occassional, slightly coarser lithic clasts.
274	276	SL	c	vw		vf	m								f	dk gy-bk														Subtle bleaching in part.
276	278	SL	c	vw		vf	m								f	dk gy-bk														
278	280	SL	c	vw		vf	m								f	dk gy-bk														
280	282	SL	c	vw		vf	m								f	ml dk gy-wl	py	av	m											
282	284	SL	c	vw		vf	m								f	dk gy-bk														
284	286	SL	c	vw		vf	m								f	dk gy-bk														
286	288	SL	c	vw		vf	m								f	dk gy-bk														
288	290	SL	c	vw		vf	m								f	dk gy-bk														
290	292	SL	c	vw		vf	m								f	dk gy-bk														
292	294	SL	c	vw		vf	m								f	dk gy-bk														
294	296	SL	c	vw		vf	m								f	dk gy-bk														
296	298	SL	c	vw		vf	m								f	dk gy-bk														
298	300	SL	c	vw		vf	m								f	dk gy-bk														
300	302	SL	c	vw		vf	m								f	dk gy-bk														
302	304	SL	c	vw		vf	m								f	dk gy-bk										py	cl			
304	306	SL	c	vw		vf	m								f	dk gy-bk														
306	308	SL	c	vw		vf	m								f	dk gy-bk														
308	310	SL	c	vw		vf	m								f	dk gy-bk														
310	312	SL	c	vw		vf	m								f	dk gy-bk														
312	314	SL	c	vw		vf	m								f	dk gy-bk														
314	316	SL	c	vw		vf	m								f	dk gy-bk														
316	318	SL	c	vw		vf	m								f	dk gy-bk														
318	320	SL	c	vw		vf	m								f	dk gy-bk														
320	322	SL	c	vw		vf	m								f	dk gy-bk														
322	324	SL	c	vw		vf	m								f	dk gy-bk														
324	326	SL	c	vw		vf	m								f	dk gy-bk														
326	328	SL	c	vw		vf	m								f	dk gy-bk														
328	330	SL	c	vw		vf	m								f	dk gy-bk														
330	332	SL	c	vw		vf	m								f	dk gy-bk														
332	334	SL	c	vw		vf	m								f	dk gy-bk														
334	336	SL	c	vw		vf	m								f	dk gy-bk														
336	338	SL	c	vw		vf	m								f	dk gy-bk														
338	340	SL	c	vw		vf	m								f	dk gy-bk														

Summary/Comments:

Logged by: J.C

Sheet 5 of 6

Hole No: RC07 MO-04 | **RC DRILL LOG** | **Marathon Resources Limited**

LITHOLOGY																		ALTERATION												
Interval			Rock Qualifier							Qualifier		Hydrogeology						Mineral 1			Mineral 2			Mineral 3						
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
340	342	SL	c	vw		vf	m			QV	<1				f	dk gy-bk														
342	344	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
344	346	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
346	348	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
348	350	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
350	352	SL	c	vw		vf	m								f	dk gy-bk	py	di	r											
352	354	SL	c	vw		vf	m								f	gy-dk gy	py	di	r											
END OF HOLE 354m																														

Summary/Comments:

Logged by: J.C

Sheet 6 of 6

Hole No: RC07 MO-05 — RC DRILL LOG — Marathon Resources Limited

Project / Prospect:	Mongolata	1:250 000 Ref:	R.L. of Collar (m):	Precollar: From: 0 To: 60m	Drilling Contractor: VM Drilling
Tenement:	EL3164	Burra	Inclination: -60	RC Hammer: From: 0 To: 300m	Rig Type: Ingersoll-Rand DM45
Co-ordinates (GDA)		1:100 000 Ref:	Direction (mag): 360		Date Start: 17/04/2007
mE	mN	Florieton	Water: NR	Casing Left: 60m	Date Finish: 20/04/2007

Murray Basin Sediments | Murray Basin or Older Sediments | Burra Group Shales/Slates/Siltstones | Felsics or Silicic Alteration

Interval			LITHOLOGY															ALTERATION																
			Rock Qualifier							Qualifier		Hydrogeology						Mineral 1			Mineral 2			Mineral 3										
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
0	2	Alluv	u	m		fc		poorly std, oc w rd gravel	gravel						sox	ob	q	is	m												- Clay rich alluvium, quite calcareous (with frags of calcrete), Polymictic, - but lithic/q
2	4	Alluv	u	m		fc		poorly std, oc w rd gravel	gravel						sox	ob	q	is	m												mostly, poorly std, high clay content, balls up when wet.
4	6	Alluv	u	m		fc		poorly std, oc w rd gravel	gravel						sox	ob	q	is	m												
6	8	Alluv	u	m		fc		poorly std, ab w rd gravel	gravel						sox	ob	q	is	m												
8	10	Calc Siltstone	c	h		f		angular frags							sox	yb-ob	q	is	pv												- Quite a lot of clays with calc silts. Frags T.O, could be contamination or could be
10	12	Alluv	u	m		fc		rd pebbles							sox	ob	q	is	mh	cy	is	pv	fe	is	mh	mt					saprolitic calc-siltstone OR partially calcreted alluv.
12	14	Pebble Gravel	u	w		fc		p std							sox	ml ob-rb	q	is	pv	cy	is	pv	fe	is	mh	mt					
14	16	Pebble Gravel	u	w		fc		p std							sox	ml ob-rb	q	is	pv	cy	is	pv	fe	is	mh	mt					
16	18	Pebble Gravel	u	w		fc		p std							sox	ml ob-rb	q	is	pv	cy	is	pv	fe	is	mh	mt					- Grains to 30mm in diameter, often well rounded.
18	20	Calc Siltstone	c	h		f		angular frags							sox	ml yl-ob	q	is	pv												- q often bucky.
20	22	Pebble Gravel	u	w		fc		p std							sox	ml ob-rb	q	is	pv												
22	24	Clay	p	vw		f		puggy, com pebbles							sox	ml yb-ob	cy	is	pv												- Contains either small pebble bands or dissem. Pebbles, mostly q/lithic, sub rd.
24	26	Calc Siltstone	c	h		f		angular frags	clayey alluv						sox	gy	cb	is	pv	q	is	oc									
26	28	Calc Siltstone	c	h		f		angular frags	pebble gravel						sox	ml yb-rb	cb	is	pv	q	is	oc									
28	30	Calc Siltstone	c	h		f		angular frags							sox	ml yb-rb	cb	is	pv	q	is	oc									
30	32	Clay	p	vw		f		occ non-cy frags							sox	ml go-rd	cy	is	pv	q	is	r									
32	34	Clay	p	vw		f		occ non-cy frags							sox	ml yb-rd	cy	is	pv	q	is	r									
34	36	Clay	p	vw		f		occ non-cy frags							sox	ml yb-bn	cy	is	pv	q	is	r									
36	38	Saprolitic Shale	p	vw		f									sox	yb-gg	cy	is	pv	mi	is	mh	q	is	pv	mn					
38	40	Saprolitic Shale	p	vw		f		grains look wk fol.							sox	ml yb-gy	cy	is	pv	mi	is	mh	q	is	m						- 24-30m may be contaminated (?) with fine sands and silts from the interval 10-18m.
40	42	Saprolitic Shale	c	vw		f		sap. Is f-c, shale is f grained							sox	ml go-gg	cy	is	pv	mi	is	mh	q	is	m	li	cb				- Wk microschistocity, visible only in weathered portion of unit
42	44	Saprolitic Shale	c	vw		f		sap. Is f-c, shale is f grained							mox	gy-go	mi	is	pv	cy	is	mh				li					
44	46	Saprolitic Shale	c	vw		f		sap. Is f-c, shale is f grained							mox	gy-yb	mi	is	pv	cy	is	mh				li					
46	48	Saprolitic Shale	c	vw		f		sap. Is f-c, shale is f grained							mox	gy	mi	is	pv	cy	is	mh									
48	50	Saprolitic Shale	c	vw		f		sap. Is f-c, shale is f grained							mox	lt yl-gy	mi	is	pv	cy	is	mh				li	mn				
50	52	Saprolitic Shale	c	vw		f		sap. Is f-c, shale is f grained							mox	lt yl-gy	mi	is	pv	cy	is	mh				li					
52	54	Saprolitic Shale	c	vw		f		sap. Is f-c, shale is f grained							mox	lt yl-gy	mi	is	pv	cy	is	mh				li					
54	56	SL	c	vw		vf-f									wox	gy	li	jt	r												
56	58	SL	c	vw		f		grades to silt							wox	gy	li	di	r	fe	is	r									- Small Fe rich laminations evident ®
58	60	SL	c	vw		f		grades to silt							wox	gy	li	di	r												- Wk disseminated Li alteration of certain clasts

Summary/Comments: * Collar Coords are set out only - not precise

Logged by: J.C

Sheet 1 of 7

Hole No: RC07 MO-05 | **RC DRILL LOG** | **Marathon Resources Limited**

Interval		LITHOLOGY														ALTERATION												
			Rock Qualifier							Qualifier		Hydrogeology							Mineral 1			Mineral 2			Mineral 3					
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
60	62	SL	c	vw		vf-f									wox	yg-gy	mi	is	pv	cy	is	pv	li	di	oc					
62	64	SL	c	vw		vf-f									wox	yg-gy	mi	is	pv	cy	is	pv	li	di	oc					
64	66	SL	c	vw		vf-f									wox	gy	mi	is	pv	cy	is	pv	li	jt	m					
66	68	SL	c	vw		vf-f									wox	ml gy-yb	mi	is	pv	cy	is	pv	li	jt	m					
68	70	SL	c	vw		vf-f									wox	ml gy-yb	mi	is	pv	cy	is	pv	li	jt	m					
70	72	SL	c	vw		vf-f									wox	ml gy-yb	mi	is	pv	cy	is	pv	li	jt	m					
72	74	SL	c	vw		vf-f									wox	ml gy-yb	mi	is	pv	cy	is	pv	li	jt	m					
74	76	SL	c	vw		vf-f									wox	gy- dkgy	mi	is	pv	cy	is	pv	li	jt	m					- Alteration halo's adjacent to jts
76	78	SL	c	vw		vf-f									wox	dk gy														- No longer seeing mi grains nor feeling clay alteration confidently
78	80	SL	c	vw		vf-f									wox	dk gy														
80	82	SL	c	vw		vf-f									f	dk gy	py	di	r	py	jt	r	li		r					
82	84	SL	c	vw		vf-f									f	dk gy	li	jt	oc											
84	86	SL	c	vw		vf-f									wox	ml dk gy-yb	mi	is	oc	cy	jt	oc	li	jt	r					- Wk alteration probable pervading jts and bedding.
86	88	SL	c	vw		vf-f									wox	ml dk gy-yb	mi	is	oc	cy	jt	oc	li	jt	r					- Sharp alteration contacts
88	90	SL	c	vw		vf-f									wox	dk gy	li	jt	r											
90	92	SL	c	vw		vf-f									wox	dk gy	py	di	r	li	jt	r								
92	94	SL	c	vw		vf-f									f	ml dk gy-yb	mi	is	oc	cy	is	oc	li	jt	oc					
94	96	SL	c	vw		vf-f									f	dk gy	li	jt	r							py				* More disseminated Py and less/no disseminated black siliceous frags
96	98	SL	c	vw		vf-f									f	dk gy	li	jt	r											↓
98	100	SL	c	vw		vf-f									f	dk gy	li	jt	r											
100	102	SL	c	vw		vf-f									f	dk gy	li	jt	r											
102	104	SL	c	vw		vf-f						Y	10l/min	No	f	dk gy	py	jt	r	py	di	r	li	jt	r					- Wk ground water flow measures at 101m, probably came in around 40-60m
104	106	SL	c	vw		vf-f									f	dk gy	py	jt	r	py	di	r	li	jt	r					
106	108	SL	c	vw		vf-f									f	dk gy	py	jt	r	py	di	r	li	jt	r					
108	110	SL	c	vw		vf-f		Wk Slaty cleavage							f	dk gy	py	jt	r	py	di	r	li	jt	r					
110	112	SL	c	vw		vf-f		Wk Slaty cleavage							f	dk gy	py	jt	r	py	di	r	li	jt	r					
112	114	SL	c	vw		vf-f									f	dk gy	py	jt	r	py	di	r	li	jt	r					
114	116	SL	c	vw		vf-f				QV	15				wox	ml gy-wh	py	jt	r	py	av	oc	li	jt	r	q				- Moderate bucky q veining and wk sil. Alteration
116	118	SL	c	vw		vf-f				QV	5				wox	lt gy-gy	py	di	oc	py	av	oc	li	jt	r	q				- Wk bucky q veining and wk sil. Alteration
118	120	SL	c	vw		vf-f				QV	5				wox	ml gy-wh	py	av	r	li	jt	r				q				- Wk bucky q veining and wk sil. Alteration, less py
120	122	SL	c	vw		vf-f		Wk slaty cleavage		QV	1				wox	dk gy	py	av	r	li	jt	r				q				
122	124	SL	c	vw		vf-f									f	dk gy	py	jt	r	py	di	r	li	jt	r					
124	126	SL	c	vw		vf-f									wox	dk gy-gy	li	jt	r							py				
126	128	SL	c	vw		vf-f		common jointing							wox	dk gy-gy	py	di	r											- Wk bleaching, probably strongly jointed or a wk fracture zone with ground water flow
128	130	SL	c	vw		vf-f				QV	<1				wox	ml ob-gy	cy	jt	oc	q	av	r	li	jt	m					

Summary/Comments:

Logged by: J.C

Sheet 2 of 7

Hole No: RC07 MO-05 | **RC DRILL LOG** | **Marathon Resources Limited**

Interval			LITHOLOGY															ALTERATION												
			Rock Qualifier							Qualifier		Hydrogeology						Mineral 1			Mineral 2			Mineral 3						
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
130	132	SL	c	vw		vf-f									sox	ml yb-gy	cy	pv	pv	li	jt	r								- Pervasive clay alteration
132	134	SL	c	vw		vf-f				QV	1				f	dk gy	li	jt	r											
134	136	SL	c	vw		vf-f				QV	3				f	dk gy	li	jt	r							cb				- Trace cb in QV
136	138	SL	c	vw		vf-f									f	dk gy														
138	140	SL	c	vw		vf-f									f	dk gy														
140	142	SL	c	vw		vf-f									f	dk gy										py				- Unit becoming quite carbonaceous eg. Resineous surface when wet and 'slicked'
142	144	SL	c	vw		vf-f									f	dk gy														coating on water surface when drilling.
144	146	SL	c	vw		vf-f				QV	<1				f	dk gy	py	jt	r											
146	148	SL	c	vw		vf-f									f	dk gy	py	di	r											
148	150	SL	c	vw		vf-f									f	dk gy-gy	py	di	oc											
150	152	SL	c	vw		vf-f									f	dk gy										py				
152	154	SL	c	vw		vf-f									f	dk gy										py				
154	156	SL	c	vw		vf-f									f	dk gy- bf gy										py				- Slightly bleached again but less associated py
156	158	SL	c	vw		vf-f		Grades to fine siltstone		QV	<1				f	dk gy- bf gy										py				- Strongly bleached, change in colour to buff-grey or possibly
158	160	SL	c	vw		vf-f									f	dk gy- bf gy										py				
160	162	SL	c	vw		vf-f									f	dk gy- bf gy	py	di	r											- 80% dk gy 20% buff
162	164	SL	c	vw		vf-f									f	dk gy- bf gy	py	di	r											- 90% dk gy 10% buff
164	166	SL	c	vw		vf-f		Wk Slaty cleavage							f	dk gy	py	jt	r	py	di	r								- Slightly siltier and slaty
166	168	SL	c	vw		vf-f									f	dk gy										py				- 2-5% buff coloured shale (could be sideritic)
168	170	SL	c	vw		vf-f									f	dk gy														
170	172	SL	c	vw		vf-f									f	dk gy	py	di	r											
172	174	SL	c	vw		vf-f									f	dk gy										py				
174	176	SL	c	vw		vf-f									f	dk gy										py				- 60% dk gy 40% buff
176	178	SLT	c	vw		f									f	gy	py	di	r	mi	is	m								
178	180	SL	c	vw		vf-f									f	dk gy- bf gy	py	di	r											- 50% dk gy 50% buff
180	182	SL	c	vw		vf-f									f	dk gy- bf gy	py	di	r											- 90% dk gy 10% buff
182	184	SL	c	vw		vf-f									f	dk gy	py	jt	r											
184	186	SL	c	vw		vf-f									f	dk gy										py				
186	188	SL	c	vw		vf-f									f	dk gy										py				
188	190	SL	c	vw		vf-f									f	dk gy- bf gy										py				- 50% dk gy 50% buff
190	192	SL	c	vw		vf-f									f	dk gy- bf gy										py				- 50% dk gy 50% buff
192	194	SL	c	vw		vf-f									f	dk gy- bf gy	py	jt	r											- 90% dk gy 10% buff
194	196	SL	c	vw		vf-f									f	dk gy	py	jt	r											
196	198	SL	c	vw		vf-f									f	dk gy										py				
198	200	SL	c	vw		vf-f									f	dk gy	py	di	r											

Summary/Comments:

Logged by: J.C

Hole No: RC07 MO-05 | **RC DRILL LOG** | **Marathon Resources Limited**

Interval		LITHOLOGY														ALTERATION												
		Rock Qualifier							Qualifier		Hydrogeology					Mineral 1			Mineral 2			Mineral 3						
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
200	202	SL	c	vw		vf-f				CV	<1				f	dk gy										py				
202	204	SL	c	vw		vf-f									f	dk gy										py				- Carbonaceous material coating drill returns
204	206	SL	c	vw		vf-f				CV	<1				f	dk gy										py				(graphitic)
206	208	SL	c	vw		vf-f									f	dk gy										py				
208	210	SL	c	vw		vf-f									f	dk gy	py	di	r											
210	212	SL	c	vw		vf-f		Wk Slaty cleavage							f	dk gy	py	jt	r	py	di	r								
212	214	SL	c	vw		vf-f									f	dk gy	py	jt	r	py	di	r								
214	216	SL	c	vw		vf-f									f	dk gy	py	jt	r	py	di	r								
216	218	SL	c	vw		vf-f				SV	<1				f	dk gy	py	av	r	py	di	r								- very minor sulphide veining
218	220	SL	c	vw		vf-f									f	dk gy	py	jt	r	py	di	r								
220	222	SL	c	vw		vf-f									f	dk gy	py	jt	r	py	di	oc								- Wk alteration and bleaching, wk suls minz.
222	224	SL	c	vw		vf-f									f	dk gy-wh										py				
224	226	SL	c	vw		vf-f				QV	10				f	dk gy										py				
226	228	SL	c	vw		vf-f									f	dk gy										py				
228	230	SL	c	vw		vf-f									f	dk gy										py				
230	232	SL	c	vw		vf-f									f	dk gy										py				
232	234	SL	c	vw		vf-f									f	dk gy										py				
234	236	SL	c	vw		vf-f		Wk Slaty Cleavage							f	dk gy										py				
236	238	SL	c	vw		vf-f									f	dk gy										py				
238	240	SL	c	vw		vf-f									f	dk gy										py				
240	242	SL	c	vw		vf-f									f	dk gy										py				
242	244	SL	c	vw		vf-f									f	dk gy										py				- Frags more finer than usual - fracture zone?
244	246	SL	c	vw		vf-f									f	dk gy	py	jt	r											
246	248	SL	c	vw		vf-f									f	dk gy										py				
248	250	SL	c	vw		vf-f									f	dk gy										py				
250	252	SL	c	vw		vf-f									f	dk gy										py				
252	254	SL	c	vw		vf-f									f	dk gy	py	di	r											
254	256	SL	c	vw		vf-f									f	dk gy	py	di	r											
256	258	SL	c	vw		vf-f									f	dk gy	py	di	r											
258	260	SL	c	vw		vf-f									f	dk gy	py	di	r	py	jt	r								
260	262	SL	c	vw		vf-f									f	dk gy-bk	py	di	r											- Shale unit is darkening, almost black when wet.
262	264	SL	c	vw		vf-f									f	dk gy										py				
264	266	SL	c	vw		vf-f									f	dk gy										py				
266	268	SL	c	vw		vf-f									f	dk gy	py	di	oc											
268	270	SL	c	vw		vf-f									f	dk gy-bk										py				

Summary/Comments:

Logged by: J.C

Sheet 4 of 7

Hole No: RC07 MO-05 | **RC DRILL LOG** | **Marathon Resources Limited**

Interval			LITHOLOGY															ALTERATION												
			Rock Qualifier							Qualifier		Hydrogeology						Mineral 1			Mineral 2			Mineral 3						
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
270	272	SL	c	vw		vf-f									f	dk gy-bk	py	di	r											
272	274	SL	c	vw		vf-f				QV	5				f	dk gy-bk	py	di	r											- Quite graphitic still
274	276	SL	c	vw		vf-f				QV	1				f	dk gy-bk	py	di	r											
276	278	SL	c	vw		vf-f									f	dk gy-bk	py	di	r											
278	280	SL	c	vw		vf-f									f	dk gy-bk	py	di	r											
280	282	SL	c	vw		vf-f		wk slaty cleavage							f	dk gy-bk	py	di	r											
282	284	SL	c	vw		vf-f				QS	<1				f	dk gy-bk	py	di	r											
284	286	SL	c	vw		vf-f									f	dk gy-bk										py				
286	288	SL	c	vw		vf-f									f	dk gy-										py				
288	290	SL	c	vw		vf-f									f	dk gy-bk	py	di	r											
290	292	SL	c	vw		vf-f									f	dk gy-bk										py				
292	294	SL	c	vw		vf-f									f	dk gy-bk										py				
294	296	SL	c	vw		vf-f				CV	<1				f	dk gy										py				
296	298	SL	c	vw		vf-f				CV	1				f	dk gy	py	di	r											
298	300	SL	c	vw		vf-f				CV	<1	Y	10l/min	No	f	dk gy	py	di	r							py				- No end of hole flow test done but wk flow estimated at 10l per minute.
END OF HOLE 300m																														

Summary/Comments:

Logged by: J.C

Sheet 5 of 7

Hole No: RC07 MO-06 — RC DRILL LOG — Marathon Resources Limited

Project / Prospect:	Mongolata	1:250 000 Ref:	R.L. of Collar (m): 175	Precollar: From: 0 To: 54m	Drilling Contractor: VM Drilling
Tenement:	EL3164	Burra	Inclination: -60	RC Hammer: From: 0 To: 54m	Rig Type: Ingersoll-Rand DM45
Co-ordinates (GDA)		1:100 000 Ref:	Direction (mag): 360		Date Start: 20/04/2007
mE	mN	Florieton	Water: 42m	Casing Left: 0m	Date Finish: 22/04/2007

Murray Basin Sediments | Murray Basin or Older Sediments | Burra Group Shales/Slates/Siltstones | Felsics or Silicic Alteration

Interval			LITHOLOGY															ALTERATION													
			Rock Qualifier							Qualifier		Hydrogeology						Mineral 1			Mineral 2			Mineral 3							
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
0	2	Alluv	u	vh		f-c		poorly sorted, mod. Rnd.	gravel						sox	rb-ob	q	IS	M	cy	IS	PV	cb	IS	PV	fe				Clayey alluvium with common q and lithic pebbles
2	4	Alluv	u	h		f-c		poorly sorted, mod. Rnd.	gravel						sox	rb-ob	q	IS	M	cy	IS	PV	cb	IS	MH	fe				
4	6	Alluv	u	h		f-c		poorly sorted, mod. Rnd.	gravel						sox	rb-ob	q	IS	OC	cy	IS	PV	cb	IS	MH	fe				common siltstone fragments
6	8	Alluv	u	h		f-c		poorly sorted, mod. Rnd.	gravel						sox	ob	q	IS	M	cy	IS	PV	cb	IS	PV	fe				
8	10	Alluv	u	h		f-c		poorly sorted, mod. Rnd.	calc silt						sox	ob	q	IS	M	cy	IS	MH	cb	IS	PV	fe				
10	12	Calc. Siltstone	c	vh		f-c		well rnd, angular							sox	ob	q	IS	R	cy	IS	M	cb	IS	PV					
12	14	Calc. Siltstone	c	vh		f-c		well rnd, angular							sox	ob	q	IS	R	cy	IS	M	cb	IS	PV					
14	16	Pebble Gravel	u	w		m-c		poorly sorted, mod. Rnd.							sox	ml ob-wh	q	IS	R	cy	IS	MH	fe	IS	M	cb				
16	18	Calc. Siltstone	c	vh		f-c		well rnd, angular	gravel						sox	ob	q	IS	R	cy	IS	M	cb	IS	PV					
18	20	Pebble Gravel	u	m		f-c		poorly sorted, mod. Rnd.							sox	ml ob-wh	q	IS	MH	cy	IS	M	fe	IS	MH	cb				
20	22	Pebble Gravel	u	w		f-c		poorly sorted, mod. Rnd.							sox	ml rb-wh	q	IS	pv	cy	IS	mh	fe	IS	m	cb				com. Slt and ss frags.
22	24	Pebble Gravel	u	m		f-c		poorly sorted, mod. Rnd.	calc ss						sox	ml rb-bn	q	IS	mh	cy	IS	m	fe	IS	m	cb				com. Ss frags
24	26	Calc. Sandstone	c	mh		f-c		poorly sorted, mod. Rnd.	gravel						sox	ml rb-wh	q	IS	mh	cy	IS	m	fe	IS	oc	cb				com. Gravel/pebble bands
26	28	Pebble Gravel	u	w		f-c		poorly sorted, mod. Rnd.	calc ss						sox	ml rb-wh	q	IS	pv	cy	IS	m	fe	IS	m	cb				
28	30	Pebble Gravel	u	w		f-c		poorly sorted, mod. Rnd.							sox	ml ob-yb	q	IS	pv	cy	IS	mh	fe	IS	m	cb				
30	32	Pebble Gravel	u	w		f-c		poorly sorted, mod. Rnd.							sox	ml wh-yb	q	IS	pv	cy	IS	mh	fe	IS	m	cb				
32	34	Silty Clay	p	vw		vf-c		poorly sorted	gravel						sox	ml wh-yb	q	IS	r	cy	IS	PV								oc. Large (40mm) SL clasts
34	36	Silty Clay	p	vw		vf-c		poorly sorted	gravel						sox	ml yb-ob	q	IS	r	cy	IS	PV								occ. pebbles
36	38	Clay	p	vw		vf-c		poorly sorted							sox	lt yg	q	IS	r	cy	IS	PV								
38	40	Saprolitic Siltstone	p	vw		f									sox	yb-gy	cy	IS	pv	mi	IS	m	q	is	oc					weak mn coatings
40	42	Saprolitic Siltstone	p	vw		f									sox	yb	cy	IS	pv	mi	IS	m								weak mn coatings
42	44	Saprolitic Siltstone	p	vw		f									sox	yb	cy	IS	pv											
44	46	Saprolitic Siltstone	p	vw		f		weak foliation/schistocity							sox	yb	cy	IS	pv											
46	48	Saprolitic Siltstone	c	vw		f		weak foliation/schistocity							sox	yb	cy	IS	mh											
48	50	Saprolitic Siltstone	c	vw		f									sox	yb	cy	IS	mh											
50	52	Saprolitic Siltstone	c	vw		f									sox	yb	cy	IS	m	mi	is	oc								
52	54	Saprolitic Siltstone	c	vw		f									sox	yb	cy	IS	m											
	End of Hole 54m - Hole Abandoned																													

Summary/Comments: * Collar Coords are set out only - not precise

Logged by: J.C

Hole No: RC07 MO-06R — RC DRILL LOG — Marathon Resources Limited

Project / Prospect: Mongolata	1:250 000 Ref:	R.L. of Collar (m): 175	Precollar: From: 0 To: 54m	Drilling Contractor: VM Drilling
Tenement: EL3164	Burra	Inclination: -60	RC Hammer: From: 0 To: 372m	Rig Type: Ingersoll-Rand DM45
Co-ordinates (GDA)	1:100 000 Ref:	Direction (mag): 360		Date Start: 22/04/2007
mE mN	Florieton	Water: 66m	Casing Left: 54m PVC	Date Finish:25/04/2007

Murray Basin Sediments | Murray Basin or Older Sediments | Burra Group Shales/Slates/Siltstones | Felsics or Silicic Alteration

Interval			Rock Qualifier								Qualifier		Hydrogeology					ALTERATION														
																		Mineral 1			Mineral 2			Mineral 3									
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
0	2	Alluv	u	vh		f-c		poorly sorted, mod. Rnd.	gravel						sox	rb-ob	q	IS	M	cy	IS	PV	cb	IS	PV	fe				
2	4	Alluv	u	h		f-c		poorly sorted, mod. Rnd.	gravel						sox	rb-ob	q	IS	M	cy	IS	PV	cb	IS	MH	fe				
4	6	Alluv	u	h		f-c		poorly sorted, mod. Rnd.	gravel						sox	rb-ob	q	IS	OC	cy	IS	PV	cb	IS	MH	fe				common siltstone fragments
6	8	Alluv	u	h		f-c		poorly sorted, mod. Rnd.	gravel						sox	ob	q	IS	M	cy	IS	PV	cb	IS	PV	fe				
8	10	Alluv	u	h		f-c		poorly sorted, mod. Rnd.	calc silt						sox	ob	q	IS	M	cy	IS	MH	cb	IS	PV	fe				
10	12	Calc. Siltstone	c	vh		f-c		well rnd, angular							sox	ob	q	IS	R	cy	IS	M	cb	IS	PV					
12	14	Calc. Siltstone	c	vh		f-c		well rnd, angular							sox	ob	q	IS	R	cy	IS	M	cb	IS	PV					
14	16	Pebble Gravel	u	w		m-c		poorly sorted, mod. Rnd.							sox	ml ob-wh	q	IS	R	cy	IS	MH	fe	IS	M	cb				
16	18	Calc. Siltstone	c	vh		f-c		well rnd, angular	gravel						sox	ob	q	IS	R	cy	IS	M	cb	IS	PV					
18	20	Pebble Gravel	u	m		f-c		poorly sorted, mod. Rnd.							sox	ml ob-wh	q	IS	MH	cy	IS	M	fe	IS	MH	cb				
20	22	Pebble Gravel	u	m		f-c		poorly sorted, mod. Rnd.							sox	ml ob-wh	q	IS	MH	cy	IS	M	fe	IS	M	cb				clasts to 25mm
22	24	Calc. Sandstone	c	vh		m-c		mod. Well sorted	gravel						sox	ob	q	IS	MH	cy	IS	OC	cb	IS	MH	fe				
24	26	Calc. Siltstone	c	vh		f-c									mox	ob-gy	cb	IS	PV	cy	IS	M	q	IS	R					
26	28	Calc. Sandstone	p	m		f-c		poorly sorted	gravel						sox	ob-yb	cb	IS	MH	q	IS	MH	cy	IS	M	fe				
28	30	Calc. Sandstone	p	m		f-m			calc silt						sox	ob-gy	cb	IS	PV	q	IS	M	cy	IS	PV					interbedded grey calc. siltstone and yb calc. ss
30	32	Clayey Alluvium	p	vw		vf-c		poorly sorted	gravel						sox	ml gy-yb	cy	IS	PV	q	IS	OC	fe	IS	OC	cb				clay zone with com. Pebbles.
32	34	Clay	p	vw		vf-f		poorly sorted							sox	yb	cy	IS	PV											balls up finely when wet
34	36	Saprolitic Shale	p	vw		vf-f		poorly sorted	gravel						sox	rb	cy	IS	PV	q	IS	OC	fe	IS	OC					silty clay with minor siltstone grains and pebble bands
36	38	Saprolitic Shale	p	w		vf-f	sch	weak schistocity/fol.							sox	yb-rb	cy	IS	PV											
38	40	Saprolitic Shale	p	vw		f		weak schistocity/fol.							sox	bn-yb	cy	IS	PV	mi	IS	M	fe	IS	OC	q				
40	42	Saprolitic Shale	p	vw		f		weak schistocity/fol.							sox	yb-gy	cy	IS	PV	mi	IS	M	q	IS	M					
42	44	Saprolitic Shale	c	vw		f		grades to vf ss							sox	yb	cy	IS	PV	mi	IS	M	q	IS	M					
44	46	Saprolitic Shale	c	vw		f		grades to vf ss							sox	yb	cy	IS	PV	mi	IS	M	q	IS	M					
46	48	Saprolitic Shale	c	vw		f		grades to vf ss							sox	yb	cy	IS	PV	mi	IS	M	q	IS	M					more pulverised
48	50	Saprolitic Shale	c	vw		f		grades to vf ss							sox	yb	cy	IS	PV	mi	IS	M	q	IS	M					
50	52	Saprolitic Shale	c	vw		f		grades to vf ss							sox	yb	cy	IS	PV	mi	IS	M	q	IS	M					
52	54	Saprolitic Shale	c	vw		f		grades to vf ss							sox	yb	cy	IS	PV	mi	IS	M	q	IS	M					
54	56	Saprolitic Shale	c	vw		f		grades to vf ss							sox	yb	cy	IS	PV	mi	IS	M	q	IS	M					
56	58	Saprolitic Shale	c	vw		f		grades to vf ss							sox	yb	cy	IS	PV	mi	IS	M	q	IS	M					
58	60	Saprolitic Shale	c	vw		f		grades to vf ss							mox	yb	cy	IS	PV	mi	IS	M	q	IS	M					

Summary/Comments: * Collar Coords are set out only - not precise

Logged by: J.C

Hole No: RC07 MO-06R | **RC DRILL LOG** | **Marathon Resources Limited**

Interval		LITHOLOGY															ALTERATION												
			Rock Qualifier							Qualifier		Hydrogeology					Mineral 1			Mineral 2			Mineral 3						
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
60	62	SL	c	vw		f									mox	yb	cy	IS	PV	mi	IS	M	li	DI	OC					
62	64	SL				f									mox	yb-gy														
64	66	SL	c	vw		f									wox	yb-gy	cy	IS	M	mi	IS	M	li	JT	OC					
66	68	SL	c	vw		f									wox					mi	IS	M								
68	70	SL	c	vw		f									wox	gy	cy	IS	OC	mi	IS	OC	li	JT	OC					
70	72	SL	c	vw		f									wox	ml gy-yb	cy	IS	OC	mi	IS	OC	li	JT	OC					
72	74	SL	c	vw		f									wox	gy	li	JT	R	mi	IS	OC	li	JT	OC					
74	76	SL	c	vw		f									wox	ml gy-yb	li	JT	M	cy	JT	OC								
76	78	SL	c	vw		f									wox	gy		JT	OC	cy	DI	OC	mi	IS	OC					
78	80	SL	c	vw		f									wox	gy	py	DI	R	li	JT	R	li	DI	R					
80	82	SL	c	vw		f		grades to sit							wox	gy	li	JT	OC	py	JT	R	li	DI	R					
82	84	SL	c	vw		f									wox	gy	li	DI	R	li	JT	R								
84	86	SL	c	vw		f									mox	lt yb-gy	li	DI	R	li	JT	R	cy	IS	OC					
86	88	SL	c	vw		f									wox	dk gy-gg	li	JT	OC											
88	90	SL	c	vw		f									F	dk gy-bk	li	JT	R	py	DI	R								
90	92	SL	c	vw		f									F	dk gy	py	DI	R	li	JT	R								
92	94	SL	c	vw		f									F	dk gy-bk	py	DI	R											
94	96	SL	c	vw		f			vein	qv	20				wox	dk gy-wh	g	AV	M	py	DI	R				li				
96	98	SL	c	vw		f				qv	5				wox	dk gy-ob	q	AV	OC	li	JT	OC								
98	100	SL	c	vw		f									wox	dk gy-bk	li	JT	R											
100	102	SL	c	vw		f									F	dk gy	py	DI	R	li	JT	R								
102	104	SL	c	vw		f		small jointed zone							mox	gy-yb	py	DI	R	li	JT	OC								small oxidised fracture/jointed zone
104	106	SL	c	vw		f									wox	dk gy	py	DI	R	li	JT	R								
106	108	SL	c	vw		f									F	dk gy	py	DI	R	li	JT	R								
108	110	SL	c	vw		f									F	dk gy	li	JT	R											
110	112	SL	c	vw		f				sv	21				F	dk gy-bk	li	JT	R	py	AV	R	cb	AV	R					
112	114	SL	c	vw		f									F	dk gy-gg	li	JT	R											bone coloured claystone laminations (?) appearing
114	116	SL	c	vw		f									F	dk gy	li	JT	R											
116	118	SL	c	vw		f									F	dk gy	py	DI	R											
118	120	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	JT	R								
120	122	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	JT	R								
122	124	SL	c	vw		f									F	dk gy-bk	py	DI	OC											
124	126	SL	c	vw		f				qv	12				F	lt yb-wh	py	DI	M	py	AV	OC								bleached QV/Fracture zone
126	128	SL	c	vw		f				qv	3				F	ml dk gy-wh	py	AV	R	py	DI	R								
128	130	SL	c	vw		f									F	dk gy-wh	py	DI	R											

Summary/Comments:

Logged by: J.C

Sheet 2 of 7

Hole No: RC07 MO-06R | **RC DRILL LOG** | **Marathon Resources Limited**

Interval			LITHOLOGY															ALTERATION												
			Rock Qualifier							Qualifier		Hydrogeology						Mineral 1			Mineral 2			Mineral 3						
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
130	132	SL	c	vw		f									F	dk gy-bk	py	DI	R											
132	134	SL	c	vw		f									F	dk gy	py	DI	R	py	JT	R								
134	136	SL	c	vw		f									F	dk gy	py	DI	R											
136	138	SL	c	vw		f									F	dk gy	py	DI	R											* Sulphides often T.O drill hole
138	140	SL	c	vw		f				QV	2				F	dk gy	py	DI	R											
140	142	SL	c	vw		f				QV	1				F	dk gy	py	DI	R											
142	144	SL	c	vw		f									F	dk gy	py	DI	R											
144	146	SL	c	vw		f									F	dk gy	py	DI	R											
146	148	SL	c	vw		f									F	dk gy	py	DI	R											
148	150	SL	c	vw		f									F	dk gy	py	DI	R											
150	152	SL	c	vw		f									F	dk gy	py	DI	OC											Greenish tinge to some py grains
152	154	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	bl	R								*becoming weakly graphitic
154	156	SL	c	vw		f				QV	25				F	dk gy-wh	py	DI	R	py	PV	R	q	AV	MH					
156	158	SL	c	vw		f				QV	25				F	dk gy-wh	py	DI	R	py	PV	R	q	AV	MH					
158	160	SL	c	vw		f				QV	20				F	dk gy-wh	py	DI	R	py	PV	R	q	AV	MH					
160	162	SL	c	vw		f				QV	1				F	dk gy	py	DI	R	py	PV	R	q	AV	R					
162	164	SL	c	vw		f									F	dk gy-bk	py	DI	R											
164	166	SL	c	vw		f									F	dk gy	py	DI	R											
166	168	SL	c	vw		f									F	dk gy-gg	py	DI	R											
168	170	SL	c	vw		f									F	dk gy	py	DI	R											minor 'bone' grey component to the cuttings
170	172	SL	c	vw		f				QV	<1				F	dk gy	py	DI	R											
172	174	SL	c	vw		f									F	dk gy	py	DI	R											
174	176	SL	c	vw		f									F	dk gy	py	DI	R											
176	178	SL	c	vw		f				QV	<1				F	dk gy-gb	py	DI	R											minor 'bone' grey component to the cuttings
178	180	SL	c	vw		f				QV	<1				F	dk gy-gb	py	DI	R											minor 'bone' grey component to the cuttings
180	182	SL	c	vw		f									F	dk gy	py	DI	R											
182	184	SL	c	vw		f									F	dk gy	py	DI	R											
184	186	SL	c	vw		f									F	dk gy	py	DI	R											
186	188	SL	c	vw		f									F	dk gy	py	DI	R											
188	190	SL	c	vw		f									F	dk gy	py	DI	R											possible traces of sphalerite
190	192	SL	c	vw		f				QV	1				F	dk gy	py	DI	R											
192	194	SL	c	vw		f									F	dk gy	py	DI	R							py				less py
194	196	SL	c	vw		f									F	dk gy	py	DI	R											
196	198	SL	c	vw		f									F	dk gy	py	DI	R											
198	200	SL	c	vw		f									F	dk gy	py	DI	R											

Summary/Comments:

Hole No: RC07 MO-06R — **RC DRILL LOG** — **Marathon Resources Limited**

Interval		LITHOLOGY															ALTERATION													
			Rock Qualifier							Qualifier		Hydrogeology					Mineral 1			Mineral 2			Mineral 3							
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
200	202	SL	c	vw		f		wk fol/slaty							F	dk gy										py				
202	204	SL	c	vw		f									F	dk gy	py	DI	R											
204	206	SL	c	vw		f									F	dk gy	py	DI	R											
206	208	SL	c	vw		f									F	dk gy	py	DI	R											
208	210	SL	c	vw		f									F	dk gy	py	DI	R											
210	212	SL	c	vw		f									F	dk gy										py				
212	214	SL	c	vw		f									F	dk gy	py	DI	R	py	JT	R								
214	216	SL	c	vw		f									F	dk gy	py	DI	R											
216	218	SL	c	vw		f									F	dk gy	py	DI	R	py	JT	R								
218	220	SL	c	vw		f									F	dk gy-bk				py	JT	R								
220	222	SL	c	vw		f				QC	<1				F	dk gy-bk	py	DI	R	py	JT	R				PO				weakly graphitic
222	224	SL	c	vw		f				QC	<1				F	dk gy	py	DI	R	py	JT	R				PO				
224	226	SL	c	vw		f				QC	<1				F	dk gy	py	DI	R	py	JT	R				PO				
226	228	SL	c	vw		f									F	dk gy	py	DI	R	py	JT	R				PO				
228	230	SL	c	vw		f									F	dk bk	py	DI	R	py	JT	R				PO				
230	232	SL	c	vw		f									F	dk gy-bk	py	DI	R							PO				
232	234	SL	c	vw		f									F	dk gy-bk	py	DI	R							PO				
234	236	SL	c	vw		f									F	dk gy-bk	py	DI	R							PO				
236	238	SL	c	vw		f									F	dk gy-bk	py	DI	R							PO				
238	240	SL	c	vw		f									F	dk gy-bk	py	DI	R							PO				
240	242	SL	c	vw		f									F	dk gy-bk	py	DI	R							PO				
242	244	SL	c	vw		f				Qv	2				F	dk gy-bk	py	DI	R							PO				
244	246	SL	c	vw		f				Qv	5				F	dk gy-bk	py	DI	R	py	AV	R				PO				
246	248	SL	c	vw		f				Qv	<1				F	dk gy-bk	py	DI	R							PO				
248	250	SL	c	vw		f									F	dk gy-bk	py	DI	R							PO				
250	252	SL	c	vw		f									F	dk gy-bk	py	DI	R							PO				
252	254	SL	c	vw		f				Sv	<1				F	dk gy-bk	py	DI	R	py	AV	R				PO				
254	256	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	AV	R				PO				
256	258	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	AV	R				PO				
258	260	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	AV	R				PO				
260	262	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	AV	R				PO				
262	264	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	AV	R				PO				
264	266	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	AV	R				PO				
266	268	SL	c	vw		f				CV	<1				F	dk gy-bk	py	DI	R	py	AV	R				PO				
268	270	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	AV	R				Po				

Summary/Comments:

Hole No: RC07 MO-06R — **RC DRILL LOG** — **Marathon Resources Limited**

Interval			LITHOLOGY															ALTERATION													
			Rock Qualifier							Qualifier		Hydrogeology					Mineral 1			Mineral 2			Mineral 3								
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
270	272	SL	c	vw		f				CV	<1				F	dk gy	py	DI	R							PO				weakly graphitic
272	274	SL	c	vw		f									F	dk gy	py	DI	R							PO				
274	276	SL	c	vw		f									F	dk gy	py	DI	R							PO				
276	278	SL	c	vw		f									F	dk gy	py	DI	R							PO				
278	280	SL	c	vw		f				CV	<1				F	dk gy	py	DI	R							PO				
280	282	SL	c	vw		f									F	dk gy	py	DI	R							PO				
282	284	SL	c	vw		f									F	dk gy	py	DI	R							PO				
284	286	SL	c	vw		f				RC	<1				F	dk gy	py	DI	R							PO				
286	288	SL	c	vw		f									F	dk gy	py	DI	R							PO				
288	290	SL	c	vw		f									F	dk gy	py	DI	OC							PO				
290	292	SL	c	vw		f									F	dk gy	py	DI	OC							PO				
292	294	SL	c	vw		f									F	dk gy	py	DI	R							PO				
294	296	SL	c	vw		f				QV	5				F	dk gy-bk	py	DI	R	q	AV	OC				PO				
296	298	SL	c	vw		f				QV	1				F	dk gy-bk	py	DI	R	q	AV	OC				PO				
298	300	SL	c	vw		f									F	dk gy-bk	py	DI	R	q	AV	OC				PO				
300	302	SL	c	vw		f									F	dk gy-bk	py	DI	OC							PO				
302	304	SL	c	vw		f				SV	<1				F	dk gy-bk	py	DI	OC	py	AV	R				PO				
304	306	SL	c	vw		f									F	dk gy-bk	py	DI	OC	py	AV	R				PO				
306	308	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	AV	R				PO				
308	310	SL	c	vw		f									F	dk gy-bk	py	DI	OC	py	AV	R				PO				
310	312	SL	c	vw		f									F	dk gy-bk	py	DI	OC	py	AV	R				PO				
312	314	SL	c	vw		f									F	dk gy-bk	py	DI	OC	py	AV	R				PO				
314	316	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	AV	R				PO				
316	318	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	AV	R				PO				
318	320	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	AV	R				PO				
320	322	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	AV	R				PO				
322	324	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	JT	R				PO				
324	326	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	JT	R				PO				
326	328	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	JT	R				PO				
328	330	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	JT	R				PO				
330	332	SL	c	vw		f									F	dk gy-bk	py	DI	R	py	JT	R				PO				
332	334	SL	c	vw		f									F	dk gy-bk	py	DI	R							PO				
334	336	SL	c	vw		f				QC	<1				F	dk gy-bk	py	DI	R							PO				
336	338	SL	c	vw		f									F	dk gy-bk	py	DI	R							Py	PO			
338	340	SL	c	vw		f				QC	1				F	dk gy-bk	py	DI	R	py	AV	R				Po				

Summary/Comments:

Hole No: RC07 MO-06R | **RC DRILL LOG** | **Marathon Resources Limited**

Interval		LITHOLOGY																ALTERATION													
			Rock Qualifier							Qualifier		Hydrogeology						Mineral 1			Mineral 2			Mineral 3							
From	To	Major Rock Type	Consolidated	HCl Rct	Q3	Grain size	Texture Code	Texture Comments	Minor Rock Type	VeinType	Percent	Flow	Flow Test l/min	Sample	Weathering	Colour	Type	Mode	Frequency	Type	Mode	Frequency	Type	Mode	Frequency	Accessory Mineral	Accessory Mineral	Alteration	C.P.S	COMMENTS
340	342	SL	c	vw		f									F	dk yb-bk	py	DI	R							PO				weakly graphitic
342	344	SL	c	vw		f									F	dk yb-bk	py	DI	R							PO				
344	346	SL	c	vw		f									F	dk yb-bk	py	DI	R							PO				
346	348	SL	c	vw		f									F	dk yb-bk	py	DI	R							PO				
348	350	SL	c	vw		f				QC	<1				F	dk yb-bk	py	DI	R	py	AV	R				PO				
350	352	SL	c	vw		f				QC	<1				F	dk yb-bk	py	DI	R	py	AV	R				PO				
352	354	SL	c	vw		f									F	dk yb-bk	py	DI	R							PO				* Pyrrhotite seemingly only associated with graphitic unit.
354	356	SL	c	vw		f									F	dk yb-bk	py	DI	R							PO				
356	358	SL	c	vw		f									F	dk yb-bk	py	DI	R							PO				
358	360	SL	c	vw		f									F	dk yb-bk	py	DI	R							PO				
360	362	SL	c	vw		f									F	dk yb-bk	py	DI	R							PO				
362	364	SL	c	vw		f									F	dk yb-bk	py	DI	R							PO				
364	366	SL	c	vw		f									F	dk yb-bk	py	DI	R							PO				
366	368	SL	c	vw		f									F	dk yb-bk	py	DI	R							PO				
368	370	SL	c	vw		f									F	dk yb-bk	py	DI	R							PO				
370	372	SL	c	vw		f									F	dk yb-bk	py	DI	R							PO				
		END OF HOLE 372m																												

Summary/Comments:

Logged by: 0

Sheet 6 of 7

APPENDIX 5

ANALYTICAL RESULTS

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_01	0	2	208001	0.004	<0.01	4.38	7.1	<0.2	50	450	1.34	0.2	6.72	0.07	104	12.5	35	3.68	35.4	3.2	12	0.11	0.74	0.03	0.054	1.09	55.4	23.6
RC07MO_01	2	4	208002	0.002	0.01	3.93	4.9	<0.2	120	270	1.57	0.29	1.92	0.01	78	11.9	38	2.34	48.9	3.56	10.65	0.08	0.71	0.01	0.041	0.72	38	19
RC07MO_01	4	6	208003	0.002	<0.01	3.14	4.2	<0.2	80	170	1.28	0.28	3.57	0.01	68.1	9.9	33	1.97	32.8	3.22	8.81	0.08	0.69	0.01	0.035	0.56	32.8	15.9
RC07MO_01	6	8	208004	0.002	<0.01	2.55	4.2	<0.2	50	140	1.17	0.25	1.79	<0.01	70.4	12.1	29	1.74	28.6	2.71	7.46	0.08	0.62	<0.01	0.029	0.49	35	13.2
RC07MO_01	8	10	208005	0.001	<0.01	2.22	3.6	<0.2	30	90	0.93	0.21	2.07	0.01	72.6	7.2	26	1.59	20.9	2.42	6.59	0.08	0.59	<0.01	0.026	0.45	34.6	10.1
RC07MO_01	10	12	208006	0.001	<0.01	2.37	4	<0.2	30	110	1.14	0.25	2.17	0.01	73.4	10.1	27	1.51	25.9	2.77	7.04	0.07	0.51	<0.01	0.029	0.45	31.7	10.9
RC07MO_01	12	14	208007	0.002	<0.01	2.33	3.3	<0.2	20	90	1.19	0.23	4.73	0.02	79.1	8.7	26	1.61	21.3	2.3	6.74	0.07	0.53	<0.01	0.029	0.47	38.8	11.1
RC07MO_01	14	16	208008	0.001	<0.01	2.25	4.9	<0.2	20	80	1.08	0.31	1.59	0.01	62	7.5	31	1.53	23.8	3.14	7.31	0.07	0.52	<0.01	0.03	0.43	30	11.3
RC07MO_01	16	18	208009	0.002	<0.01	2.08	4.7	<0.2	10	110	0.97	0.26	1.35	0.01	65.1	7	30	1.49	22.5	2.79	6.47	0.08	0.52	0.01	0.027	0.42	32	10.4
RC07MO_01	18	20	208010	0.001	<0.01	1.67	5.1	<0.2	10	250	0.9	0.2	2.04	0.01	62	8.4	24	1.38	17.4	2.39	5.29	0.07	0.53	<0.01	0.022	0.35	27.7	7.8
RC07MO_01	20	22	208011	0.002	<0.01	2.46	5.4	<0.2	10	240	1.07	0.24	3.18	0.03	64.1	6.8	33	2.43	17.3	2.75	7.24	0.09	0.74	0.01	0.03	0.62	31.8	9.6
RC07MO_01	22	24	208012	0.007	<0.01	0.97	10.5	<0.2	10	600	0.64	0.31	0.28	0.01	35.2	8.7	33	0.78	17.6	4.71	4.23	0.07	0.53	0.04	0.02	0.19	17.4	4.4
RC07MO_01	24	26	208013	0.001	<0.01	1.14	17.1	<0.2	10	560	0.81	0.51	0.22	0.02	30.8	7	51	0.86	20.3	7.44	5.71	0.1	0.66	0.02	0.029	0.2	17.6	5
RC07MO_01	26	28	208014	0.002	<0.01	1.2	15.4	<0.2	10	580	0.78	0.48	0.35	0.02	35.8	7.1	54	0.94	19.8	7.72	6.25	0.11	0.69	0.02	0.033	0.21	19.4	5.4
RC07MO_01	28	30	208015	0.001	<0.01	1.77	8.2	<0.2	10	370	0.62	0.3	0.12	0.01	39.9	4.5	41	1.32	17.9	4.22	7.11	0.07	0.46	0.01	0.028	0.3	19.9	6.5
RC07MO_01	30	32	208016	0.004	<0.01	1.59	8.4	<0.2	10	470	0.52	0.3	0.09	0.01	31.2	6	38	1.09	15.1	3.73	6.4	0.06	0.53	0.01	0.022	0.26	16	6.7
RC07MO_01	32	34	208017	0.001	<0.01	2.18	7.2	<0.2	20	370	0.43	0.29	0.09	<0.01	22.8	1.9	39	1.03	12.1	3.39	7.45	0.05	0.42	<0.01	0.029	0.28	13.5	8.9
RC07MO_01	34	36	208018	0.001	<0.01	2.25	6.2	<0.2	20	360	0.41	0.33	0.12	<0.01	18.15	1.9	44	0.96	15.1	3.72	8.48	0.05	0.42	<0.01	0.027	0.27	10.1	8.5
RC07MO_01	36	38	208019	0.001	<0.01	2.99	9.3	<0.2	30	380	0.58	0.38	0.11	0.01	19.4	1.8	52	1.09	18.5	4.99	10.7	0.06	0.44	<0.01	0.046	0.34	7.1	12.3
RC07MO_01	38	40	208020	0.002	0.01	2	11.8	<0.2	20	420	0.73	0.49	0.1	0.01	36.2	6	42	0.96	22.6	5.17	9.16	<0.05	0.42	0.02	0.096	0.23	9.1	13.4
RC07MO_01	40	42	208021	0.001	0.04	2.28	8.4	<0.2	30	230	1.61	0.48	0.1	0.02	116.5	8.1	34	1.3	30.3	3.9	8.89	<0.05	0.35	0.01	0.111	0.28	9.5	14.8
RC07MO_01	42	44	208022	0.001	0.06	1.66	11.2	<0.2	10	180	2.39	0.2	0.07	0.03	169.5	29.1	24	2.02	17.2	2.15	5.82	0.14	0.4	0.08	0.046	0.32	96.7	16.9
RC07MO_01	44	46	208023	0.001	0.01	3.72	3.8	<0.2	10	430	2.13	0.37	0.02	0.01	69.9	15.2	42	8.23	20	3.28	11.2	0.16	1.15	<0.01	0.045	1.79	40.8	48.3
RC07MO_01	46	48	208024	0.001	0.01	2.94	2.9	<0.2	<10	340	1.83	0.18	0.02	0.01	70.4	13.5	40	8.07	17.7	3	9.81	0.2	1.05	<0.01	0.034	1.77	44.4	37.7
RC07MO_01	48	50	208025	0.001	0.02	3.48	2.2	<0.2	<10	340	2	0.17	0.03	0.01	76.2	14.5	42	7.93	23.8	2.97	10.65	0.17	1.22	<0.01	0.034	1.78	45.3	40.8
RC07MO_01	50	52	208026	0.001	0.01	3.87	1.3	<0.2	10	330	2.19	0.22	0.07	0.01	71.2	15.1	42	8.34	19.8	3.08	11.55	0.18	1.3	<0.01	0.042	1.87	36.6	50.8
RC07MO_01	52	54	208027	0.001	0.01	3.46	1.4	<0.2	<10	330	2.07	0.26	0.09	0.03	73.7	17.9	43	8.82	23.2	3.14	11.1	0.19	1.24	<0.01	0.043	1.84	40.2	43.8
RC07MO_01	54	56	208028	0.002	0.02	3.44	1.3	<0.2	<10	350	1.95	0.22	0.12	0.05	67.1	17.7	42	8.14	24.5	3.09	10.85	0.19	1.17	0.01	0.041	1.8	35.6	47.9
RC07MO_01	56	58	208029	0.002	0.02	3.42	1.3	<0.2	<10	380	1.53	0.16	0.43	0.09	66.5	22.2	42	7.6	22.2	3.04	10.75	0.19	1.05	<0.01	0.032	1.86	33.6	42.7
RC07MO_01	58	60	208030	0.002	0.03	3.56	1.5	<0.2	<10	300	1.34	0.16	1.3	0.04	55.1	12.4	45	7.36	20.2	3.04	10.6	0.17	1.01	<0.01	0.032	1.87	26.5	40.2
RC07MO_01	60	62	208031	0.002	0.03	3.41	1.4	<0.2	<10	290	1.34	0.21	1.23	0.06	54.1	11.6	41	7.39	19.9	3.01	10.35	0.16	1.06	<0.01	0.034	1.79	26.6	37.7
RC07MO_01	62	64	208032	0.001	0.02	3.81	3.4	<0.2	<10	320	1.43	0.43	1.85	0.07	55.8	12.2	42	7.62	24.7	3.23	10.65	0.14	1.19	<0.01	0.038	1.91	26.6	39.8
RC07MO_01	64	66	208033	0.002	0.02	3.32	2.5	<0.2	<10	250	1.17	0.62	2.06	0.05	48.2	11.6	37	7.11	28	2.64	9.39	0.12	1.06	<0.01	0.037	1.73	23	32.5
RC07MO_01	66	68	208034	0.002	0.01	3.84	1.9	<0.2	<10	280	1.31	0.44	1.84	0.03	50.9	11.7	41	7.62	24.1	2.89	10.65	0.14	1.09	<0.01	0.044	1.87	24.3	37.1
RC07MO_01	68	70	208035	0.001	0.02	3.79	1.9	<0.2	<10	280	1.35	0.37	1.91	0.04	48.6	11.3	41	7.39	23.7	2.85	10.25	0.13	1.07	<0.01	0.038	1.85	23.1	37.6
RC07MO_01	70	72	208036	0.001	0.02	3.48	2	<0.2	<10	250	1.21	0.39	1.95	0.03	45.9	11.7	42	7.24	24.7	2.8	9.91	0.13	0.96	<0.01	0.038	1.77	21.7	34.6
RC07MO_01	72	74	208037	0.001	0.02	3.85	1.5	<0.2	<10	290	1.37	0.34	1.8	0.04	48.1	12.3	46	7.86	24.2	2.99	10.9	0.14	1.1	<0.01	0.041	1.91	23	42.7
RC07MO_01	74	76	208038	0.001	0.04	3.34	1.2	<0.2	<10	270	1.29	0.28	0.97	0.06	55.6	12	39	7.53	21.2	2.98	10.2	0.14	1.02	0.04	0.037	1.83	26.8	40.3
RC07MO_01	76	78	208039	0.001	0.04	3.76	1.7	<0.2	<10	280	1.33	0.4	1.69	0.06	51.7	12.6	40	7.62	24.9	3.02	10.45	0.17	1.06	0.02	0.041	1.9	24.8	39.1
RC07MO_01	78	80	208040	0.001	0.02	3.82	1.9	<0.2	<10	290	1.27	0.46	1.84	0.04	50.3	12.4	40	7.6	24.8	2.88	10.45	0.14	1.2	<0.01	0.039	1.89	24.1	38.3
RC07MO_01	80	82	208041	0.001	0.02	3.87	2.4	<0.2	<10	290	1.35	0.46	1.74	0.05	62.3	13	43	7.58	30.3	3.09	10.5	0.14	1.2	<0.01	0.046	1.88	30.3	36
RC07MO_01	82	84	208042	0.001	0.02	4.1	1.9	<0.2	<10	290	1.51	0.53	1.88	0.04	57.6	12.5	40	7.94	26	3.18	11.2	0.13	1.13	<0.01	0.043	1.96	27.8	42.3
RC07MO_01	84	86	208043	0.001	0.01	4.64	1.6	<0.2	<10	320	1.56	0.22	2.76	0.03	66.9	13.6	49	8.17	34	3.49	12.65	0.15	1.31	<0.01	0.047	2.21	31.6	44
RC07MO_01	86	88	208044	0.002	0.01	5.45	0.5	<0.2	<10	390	1.77	0.48	2.22	0.04	67.2	17.2	57	8.93	41.7	3.77	14.85	0.17	1.31	<0.01	0.055	2.51	31.4	50.4
RC07MO_01	88	90	208045	0.001	0.01	4.11	0.5	<0.2	<10	310	1.47	0.33	2.1	0.04	63.5	12.9	40	7.77	32.3	3.25	11.25	0.13	1.22	<0.01	0.044	2.05	30.1	40.1
RC07MO_01	90	92	208046	0.001	0.02	4.6	0.7	<0.2	10	370	1.7	0.34	2.38	0.05	73.1	12.3	41	8.35	28.4	3.37	12.4	0.14	1.41	<0.01	0.048	2.18	35.8	39
RC07MO_01	92	94	208047	0.001	0.02	4.11	0.8	<0.2	<10	290	1.43	0.61	2.21	0.04	54.9	12.3	41	8.14	33.6	3.1	10.9	0.13	1.12	<0.01	0.044	2.05	26.2	37.8
RC07MO_01	94	96	208048	0.001	0.02	4.08	1.3	<0.2	<10	280	1.4	0.38	2.22	0.03	54.9	12.4	38	8.12	28.3	3.06	10.9	0.19	1.12	<0.01	0.043	2.01	26.6	39.2

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
0	2	208001	1.04	466	10.65	0.14	0.41	19	340	13.8	67.3	0.003	0.05	0.75	8.1	0.8	1.9	194.5	0.01	0.4	19.1	0.044	0.29	24.3	75	0.55	20.8	76	17
2	4	208002	0.69	481	5.44	0.2	0.06	23.8	170	15.4	47.9	0.001	0.06	0.44	9.1	0.4	1.4	324	0.01	0.24	12	0.024	0.23	6.9	59	0.39	12.45	44	17.3
4	6	208003	0.84	235	3.67	0.17	0.06	15.5	130	14.4	39.7	0.001	0.04	0.35	8	0.4	1.2	146	0.01	0.25	10.4	0.022	0.19	4.39	48	0.34	12.75	39	16.9
6	8	208004	0.62	210	12	0.12	0.06	15.9	110	12.5	34.7	0.001	0.02	0.46	6.6	0.4	1	73.5	0.01	0.11	9.9	0.023	0.18	3.03	43	0.64	12.45	62	14.6
8	10	208005	0.78	126	2.09	0.11	<0.05	10.9	90	10.8	32.4	0.001	0.02	0.34	5.9	0.3	0.9	67.8	0.01	0.05	9.6	0.023	0.16	2.06	38	0.22	10.3	26	13.9
10	12	208006	0.89	253	2.41	0.15	<0.05	15.5	90	13.1	30.8	0.001	0.02	0.36	6.6	0.3	1	72.8	0.01	0.05	10.6	0.017	0.15	2.42	40	0.5	10	26	12.3
12	14	208007	2.06	104	1.91	0.13	<0.05	11.6	80	11.6	33.2	0.001	0.02	0.31	6.5	0.5	1	124.5	0.01	0.04	9.9	0.019	0.16	2.55	36	0.25	16.15	26	12.2
14	16	208008	0.56	73	2.25	0.12	<0.05	13	100	13.3	31.5	<0.001	0.01	0.37	7	0.3	1	49.7	0.01	0.03	11.4	0.018	0.16	1.61	43	0.15	11.8	33	12
16	18	208009	0.26	69	1.48	0.08	<0.05	12.9	90	11.1	30.8	0.001	0.01	0.36	6.1	0.3	0.9	33.6	0.01	0.03	9.6	0.019	0.15	1.06	40	0.43	12.65	24	12.4
18	20	208010	0.2	73	1.24	0.05	0.05	10.1	80	9.8	27.4	<0.001	0.01	0.38	4.7	0.3	0.8	28.9	0.01	0.02	7.7	0.022	0.12	0.88	35	0.37	7.32	18	13.5
20	22	208011	0.28	132	1.33	0.06	0.08	10.3	90	9.6	43	<0.001	0.01	0.43	6.5	0.4	1.2	39.1	0.01	0.02	8.7	0.039	0.18	1.54	47	0.25	10.35	21	18.6
22	24	208012	0.11	248	3.51	0.04	0.11	11.4	120	14.2	14.4	0.001	0.02	0.87	3.3	0.3	0.6	23.8	<0.01	0.03	7.1	0.019	0.08	2.18	57	1.85	4.72	19	13.3
24	26	208013	0.12	145	2.77	0.04	0.1	14.4	170	17.4	15.7	0.001	0.02	1.3	4.3	0.5	0.7	24.1	<0.01	0.05	8.6	0.023	0.08	2.14	88	0.59	5.25	18	18.6
26	28	208014	0.15	161	2.97	0.04	0.13	15.1	170	18.1	17.1	0.001	0.02	1.32	4.3	0.6	0.8	27.4	0.01	0.06	10.6	0.024	0.09	5.42	91	0.58	6.69	18	18.5
28	30	208015	0.2	80	1.68	0.04	<0.05	8.4	90	9.9	27.7	<0.001	0.01	0.55	4.9	0.3	1.1	23.3	<0.01	0.03	10.8	0.015	0.13	3.68	62	0.36	4.23	12	11.3
30	32	208016	0.14	157	1.92	0.04	<0.05	7.3	70	10.6	24.4	<0.001	0.01	0.48	4.8	0.2	1	23.2	<0.01	0.02	9.8	0.013	0.12	1.07	58	0.41	2.51	11	11.6
32	34	208017	0.18	28	0.88	0.06	<0.05	4.9	40	8.2	25.2	<0.001	0.01	0.32	7	0.2	1.4	32.2	<0.01	0.02	11.7	0.01	0.14	0.9	69	0.09	1.39	4	9.1
34	36	208018	0.19	20	0.99	0.07	<0.05	4.7	30	8.4	24.2	<0.001	0.01	0.29	7.7	0.3	1.8	39.6	<0.01	0.03	12.4	0.008	0.13	0.98	69	<0.05	0.94	4	8.6
36	38	208019	0.22	16	1.27	0.09	<0.05	7	40	13.1	28.1	<0.001	0.01	0.38	9.3	0.4	2.1	45.3	<0.01	0.04	13.4	0.008	0.13	1.15	81	0.05	0.99	5	9.2
38	40	208020	0.18	91	2.54	0.09	<0.05	9.3	60	15.2	20.4	0.001	0.02	0.55	8.1	0.6	1.7	38.6	<0.01	0.04	13.7	0.009	0.12	2.28	81	0.22	2.97	11	10.6
40	42	208021	0.2	164	1.69	0.09	<0.05	14.8	60	15.6	29	0.001	0.01	0.43	8.8	0.4	1.6	37.2	<0.01	0.04	11.9	0.008	0.19	1.94	78	0.27	5.77	17	9.5
42	44	208022	0.28	838	2.84	0.06	<0.05	24.1	60	17.5	38	0.001	0.01	0.33	5	0.9	1	31	0.01	0.02	6.5	0.018	0.31	0.82	42	1.49	23.2	27	10
44	46	208023	1.82	371	0.43	0.06	0.11	23.1	130	2.2	148.5	0.001	0.01	0.18	8.8	0.6	2	42.7	0.01	0.02	12.6	0.211	0.65	1.08	61	0.3	28.7	48	26.3
46	48	208024	1.87	317	0.26	0.05	0.09	19.7	130	1.8	141	<0.001	<0.01	0.15	8.2	0.8	1.7	30.7	0.01	0.02	12.1	0.218	0.6	1.2	58	0.5	43.6	42	23.8
48	50	208025	1.87	393	0.4	0.05	0.11	21	130	2.2	139.5	0.001	0.01	0.14	8.8	0.8	1.8	29.3	0.01	0.02	12.3	0.21	0.59	1.27	57	0.3	48.1	41	27.7
50	52	208026	1.97	379	0.27	0.06	0.15	26.5	290	1.6	141	<0.001	<0.01	0.11	9.4	0.5	1.9	21.6	0.01	0.02	12.2	0.224	0.59	1.04	59	0.27	23	41	28.1
52	54	208027	2.03	604	0.39	0.07	0.11	28.9	330	1.8	149.5	<0.001	0.01	0.11	9	0.6	1.9	20.5	0.01	0.01	12.3	0.224	0.61	1	60	0.77	22.7	44	24.9
54	56	208028	2.02	796	0.65	0.08	0.11	27.7	400	1.5	134.5	<0.001	0.01	0.09	9.1	0.4	1.9	20	0.01	0.01	11.6	0.218	0.53	0.99	60	0.29	15.4	39	25.1
56	58	208029	2.07	1220	0.86	0.12	0.09	27.3	390	1.9	123.5	<0.001	0.01	0.12	8.9	0.4	1.7	33.1	<0.01	0.02	12	0.216	0.55	1.07	62	0.37	14.05	34	24.1
58	60	208030	2	515	1.4	0.21	0.09	20.1	380	1.7	118	<0.001	0.01	0.11	8.5	0.4	1.7	46.9	<0.01	0.02	12.4	0.209	0.51	1	60	1.14	13.2	28	24.9
60	62	208031	1.97	466	1.03	0.21	0.09	19.8	380	1.6	113	<0.001	0.01	0.1	8.2	0.4	1.6	41.8	<0.01	0.05	12.1	0.205	0.49	1.09	58	0.35	12.95	28	25.4
62	64	208032	2.08	570	1.1	0.25	0.11	19.8	390	2	117.5	<0.001	0.01	0.17	8.6	0.5	1.8	54.3	0.01	0.02	12.3	0.209	0.51	1.39	59	0.47	13.2	38	39.3
64	66	208033	1.79	567	3.38	0.25	0.08	20.6	360	2.2	108	0.001	0.05	0.22	7.2	0.5	1.6	67.1	<0.01	0.03	11.1	0.179	0.46	1.9	51	0.93	12.45	33	26.2
66	68	208034	1.95	529	1.9	0.29	0.08	19.6	370	1.9	116	0.001	0.03	0.19	8.3	0.5	1.8	60.6	<0.01	0.02	11.6	0.196	0.5	1.59	57	0.49	12.2	42	27.1
68	70	208035	1.95	525	1.32	0.29	0.09	19.6	370	1.9	112	0.001	0.02	0.19	8.1	0.5	1.7	61.4	<0.01	0.01	11.3	0.195	0.5	1.58	56	0.44	11.55	39	26.5
70	72	208036	1.92	511	1.52	0.24	0.08	19.8	360	1.8	110	0.001	0.02	0.19	7.7	0.5	1.6	55.5	<0.01	0.02	10.9	0.181	0.48	1.46	53	0.89	11.1	37	24.2
72	74	208037	2.01	541	1.64	0.27	0.08	21.3	380	2.1	121.5	0.001	0.02	0.18	8.8	0.5	1.8	59.1	0.01	0.02	11.4	0.202	0.53	2.01	59	0.53	12.05	39	26.7
74	76	208038	2.03	385	0.61	0.15	0.08	20.5	400	1.8	115.5	<0.001	0.01	0.15	8.1	0.4	1.7	36.9	<0.01	0.02	11.2	0.186	0.51	0.98	56	0.3	12.4	36	28.4
76	78	208039	2	511	0.98	0.25	0.1	20.4	380	2	116	0.001	0.02	0.19	8.3	0.6	1.8	56.1	0.01	0.02	10.9	0.194	0.51	1.84	58	1.64	11	38	26.5
78	80	208040	1.94	536	1.44	0.28	0.09	20.7	370	2.1	115	0.001	0.04	0.19	8.3	0.5	1.8	61.4	0.01	0.02	11.8	0.191	0.5	1.89	56	0.69	11.95	37	29
80	82	208041	1.96	551	2.65	0.28	0.08	22.3	370	2.5	116	0.001	0.03	0.23	8.1	0.6	1.9	60	<0.01	0.02	13.2	0.193	0.5	3.55	58	1.28	14.1	42	30.1
82	84	208042	2.02	565	1.33	0.28	0.1	20.9	370	1.9	121	0.001	0.02	0.22	8.5	0.5	1.9	61.3	0.01	0.02	12.1	0.199	0.52	2.14	56	1.5	12.75	40	28.2
84	86	208043	2.31	646	1.05	0.31	0.08	24	540	1.9	133	0.001	0.02	0.17	10.2	0.5	2	74.7	0.01	0.01	15	0.223	0.57	2.16	65	0.33	14.65	41	34.6
86	88	208044	2.52	574	0.52	0.42	0.08	27.8	630	2.4	146	0.001	0.08	0.21	13	0.7	2.5	81.1	0.01	0.03	16.3	0.261	0.64	2.61	81	0.22	15.9	41	35.7
88	90	208045	2.21	575	0.85	0.22	0.09	21.9	430	2	123.5	0.001	0.04	0.19	8.6	0.5	2	56.5	<0.01	0.02	13.6	0.207	0.56	1.42	55	1.11	13.35	35	31.6
90	92	208046	2.1	693	1.93	0.23	0.19	20.9	420	2.3	129	0.001	0.03	0.21	10	0.5	2.2	57.2	0.01	0.02	13.3	0.198	0.55	1.89	56	1.06	15.3	40	38.6
92	94	208047	2.18	574	1.18	0.26	0.09	20.7	430	2.2	124.5	0.001	0.02	0.2	8.1	0.5	1.9	65.8	<0.01	0.03	12.2	0.203	0.54	1.77	53	0.31	12.2	38	28.7
94	96	208048	2.12	563	0.86	0.27	0.11	20.9	400	2.1	123.5	<0.001	0.02	0.21	8.1	0.4	1.9	66.6	0.01	0.02	12.9	0.2	0.54	1.73	52	0.71	11.4	40	27.8

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_01	96	98	208049	0.001	0.01	3.95	1	<0.2	<10	270	1.39	0.4	2.19	0.02	56.3	11.8	36	7.92	23.5	3.01	10.55	0.16	1.14	<0.01	0.041	1.96	26.9	37.8
RC07MO_01	98	100	208050	0.001	0.01	3.91	1	<0.2	<10	270	1.39	0.23	2.41	0.02	58.1	11.9	35	8.08	20.5	3.08	10.55	0.14	1.21	<0.01	0.038	1.94	27.9	37.7
RC07MO_01	100	102	208051	0.001	0.01	3.79	1	<0.2	<10	250	1.28	0.34	2.19	0.03	59.5	12.2	37	7.77	25.7	3.12	10.3	0.14	1.18	<0.01	0.038	1.87	28.5	35.7
RC07MO_01	102	104	208052	0.001	0.01	3.65	0.9	<0.2	<10	240	1.21	0.28	2.1	0.02	61.8	12.1	35	7.02	23.5	3.07	10.3	0.13	1.21	<0.01	0.036	1.81	29.2	36.9
RC07MO_01	104	106	208053	0.001	0.01	3.88	1	<0.2	<10	270	1.26	0.3	2.23	0.01	63.9	12.1	37	6.86	26.7	3.19	10.55	0.13	1.37	<0.01	0.036	1.84	30.2	35.6
RC07MO_01	106	108	208054	0.001	0.01	3.69	1.2	<0.2	<10	250	1.16	0.3	2.15	0.01	61.7	12.5	35	7.24	26.4	3.17	10.2	0.13	1.3	<0.01	0.035	1.79	29.4	30.6
RC07MO_01	108	110	208055	0.001	0.01	2.95	1.8	<0.2	<10	190	0.94	0.16	2.03	<0.01	54.9	11.6	31	5.64	21.8	2.87	8.71	0.12	1.2	<0.01	0.027	1.45	26.4	22.9
RC07MO_01	110	112	208056	0.002	0.01	2.37	8	<0.2	<10	160	0.81	0.14	2.4	0.01	43.3	31.1	30	5.12	18.6	3.56	7.35	0.11	1.27	<0.01	0.022	1.29	21.1	15.5
RC07MO_01	112	114	208057	0.001	0.01	3.22	1.4	<0.2	<10	220	1.04	0.16	1.99	0.01	54.8	14.1	38	6.66	21.8	3.11	9.55	0.12	1.17	<0.01	0.03	1.66	27.2	26.2
RC07MO_01	114	116	208058	0.001	0.01	3.27	2.2	<0.2	<10	210	1.13	0.4	1.95	0.01	59.1	13.8	40	6.46	24.6	3.07	9.76	0.13	1.21	<0.01	0.033	1.61	28.7	33.7
RC07MO_01	116	118	208059	0.001	0.01	3.58	1.8	<0.2	<10	250	1.2	0.35	2.05	0.02	58.4	12.8	40	6.92	27.7	3.11	10.35	0.15	1.11	<0.01	0.038	1.85	28.7	35.8
RC07MO_01	118	120	208060	0.001	0.01	3.66	2.5	<0.2	<10	260	1.26	0.3	1.93	0.02	59.6	13.2	37	7.24	25.5	3.13	10.45	0.16	1.07	<0.01	0.039	1.9	28.2	32.3
RC07MO_01	120	122	208061	0.001	0.01	3.61	2.4	<0.2	<10	260	1.15	0.45	2.19	0.02	57.6	12.8	35	7.16	25.9	2.92	10.15	0.15	1.11	<0.01	0.037	1.8	27.6	32.9
RC07MO_01	122	124	208062	<0.001	0.01	2.98	1.3	<0.2	<10	180	0.99	0.27	2.03	0.01	54.5	10.6	31	5.33	19.9	2.8	9.21	0.14	1.01	<0.01	0.028	1.28	26.8	40.5
RC07MO_01	124	126	208063	0.001	0.01	3.7	1	<0.2	<10	260	1.15	0.35	1.87	0.03	51	11.5	37	6.62	29.5	3.16	10.95	0.16	1.27	<0.01	0.036	1.7	24.4	38.2
RC07MO_01	126	128	208064	0.001	0.01	2.78	2.8	<0.2	<10	180	0.91	0.78	3.11	0.01	47.6	10.3	27	5.68	22.5	2.34	8.03	0.11	0.95	<0.01	0.029	1.37	23	26.3
RC07MO_01	128	130	208065	0.001	<0.01	3.95	1.1	<0.2	<10	290	1.21	0.12	1.94	0.01	61.8	12.5	44	7.44	26.2	3.32	12.55	0.19	1.05	<0.01	0.041	1.96	30.2	37.8
RC07MO_01	130	132	208066	0.001	0.01	4.1	1.8	<0.2	<10	270	1.23	0.15	2.72	0.01	66.5	15.2	51	6.69	30	3.66	13.2	0.15	1.27	<0.01	0.041	1.89	32.6	38.4
RC07MO_01	132	134	208067	0.001	0.01	5.38	0.7	<0.2	<10	380	1.48	0.19	1.91	<0.01	71	18.8	61	8.32	53.7	4.37	16.75	0.23	1.07	<0.01	0.058	2.43	34	47.7
RC07MO_01	134	136	208068	0.004	0.01	4.44	5.5	<0.2	<10	330	1.38	0.09	1.62	<0.01	65.6	19.6	60	6.52	35.4	4.35	15.75	0.22	0.91	<0.01	0.062	2.14	31.6	57.2
RC07MO_01	136	138	208069	0.004	0.01	3.73	1.7	<0.2	<10	290	1.01	0.05	1.96	<0.01	68.8	16.9	55	5.69	18.2	3.81	13.05	0.17	1.13	<0.01	0.036	1.9	33.7	44.7
RC07MO_01	138	140	208070	0.004	0.01	4	5.1	<0.2	<10	270	1.21	0.12	2.86	<0.01	68.6	26	47	5.62	31.2	3.59	12.7	0.17	1.14	<0.01	0.043	1.78	33.8	38.7
RC07MO_01	140	142	208071	0.003	0.01	5.07	2.1	<0.2	<10	360	1.67	0.22	2.44	0.01	74.2	16.9	52	8.01	27.2	3.66	14.7	0.2	1.36	<0.01	0.048	2.31	36	40.8
RC07MO_01	142	144	208072	0.002	0.01	5.66	1.6	<0.2	<10	410	1.75	0.12	2.07	<0.01	75.5	16.4	61	8.52	28.9	3.95	16.75	0.29	1.11	<0.01	0.056	2.58	36.2	45.6
RC07MO_01	144	146	208073	0.002	0.01	5.29	2.9	<0.2	<10	370	1.45	0.13	2.1	<0.01	73	17.6	59	7.69	27	4.32	16.55	0.31	1.18	<0.01	0.053	2.37	35.4	50.3
RC07MO_01	146	148	208074	0.001	0.01	5.25	3	<0.2	<10	400	1.55	0.14	2.08	0.03	77.1	19.8	63	7.95	49.4	4.55	16.95	0.31	1.09	<0.01	0.048	2.53	37.9	51.5
RC07MO_01	148	150	208075	0.001	0.01	5.42	2.8	<0.2	<10	430	1.88	0.09	1.79	0.01	76.7	18.4	63	7.59	21.6	4.45	16.75	0.21	1.04	<0.01	0.054	2.77	37.5	56.5
RC07MO_01	150	152	208076	0.001	0.01	4.05	2.4	<0.2	<10	320	1.44	0.4	1.3	0.04	83.3	17.5	51	6.86	30.1	3.95	12.35	0.16	1.08	<0.01	0.041	2.18	40.3	39.5
RC07MO_01	152	154	208077	0.001	0.02	4.98	4.1	<0.2	<10	360	1.6	0.27	1.41	0.03	85	18.5	60	7.17	32.6	4.25	16.05	0.2	1.07	<0.01	0.047	2.31	41.2	49.7
RC07MO_01	154	156	208078	0.001	0.01	5.35	7.1	<0.2	<10	380	1.61	0.15	1.48	0.01	75.5	19	66	7.67	19.2	4.77	17.6	0.24	1.03	<0.01	0.052	2.44	36.9	55.6
RC07MO_01	156	158	208079	0.001	0.02	5.19	6.7	<0.2	<10	320	1.77	0.14	1.95	0.01	81.7	18.4	64	6.72	19.6	4.52	16.95	0.22	1.24	<0.01	0.049	2.04	39.7	61.8
RC07MO_01	158	160	208080	0.001	0.05	4.53	10.8	<0.2	<10	310	1.64	0.32	1.73	0.1	76.3	20.2	54	7.41	33.8	3.96	13	0.18	1.45	<0.01	0.044	2.15	36.4	42.5
RC07MO_01	160	162	208081	<0.001	0.14	2.34	9	<0.2	10	150	1.14	0.34	1.99	0.15	54	14.7	28	3.76	22.5	2.77	6.66	0.09	1.01	<0.01	0.03	1.19	25.5	19.5
RC07MO_01	162	164	208082	0.001	0.11	2.89	5.1	<0.2	10	200	1.15	0.43	1.48	0.07	48.5	12.5	35	5.09	23.8	3.28	8.44	0.11	1.38	<0.01	0.032	1.45	22.8	23.6
RC07MO_01	164	166	208083	<0.001	0.09	2.57	6.1	<0.2	<10	180	1.04	0.41	1.55	0.07	53	13.4	34	4.68	26.6	3.24	7.77	0.1	1.32	<0.01	0.03	1.23	25.2	24.1
RC07MO_01	166	168	208084	<0.001	0.13	2.14	6.7	<0.2	<10	150	0.94	0.49	1.82	0.11	52.1	13.1	30	3.65	22.2	3.27	6.28	0.08	1.16	<0.01	0.029	1.02	24.7	20
RC07MO_01	168	170	208085	0.001	0.02	3.31	2.8	<0.2	<10	200	1.27	0.36	1.27	0.03	47.4	12.9	37	5.94	28	3.21	9.44	0.1	1.46	<0.01	0.028	1.54	23	31.5
RC07MO_01	170	172	208086	<0.001	0.01	3.9	5.3	<0.2	<10	260	1.47	0.5	1.55	0.02	53.1	13.7	40	7.24	26.3	3.23	10.45	0.13	1.42	<0.01	0.033	1.86	25.2	34.8
RC07MO_01	172	174	208087	0.001	0.01	3.82	4.7	<0.2	<10	240	1.52	0.48	1.37	0.01	54.4	14.3	40	6.79	26.1	3.37	10.35	0.12	1.49	<0.01	0.033	1.75	25.7	39.2
RC07MO_01	174	176	208088	0.001	0.01	3.53	4.9	<0.2	<10	250	1.33	0.47	1.43	0.02	49.6	12.6	39	6.7	21.8	3.38	9.71	0.11	1.29	<0.01	0.03	1.67	23.3	33.7
RC07MO_01	176	178	208089	<0.001	<0.01	3.75	5	<0.2	<10	280	1.48	0.52	1.47	0.03	48.7	13.3	42	7.2	24.8	3.47	10.15	0.11	1.26	<0.01	0.033	1.8	23.4	35.5
RC07MO_01	178	180	208090	<0.001	0.01	3.41	5.4	<0.2	<10	280	1.26	0.51	1.43	0.03	36.9	13.1	41	6.5	25.6	3.35	9.53	0.09	0.99	0.01	0.031	1.6	18.2	30.5
RC07MO_01	180	182	208091	<0.001	0.01	3.23	5.2	<0.2	<10	250	1.32	0.48	1.37	0.02	41.3	12.3	39	6.11	23.7	3.42	9.27	0.09	1.15	0.01	0.029	1.49	20.2	30.1
RC07MO_01	182	184	208092	<0.001	0.01	3.27	5.2	<0.2	<10	240	1.34	0.5	1.4	0.02	43.8	12.6	40	6.11	24.4	3.36	9.12	0.09	1.19	0.01	0.03	1.51	21.5	27.3
RC07MO_01	184	186	208093	<0.001	0.01	2.74	5.8	<0.2	<10	210	1.12	0.44	1.59	0.02	45	13	39	5.02	33.2	3.32	8.23	0.09	1.25	<0.01	0.028	1.26	22.1	25.1
RC07MO_01	186	188	208094	0.001	<0.01	2.73	5.3	<0.2	<10	190	1.24	0.29	1.6	0.01	45.2	13.4	32	5.17	20.7	2.95	7.99	0.08	1.49	<0.01	0.023	1.35	21.8	23
RC07MO_01	188	190	208095	<0.001	<0.01	3.15	3.5	<0.2	<10	200	1.21	0.43	1.47	0.01	42.2	11.9	35	6.17	22.1	2.99	8.92	0.09	1.15	<0.01	0.028	1.5	20.5	27.5
RC07MO_01	190	192	208096	<0.001	0.01	2.9	4.9	<0.2	<10	180	1.13	0.38	1.6	0.02	40.4	12.3	33	5.26	29.8	2.91	8.33	0.09	1.07	<0.01	0.026	1.32	20	30.4

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
96	98	208049	2.07	548	1.04	0.25	0.08	19.8	380	2	121.5	<0.001	0.01	0.16	7.7	0.4	1.8	62.4	<0.01	0.02	13.2	0.191	0.53	1.81	50	0.35	12.05	38	28.6
98	100	208050	2.07	536	0.8	0.23	0.09	20.3	390	2	122.5	<0.001	0.01	0.13	7.6	0.5	1.7	61.3	<0.01	0.02	13.6	0.191	0.54	1.76	50	0.28	12.6	28	30.9
100	102	208051	2.11	534	0.82	0.2	0.11	20.8	400	2	116.5	<0.001	0.01	0.14	7.5	0.5	1.7	51.3	0.01	0.02	13.4	0.194	0.52	1.76	50	0.84	14.05	35	29.7
102	104	208052	2.14	553	0.99	0.17	0.09	20.3	400	1.7	111	<0.001	0.01	0.14	7.1	0.5	1.6	43.8	<0.01	0.02	13.1	0.184	0.51	1.51	49	0.51	14.85	41	30.2
104	106	208053	2.18	568	1.08	0.17	0.17	20.4	400	1.8	107.5	<0.001	0.01	0.19	7.9	0.5	1.8	39.6	0.01	0.02	13.5	0.194	0.49	1.66	52	0.49	17.2	38	34.8
106	108	208054	2.14	553	0.87	0.18	0.13	20.9	390	1.5	113	0.001	0.01	0.16	7.1	0.5	1.7	43.9	0.01	0.02	13.6	0.184	0.49	1.91	49	1.19	17.1	33	33
108	110	208055	2.04	465	0.72	0.12	0.08	18.8	390	1.1	90.9	<0.001	0.01	0.12	6.4	0.5	1.2	31.9	0.01	0.02	13.1	0.152	0.4	1.68	43	0.33	14.5	22	30.5
110	112	208056	2.06	410	1.13	0.1	0.11	23.1	390	1.5	80	<0.001	1.36	0.1	6.6	1.3	1.1	34.3	<0.01	0.04	11.5	0.126	0.34	1.9	39	0.34	11.55	8	29.9
112	114	208057	2.19	500	1.17	0.08	0.09	19.9	400	1.2	104.5	<0.001	0.04	0.11	6.9	0.5	1.4	28.5	0.01	0.01	12.7	0.159	0.45	1.53	46	0.71	13.4	21	28.8
114	116	208058	2.22	549	1.12	0.09	0.09	21.1	430	1.5	99.7	<0.001	0.03	0.14	7.2	0.5	1.5	29.5	0.01	0.02	13.1	0.169	0.45	1.43	49	0.25	15.7	35	27.6
116	118	208059	2.19	531	1.02	0.13	0.1	19.7	390	1.9	113.5	<0.001	0.03	0.15	7.9	0.5	1.6	37.2	0.01	0.01	12.7	0.179	0.51	1.47	50	0.22	13.75	39	26.4
118	120	208060	2.14	509	0.63	0.18	0.08	20.4	410	1.7	117	<0.001	0.02	0.18	8	0.5	1.6	44.8	<0.01	0.01	13	0.188	0.54	1.8	51	0.54	13	37	25.8
120	122	208061	2.02	545	0.69	0.2	0.06	18.8	410	1.6	110	<0.001	0.02	0.15	7.7	0.5	1.6	52.3	<0.01	0.02	13	0.179	0.5	1.81	49	0.31	12.85	39	26.9
122	124	208062	1.99	598	0.55	0.11	0.09	17.1	370	1.3	79.8	<0.001	0.01	0.13	6.6	0.5	1.4	32.7	<0.01	0.01	11.5	0.144	0.36	1.37	43	0.16	14	30	25.2
124	126	208063	1.97	627	0.95	0.21	0.25	18.1	360	2.8	103	<0.001	0.07	0.23	9.2	0.5	1.9	47.5	0.01	0.02	12.6	0.177	0.46	2.02	51	1.6	14.35	38	32.2
126	128	208064	1.68	694	0.75	0.15	0.07	14.7	320	1.4	87.3	<0.001	0.01	0.12	6.1	0.4	1.2	54.7	<0.01	0.03	10.1	0.13	0.39	1.41	37	0.34	12.3	26	23.2
128	130	208065	2.28	515	0.56	0.21	0.07	21.8	490	1.4	123.5	<0.001	0.01	0.07	10.5	0.5	2	48.1	<0.01	0.01	13.5	0.203	0.54	1.61	65	0.23	14.55	28	27.1
130	132	208066	2.51	626	0.79	0.2	0.1	25.8	610	1.4	116.5	<0.001	0.03	0.1	11.9	0.6	2	55.5	0.01	0.02	15.4	0.205	0.48	1.89	73	0.39	17.65	24	33.1
132	134	208067	2.67	494	0.9	0.36	0.11	27.3	660	1.7	148.5	<0.001	0.21	0.07	15.5	0.7	3.1	70.8	0.01	0.03	16.8	0.276	0.63	2.03	95	0.32	19.65	30	29.3
134	136	208068	2.87	543	0.51	0.17	0.11	29.2	670	1.9	128	<0.001	0.08	0.07	14.1	0.7	2.8	37	0.01	0.01	15.6	0.248	0.55	3.38	91	0.15	19.6	29	22.5
136	138	208069	2.73	441	0.48	0.1	0.07	30.1	700	0.8	117.5	<0.001	0.04	0.05	10.6	0.8	1.9	27.5	0.01	0.02	15.8	0.201	0.48	2.19	78	0.17	18.6	12	26.7
138	140	208070	2.46	522	1.48	0.21	0.06	27.5	650	1	105.5	<0.001	0.25	0.09	11.9	0.9	1.9	47.2	0.01	0.03	16.1	0.186	0.43	1.85	70	0.22	20	19	29.4
140	142	208071	2.56	611	1.69	0.33	0.1	26.2	540	1.7	140.5	<0.001	0.08	0.12	12.7	0.7	2.3	73.2	0.01	0.02	15.5	0.232	0.59	2.3	75	0.68	19.85	32	35.6
142	144	208072	2.65	594	1.06	0.42	0.07	29.2	610	1.5	159	<0.001	0.03	0.07	14.7	0.7	2.7	81.2	0.01	0.02	16.1	0.271	0.65	2.07	91	0.41	19.75	30	28.8
144	146	208073	2.7	566	1.23	0.34	0.12	28.9	660	1.4	141.5	<0.001	0.04	0.07	15.2	0.8	2.6	70.8	0.01	0.02	15.9	0.285	0.59	2.01	91	0.43	21.5	27	31.8
146	148	208074	2.89	499	0.74	0.26	0.1	30.4	700	1.4	153.5	<0.001	0.16	0.12	15	0.9	2.6	58.9	0.01	0.02	16.9	0.288	0.64	1.98	95	0.24	21.7	20	28
148	150	208075	2.94	569	0.48	0.17	0.08	30.3	650	1.4	164	<0.001	0.02	0.06	15.4	0.7	2.7	50	0.01	0.02	15.7	0.284	0.69	1.13	93	0.28	20.8	21	27.4
150	152	208076	2.35	473	0.55	0.12	0.08	28.2	640	1.8	138.5	<0.001	0.01	0.09	9.4	0.6	1.9	31.9	<0.01	0.02	18.3	0.243	0.59	1.28	68	0.17	17.4	22	26.1
152	154	208077	2.49	566	0.41	0.25	0.08	29.7	680	2.2	144	<0.001	0.01	0.11	13.8	0.6	2.5	56.1	<0.01	0.03	17.4	0.263	0.59	1.53	87	0.16	19.65	30	27.2
154	156	208078	2.8	562	0.58	0.27	0.1	30.7	720	3.3	146	<0.001	0.04	0.11	16.3	0.8	3.1	55.8	0.01	0.02	17.3	0.302	0.63	1.97	99	0.25	21.6	32	25.8
156	158	208079	2.72	574	0.64	0.29	0.16	30.1	690	3.2	127	<0.001	0.13	0.22	15.1	0.9	2.8	60.7	0.01	0.03	19.2	0.313	0.54	2.43	96	0.44	24.7	33	33.8
158	160	208080	2.3	520	0.75	0.26	0.12	30.2	630	9.4	134.5	<0.001	0.13	0.14	10.4	0.9	1.9	50.2	0.01	0.04	19.6	0.25	0.58	2.84	78	0.31	24	39	39.4
160	162	208081	1.46	486	1.6	0.12	0.11	19.9	460	5.7	72.4	0.007	0.11	0.55	6	0.6	1.1	45.4	<0.01	0.02	14.3	0.113	0.33	2.13	38	0.42	14.1	37	25
162	164	208082	1.7	496	1.57	0.13	0.11	21.2	430	7.8	89.4	0.002	0.12	0.55	6.8	0.6	1.4	36.9	0.01	0.02	15.8	0.139	0.41	2.26	47	0.45	14.9	37	36.9
164	166	208083	1.63	499	1.8	0.11	0.1	21.8	430	7.5	77.2	0.002	0.12	0.31	5.9	0.6	1.2	34.2	<0.01	0.02	16.2	0.12	0.37	2.27	44	0.42	14.2	38	35.3
166	168	208084	1.54	589	1.73	0.09	0.1	20.1	410	6.9	61	0.001	0.12	0.46	5.4	0.5	1	40.6	<0.01	0.02	14.1	0.093	0.29	1.92	35	0.65	14.2	47	30.2
168	170	208085	1.76	449	1.3	0.19	0.13	20.8	440	2.8	95.8	0.001	0.22	0.3	6.6	0.7	1.4	37.6	0.01	0.03	16.7	0.179	0.44	2.39	52	0.42	16.85	37	38.9
170	172	208086	1.78	495	1.89	0.25	0.16	21	440	1.8	117.5	0.001	0.12	0.19	7.3	0.7	1.7	49.2	0.01	0.02	17.2	0.209	0.53	2.53	55	0.36	16.4	35	39.1
172	174	208087	1.76	433	2.95	0.24	0.18	22.5	450	1.9	111.5	0.001	0.12	0.25	7.2	0.7	1.8	46.5	0.01	0.02	17.5	0.22	0.5	2.52	57	1.56	17.7	33	40.1
174	176	208088	1.65	428	1.41	0.22	0.18	20.6	430	2.5	107	0.001	0.11	0.27	6.6	0.7	1.6	44.7	0.01	0.02	15.8	0.2	0.49	2.28	54	0.62	16.05	34	33.8
176	178	208089	1.65	454	1.87	0.25	0.16	21.8	430	2.9	115.5	0.001	0.1	0.3	7.2	0.6	1.8	50	0.01	0.02	16.1	0.208	0.52	2.16	57	0.95	14.15	34	32.6
178	180	208090	1.57	421	1.44	0.18	0.22	22	420	3	105.5	0.002	0.09	0.32	6.2	0.6	1.6	46.2	0.01	0.02	13.7	0.191	0.45	1.87	54	1.19	11.7	34	21.9
180	182	208091	1.5	420	1.78	0.17	0.26	21.4	400	3.2	101.5	0.002	0.08	0.31	5.8	0.6	1.5	45.5	0.01	0.02	14.1	0.187	0.43	2.48	52	0.99	13.2	34	25.1
182	184	208092	1.52	418	1.92	0.16	0.22	21.5	410	2.8	102.5	0.002	0.07	0.28	5.7	0.6	1.5	43.5	0.01	0.02	14.5	0.186	0.42	2.38	51	1.2	13.5	33	26.4
184	186	208093	1.44	389	3.44	0.13	0.35	22.1	400	2.6	87.1	0.002	0.12	0.29	5.2	0.7	1.4	34	0.01	0.02	14.4	0.169	0.36	2.26	45	1.52	15.5	28	28.7
186	188	208094	1.49	370	1.12	0.1	0.25	20.6	400	1.3	93.4	0.002	0.11	0.2	5.1	0.6	1.3	31	0.01	0.02	14.7	0.174	0.37	2.32	42	0.5	15.35	15	34.9
188	190	208095	1.52	401	1.06	0.16	0.23	20.2	410	1.4	104	0.001	0.07	0.17	5.6	0.6	1.4	41.8	0.01	0.02	13.7	0.191	0.43	1.99	45	0.68	13.65	28	25.6
190	192	208096	1.54	435	1.11	0.13	0.24	19.5	400	1.6	89.5	0.002	0.08	0.19	5.2	0.6	1.4	37.5	0.01	0.02	13.6	0.179	0.36	2.01	43	0.82	13.25	29	23.6

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_01	192	194	208097	<0.001	0.01	3.09	3.8	<0.2	<10	200	1.3	0.48	1.47	0.02	38.8	12	35	5.62	24.4	2.87	8.57	0.09	1.14	<0.01	0.027	1.45	19.1	33.1
RC07MO_01	194	196	208098	<0.001	0.01	3.17	2.6	<0.2	<10	200	1.25	0.43	1.54	0.03	33.3	10.7	33	5.57	29	2.83	8.15	0.09	1.18	<0.01	0.027	1.49	16.5	27
RC07MO_01	196	198	208099	<0.001	0.02	3.21	2.3	<0.2	<10	210	1.39	0.41	1.53	0.03	37.9	11.5	35	5.68	26.8	2.88	8.79	0.09	1.18	<0.01	0.029	1.5	18.4	30.3
RC07MO_01	198	200	208100	<0.001	0.01	3.48	3.6	<0.2	<10	230	1.55	0.42	1.51	0.02	41.2	12.3	35	5.78	23.1	2.93	9.43	0.08	1.28	<0.01	0.032	1.62	20	33.6
RC07MO_01	200	202	208101	<0.001	0.01	3.78	3.9	<0.2	<10	260	1.83	0.41	1.61	0.02	46.2	12.9	39	6.25	21.9	3.18	10.3	0.09	1.3	<0.01	0.035	1.75	22.7	35.8
RC07MO_01	202	204	208102	<0.001	<0.01	3.36	5.1	<0.2	<10	240	1.53	0.58	1.66	0.02	44.8	12.5	38	5.33	23.3	3.32	9.32	0.09	1.21	<0.01	0.031	1.51	22.2	34.1
RC07MO_01	204	206	208103	0.002	0.01	3.72	3.6	<0.2	<10	240	1.62	0.52	1.35	0.02	41	13.4	41	6.07	29	3.58	10.25	0.1	1.1	<0.01	0.029	1.61	20.5	39.2
RC07MO_01	206	208	208104	0.002	0.01	5.27	3.7	<0.2	<10	330	2.57	0.43	1.38	0.01	72.9	17.8	53	8.24	29.7	4.33	15.3	0.13	1.41	<0.01	0.042	2.27	34.8	54.8
RC07MO_01	208	210	208105	0.003	0.01	4.78	1.7	<0.2	<10	290	2.2	0.23	1.05	0.01	64.8	15.5	52	7.07	28.7	4.47	14	0.13	1.45	<0.01	0.034	1.95	30.5	55.7
RC07MO_01	210	212	208106	0.003	0.01	5.38	5.8	<0.2	<10	360	2.5	0.72	1.38	0.02	66.3	16.3	56	7.8	28.8	4.34	14.8	0.15	1.23	<0.01	0.048	2.22	31.8	48.4
RC07MO_01	212	214	208107	0.002	0.01	5.51	5.5	<0.2	<10	350	2.55	0.84	1.42	0.01	71.8	16.7	55	8.16	29.3	4.38	15.45	0.16	1.21	<0.01	0.047	2.27	34.2	58.9
RC07MO_01	214	216	208108	<0.001	0.01	5.09	4.3	<0.2	10	320	2.33	0.46	1.32	0.01	65.8	15.6	53	7.42	21.2	4.19	14.1	0.15	1.32	<0.01	0.041	2.13	31.8	50.4
RC07MO_01	216	218	208109	0.002	0.01	5.39	4.3	<0.2	<10	310	2.49	0.49	1.5	<0.01	63.1	15.5	51	7.93	15.7	4.21	14.6	0.12	1.29	<0.01	0.042	2.26	30.5	55.4
RC07MO_01	218	220	208110	<0.001	0.11	4.52	4.6	<0.2	<10	290	2.14	0.4	1.36	0.01	61.6	14.1	48	6.65	111.5	4.12	12.5	0.11	1.31	<0.01	0.048	1.87	29.9	46.2
RC07MO_01	220	222	208111	0.002	0.03	4.55	4.5	<0.2	<10	330	2.14	0.42	1.33	0.01	61.4	13.7	52	6.69	44.8	4.38	12.65	0.11	1.35	<0.01	0.043	1.89	29.7	44.5
RC07MO_01	222	224	208112	<0.001	0.01	4.08	8.1	<0.2	<10	330	1.9	0.59	1.3	0.02	55.7	15.3	64	6.31	35.9	4.73	11.5	0.1	1.31	0.01	0.036	1.76	27.3	38.9
RC07MO_01	224	226	208113	0.002	0.01	4.63	5.7	<0.2	<10	300	2.13	0.53	1.55	0.02	56.2	15.3	49	7.32	28.9	3.97	12.7	0.11	1.25	<0.01	0.037	1.98	27.4	47.1
RC07MO_01	226	228	208114	0.002	0.01	4.51	6.1	<0.2	<10	290	2.03	0.66	2.02	0.03	55.7	14.9	54	6.91	29.5	3.81	11.85	0.1	1.45	<0.01	0.037	1.94	27	41.7
RC07MO_01	228	230	208115	0.002	0.01	4.16	4.7	<0.2	<10	250	1.96	0.55	1.64	0.01	45.6	13.8	43	6.71	25.3	3.48	11.25	0.1	1.39	<0.01	0.036	1.81	22.1	43.8
RC07MO_01	230	232	208116	0.001	0.01	4.37	5.2	<0.2	10	270	1.95	0.64	1.74	0.03	49.6	13.8	43	7.08	25.1	3.32	11.3	0.11	1.41	<0.01	0.038	1.92	23.8	39.7
RC07MO_01	232	234	208117	0.002	0.01	4.04	5.2	<0.2	10	250	1.9	0.57	1.69	0.03	46.2	13.3	42	6.8	24.9	3.23	10.75	0.11	1.33	<0.01	0.033	1.83	22.3	41.4
RC07MO_01	234	236	208118	0.002	<0.01	3.96	4.6	<0.2	10	240	1.77	0.44	1.59	0.01	44	12.9	43	6.7	25	3.23	10.45	0.11	1.37	<0.01	0.032	1.82	21.2	40.8
RC07MO_01	236	238	208119	0.001	<0.01	4.17	5.2	<0.2	10	260	1.85	0.51	1.64	0.02	47.4	13.4	43	6.91	24.4	3.25	10.7	0.1	1.37	<0.01	0.034	1.88	23	38.8
RC07MO_01	238	240	208120	0.001	0.01	4.05	4.7	<0.2	10	250	1.93	0.54	1.63	0.02	52.4	13.7	46	6.66	32.4	3.37	10.8	0.09	1.51	<0.01	0.036	1.83	25.4	40.4
RC07MO_02	0	2	208121	0.003	0.01	2.83	6.7	<0.2	50	250	0.99	0.26	6.04	0.07	36.9	12	28	2.43	20.9	2.79	7.67	0.06	0.57	0.07	0.027	0.65	18.7	20
RC07MO_02	2	4	208122	0.001	0.01	3.61	7	<0.2	60	270	1.29	0.32	3.84	0.06	49.8	15.1	35	3.04	27.5	3.69	10.3	0.08	0.76	0.03	0.039	0.73	23.7	22.6
RC07MO_02	4	6	208123	0.001	0.01	3.45	6.8	<0.2	50	300	1.27	0.34	2.71	0.05	55.5	15.5	35	2.91	28.9	3.65	10.25	0.09	0.75	0.02	0.038	0.7	26.8	22.1
RC07MO_02	6	8	208124	0.001	0.01	2.39	6.2	<0.2	30	280	0.95	0.33	3.04	0.06	52.4	12.8	29	2.02	22.6	3.08	6.75	0.07	0.64	0.02	0.026	0.53	26.8	17.2
RC07MO_02	8	10	208125	0.001	0.02	1.93	4.4	<0.2	20	110	1.04	0.28	0.41	0.01	73.9	9.9	28	1.66	20.2	2.79	6.01	0.08	0.54	0.01	0.024	0.38	33	11.6
RC07MO_02	10	12	208126	0.002	0.01	2.79	3.3	<0.2	20	150	1.27	0.26	4.05	0.02	80.6	7.4	30	2.33	19	2.6	7.97	0.09	0.57	0.01	0.031	0.59	45.9	14.8
RC07MO_02	12	14	208127	0.001	0.01	3.56	3.9	<0.2	20	170	1.65	0.3	2.54	0.01	80	15	37	2.92	24.1	2.98	10.15	0.1	0.59	0.01	0.038	0.73	35.8	18.8
RC07MO_02	14	16	208128	0.001	0.01	2.5	4	<0.2	10	210	1.24	0.29	5.86	0.04	51.6	7.7	28	1.93	18.2	2.67	7.49	0.07	0.52	0.01	0.03	0.47	28.8	14.3
RC07MO_02	16	18	208129	<0.001	0.01	2.94	4.5	<0.2	10	200	1.32	0.36	0.44	<0.01	68	7.7	36	2.2	24.3	3.25	8.65	0.08	0.6	0.01	0.034	0.55	30.5	17.4
RC07MO_02	18	20	208130	0.002	0.01	1.84	5.2	<0.2	10	190	0.92	0.27	0.09	0.01	56.9	6.3	27	1.64	17.2	2.83	5.79	0.07	0.53	0.01	0.025	0.39	24.8	10.4
RC07MO_02	20	22	208131	0.001	0.02	2.48	6.5	<0.2	10	100	1.3	0.34	0.54	0.01	76.6	13.7	32	2.25	20	2.76	7.42	0.08	0.57	0.03	0.03	0.51	31.3	13.6
RC07MO_02	22	24	208132	0.001	0.02	2.38	7.3	<0.2	10	380	1.14	0.3	1.5	0.03	62	11.2	29	2.21	18.3	2.72	7.07	0.08	0.55	0.02	0.03	0.5	28.7	12.4
RC07MO_02	24	26	208133	0.002	0.02	1.23	16.4	<0.2	<10	690	1.01	0.5	1.57	0.03	47	9.6	44	1.13	19.4	6.58	5.85	0.09	0.6	0.02	0.029	0.25	24.3	5.7
RC07MO_02	26	28	208134	0.002	0.02	1.38	13.3	<0.2	<10	650	0.92	0.45	1.28	0.02	45.8	7.7	39	1.31	16.5	5.51	5.66	0.07	0.58	0.03	0.029	0.29	21.8	6.5
RC07MO_02	28	30	208135	0.003	0.01	1.45	9.6	<0.2	<10	270	0.79	0.26	2.89	0.01	36.7	5.3	27	1.4	17.1	3.35	4.92	0.06	0.51	0.03	0.022	0.27	18.4	7.2
RC07MO_02	30	32	208136	0.002	0.02	1.14	11	<0.2	<10	400	0.72	0.34	1.22	0.01	36.2	5.6	31	0.98	14.8	4.34	4.45	0.06	0.49	0.02	0.021	0.22	19.5	5.5
RC07MO_02	32	34	208137	0.001	0.01	1.57	7.2	<0.2	10	320	0.55	0.33	0.74	0.01	27.5	4.6	32	1.1	13.3	3.35	5.8	0.05	0.41	0.01	0.027	0.26	15	8.8
RC07MO_02	34	36	208138	<0.001	0.01	2.33	3.4	<0.2	20	320	0.74	0.29	0.18	0.01	57.8	3.4	31	1.24	14	2.48	7.33	0.05	0.35	0.01	0.06	0.29	15.3	12.3
RC07MO_02	36	38	208139	<0.001	0.01	2.29	5	<0.2	20	390	2.1	0.35	0.14	<0.01	134.5	5.2	28	1.16	16.2	3.3	7.17	0.1	0.45	0.01	0.085	0.28	50.7	14.6
RC07MO_02	38	40	208140	<0.001	0.01	3.44	8.6	<0.2	20	400	4.4	0.4	0.15	<0.01	109.5	29.8	43	1.71	22.4	4.27	11.5	0.12	0.56	0.01	0.068	0.45	68.4	25.2
RC07MO_02	40	42	208141	<0.001	0.01	3.34	14.5	<0.2	20	360	2.07	0.34	4.2	0.07	108	36.1	43	3.05	21.5	4.15	11.1	0.13	0.78	0.01	0.052	0.72	81.7	22
RC07MO_02	42	44	208142	<0.001	0.01	4.77	10.1	<0.2	10	290	2.71	0.31	0.82	0.01	74.5	18.5	74	7.57	26.8	4.82	15.1	0.16	1.38	0.01	0.052	1.96	35	38
RC07MO_02	44	46	208143	0.001	<0.01	4.44	5.4	<0.2	<10	320	3.21	0.31	0.16	<0.01	86.6	19.1	76	8.52	23	4.34	15.25	0.23	1.21	<0.01	0.053	2.26	41.2	51
RC07MO_02	46	48	208144	<0.001	<0.01	4.52	5.1	<0.2	<10	340	3.04	0.68	0.23	<0.01	84	18.2	71	8.25	24	4.32	14.6	0.21	1.28	<0.01	0.052	2.19	41.2	47.2

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
192	194	208097	1.48	412	1.33	0.15	0.25	19.3	400	1.6	95.3	0.002	0.09	0.18	5.6	0.6	1.4	41.7	0.01	0.02	13.1	0.184	0.4	1.92	44	0.58	13.15	28	25.3
194	196	208098	1.44	437	1.07	0.16	0.25	18.7	390	2.9	94.7	0.002	0.1	0.22	5.4	0.6	1.4	44.5	0.01	0.01	13.3	0.181	0.4	2.15	44	0.68	11	32	27.4
196	198	208099	1.42	433	1.26	0.17	0.26	18.6	380	2	99.1	0.002	0.09	0.2	5.8	0.6	1.5	46.3	0.01	0.01	13.2	0.182	0.41	2.38	44	0.94	11.65	31	27.4
198	200	208100	1.49	445	1.08	0.19	0.25	19.6	400	1.8	105	0.003	0.07	0.2	6.2	0.6	1.6	47.2	0.01	0.02	13.9	0.197	0.42	2.37	47	0.68	13.35	32	29.9
200	202	208101	1.57	477	1.11	0.2	0.26	20.4	410	2.4	115	0.001	0.06	0.21	6.6	0.7	1.7	53.4	0.01	0.02	15.4	0.205	0.45	2.64	49	0.88	13.9	35	30.9
202	204	208102	1.48	498	1.43	0.17	0.28	19.2	400	2.8	96.9	0.001	0.07	0.24	5.9	0.6	1.5	48.9	0.01	0.02	14.1	0.186	0.4	2.71	47	0.93	13.95	32	27.5
204	206	208103	1.57	427	1.71	0.2	0.32	21.3	420	2.6	104.5	0.001	0.08	0.25	6.5	0.7	1.7	45.2	0.01	0.02	13.8	0.208	0.42	2.14	48	0.9	14.75	35	25.2
206	208	208104	1.92	376	0.97	0.31	0.31	30.8	620	2.7	154	0.001	0.07	0.21	9.9	1	2.4	66.1	0.01	0.03	20.9	0.257	0.58	2.99	70	0.74	20.4	36	33.9
208	210	208105	1.97	356	0.8	0.26	0.34	28.6	600	3	128.5	0.001	0.24	0.3	9.1	0.8	2	52.2	0.01	0.03	20.2	0.245	0.5	2.96	68	0.56	21.3	34	34.2
210	212	208106	1.89	408	1.16	0.32	0.31	27	570	3.1	142.5	0.001	0.02	0.29	10	0.7	2.5	56.3	0.01	0.03	18.4	0.245	0.56	2.57	73	0.88	19.5	43	29.6
212	214	208107	1.99	407	1	0.32	0.32	27.6	610	2.6	148.5	0.001	0.02	0.23	10.2	0.7	2.6	57.1	0.01	0.03	18.6	0.243	0.59	2.65	72	0.72	20.5	46	28.2
214	216	208108	1.84	374	1.12	0.3	0.32	26.3	560	2.8	138	<0.001	0.03	0.23	9.1	0.7	2.3	55.1	0.01	0.03	18.8	0.226	0.54	2.79	67	0.84	19.8	39	30.2
216	218	208109	1.92	401	1.04	0.37	0.35	26.5	610	2	147.5	<0.001	0.09	0.26	9.3	0.7	2.5	60	0.01	0.03	19.2	0.232	0.57	2.62	66	1.06	19.1	36	30.1
218	220	208110	1.78	354	1.06	0.26	0.31	25.6	540	2.8	123	0.001	0.18	0.25	8.1	0.8	2	50.9	0.01	0.03	18.2	0.206	0.48	2.7	61	0.79	18.3	33	31.5
220	222	208111	1.66	375	1.67	0.28	0.32	26.4	500	3.9	124.5	0.001	0.1	0.37	8.4	0.8	2.2	50.5	0.01	0.02	17.1	0.205	0.49	2.54	65	1.33	18.55	33	33.3
222	224	208112	1.54	473	8.05	0.29	0.33	31.3	500	4.2	113.5	0.001	0.1	0.41	7.3	0.7	2.4	52.6	0.01	0.03	16	0.197	0.46	2.44	62	11.8	16.3	40	31.5
224	226	208113	1.79	449	2.57	0.3	0.27	26	520	2.4	129.5	0.001	0.06	0.27	8	0.7	2.3	60.1	0.01	0.03	17.3	0.215	0.53	2.41	59	3.16	16.7	42	28.9
226	228	208114	1.69	502	4.26	0.28	0.36	25.6	490	2.6	123	0.001	0.05	0.26	7.8	0.6	2.2	73	0.01	0.03	16	0.207	0.5	4.07	57	2.62	16.35	39	35
228	230	208115	1.67	435	1.93	0.24	0.31	22.9	480	2.4	118	0.001	0.04	0.28	7.2	0.6	2	64	0.01	0.02	16.1	0.202	0.48	2.48	52	1.85	15.75	38	32.1
230	232	208116	1.68	471	1.23	0.26	0.39	22.1	460	2.1	124	0.001	0.02	0.21	7.7	0.6	2	65.5	0.01	0.02	16.2	0.218	0.5	2.33	52	1.89	14.75	38	33.9
232	234	208117	1.65	460	1.35	0.22	0.44	21.7	470	1.9	120	0.001	0.03	0.23	6.9	0.6	1.9	63.1	0.01	0.02	15.8	0.204	0.49	2.27	48	0.85	14.05	36	30.2
234	236	208118	1.64	408	1.34	0.21	0.37	21.4	470	1.7	118.5	0.001	0.04	0.2	6.6	0.6	1.8	53.4	0.01	0.02	16.2	0.201	0.5	2.36	47	0.62	15.3	32	31.1
236	238	208119	1.65	446	1.52	0.23	0.37	21.5	470	1.7	120.5	<0.001	0.03	0.22	6.9	0.5	1.9	56.5	0.01	0.02	15.9	0.205	0.5	2.25	50	2.93	14.25	37	32
238	240	208120	1.65	463	2	0.24	0.42	23.8	480	1.8	117	0.001	0.06	0.3	7	0.6	1.9	55.7	0.01	0.02	17.3	0.204	0.49	2.52	50	1.18	16.9	38	35.2
0	2	208121	0.94	393	5.75	0.19	0.15	22.4	270	12.7	36	0.001	0.2	0.37	6.3	0.7	1	316	<0.01	0.11	6.7	0.031	0.19	1.21	53	0.6	12.25	54	13.9
2	4	208122	1.12	499	3.46	0.28	0.06	29.1	300	16.1	41.8	0.001	0.06	0.4	8.7	0.6	1.2	135	<0.01	0.11	8.6	0.028	0.22	1.55	61	0.09	14.35	69	16.7
4	6	208123	1.04	507	5.61	0.25	0.05	29.8	290	16.2	42.5	0.001	0.05	0.39	8.8	0.6	1.2	109	<0.01	0.11	9	0.028	0.22	1.48	59	0.21	14.05	71	17.1
6	8	208124	0.71	447	2.75	0.14	0.06	23	220	14.5	32.1	0.001	0.04	0.82	6	0.6	0.9	83.3	<0.01	0.08	7.8	0.023	0.18	1.01	46	0.28	11.95	45	14.4
8	10	208125	0.29	134	1.27	0.09	0.06	14.2	100	11.9	27.3	<0.001	0.02	0.48	5.7	0.4	0.8	25.2	<0.01	0.04	8.8	0.024	0.14	0.93	38	0.27	8.29	26	13.5
10	12	208126	0.52	116	1.03	0.1	0.05	14.4	100	11.2	41.3	<0.001	0.02	0.35	7.8	0.6	1.2	73	<0.01	0.04	9.6	0.028	0.19	0.92	43	0.13	15.25	25	13.6
12	14	208127	0.48	205	1.63	0.12	0.05	20.6	100	13.2	53.2	0.001	0.02	0.43	9.8	0.5	1.5	62.4	<0.01	0.03	9.9	0.028	0.25	0.83	53	0.26	11.95	28	14.8
14	16	208128	1.67	71	1.07	0.1	<0.05	12.8	90	11	34.6	<0.001	0.02	0.34	7.8	0.6	1	123.5	<0.01	0.05	9	0.02	0.17	1.15	41	0.1	15.4	26	13.4
16	18	208129	0.33	64	0.92	0.09	<0.05	15.8	90	13.1	41.5	<0.001	0.01	0.36	8.6	0.4	1.2	32.6	<0.01	0.02	10.6	0.024	0.21	0.81	49	0.18	9.45	27	13.8
18	20	208130	0.19	71	0.87	0.05	0.06	12.1	80	10.1	28	<0.001	0.01	0.42	5.5	0.4	0.8	18.6	<0.01	0.02	8.1	0.022	0.15	0.69	40	0.16	5.94	20	13.5
20	22	208131	0.3	83	0.72	0.06	0.05	15	110	12.6	37	<0.001	0.01	0.41	7.3	0.3	1	26.5	<0.01	0.02	10.1	0.022	0.18	0.69	42	0.13	6.5	30	13.6
22	24	208132	0.29	65	1.53	0.06	0.05	14.7	120	9.2	35.9	<0.001	0.01	0.4	6.8	0.4	1	33.2	<0.01	0.02	9.7	0.023	0.17	0.79	42	0.15	7.75	31	13.6
24	26	208133	0.17	192	1.89	0.04	0.1	16.2	160	16.4	18.3	<0.001	0.02	1.26	4.9	0.6	0.7	33.7	<0.01	0.05	8.3	0.025	0.1	1.05	78	0.25	6.9	24	17.8
26	28	208134	0.16	208	1.91	0.03	0.08	14.9	130	14.5	21.1	<0.001	0.02	1.14	4.8	0.5	0.8	29.3	<0.01	0.04	7.6	0.023	0.11	0.93	66	0.36	5.72	17	16.3
28	30	208135	0.17	82	1.34	0.03	0.08	11.8	110	7.7	21.4	<0.001	0.01	0.72	4.5	0.3	0.8	36	<0.01	0.03	6.5	0.019	0.09	0.87	46	0.44	5.31	12	13.8
30	32	208136	0.14	100	1.51	0.03	0.08	11.5	110	10.2	17.2	<0.001	0.01	0.86	3.9	0.4	0.7	25.8	<0.01	0.03	6.9	0.017	0.08	0.83	49	0.7	4.52	12	13.4
32	34	208137	0.16	52	1.32	0.04	<0.05	9.4	80	7.7	21.7	<0.001	0.01	0.48	5.4	0.3	1	26.8	<0.01	0.02	9.7	0.012	0.11	0.77	50	0.37	3.42	9	10.3
34	36	208138	0.2	44	0.71	0.07	<0.05	6.9	40	11.4	24	<0.001	0.02	0.26	8.7	0.3	1.6	42.2	<0.01	0.02	11.2	0.008	0.15	0.91	51	<0.05	3.63	5	7.8
36	38	208139	0.18	91	1.09	0.06	<0.05	9.1	30	17	23.5	<0.001	0.02	0.31	7.6	0.7	1.3	37.1	<0.01	0.03	12.4	0.01	0.15	1.21	67	0.07	12.35	6	9.7
38	40	208140	0.29	482	1.17	0.08	<0.05	22.1	50	16.5	38.4	<0.001	0.01	0.39	9.4	1	1.9	44.2	0.01	0.03	15.1	0.011	0.23	2.12	74	0.11	23.9	13	12.9
40	42	208141	2.41	2010	1.28	0.09	0.07	23.1	100	14.9	71.1	0.001	0.01	0.37	10.5	1.2	1.8	149.5	0.01	0.06	14.3	0.038	0.42	1.66	77	0.11	41.8	27	19.8
42	44	208142	2.03	581	0.57	0.07	0.15	32.3	400	4.4	156	<0.001	0.01	0.25	13.7	0.5	2.9	41.7	<0.01	0.03	15.5	0.211	0.6	0.85	99	0.27	13.4	46	33.2
44	46	208143	2.29	420	0.31	0.06	0.2	36.1	550	2.4	175.5	<0.001	<0.01	0.19	13.5	0.6	3.4	24.6	<0.01	0.02	17.6	0.261	0.66	0.97	101	0.4	11.4	64	27.2
46	48	208144	2.22	452	0.39	0.06	0.19	36.4	600	2.8	168	<0.001	<0.01	0.22	12.4	0.5	3.2	26.3	<0.01	0.03	16.9	0.244	0.63	1.17	94	0.61	11.7	58	28.8

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_02	48	50	208145	<0.001	<0.01	4.52	2.9	<0.2	<10	360	2.71	0.31	0.17	<0.01	75.3	18.3	92	8.44	20.7	4.35	15.1	0.24	1.18	<0.01	0.061	2.35	37.1	49.8
RC07MO_02	50	52	208146	0.002	0.01	3.93	6.2	<0.2	<10	350	2.31	1.07	0.23	0.01	125.5	26.9	72	6.84	51.7	4.55	12.6	0.22	1.15	0.01	0.049	1.86	63.7	41.3
RC07MO_02	52	54	208147	0.001	0.01	3.87	4	<0.2	<10	410	2.01	0.69	0.87	0.03	95.6	29	80	7.06	34.1	4.44	13	0.24	1.03	0.01	0.047	2.04	49.6	40.2
RC07MO_02	54	56	208148	<0.001	0.01	4.28	2.5	<0.2	<10	390	1.98	0.56	1.02	0.02	72.8	18.3	68	7.72	28.5	4.02	13.85	0.24	1.05	0.01	0.058	2.1	41	38.9
RC07MO_02	56	58	208149	<0.001	0.01	3.84	3.3	<0.2	<10	370	1.71	0.61	0.68	0.02	71.7	15.8	66	7.17	30.7	3.96	13.1	0.23	0.92	0.01	0.051	2.02	34	39
RC07MO_02	58	60	208150	0.001	0.01	4.39	2.9	<0.2	<10	410	1.3	1.09	1.01	0.03	67.4	13.9	68	7.34	44.5	4.32	13.8	0.25	1.19	0.01	0.061	2.14	33.5	38.6
RC07MO_02	60	62	208151	<0.001	0.02	4.89	3	<0.2	<10	410	1.57	0.8	1.15	0.02	66.2	14.1	68	7.54	39.2	4.13	14.65	0.24	1.17	<0.01	0.056	2.19	32.3	42.6
RC07MO_02	62	64	208152	<0.001	0.01	4.78	1.4	<0.2	<10	420	1.65	0.84	0.94	0.03	69.9	12.8	69	7.07	44.5	4.11	14.85	0.22	1.3	0.01	0.051	2.15	34.6	44.1
RC07MO_02	64	66	208153	<0.001	0.02	4.78	2.6	<0.2	<10	450	1.48	0.91	1.09	0.02	67.8	14.5	88	7.2	50.6	4.15	14.55	0.22	1.35	<0.01	0.05	2.14	32.9	37.9
RC07MO_02	66	68	208154	<0.001	0.01	5.25	2.4	<0.2	<10	440	1.82	0.27	1.14	0.02	68.8	12.6	73	7.39	23.8	4.1	15.75	0.27	1.02	<0.01	0.045	2.26	34.4	42
RC07MO_02	68	70	208155	<0.001	0.01	5.06	5.1	<0.2	<10	410	1.73	0.37	1.05	0.01	71.5	13.1	73	7.08	24.5	4.03	14.9	0.26	1.06	<0.01	0.044	2.18	35.4	35.8
RC07MO_02	70	72	208156	<0.001	0.01	4.77	4.2	<0.2	<10	410	1.75	0.4	0.99	0.02	56.9	12.5	68	6.81	19.8	3.96	15.2	0.19	1	0.02	0.05	2.16	28.4	47.4
RC07MO_02	72	74	208157	<0.001	0.01	4.83	5	<0.2	<10	390	1.91	0.42	1.01	0.02	70.7	13.5	70	6.77	22.4	4.14	15.85	0.16	1.09	0.01	0.06	2.2	35.6	49.7
RC07MO_02	74	76	208158	0.001	0.01	3.96	2.9	<0.2	<10	390	1.84	0.38	0.29	0.01	69.9	12.9	66	5.9	21.8	4.02	13.95	0.14	1	0.02	0.053	2	35.3	48.7
RC07MO_02	76	78	208159	0.001	0.01	3.91	3.8	<0.2	<10	370	1.89	0.36	0.26	0.01	74.1	13	64	6.03	22.3	4.02	13.75	0.16	1.03	0.02	0.05	1.99	37.2	46.5
RC07MO_02	78	80	208160	0.003	0.01	3.81	5.7	<0.2	<10	290	1.49	0.22	0.19	0.01	88.1	15.4	57	5.37	22.3	4.09	12.5	0.13	1.31	0.03	0.045	1.96	45.3	41.6
RC07MO_02	80	82	208161	0.001	0.01	2.93	8.2	<0.2	<10	200	1.17	0.22	0.16	0.02	89.3	19.8	48	3.77	32.2	3.74	9.44	0.12	1.09	0.03	0.031	1.46	46	31.8
RC07MO_02	82	84	208162	0.002	0.01	2.82	5.9	<0.2	<10	220	1.13	0.1	0.14	0.01	73.3	15.2	45	3.74	26	3.55	8.68	0.1	1.18	0.02	0.025	1.52	35.7	26.6
RC07MO_02	84	86	208163	<0.001	0.01	1.68	13.9	<0.2	<10	150	1.25	0.21	0.36	0.04	54.9	49	31	2.5	48.5	3.91	6.26	0.08	1.22	0.03	0.017	0.96	29.1	13.9
RC07MO_02	86	88	208164	<0.001	0.01	2.31	3.8	<0.2	<10	190	1.08	0.14	0.81	0.02	50.9	15.7	45	2.83	41.2	3.06	7.33	0.07	1.37	0.01	0.018	1.2	24.5	20.4
RC07MO_02	88	90	208165	<0.001	0.01	2.53	6.1	<0.2	<10	190	1.12	0.17	1.09	0.01	49.7	14.6	48	3.33	43.7	3.23	7.65	0.08	1.38	0.01	0.02	1.38	24	19.9
RC07MO_02	90	92	208166	<0.001	0.01	2.19	3.3	<0.2	<10	140	0.83	0.13	1.23	0.01	45.4	13.2	35	2.17	35.7	3.07	6.56	0.07	1.19	0.01	0.017	0.94	21.9	18.3
RC07MO_02	92	94	208167	<0.001	0.01	1.59	3.8	<0.2	<10	100	0.74	0.13	2.09	<0.01	41.8	17.8	30	1.76	32.8	2.56	4.85	0.06	1.15	<0.01	0.018	0.76	20.4	12.1
RC07MO_02	94	96	208168	<0.001	0.01	2.05	3.9	<0.2	<10	160	1.02	0.12	2.22	<0.01	36.6	48.1	41	3.16	23.7	3.27	7.09	0.07	1.42	<0.01	0.019	1.15	18.3	14.7
RC07MO_02	96	98	208169	<0.001	0.01	3.22	4.9	<0.2	<10	210	1.24	0.1	1.75	<0.01	60.2	22.5	52	3.97	22.6	3.46	10.4	0.1	1.4	<0.01	0.02	1.36	29.4	25.5
RC07MO_02	98	100	208170	0.002	0.01	3.79	4.1	<0.2	<10	260	1.32	0.22	1.07	<0.01	60.5	16.4	58	5.04	33.8	4.01	11.8	0.12	1.41	<0.01	0.026	1.59	29.5	34.4
RC07MO_02	100	102	208171	0.001	0.01	4.44	7.4	<0.2	<10	320	1.57	0.36	1.45	0.01	63.8	15.3	66	6	22.3	3.95	14.05	0.13	1.37	<0.01	0.043	1.89	31.4	36.3
RC07MO_02	102	104	208172	0.001	0.01	4.39	5.2	<0.2	<10	310	1.32	0.28	1.62	<0.01	67.2	13.3	65	6.32	17.6	4.02	13.85	0.14	1.26	<0.01	0.045	1.92	33.1	34.5
RC07MO_02	104	106	208173	0.001	0.01	4.43	5.8	<0.2	<10	300	1.32	0.22	1.24	0.01	63.3	14.9	67	6.34	16.4	4.22	14.2	0.14	1.23	<0.01	0.042	1.88	31.1	41.8
RC07MO_02	106	108	208174	<0.001	0.01	4.6	4.5	<0.2	<10	340	1.38	0.27	1.23	0.01	65.9	13	65	7.31	22.2	3.95	14.1	0.15	1.17	<0.01	0.049	2.09	32.4	40.9
RC07MO_02	108	110	208175	<0.001	0.01	4.19	4.7	<0.2	<10	310	1.37	0.4	1.2	0.02	55.4	13.4	61	6.88	19.8	3.81	13.1	0.16	1.2	<0.01	0.044	2.01	27.1	42.3
RC07MO_02	110	112	208176	<0.001	0.01	4.23	5.2	<0.2	<10	310	1.4	0.52	1.32	0.01	55.6	14.5	62	6.71	29.5	3.86	13.1	0.15	1.24	<0.01	0.047	1.96	27.7	42.4
RC07MO_02	112	114	208177	<0.001	0.01	4.54	5.1	<0.2	<10	320	1.41	0.48	1.39	0.04	59.1	13.9	65	6.89	21.2	3.98	14.25	0.17	1.15	<0.01	0.05	2.04	29	47.7
RC07MO_02	114	116	208178	<0.001	0.01	4.46	6.2	<0.2	<10	320	1.45	0.51	1.34	0.02	57.5	14.5	62	6.97	23.3	3.9	13.95	0.15	1.28	<0.01	0.05	2.01	28.3	45.6
RC07MO_02	116	118	208179	<0.001	0.01	4.46	3.7	<0.2	<10	340	1.48	0.64	1.3	0.02	57.9	13.7	62	7.07	28.2	3.88	14.05	0.15	1.29	<0.01	0.051	2.09	29.2	43.6
RC07MO_02	118	120	208180	<0.001	0.01	3.93	5.6	<0.2	<10	300	1.29	0.5	1.25	0.02	54.9	13.8	58	6.14	25.8	3.83	13.05	0.14	1.19	<0.01	0.046	1.88	27.2	46.4
RC07MO_02	120	122	208181	<0.001	0.01	3.76	4.5	<0.2	<10	300	1.18	0.73	2.19	0.02	56.2	13.4	55	5.39	29.2	3.68	12.5	0.12	1.26	<0.01	0.046	1.83	27.9	38
RC07MO_02	122	124	208182	<0.001	0.01	4.22	2.8	<0.2	<10	320	1.28	0.65	1.3	0.02	54.2	13.4	60	6.22	29.5	3.94	13.45	0.14	1.13	<0.01	0.048	1.96	27	45.8
RC07MO_02	124	126	208183	0.001	0.01	4.36	3.3	<0.2	<10	350	1.31	0.71	1.26	0.02	50.2	13.4	62	6.06	27	3.85	13.75	0.15	1.2	<0.01	0.049	2.01	24.7	42.5
RC07MO_02	126	128	208184	0.001	0.01	3.68	3.1	<0.2	<10	280	1.22	0.83	1.25	0.02	60.5	14	56	4.68	39.8	3.74	11.9	0.12	1.37	<0.01	0.041	1.68	30.2	40.7
RC07MO_02	128	130	208185	0.001	0.01	3.39	4.3	<0.2	<10	260	1.11	0.58	1.32	<0.01	53.6	14	49	4.67	30.2	3.65	10.6	0.14	1.38	<0.01	0.031	1.68	26.4	34.7
RC07MO_02	130	132	208186	<0.001	0.02	3.01	4.4	<0.2	<10	220	1.06	0.26	1.3	0.02	53.9	12.4	44	4.18	24.6	3.64	9.15	0.12	1.39	<0.01	0.028	1.65	26.2	27.4
RC07MO_02	132	134	208187	<0.001	0.01	2.62	2.4	<0.2	<10	180	0.95	0.26	1.93	0.01	58.4	11.2	39	3.09	28.4	3.35	7.81	0.09	1.4	<0.01	0.026	1.35	28.8	23.4
RC07MO_02	134	136	208188	0.001	0.01	2.86	3.9	<0.2	<10	190	1.05	0.31	1.99	0.01	52.7	12.1	42	3.38	25.4	3.48	8.86	0.1	1.33	<0.01	0.029	1.38	26	32.5
RC07MO_02	136	138	208189	<0.001	0.01	3.6	5	<0.2	<10	290	1.26	0.3	1	<0.01	57.9	13.1	57	5.13	32.5	3.69	11.65	0.14	1.47	<0.01	0.038	1.78	28.2	34.8
RC07MO_02	138	140	208190	0.001	0.01	2.29	5.4	<0.2	<10	160	0.91	0.23	2.13	0.01	51.7	26.7	36	2.74	29.7	3.03	7.24	0.08	1.45	<0.01	0.025	1.14	25.9	18.9
RC07MO_02	140	142	208191	<0.001	<0.01	3.73	5.8	<0.2	<10	280	1.26	0.4	1.37	0.01	59.9	14.5	54	5.07	28.9	3.61	10.65	0.17	1.38	0.01	0.037	1.75	29.1	28.9
RC07MO_02	142	144	208192	<0.001	<0.01	3.9	3.9	<0.2	<10	300	1.29	0.56	1.3	<0.01	59.1	14	57	5.86	29.8	3.73	11.25	0.19	1.27	0.01	0.036	1.82	28.8	31.9

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
48	50	208145	2.33	536	0.35	0.06	0.21	38.1	550	2.5	173.5	<0.001	<0.01	0.16	13.3	0.7	3.6	26.1	<0.01	0.01	17.3	0.254	0.66	0.9	117	0.37	11.4	62	26.5
50	52	208146	2.03	795	0.86	0.05	0.19	54.4	510	3	137	<0.001	<0.01	0.34	9.8	0.8	2.7	29	0.01	0.06	15.5	0.195	0.5	0.97	104	0.64	16.85	57	28.9
52	54	208147	2.21	954	0.57	0.05	0.19	49.3	560	3.1	137	<0.001	<0.01	0.27	10.9	0.8	2.8	34.3	<0.01	0.03	17	0.223	0.54	0.76	111	0.52	16.2	60	24.6
54	56	208148	2.26	580	0.44	0.07	0.16	34.2	550	2.3	143	<0.001	<0.01	0.17	12.8	0.6	3.4	40.2	<0.01	0.02	15.3	0.231	0.52	0.51	95	0.35	14.6	59	25.2
56	58	208149	2.2	556	0.48	0.09	0.17	34.2	570	2.1	136	<0.001	<0.01	0.21	11.8	0.6	3.1	37.8	<0.01	0.02	15.7	0.232	0.51	0.7	92	0.27	12.25	55	22.8
58	60	208150	2.2	573	0.94	0.31	0.17	29.5	570	2	140	0.001	0.01	0.2	13	0.7	3.5	59.2	<0.01	0.03	16.9	0.26	0.53	1.09	97	0.69	12.55	58	31
60	62	208151	2.2	482	1.2	0.38	0.18	28.7	550	2.1	138.5	0.001	0.08	0.23	12.5	0.7	3.3	66.6	<0.01	0.02	17.3	0.269	0.52	1.56	96	0.84	11.2	56	29
62	64	208152	2.24	519	0.74	0.34	0.19	28.1	560	2.3	137.5	0.001	0.02	0.19	12.9	0.8	3.3	61	0.01	0.02	17.4	0.268	0.52	1.36	98	0.46	13.65	53	31
64	66	208153	2.14	481	1.76	0.38	0.2	38.3	610	2.3	135.5	0.001	0.11	0.22	12.9	1	3.3	65.8	0.01	0.03	17.7	0.268	0.5	1.73	96	0.79	12.8	53	33.4
66	68	208154	2.35	414	0.72	0.38	0.16	22	490	2.1	138	<0.001	0.01	0.18	13.1	0.7	3.1	62.1	<0.01	0.01	17.2	0.255	0.52	1.18	106	0.37	11.75	48	24.3
68	70	208155	2.3	383	0.67	0.35	0.17	28.3	480	2	136.5	0.001	0.02	0.21	12	0.7	2.9	63.3	<0.01	0.02	16.9	0.245	0.52	1.26	105	0.42	11.35	48	25.7
70	72	208156	2.2	374	0.79	0.32	0.17	27.7	510	1.4	138.5	0.002	0.02	0.26	11.1	0.6	2.9	55	<0.01	0.02	16.4	0.236	0.59	1.4	96	0.49	12.3	46	22.6
72	74	208157	2.28	383	0.82	0.29	0.18	29.5	530	1.6	147.5	0.001	0.03	0.29	11.2	0.8	3.2	62.7	0.01	0.02	17.2	0.262	0.63	1.51	97	0.45	16.7	37	25.3
74	76	208158	2.26	347	0.46	0.07	0.21	28.2	530	1.5	134.5	0.001	<0.01	0.25	9.9	0.7	2.8	24.8	<0.01	0.02	17	0.245	0.58	1.56	91	0.34	15.6	29	21.4
76	78	208159	2.25	356	0.51	0.06	0.23	27.5	520	1.3	138	<0.001	<0.01	0.23	9.7	0.6	2.8	23.7	<0.01	0.02	16.8	0.249	0.6	1.5	87	0.37	15.4	24	22.4
78	80	208160	2.16	343	0.66	0.04	0.27	30.2	570	1	134.5	0.001	<0.01	0.26	8.4	0.8	2.3	17.4	0.01	0.02	18.3	0.243	0.61	3.35	77	0.4	17.15	17	26.9
80	82	208161	1.96	306	0.72	0.03	0.18	33.4	580	0.7	102	0.001	<0.01	0.22	5.6	0.9	1.4	15.4	<0.01	0.05	18.6	0.176	0.48	3.46	64	0.24	13.85	10	21.7
82	84	208162	1.84	232	1.16	0.03	0.18	29.1	470	0.6	103	<0.001	<0.01	0.17	5	0.6	1.2	12.9	<0.01	0.02	15.1	0.174	0.46	2.11	59	0.34	10.75	7	22.7
84	86	208163	1.06	284	1.3	0.04	0.16	38.4	440	0.7	64.8	<0.001	0.01	0.26	4.9	0.9	0.8	13.8	<0.01	0.15	13.2	0.095	0.29	1.12	54	0.32	10.4	4	26.5
86	88	208164	1.55	229	1.61	0.04	0.14	26.5	420	0.7	77.4	<0.001	0.01	0.16	4.9	0.5	1	15.1	<0.01	0.02	13.7	0.122	0.34	1.07	66	0.27	9.1	5	31.1
88	90	208165	1.64	235	2.15	0.04	0.17	27	400	0.5	93.7	0.003	0.1	0.18	4.8	0.7	1.2	15.7	<0.01	0.02	13.6	0.154	0.41	1.61	66	0.62	8.95	5	29.4
90	92	208166	1.55	241	1.78	0.03	0.16	27.3	400	0.5	64.1	0.002	0.19	0.19	3.6	0.8	0.8	14.7	<0.01	0.02	12.4	0.098	0.25	1.25	51	0.34	9.22	5	25.6
92	94	208167	1.53	310	2.78	0.04	0.2	24.3	410	0.6	49.8	0.003	0.32	0.2	4.8	0.7	0.7	25.1	<0.01	0.03	12.8	0.084	0.21	1.53	45	1.85	9.24	4	24.5
94	96	208168	1.77	298	1.87	0.09	0.2	27.9	510	0.7	77.3	0.001	0.62	0.15	6.4	0.7	1.1	30.6	<0.01	0.04	14.6	0.118	0.3	1.96	56	1.74	11.6	5	32.9
96	98	208169	1.92	266	1.09	0.15	0.24	27.1	520	0.6	91.9	0.001	0.25	0.14	6.8	0.9	1.5	33.3	0.01	0.02	17.9	0.189	0.37	1.98	69	0.7	17.05	12	34.3
98	100	208170	2.03	323	2.2	0.22	0.33	30.7	570	0.8	104.5	0.001	0.29	0.15	7.3	0.9	1.9	37	0.01	0.03	17.5	0.208	0.43	2.24	75	0.87	18	23	35
100	102	208171	2.13	385	1.63	0.31	0.23	29.2	500	0.9	124	0.002	0.14	0.22	9.3	0.9	2.6	54.5	0.01	0.02	17.1	0.249	0.51	2.1	89	0.95	18.65	26	35
102	104	208172	2.15	417	1.25	0.3	0.26	27.3	500	1	124	0.001	0.11	0.19	9.4	0.9	2.7	53.9	0.01	0.02	18.4	0.263	0.54	1.97	88	0.78	17.5	28	31.3
104	106	208173	2.26	370	1.22	0.27	0.26	29.5	560	1	122	0.001	0.13	0.21	9.9	0.9	2.7	45.1	0.01	0.02	18.3	0.265	0.53	2.01	90	0.68	17.6	29	30
106	108	208174	2.17	347	1.04	0.32	0.23	26.7	530	1	136	0.001	0.09	0.18	9.9	0.9	2.9	46.9	0.01	0.01	18.6	0.25	0.59	1.96	89	0.69	14.4	32	29.4
108	110	208175	2.06	338	1.04	0.27	0.2	26.7	490	1.1	129.5	0.001	0.11	0.22	9	0.7	2.6	43.7	<0.01	0.02	16.3	0.237	0.55	1.8	84	0.63	13.25	30	29.5
110	112	208176	2.06	375	1.4	0.28	0.19	28	500	1.2	125	0.002	0.16	0.22	9.1	0.8	2.6	53.1	0.01	0.02	15.8	0.241	0.55	1.86	87	0.62	12.6	35	31.1
112	114	208177	2.19	384	1.07	0.31	0.21	27.2	490	1.2	129.5	0.001	0.12	0.25	10.1	0.8	2.7	56.2	0.01	0.01	16.2	0.255	0.54	1.82	91	0.78	13.35	49	28.6
114	116	208178	2.11	380	1.38	0.31	0.21	26.8	510	1.3	128.5	0.001	0.13	0.24	10.1	0.8	2.8	46.6	0.01	0.02	16.1	0.261	0.54	1.93	86	0.78	14.8	38	31.7
116	118	208179	2.06	381	1.29	0.33	0.21	26.6	520	1.4	131	0.001	0.16	0.25	10.3	0.7	2.9	51.2	0.01	0.02	15.6	0.254	0.56	1.82	86	0.58	12.35	38	31.5
118	120	208180	2.07	392	1.34	0.23	0.22	26.3	480	1.4	122.5	0.001	0.15	0.23	9.1	0.8	2.6	39.6	0.01	0.01	14.9	0.248	0.51	1.49	79	0.58	13.8	35	27.5
120	122	208181	1.94	544	1.23	0.23	0.21	25.3	550	1.4	115.5	0.001	0.16	0.2	9.2	0.7	2.5	51.1	0.01	0.02	15.8	0.232	0.46	1.82	76	0.53	13.65	30	29.1
122	124	208182	2.09	405	1.44	0.29	0.21	26.8	510	1.9	122	0.001	0.18	0.18	9.7	0.8	2.7	46.3	<0.01	0.01	15.7	0.237	0.5	1.69	83	0.56	13.45	36	25.9
124	126	208183	2.06	380	1.42	0.31	0.23	26.3	560	1.2	124.5	0.001	0.16	0.2	10	0.7	2.8	52	0.01	0.02	16	0.246	0.5	1.89	86	0.65	14.1	31	28.5
126	128	208184	1.99	355	1.85	0.2	0.24	29.8	490	1.3	106	0.002	0.25	0.21	8	0.9	2.3	39.3	0.01	0.03	16.5	0.239	0.42	1.94	75	0.79	17.35	27	34.1
128	130	208185	1.91	331	1.67	0.14	0.2	27.4	490	0.7	111	0.002	0.22	0.21	6.8	0.8	1.8	35.9	<0.01	0.03	15.1	0.211	0.45	1.8	67	0.49	12.45	20	33.9
130	132	208186	1.87	360	1.35	0.07	0.22	25.9	480	1.4	111.5	0.002	0.17	0.26	5.9	0.7	1.6	30	<0.01	0.01	14.6	0.216	0.46	1.62	60	0.49	10.85	22	32.5
132	134	208187	1.71	420	1.72	0.04	0.16	23.6	450	0.7	84.3	0.001	0.33	0.26	4.8	0.7	1.3	26.4	<0.01	0.02	14.8	0.17	0.37	1.63	51	0.49	10.25	18	30.6
134	136	208188	1.88	434	1.36	0.06	0.19	24.8	520	0.6	88.9	0.001	0.21	0.23	5.9	0.7	1.5	26.9	0.01	0.02	14.4	0.191	0.37	1.81	56	0.39	13.6	17	30.4
136	138	208189	2.02	263	1.18	0.18	0.22	24.9	480	0.8	115	0.001	0.12	0.18	7.6	0.7	2.1	32.1	0.01	0.02	16.1	0.22	0.45	1.96	78	0.45	14.25	16	37.8
138	140	208190	1.72	388	1.63	0.08	0.18	27.9	480	0.6	70.7	0.001	0.36	0.22	5.8	0.8	1.3	35.8	<0.01	0.03	15.2	0.135	0.26	2.01	50	1.13	12.4	9	36.3
140	142	208191	1.94	345	1.37	0.24	0.21	24.7	480	1.3	115.5	0.003	0.67	0.22	7.8	0.8	2	44.2	0.01	0.02	15.9	0.222	0.42	2.03	77	0.67	16	24	35.2
142	144	208192	1.93	345	1.54	0.29	0.21	25.2	500	1.5	123	0.003	0.68	0.26	8.4	0.8	2.2	48.6	<0.01	0.02	15.1	0.228	0.47	1.96	81	0.69	14.4	30	32.1

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_02	144	146	208193	0.001	<0.01	3.82	3.3	<0.2	<10	290	1.29	0.44	1.53	<0.01	60	13.6	57	5.78	26.8	3.68	11.05	0.18	1.31	<0.01	0.036	1.77	29.1	34
RC07MO_02	146	148	208194	<0.001	<0.01	3.46	3.2	<0.2	<10	270	1.09	0.39	1.07	<0.01	53.2	12.4	54	5.36	26.8	3.44	9.81	0.18	1.08	<0.01	0.029	1.66	25.7	30.9
RC07MO_02	148	150	208195	<0.001	<0.01	3.74	4.4	<0.2	<10	300	1.24	0.38	1.4	0.01	54.9	14.4	55	5.52	37.6	3.66	10.7	0.19	1.13	0.01	0.037	1.81	26.9	31.1
RC07MO_02	150	152	208196	<0.001	0.02	3.43	4.7	<0.2	<10	250	1.13	0.39	1.24	0.05	56.6	14.7	53	4.96	29.3	3.67	10.5	0.16	1.25	<0.01	0.036	1.56	28	35.9
RC07MO_02	152	154	208197	<0.001	0.01	3.29	1	<0.2	<10	250	1.15	0.49	1.26	0.02	51.3	12.8	52	4.91	45.9	3.46	9.38	0.16	1.16	<0.01	0.031	1.55	24.9	29.9
RC07MO_02	154	156	208198	<0.001	<0.01	3.53	4.8	<0.2	<10	290	1.12	0.45	1.2	0.01	50.6	14	54	5.58	27.1	3.4	10.25	0.18	1.04	<0.01	0.035	1.7	24.2	31.8
RC07MO_02	156	158	208199	<0.001	<0.01	3.85	3.2	<0.2	<10	310	1.4	0.39	1.24	0.02	52.3	13	57	5.39	33.7	3.68	11.1	0.18	1.28	<0.01	0.047	1.79	25.2	35.5
RC07MO_02	158	160	208200	<0.001	<0.01	3.89	6.5	<0.2	<10	320	1.26	0.3	1.18	0.02	55.4	14.7	61	5.79	23.2	3.58	11.8	0.22	1.11	<0.01	0.047	1.82	26.3	35.1
RC07MO_02	160	162	208201	<0.001	<0.01	3.99	3.1	<0.2	<10	330	1.18	0.27	1.36	0.01	54	12.7	62	5.75	26.2	3.63	12	0.21	1.1	<0.01	0.048	1.83	26.3	36.2
RC07MO_02	162	164	208202	<0.001	<0.01	3.65	3.9	<0.2	<10	300	1.21	0.39	0.99	0.01	57.7	14.9	56	5.39	32.2	3.63	10.7	0.17	1.21	<0.01	0.039	1.71	28.2	32.8
RC07MO_02	164	166	208203	<0.001	<0.01	3.38	1.9	<0.2	<10	280	1.23	0.45	1.16	<0.01	52.1	13.5	56	5.19	48.9	3.37	9.86	0.15	1.24	<0.01	0.037	1.59	25.1	29.9
RC07MO_02	166	168	208204	<0.001	<0.01	3.84	0.1	<0.2	<10	320	1.53	0.32	0.96	<0.01	53.3	11.3	61	5.64	36.9	3.33	11	0.16	1.36	<0.01	0.04	1.71	25.6	33.8
RC07MO_02	168	170	208205	0.003	<0.01	3.82	0.9	<0.2	<10	320	1.46	0.31	1.05	<0.01	55.1	13.1	63	5.44	44.8	3.49	10.85	0.17	1.24	<0.01	0.04	1.71	27	35.1
RC07MO_02	170	172	208206	0.002	<0.01	3.49	5.3	<0.2	<10	280	1.31	0.29	1.61	<0.01	56.6	19.1	56	4.39	71.3	3.73	10.15	0.16	1.29	<0.01	0.031	1.57	27.7	32
RC07MO_02	172	174	208207	0.003	0.02	2.39	4.6	<0.2	<10	130	0.91	0.66	2.93	<0.01	66.1	34	39	1.64	193	4.92	7.36	0.11	1.42	<0.01	0.021	0.77	32.4	26.7
RC07MO_02	174	176	208208	0.002	0.02	2.28	1.6	<0.2	<10	130	1.02	0.41	2.87	0.01	56.5	27.9	42	2.05	155.5	4.44	7	0.09	1.38	<0.01	0.017	0.86	27.6	23.1
RC07MO_02	176	178	208209	0.001	0.01	1.79	4	<0.2	<10	130	1.03	0.09	3.13	0.02	51.7	12.1	42	2.7	48.8	2.55	6.27	0.08	1.42	<0.01	0.01	0.95	25.8	14
RC07MO_02	178	180	208210	0.002	<0.01	3.31	5.9	<0.2	<10	230	1.29	0.07	1.18	0.01	94.3	15.4	84	5.14	40.8	3.35	13.35	0.22	1.35	<0.01	0.016	1.72	47	28.5
RC07MO_02	180	182	208211	0.002	0.01	3.87	3.9	<0.2	<10	310	1.37	0.05	1.13	0.01	69.4	12	75	5.71	17.1	3.9	14.1	0.19	1.4	<0.01	0.025	2.09	34.5	36.1
RC07MO_02	182	184	208212	0.002	0.02	4	18.2	<0.2	<10	260	1.28	0.11	2.37	0.01	84.6	20.4	58	5.02	38.9	4.65	14.3	0.19	1.32	<0.01	0.065	1.62	42.8	41.8
RC07MO_02	184	186	208213	0.001	0.02	2.43	13.3	<0.2	<10	110	0.86	0.11	5.09	0.02	73.6	13.2	33	2.18	16.5	4.07	8.75	0.12	0.83	<0.01	0.053	0.76	37.1	32.1
RC07MO_02	186	188	208214	0.001	<0.01	3.71	4.8	<0.2	<10	210	0.86	0.03	2.78	0.01	55.4	12.6	52	4.82	14.4	4.44	13.7	0.22	1.19	<0.01	0.051	1.22	27	48.4
RC07MO_02	188	190	208215	0.001	<0.01	3.66	23.5	<0.2	<10	190	1.02	0.11	4.52	0.01	62.3	24.3	50	5.1	3	4.81	13.55	0.21	1.25	<0.01	0.035	1.23	30.4	47.7
RC07MO_02	190	192	208216	0.001	0.02	3.54	10.9	<0.2	<10	270	0.94	0.09	3	<0.01	44	19.2	57	7.07	35.9	4.19	13.6	0.26	1.25	<0.01	0.019	1.96	21.7	36.8
RC07MO_02	192	194	208217	0.001	<0.01	3.57	15.3	<0.2	<10	240	0.91	0.06	3.47	0.01	47.5	18.6	55	6.58	5.4	4.24	13.65	0.22	1.23	<0.01	0.031	1.61	23.3	44.4
RC07MO_02	194	196	208218	0.001	<0.01	3.55	22.6	<0.2	<10	240	0.87	0.05	3.03	0.04	50.2	21.6	53	5.42	11.8	4.24	13.25	0.23	1.01	<0.01	0.042	1.36	24.9	43
RC07MO_02	196	198	208219	0.001	0.01	3.74	20.3	<0.2	<10	220	0.85	0.12	3.82	0.02	53.6	22.6	53	5.48	46.4	4.53	13.8	0.3	1.13	<0.01	0.063	1.29	26.4	44.5
RC07MO_02	198	200	208220	0.002	0.01	3.42	23.1	<0.2	<10	170	0.86	0.19	4.59	0.02	39.7	23.8	49	4.59	37.2	4.42	12.6	0.21	1.06	<0.01	0.053	1.02	18.9	47.1
RC07MO_02	200	202	208221	0.001	0.04	3.38	20.3	<0.2	<10	220	0.95	0.1	3.33	0.05	53.6	20.8	52	4.14	25.2	4.32	12.9	0.16	1.08	<0.01	0.065	1.17	26.7	42.1
RC07MO_02	202	204	208222	0.001	0.01	3.69	8.2	<0.2	<10	330	1.01	0.1	3.17	0.04	45.1	15	55	5.54	20	4.25	13.9	0.2	1.17	<0.01	0.061	1.77	22.3	39.6
RC07MO_02	204	206	208223	0.002	<0.01	3.99	15.8	<0.2	<10	270	1.04	0.16	4.61	0.03	47.1	20.6	56	6.65	27.2	4.52	14.7	0.26	1.09	<0.01	0.066	1.52	22.9	46.5
RC07MO_02	206	208	208224	0.002	<0.01	3.98	6.8	<0.2	<10	280	0.97	0.17	4.07	0.03	55.8	15.2	55	6.64	22.1	4.39	14.1	0.24	1.28	<0.01	0.06	1.55	27.6	44.5
RC07MO_02	208	210	208225	0.002	<0.01	4.13	11.8	<0.2	<10	310	1.07	0.14	4.13	0.03	51.5	19.4	56	7.07	27.3	4.55	15.05	0.23	1.29	<0.01	0.061	1.69	25.6	43.4
RC07MO_02	210	212	208226	0.002	0.01	4.11	5.8	<0.2	<10	330	1.1	0.15	3.29	0.01	52	19.6	55	7.27	48.8	4.39	15.3	0.28	1.41	<0.01	0.062	1.91	25.9	32.8
RC07MO_02	212	214	208227	0.002	<0.01	3.88	6.2	<0.2	<10	290	0.89	0.17	4.36	0.03	51.5	17.6	53	8.25	31.3	4.46	14.6	0.29	1.26	<0.01	0.056	1.91	25	35
RC07MO_02	214	216	208228	0.001	0.01	4.06	5.7	<0.2	<10	340	0.89	0.14	3.67	0.03	54.4	18	55	7.95	34.5	4.35	15.3	0.31	1.33	<0.01	0.058	1.98	27	34.6
RC07MO_02	216	218	208229	0.001	0.01	3.89	8.2	<0.2	<10	310	0.93	0.15	4.89	0.03	44.2	19.6	53	7.43	36.7	4.27	14.45	0.24	1.29	<0.01	0.056	1.91	21.5	33.1
RC07MO_02	218	220	208230	0.001	0.01	4.21	6	<0.2	<10	330	1.01	0.18	4.12	0.04	57.2	17.8	54	8.24	34.3	4.35	15.4	0.25	1.33	<0.01	0.064	1.99	27.5	35.7
RC07MO_02	220	222	208231	0.002	0.01	3.95	7.9	<0.2	<10	320	0.79	0.19	5.42	0.04	45.9	18.6	50	8	22.6	4.38	14.45	0.27	1.26	<0.01	0.061	1.99	22.3	33.3
RC07MO_02	222	224	208232	0.002	0.01	4.65	2	<0.2	<10	410	0.93	0.77	3.11	0.04	42	21.8	59	8.34	61.5	4.54	16.4	0.29	1.25	<0.01	0.071	2.24	20.7	35.9
RC07MO_02	224	226	208233	0.002	0.01	4.73	9	<0.2	<10	430	0.91	0.25	2.83	0.03	32.4	23	61	8.55	32.9	4.47	17.2	0.33	1.25	<0.01	0.073	2.34	15.5	35.2
RC07MO_02	226	228	208234	0.002	0.01	4.55	7	<0.2	<10	380	0.79	0.31	3.5	0.05	55.6	19.9	58	8.52	19	4.57	16.3	0.33	1.3	<0.01	0.068	2.2	26.7	35.4
RC07MO_02	228	230	208235	0.001	0.01	4.43	9.3	<0.2	<10	370	0.81	0.26	3.3	0.04	38.4	22.7	56	8.48	29.4	4.63	15.9	0.33	1.22	<0.01	0.07	2.19	18.3	31.6
RC07MO_02	230	232	208236	0.002	0.01	4.81	5.1	<0.2	<10	440	0.93	0.4	2.54	0.04	28	20.4	62	8.36	39.9	4.57	17	0.3	1.29	<0.01	0.077	2.4	14.2	34.2
RC07MO_02	232	234	208237	0.002	0.01	4.66	4.8	<0.2	<10	380	0.88	0.49	2.7	0.04	33.3	19.5	59	8.32	29.3	4.79	16.45	0.25	1.31	<0.01	0.072	2.27	15.7	34.6
RC07MO_02	234	236	208238	0.002	0.01	5.14	9	<0.2	<10	450	1.21	0.58	3.14	0.05	37.9	24.1	63	8.46	50.1	4.75	17.8	0.25	1.34	<0.01	0.083	2.52	19	35.8
RC07MO_02	236	238	208239	0.001	0.01	4.73	4	<0.2	<10	400	0.94	0.11	3.52	0.05	40.2	16.6	60	8.26	17.4	4.7	16.3	0.24	1.35	<0.01	0.07	2.38	18.4	32.6
RC07MO_02	238	240	208240	0.002	0.01	4.46	11.2	<0.2	<10	410	0.87	0.42	3.86	0.05	36.7	22.7	58	8.45	42.1	4.55	16	0.24	1.25	<0.01	0.072	2.38	18	31.6

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
144	146	208193	1.93	364	1.3	0.27	0.2	23.6	490	1.4	118.5	0.002	0.42	0.23	8.6	0.9	2.2	47.9	<0.01	0.02	16.1	0.229	0.47	2.04	81	0.72	14.1	25	31.5
146	148	208194	1.85	273	1.53	0.2	0.21	23.1	460	1.5	110	0.002	0.32	0.19	7.1	0.7	1.8	33.3	<0.01	0.02	14.5	0.21	0.43	1.69	76	0.55	12.7	21	26
148	150	208195	1.89	338	1.28	0.25	0.21	24.4	480	1.4	119	0.002	0.33	0.27	8.1	0.7	2.1	43.2	<0.01	0.02	15.2	0.215	0.45	1.77	78	0.86	12.15	27	28.4
150	152	208196	1.91	351	1.15	0.18	0.2	23.3	500	5.6	103.5	0.002	0.24	0.18	8.1	0.7	2	35.9	<0.01	0.02	15.8	0.192	0.4	1.89	75	0.49	15.25	35	30.8
152	154	208197	1.79	324	1.67	0.19	0.21	22.2	450	2.7	100.5	0.002	0.31	0.2	6.9	0.9	1.8	35.8	<0.01	0.02	14.6	0.189	0.38	1.67	73	1.05	13.05	29	28.1
154	156	208198	1.84	311	1.42	0.22	0.21	23.3	450	1.9	112.5	0.002	0.22	0.23	8	0.7	2.1	38.5	<0.01	0.02	14.5	0.203	0.43	1.64	79	0.54	12.35	27	25
156	158	208199	1.94	356	1.1	0.25	0.25	23.8	490	2.6	115.5	0.002	0.21	0.21	8.6	0.9	2.3	41.7	0.01	0.02	16.2	0.24	0.43	1.94	81	0.63	17.3	30	31.3
158	160	208200	1.93	323	1.29	0.27	0.23	24.5	500	2.1	118	0.002	0.15	0.22	9.9	0.8	2.5	42.7	0.01	0.02	15.5	0.233	0.43	1.84	87	0.67	15.05	29	25.9
160	162	208201	1.97	348	1.25	0.29	0.22	23.5	490	1.5	118	0.001	0.16	0.25	10.1	0.8	2.5	47.8	0.01	0.02	16.1	0.23	0.43	1.82	87	0.75	14.3	27	27.1
162	164	208202	1.94	286	1.35	0.24	0.2	23.7	470	1.4	108.5	0.002	0.21	0.23	8.3	0.9	2.1	36.4	<0.01	0.02	15.4	0.218	0.42	1.85	80	0.8	14.85	23	29.3
164	166	208203	1.83	278	3.03	0.22	0.18	23.7	390	1.3	105	0.003	0.26	0.23	7.2	0.9	2	32.4	<0.01	0.02	13.9	0.2	0.4	1.88	82	1.79	13.2	19	31.1
166	168	208204	1.83	260	4.25	0.27	0.22	19.3	390	1.4	115	0.003	0.23	0.22	8.6	0.8	2.2	34.7	0.01	0.02	14.2	0.214	0.41	1.79	101	0.47	14.95	18	33.8
168	170	208205	1.88	253	3.98	0.28	0.17	23.4	390	1.3	111	0.003	0.29	0.19	8.2	0.9	2.1	38.6	<0.01	0.02	14.3	0.211	0.41	1.78	97	0.73	14.75	19	31.8
170	172	208206	1.84	290	2.31	0.24	0.1	29.5	500	1.3	99.6	0.002	0.76	0.16	7.6	0.9	1.7	47.5	<0.01	0.08	15.7	0.172	0.37	2.17	77	0.69	14.8	16	32.8
172	174	208207	1.83	370	1.27	0.08	0.05	40.5	560	3.2	45.2	0.001	2.29	0.52	5.9	1	0.9	35.4	<0.01	0.38	16.4	0.058	0.17	1.78	51	0.67	15.7	12	35.5
174	176	208208	1.78	384	2.6	0.08	0.05	28.8	490	2.7	52.8	0.001	1.9	0.35	5.5	1	0.9	42	<0.01	0.27	15.5	0.064	0.19	1.84	55	0.94	13.35	12	34.2
176	178	208209	1.8	503	2.12	0.08	0.06	25.8	420	1.6	59.2	0.001	0.47	0.16	6.1	0.6	0.9	46.5	<0.01	0.05	15.6	0.072	0.19	1.83	56	1.19	12.3	11	36.3
178	180	208210	2.17	168	1.72	0.22	<0.05	29.9	450	1.4	110.5	0.001	0.38	0.1	14.7	0.9	1.1	53.7	<0.01	0.04	19.5	0.166	0.37	1.89	126	0.36	15.65	11	34.2
180	182	208211	2.54	172	1.15	0.2	0.07	30.7	470	3.6	131	<0.001	0.16	0.16	13.7	0.7	1.7	42.7	<0.01	0.02	18.8	0.202	0.47	2	108	0.23	12.85	16	35.6
182	184	208212	3.07	481	1.23	0.18	0.14	31.7	630	3.4	103.5	0.002	0.17	0.24	14.8	0.9	2.3	57.9	<0.01	0.03	16.3	0.167	0.38	1.97	84	0.36	15.85	21	34.7
184	186	208213	3.22	1315	0.7	0.05	0.06	24.6	700	1.6	46.7	0.001	0.12	0.23	11.2	0.6	0.9	94.2	<0.01	0.04	11.5	0.061	0.17	1.27	49	0.17	14.75	19	22.8
186	188	208214	3.94	841	0.75	0.09	<0.05	28.6	650	1.3	78.9	<0.001	0.06	0.11	14	0.5	1.5	62.1	<0.01	0.01	14	0.133	0.3	1.48	77	0.17	13.7	26	32.4
188	190	208215	4.91	1180	0.62	0.07	0.05	28.6	670	1	78.9	<0.001	0.04	0.08	13.9	0.5	1.2	98.8	<0.01	0.06	13.1	0.126	0.29	1.47	75	0.16	14.3	22	33.4
190	192	208216	4.33	563	0.74	0.11	0.07	33.9	640	1	119	<0.001	0.13	0.09	15.6	0.6	1.2	56.7	<0.01	0.04	12.9	0.197	0.43	1.46	85	0.19	12.65	34	33.3
192	194	208217	4.22	875	0.77	0.08	<0.05	25.9	620	0.8	98.9	<0.001	0.04	0.07	14.9	0.6	1.3	65.8	<0.01	0.02	13.9	0.169	0.4	1.54	84	0.2	12.9	24	34.4
194	196	208218	4.08	797	0.55	0.08	<0.05	27.5	650	2.8	83.5	<0.001	0.05	0.14	14.1	0.6	1.4	64	<0.01	0.01	14.2	0.143	0.32	1.55	81	0.12	12.65	32	27.6
196	198	208219	4.62	934	0.57	0.08	0.05	28.6	660	1.2	81.1	<0.001	0.06	0.14	15.7	0.6	1.4	83.8	<0.01	0.03	12.8	0.141	0.32	1.37	82	0.12	13.7	29	29.8
198	200	208220	4.83	1135	0.61	0.08	<0.05	27.2	700	1.8	66.5	<0.001	0.07	0.14	14.5	0.5	1.2	106	<0.01	0.05	12.3	0.108	0.26	1.37	77	0.1	13.3	25	27.7
200	202	208221	4.01	904	0.82	0.11	<0.05	28.2	620	7.5	72.2	<0.001	0.08	0.19	14.6	0.5	1.6	87	<0.01	0.02	13.5	0.118	0.28	1.48	75	0.5	13.25	34	29.4
202	204	208222	3.83	886	0.64	0.14	0.05	25.7	610	2.4	104	<0.001	0.16	0.13	15.3	0.6	2.2	79	<0.01	0.02	15.1	0.183	0.38	1.97	85	0.25	13.65	27	31.9
204	206	208223	4.91	1065	1.4	0.09	<0.05	25.6	690	1.1	95.3	<0.001	0.07	0.11	16.3	0.6	1.9	116	<0.01	0.03	13.3	0.159	0.37	1.6	89	0.13	14.4	31	31.4
206	208	208224	4.82	955	0.88	0.11	<0.05	24.1	660	1.1	95.6	<0.001	0.06	0.11	16	0.5	1.8	110.5	<0.01	0.04	13.3	0.163	0.37	1.57	90	0.14	14.5	31	34.6
208	210	208225	4.81	985	1.42	0.14	<0.05	25.5	680	1.3	104.5	<0.001	0.08	0.12	16.3	0.6	2.2	116.5	<0.01	0.03	14.3	0.174	0.39	1.67	87	0.25	14.4	31	35
210	212	208226	4.29	768	1.2	0.17	<0.05	33.9	710	1.2	99	0.001	0.2	0.1	15.6	0.7	2.4	71.7	0.01	0.03	15.1	0.172	0.49	1.74	89	0.22	11	31	33
212	214	208227	4.98	964	0.65	0.12	<0.05	28.5	760	1.2	99.9	0.001	0.1	0.1	15.5	0.5	2.1	100.5	0.01	0.02	13	0.176	0.5	1.52	94	0.21	11.8	30	29
214	216	208228	4.55	819	0.72	0.17	<0.05	32.6	730	1.2	105	0.001	0.09	0.1	16.4	0.6	2.4	89	0.01	0.02	14.4	0.19	0.52	1.66	94	0.14	11.9	29	32.4
216	218	208229	4.53	946	1.01	0.15	<0.05	31.2	720	1.2	99.2	<0.001	0.11	0.1	15.7	0.6	2.2	105	0.01	0.03	13.6	0.172	0.48	1.56	90	0.35	12.7	28	31.2
218	220	208230	4.64	851	0.61	0.16	<0.05	31.6	720	1.5	107	<0.001	0.06	0.12	16	0.6	2.5	99.8	0.01	0.02	14.8	0.189	0.52	1.76	93	0.11	13.15	32	33.2
220	222	208231	4.84	1125	0.51	0.16	<0.05	29.2	730	1.6	105.5	<0.001	0.05	0.14	15.1	0.5	2.4	133.5	0.01	0.03	13.5	0.19	0.53	1.59	87	0.15	12.15	35	30.2
222	224	208232	4.1	706	0.94	0.22	<0.05	35.5	730	1.6	119.5	<0.001	0.21	0.18	17.1	0.6	2.9	72.8	<0.01	0.03	14.2	0.211	0.58	1.66	100	0.24	11.7	41	30.8
224	226	208233	4.2	772	0.8	0.22	<0.05	31.1	750	1.5	125.5	<0.001	0.12	0.18	17.7	0.6	3.1	59.9	<0.01	0.03	15.5	0.223	0.58	1.71	102	0.35	11.85	43	32.2
226	228	208234	4.56	910	0.66	0.2	<0.05	31	760	1.6	120.5	<0.001	0.06	0.17	16.9	0.5	2.7	80.3	0.01	0.04	13.7	0.213	0.58	1.68	102	0.13	12.15	43	31.9
228	230	208235	4.24	888	0.82	0.18	<0.05	33	760	1.6	120	<0.001	0.12	0.16	16.5	0.6	2.7	72.9	<0.01	0.02	14.4	0.216	0.56	1.64	96	0.16	11.9	40	31.3
230	232	208236	3.96	793	0.66	0.26	<0.05	34.3	760	1.5	128	<0.001	0.13	0.16	17.6	0.6	3.2	59.3	<0.01	0.02	15.4	0.244	0.6	1.77	103	0.18	11.7	39	33
232	234	208237	4.05	828	1.05	0.23	<0.05	33.2	720	1.6	122	<0.001	0.12	0.17	16.2	0.6	2.9	63.6	<0.01	0.03	16.7	0.231	0.59	1.97	94	0.41	12.25	42	34.1
234	236	208238	4.13	919	0.89	0.3	<0.05	37.4	710	2	133.5	<0.001	0.17	0.18	17.7	0.7	3.4	72.5	<0.01	0.04	16.3	0.245	0.62	1.98	103	0.23	12.7	41	34.6
236	238	208239	4.41	1030	0.59	0.23	<0.05	31.5	790	2.3	125	<0.001	0.06	0.15	16.8	0.5	2.9	74.8	<0.01	0.01	15	0.239	0.61	1.85	101	0.31	12.95	42	34.2
238	240	208240	4.22	1045	0.66	0.24	<0.05	35.6	720	2.1	129	<0.001	0.13	0.15	16.4	0.6	2.9	82.5	<0.01	0.03	14.8	0.236	0.61	1.87	98	0.14	12.45	36	33.6

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_02	240	242	208241	0.001	0.01	4.61	6.8	<0.2	<10	390	0.9	0.14	4.26	0.04	38	18.8	59	8.32	20.4	4.8	16.7	0.23	1.17	<0.01	0.071	2.38	18	33.9
RC07MO_02	242	244	208242	0.001	0.01	4.66	5.5	<0.2	<10	370	1.02	0.19	3.86	0.04	45	18.8	58	7.64	23.7	4.83	16.45	0.25	1.38	<0.01	0.07	2.28	20.9	34
RC07MO_02	244	246	208243	0.002	0.01	4.52	18.3	<0.2	<10	370	0.99	0.82	3.71	0.04	42.3	28.7	59	7.78	49	5.06	15.7	0.28	1.2	<0.01	0.069	2.37	20.1	31.6
RC07MO_02	246	248	208244	0.002	0.01	4.4	13.7	<0.2	<10	360	1.03	0.58	2.76	0.02	41.8	27.3	59	7.66	66.8	4.89	15.8	0.31	1.41	<0.01	0.071	2.24	20.5	33.9
RC07MO_02	248	250	208245	0.001	<0.01	4.66	7.4	<0.2	<10	340	1.05	0.17	2.46	0.01	33	19.5	61	7.17	28.9	4.92	16.1	0.26	1.41	<0.01	0.065	2.18	16.3	36.4
RC07MO_02	250	252	208246	0.002	0.01	4.15	16.8	<0.2	<10	300	1.03	0.17	2.11	<0.01	57	24.6	57	6.73	36.8	4.8	14.65	0.18	1.45	<0.01	0.043	2.19	27.5	31.2
RC07MO_02	252	254	208247	<0.001	0.01	4.93	3.4	<0.2	<10	340	0.97	0.18	1.93	0.01	46.8	20.1	66	7.88	24.8	5.27	17.65	0.27	1.43	<0.01	0.071	2.33	22.4	39.1
RC07MO_02	254	256	208248	0.001	0.01	4.58	3.4	<0.2	<10	370	0.9	0.23	0.95	0.01	59.9	21.4	68	6.94	46.9	5.03	16.7	0.22	1.45	<0.01	0.064	2.15	29.4	34.4
RC07MO_02	256	258	208249	0.001	<0.01	4.71	2.1	<0.2	<10	430	0.8	0.14	1.37	0.01	49.3	19.9	66	8.55	34.1	4.98	16.6	0.23	1.35	<0.01	0.043	2.76	24.7	34.5
RC07MO_02	258	260	208250	0.001	0.01	5.44	3.3	<0.2	<10	460	1.07	0.25	1.13	<0.01	64.4	23	72	8.21	52.7	5.38	18.55	0.28	1.44	<0.01	0.084	2.59	31.6	39.1
RC07MO_02	260	262	208251	0.002	0.01	5.14	6	<0.2	<10	460	1.02	0.25	1.63	0.03	53.9	23.5	65	8.31	41.3	4.96	17.5	0.24	1.4	<0.01	0.081	2.51	26.3	37.4
RC07MO_02	262	264	208252	0.002	0.01	5.27	5.4	<0.2	<10	450	1.2	0.27	2.71	0.05	55.9	22.8	62	7.9	38.8	4.82	17.45	0.29	1.3	<0.01	0.078	2.45	27.2	33.2
RC07MO_02	264	266	208253	0.001	0.01	5.33	4.1	<0.2	<10	460	1.2	0.23	1.27	0.01	53	22.3	67	7.66	41.6	4.93	17.7	0.28	1.53	<0.01	0.073	2.43	26.2	37.2
RC07MO_02	266	268	208254	<0.001	0.01	5.12	2.5	<0.2	<10	410	1.14	0.18	2.59	0.03	56.8	18.4	59	7.57	26.5	4.57	16.6	0.32	1.38	<0.01	0.069	2.33	27.7	32.2
RC07MO_02	268	270	208255	<0.001	0.01	5.07	1.9	<0.2	<10	420	1.15	0.24	2.88	0.04	42.5	19.4	60	7.46	43.4	4.59	15.9	0.29	1.27	<0.01	0.067	2.37	20.8	31.4
RC07MO_02	270	272	208256	<0.001	0.01	5.52	3.6	<0.2	<10	470	1.33	0.16	1.84	0.03	67.2	21.1	67	8.05	34.3	4.79	18.2	0.29	1.41	<0.01	0.077	2.48	32.5	35.5
RC07MO_02	272	274	208257	0.002	0.01	4.89	10.2	<0.2	<10	430	1.05	0.45	2.7	0.02	56.1	25.2	65	7.82	41.1	4.76	16.45	0.23	1.4	<0.01	0.057	2.51	27.8	32.5
RC07MO_02	274	276	208258	0.001	0.01	4.82	4.9	<0.2	<10	370	1.07	0.21	1.08	0.01	64.8	23.5	63	7.16	47.5	4.97	16.25	0.17	1.39	<0.01	0.064	2.14	31.3	37.8
RC07MO_02	276	278	208259	0.001	0.01	4.83	5.1	<0.2	<10	390	1.15	0.23	3.27	0.04	60	21.1	62	7.36	42.3	4.74	16	0.23	1.27	<0.01	0.07	2.28	29.3	31.9
RC07MO_02	278	280	208260	0.002	0.01	4.94	1.7	<0.2	<10	420	1.09	0.21	1.99	0.01	43	19.8	66	8.78	44.7	4.89	17.1	0.25	1.39	<0.01	0.068	2.61	20.6	35.3
RC07MO_02	280	282	208261	0.002	<0.01	4.67	3.8	<0.2	<10	350	0.9	0.1	1.06	0.01	59.1	19.7	65	7.13	32	4.83	16.35	0.21	1.43	<0.01	0.071	2.13	28.7	37.2
RC07MO_02	282	284	208262	0.002	<0.01	4.64	8.3	<0.2	<10	340	0.98	0.17	1.78	0.01	52.2	21.4	64	7.41	22.3	4.82	15.95	0.19	1.55	<0.01	0.064	2.22	25.9	33.1
RC07MO_02	284	286	208263	0.001	<0.01	4.69	7	<0.2	<10	360	0.98	0.18	1.31	0.01	55.8	21.6	65	7.8	27.5	4.85	16.55	0.19	1.58	<0.01	0.054	2.39	27.6	38.8
RC07MO_02	286	288	208264	0.002	<0.01	4.44	2.4	<0.2	<10	320	0.8	0.07	1.48	0.01	45	17.1	65	5.98	27.2	5.02	16	0.22	0.94	<0.01	0.058	2.12	23.4	36.9
RC07MO_02	288	290	208265	0.002	<0.01	4.27	1.1	<0.2	<10	330	0.73	0.08	1.06	<0.01	50.7	12.6	68	6.52	16.9	4.88	15.85	0.21	1.22	<0.01	0.067	2.2	27.3	38.9
RC07MO_02	290	292	208266	0.002	<0.01	2.93	8.2	<0.2	<10	260	0.8	0.06	0.67	<0.01	33.2	17.3	57	4.8	39.8	3.62	11.6	0.11	1.28	<0.01	0.025	1.93	17.9	27.4
RC07MO_02	292	294	208267	0.001	<0.01	2.93	1	<0.2	<10	270	0.7	0.12	0.5	<0.01	33.7	17.8	60	5.54	90.8	3.81	12.8	0.15	1.1	<0.01	0.025	2.08	17.5	25.5
RC07MO_02	294	296	208268	0.003	0.01	3.46	0.8	<0.2	<10	290	0.66	0.38	1.91	<0.01	22.5	33.6	58	5.83	174	5.47	14	0.23	1.13	<0.01	0.049	1.96	11.9	32.1
RC07MO_02	296	298	208269	0.004	0.01	3.37	3	<0.2	<10	270	0.9	0.37	1.25	<0.01	30.9	27.1	51	5.21	124.5	5.07	12.05	0.16	1.3	<0.01	0.041	1.96	16.6	30.8
RC07MO_02	298	300	208270	0.002	<0.01	3.23	12.2	<0.2	<10	280	1.01	0.04	1.37	0.01	21.9	18.4	47	4.52	40	4.05	11	0.1	1.3	<0.01	0.031	2.19	11.8	31.1
RC07MO_02	300	302	208271	0.002	<0.01	3.81	12	<0.2	<10	280	0.86	0.09	0.78	0.01	45.8	19.8	54	5.8	32.6	4.83	13.65	0.13	1.34	<0.01	0.053	2.03	23.9	42.1
RC07MO_02	302	304	208272	0.003	0.01	3.81	18	<0.2	<10	250	0.66	0.17	0.77	0.01	39.7	22.7	57	5.96	22.1	4.83	14.35	0.15	1.1	<0.01	0.066	1.76	20.4	43.1
RC07MO_02	304	306	208273	0.003	0.02	3.97	5.8	<0.2	<10	250	0.81	0.11	0.88	0.01	36.1	16.3	61	5.46	27.5	4.87	14.9	0.16	1.27	<0.01	0.07	1.68	18.2	45.1
RC07MO_02	306	308	208274	0.003	0.02	4.41	10.9	<0.2	<10	280	0.89	0.38	1.7	<0.01	33.6	23.5	65	6.29	34.4	5.21	16.45	0.24	1.32	<0.01	0.062	1.91	17.3	45.4
RC07MO_02	308	310	208275	0.001	0.02	4.54	5.7	<0.2	<10	300	0.96	0.42	1.96	0.01	45.3	21.7	64	6.96	37.4	5.25	16.05	0.25	1.13	<0.01	0.062	2.09	22.9	45
RC07MO_02	310	312	208276	0.002	<0.01	4.8	2.4	<0.2	<10	380	0.88	0.52	1.14	0.02	23.6	19.6	68	7.06	40.7	4.9	16.5	0.23	1.15	<0.01	0.085	2.24	12.8	45.7
RC07MO_02	312	314	208277	0.001	0.01	5.16	3	<0.2	<10	350	1.01	0.31	1.84	0.06	35.6	19.8	69	7.4	28	5.42	17.35	0.26	1.16	<0.01	0.079	2.23	18.3	48.9
RC07MO_02	314	316	208278	0.001	0.01	5.3	3.2	<0.2	<10	420	1.17	0.41	1.59	0.01	33.3	21.2	67	7.93	48.3	5.04	16.95	0.24	1.17	<0.01	0.086	2.52	17.9	44.8
RC07MO_02	316	318	208279	0.001	<0.01	5.06	1.7	<0.2	<10	420	1.11	0.15	1.73	0.02	39.7	17.9	64	7.43	35.3	4.83	16.25	0.25	0.99	<0.01	0.082	2.42	19.9	45.5
RC07MO_02	318	320	208280	0.001	0.01	4.98	2.8	<0.2	<10	380	1.13	0.37	2.17	0.02	34.7	21.3	59	6.89	56.5	4.93	15.55	0.28	0.92	<0.01	0.069	2.26	18.2	45.9
RC07MO_02	320	322	208281	0.001	0.01	4.75	1.6	<0.2	<10	330	1.01	0.31	2.72	0.03	26.4	19.1	57	6.06	59.3	4.86	14.75	0.23	0.89	<0.01	0.064	2.03	14	48.9
RC07MO_02	322	324	208282	0.001	0.01	5.83	2.1	<0.2	<10	450	1.44	0.24	1.95	0.03	29.1	23.7	62	7.96	80.8	5.2	17.35	0.26	1.04	<0.01	0.078	2.69	15.5	48.2
RC07MO_02	324	326	208283	0.001	0.02	4.74	5.3	<0.2	<10	270	1.05	0.22	1.99	0.01	24.9	27	49	4.86	91.3	5.49	13.6	0.12	1.28	<0.01	0.053	1.67	13.6	51.2
RC07MO_02	326	328	208284	0.001	<0.01	4.9	3.3	<0.2	<10	370	1.15	0.2	1.49	0.01	41.9	20.6	54	6.72	40.7	4.99	14.55	0.18	1.11	<0.01	0.049	2.36	21.2	45
RC07MO_02	328	330	208285	<0.001	0.02	4.71	6.2	<0.2	<10	340	1.28	0.2	5.13	0.14	33.5	20	50	5.86	80.2	4.35	13.7	0.16	1.27	<0.01	0.066	2.32	17.1	37.6
RC07MO_02	330	332	208286	<0.001	<0.01	3.85	5.3	<0.2	<10	300	1.23	0.12	5.23	0.03	51.1	14.8	33	6.33	20.7	3.56	10.6	0.13	1.18	<0.01	0.047	2.38	24.8	40.3
RC07MO_02	332	334	208287	<0.001	<0.01	2.98	5.4	<0.2	<10	180	1.41	0.11	2.11	0.02	75.6	13.2	26	5.36	32	3	7.62	0.08	1.58	<0.01	0.032	1.93	36.4	33.1
RC07MO_02	334	336	208288	0.001	<0.01	3.33	3	<0.2	<10	210	1.85	0.38	1.44	0.02	68	13.5	26	6.08	38.3	3.23	8.15	0.08	2.07	<0.01	0.032	2.21	31.9	29.7

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
240	242	208241	4.48	1165	0.77	0.2	<0.05	30.6	780	1.8	129.5	<0.001	0.08	0.16	17.3	0.6	3.1	86.4	<0.01	0.01	15.1	0.228	0.61	1.83	98	0.14	13	41	32
242	244	208242	4.51	1165	0.49	0.21	<0.05	33.5	780	1.9	120	<0.001	0.1	0.16	16.2	0.7	2.9	86	<0.01	0.01	15.1	0.225	0.58	1.88	97	0.12	13.45	41	34.3
244	246	208243	4.36	1265	0.85	0.22	<0.05	36.7	780	2	124.5	<0.001	0.21	0.18	16.3	0.7	2.9	84.1	<0.01	0.04	14.9	0.228	0.59	1.77	97	0.3	12.5	41	30.2
246	248	208244	3.83	952	0.73	0.17	<0.05	36.9	640	1.4	118	<0.001	0.3	0.15	16.4	0.7	2.6	54	<0.01	0.04	15	0.221	0.56	1.79	102	0.32	11.7	33	35.1
248	250	208245	3.88	800	0.52	0.16	<0.05	31.8	690	1.2	113.5	<0.001	0.15	0.12	15.7	0.5	2.6	41.3	<0.01	0.02	15.2	0.225	0.54	1.8	102	0.25	11.35	28	35.4
250	252	208246	3.73	572	0.51	0.16	<0.05	40.7	750	1.1	114	<0.001	0.36	0.12	14	0.7	2.1	37.9	0.01	0.03	15.7	0.226	0.52	1.85	91	0.17	12.65	17	36.5
252	254	208247	3.83	561	0.61	0.17	0.06	34.2	710	1.2	125.5	<0.001	0.13	0.13	17.4	0.7	3.2	28.9	<0.01	0.01	16.5	0.293	0.61	1.93	107	0.32	14.1	39	36.7
254	256	208248	3.25	353	0.53	0.21	0.06	40.7	660	1.4	116	<0.001	0.21	0.22	16.7	0.7	3.1	24.5	<0.01	0.02	18	0.267	0.58	1.9	105	0.3	14.25	45	36.1
256	258	208249	3.62	353	0.58	0.21	0.06	37.6	670	1.3	142	<0.001	0.18	0.13	16.1	0.7	2.7	31.6	<0.01	0.02	16.9	0.298	0.73	1.91	103	0.41	12.1	31	34.3
258	260	208250	3.67	461	0.81	0.33	0.07	42.8	720	1.7	134.5	<0.001	0.24	0.18	18.8	0.8	3.6	36.8	<0.01	0.02	18	0.293	0.65	2.03	114	0.44	13.2	45	37.6
260	262	208251	3.5	602	0.67	0.34	0.05	38.9	650	2	130.5	<0.001	0.18	0.19	17	0.7	3.5	51.4	<0.01	0.02	16.9	0.283	0.62	1.97	102	0.5	12.5	45	36.5
262	264	208252	3.95	952	0.67	0.33	<0.05	37.5	770	2.1	125	<0.001	0.2	0.19	17.1	0.8	3.1	72.1	<0.01	0.02	15.8	0.249	0.58	1.96	97	0.28	13.05	44	33.7
264	266	208253	3.65	623	0.81	0.33	<0.05	40	680	2	124	<0.001	0.23	0.21	17.1	0.8	3.2	39.5	<0.01	0.02	17.5	0.255	0.59	2.02	101	0.38	12.1	47	38.3
266	268	208254	3.87	881	0.51	0.3	<0.05	31.6	630	1.6	119	<0.001	0.12	0.15	15.8	0.6	2.9	57.8	<0.01	0.02	15.2	0.244	0.56	1.9	92	0.17	12.55	43	35.3
268	270	208255	3.95	1015	0.6	0.32	<0.05	35	700	1.8	116.5	<0.001	0.2	0.17	15.4	0.7	2.9	76.1	<0.01	0.02	14.7	0.242	0.55	1.9	92	0.28	11.85	42	31.8
270	272	208256	3.8	773	0.65	0.38	<0.05	37.9	670	2.1	127	<0.001	0.18	0.19	17.5	0.7	3.2	55.5	<0.01	0.01	17.1	0.261	0.58	2.08	99	0.28	12.75	45	37.2
272	274	208257	3.82	892	1.3	0.3	<0.05	38.8	700	1.8	123	<0.001	0.21	0.15	16.2	0.7	2.7	66.6	<0.01	0.08	17.2	0.253	0.61	2.31	100	0.43	12.2	40	35.2
274	276	208258	3.47	478	0.63	0.23	<0.05	42.2	780	1.5	110	<0.001	0.24	0.22	14.6	0.8	2.6	33.5	<0.01	0.02	16.8	0.232	0.54	2.06	92	0.26	12.75	45	35.3
276	278	208259	3.77	911	3.7	0.25	<0.05	36.8	660	1.9	114	<0.001	0.22	0.18	15.2	0.7	2.8	67.6	<0.01	0.02	15.9	0.228	0.56	2.1	93	0.28	12.5	44	31.9
278	280	208260	3.79	680	4.37	0.26	<0.05	36.7	710	1.5	133.5	<0.001	0.23	0.17	16.8	0.7	2.9	54.1	<0.01	0.03	16	0.26	0.64	2.21	103	0.26	12	43	36.3
280	282	208261	3.38	428	0.9	0.2	0.06	37.6	670	1.4	124	<0.001	0.15	0.22	16	0.7	2.6	30.1	<0.01	0.01	16.4	0.236	0.53	2.04	96	0.3	14.35	43	34.7
282	284	208262	3.63	616	1.14	0.18	0.05	40.2	670	1.3	128	<0.001	0.13	0.12	15.8	0.6	2.3	41.1	<0.01	0.02	16.4	0.232	0.55	2.18	93	0.3	13.1	36	38.4
284	286	208263	3.41	405	0.8	0.2	0.11	43.2	710	1.3	139.5	0.001	0.22	0.18	15.9	0.8	2.4	33.6	0.01	0.05	17.3	0.27	0.61	2.27	94	0.49	16	32	38.6
286	288	208264	3.37	472	0.75	0.17	0.16	49.7	1330	0.9	123.5	<0.001	0.17	0.09	14.4	0.7	2.5	35.7	<0.01	0.02	13.9	0.231	0.51	1.54	80	0.47	13.85	27	24.6
288	290	208265	3.35	437	0.68	0.14	0.09	41.8	680	0.7	131	<0.001	0.09	0.09	14.1	0.6	2.6	23.6	<0.01	0.03	12.4	0.238	0.55	1.16	86	0.3	13.05	26	30
290	292	208266	2.35	170	0.68	0.08	0.05	39.2	590	0.8	110.5	<0.001	0.24	0.1	9.7	0.5	1.2	18	<0.01	0.02	12.3	0.169	0.45	1.39	71	0.3	8.32	10	30.5
292	294	208267	2.48	153	1.02	0.09	0.05	34.6	640	0.7	121	<0.001	0.42	0.08	12.9	0.5	1.2	18.2	<0.01	0.02	12	0.181	0.48	1.1	82	0.51	7.64	10	27.1
294	296	208268	3.13	854	1.74	0.1	0.05	43.4	680	1.2	113.5	<0.001	0.9	0.1	15.2	0.7	1.7	32.1	<0.01	0.03	12.5	0.191	0.47	1.13	92	0.49	10.6	18	27.5
296	298	208269	2.71	380	1.82	0.09	0.07	49	560	1.3	108	<0.001	0.86	0.14	10.1	0.7	1.4	23.1	<0.01	0.06	12.2	0.188	0.46	1.33	65	0.87	8.77	13	32
298	300	208270	2.5	347	0.81	0.06	0.06	31.5	750	0.9	117.5	<0.001	0.23	0.09	9.4	0.5	1.2	29.6	<0.01	0.02	13	0.187	0.46	1.38	66	0.5	8.75	13	32.1
300	302	208271	2.99	295	0.51	0.1	0.07	38.1	660	1	115.5	<0.001	0.32	0.08	11.5	0.5	1.9	21	<0.01	0.04	12.9	0.209	0.49	1.43	79	0.37	11.05	21	32.3
302	304	208272	2.95	355	0.73	0.1	0.08	41.6	720	1.9	105.5	<0.001	0.11	0.19	13.4	0.4	2.2	19.8	<0.01	0.03	12.6	0.194	0.48	1.11	86	0.28	10.95	30	26.5
304	306	208273	3.01	393	0.55	0.13	0.09	39.3	710	2.1	97.6	<0.001	0.12	0.18	13.9	0.5	2.2	23	<0.01	0.01	12.4	0.188	0.43	1.19	90	0.25	10.55	33	30.7
306	308	208274	3.51	579	0.63	0.14	0.09	44.2	740	1.5	114	<0.001	0.13	0.16	16.8	0.5	2.3	36	<0.01	0.02	12.6	0.221	0.48	1.38	112	0.34	11.3	27	32.6
308	310	208275	3.63	665	0.43	0.1	0.09	43.7	740	1.6	122	<0.001	0.14	0.11	17.2	0.5	2.5	36.8	<0.01	0.03	12.4	0.24	0.54	1.19	119	0.18	10.75	31	27.2
310	312	208276	3.4	618	0.5	0.21	0.1	42.7	730	2.5	128.5	<0.001	0.13	0.15	16.8	0.5	3.2	33.7	<0.01	0.02	13.4	0.277	0.56	1.31	110	0.38	11.45	50	28.2
312	314	208277	3.92	694	0.58	0.17	0.1	44	810	5.9	128.5	<0.001	0.13	0.12	18.2	0.6	2.9	49.6	<0.01	0.02	13.5	0.264	0.57	1.31	121	0.29	13.35	63	29.4
314	316	208278	3.56	666	0.61	0.24	0.08	45.3	700	2.1	145	<0.001	0.12	0.14	17.6	0.5	3.3	64.7	<0.01	0.03	12.9	0.278	0.64	1.22	112	0.29	11.3	54	28.6
316	318	208279	3.46	668	0.49	0.21	0.08	41.5	730	1.6	138.5	<0.001	0.1	0.14	16.5	0.5	3.1	66.8	<0.01	0.02	12.9	0.26	0.6	1.06	105	0.31	12.25	57	25
318	320	208280	3.45	688	0.89	0.2	0.09	47.5	740	1.5	128.5	<0.001	0.23	0.14	14.9	0.5	2.6	60.2	<0.01	0.04	12.2	0.235	0.56	1.14	98	0.43	11.15	54	22.9
320	322	208281	3.41	748	0.58	0.17	0.08	46	770	1.6	114	<0.001	0.2	0.18	14.8	0.5	2.3	60.2	<0.01	0.02	12.3	0.233	0.5	1.09	99	0.41	12.6	56	22.1
322	324	208282	3.67	728	0.65	0.28	0.07	58.4	850	3.5	153.5	<0.001	0.25	0.24	17.6	0.6	2.8	64.3	<0.01	0.04	14	0.276	0.65	1.26	111	0.45	12.7	56	27.7
324	326	208283	3.73	727	0.92	0.1	0.06	64.2	720	2.4	88.9	<0.001	0.41	0.14	10.2	0.6	1.4	53	<0.01	0.03	14.7	0.169	0.4	1.33	78	0.73	12.8	40	31.7
326	328	208284	3.44	537	0.93	0.16	0.05	53.5	710	1.6	133	<0.001	0.19	0.11	13.3	0.5	1.8	48.6	<0.01	0.06	14	0.222	0.58	1.19	93	0.5	12.85	40	28.5
328	330	208285	3.19	1300	1.46	0.2	<0.05	42.2	650	12.3	126.5	<0.001	0.28	0.13	14.2	0.6	1.9	138.5	<0.01	0.03	12.1	0.209	0.52	1.23	91	0.73	15.15	66	32.4
330	332	208286	3.31	1305	0.64	0.06	0.06	24.3	670	1.4	132	<0.001	0.08	0.09	8.4	0.5	1.6	82.6	<0.01	0.02	14.2	0.186	0.52	1.52	54	0.17	15.7	43	28.4
332	334	208287	2.34	527	0.55	0.03	0.08	19.8	460	1.3	117.5	<0.001	0.11	0.32	4.5	0.5	1.2	32.2	<0.01	0.01	18.4	0.157	0.49	2.28	36	0.17	15.05	35	33.2
334	336	208288	2.38	402	1.15	0.05	0.09	22.4	470	1.7	139.5	<0.001	0.16	0.34	4.8	0.6	1.3	34.6	<0.01	0.03	22.3	0.176	0.59	3.01	35	0.18	15.65	33	45.7

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_03R	0	2	208364	0.004	0.02	3.04	7.1	<0.2	50	290	1.01	0.25	6.75	0.05	55.8	12.9	32	2.11	19.9	3.13	8.2	0.13	0.45	0.02	0.031	0.6	28.5	17.6
RC07MO_03R	2	4	208365	0.005	0.04	3.46	4.6	<0.2	110	270	1.52	0.3	5.29	0.04	85.8	12.1	35	2.19	23.4	3.41	9.35	0.17	0.61	0.01	0.036	0.68	45.1	18.7
RC07MO_03R	4	6	208366	0.005	0.04	3.46	6	<0.2	80	200	1.54	0.34	2.55	0.01	83.9	12.8	41	2.33	23.5	3.59	9.94	0.18	0.67	0.01	0.037	0.65	44.9	20.5
RC07MO_03R	6	8	208367	0.004	0.03	2.63	4.8	<0.2	60	110	1.24	0.26	1.86	0.01	85.4	10.6	32	1.88	20.8	2.88	7.76	0.16	0.67	0.01	0.03	0.5	47.5	15.3
RC07MO_03R	8	10	208368	0.004	0.02	1.92	4.9	<0.2	30	110	0.99	0.27	0.17	0.01	80.4	8.8	28	1.49	15.5	3	6.23	0.15	0.61	0.01	0.023	0.4	37.3	10.7
RC07MO_03R	10	12	208369	0.002	0.02	2.12	2.8	<0.2	40	190	1.03	0.21	7.47	0.01	54.6	5.6	25	1.61	13.9	2.17	5.75	0.12	0.45	<0.01	0.024	0.43	26.7	9.9
RC07MO_03R	12	14	208370	0.002	0.01	1.92	3.3	<0.2	30	120	0.72	0.22	4.73	0.01	39.8	4.7	23	1.4	13.3	2.26	5.36	0.09	0.41	0.01	0.026	0.39	20.7	8.9
RC07MO_03R	14	16	208371	0.003	0.02	1.83	4.4	<0.2	20	80	0.6	0.26	1.95	0.01	46.8	4.9	27	1.49	12.7	2.71	6.11	0.11	0.52	<0.01	0.024	0.39	22	8.8
RC07MO_03R	16	18	208372	0.003	0.01	1.8	4.3	<0.2	10	330	0.55	0.28	2.24	0.02	39.8	4.8	27	1.48	12.6	2.83	5.82	0.1	0.5	<0.01	0.022	0.39	20.1	8.4
RC07MO_03R	18	20	208373	0.003	0.01	1.38	3.8	<0.2	10	390	0.6	0.22	0.12	0.01	60.9	4.9	22	1.22	12.2	2.44	4.72	0.13	0.51	<0.01	0.02	0.3	27.1	6.9
RC07MO_03R	20	22	208374	0.002	0.01	1.55	5.9	<0.2	10	300	0.64	0.26	0.41	0.01	42.9	5.5	27	1.31	11.6	2.96	5.23	0.11	0.51	0.02	0.02	0.34	20.5	7.7
RC07MO_03R	22	24	208375	0.002	0.02	1.16	11	<0.2	<10	520	0.72	0.39	1.01	0.04	47.2	7	38	1.06	15.5	5.46	5.1	0.12	0.56	0.01	0.027	0.24	21.9	5.5
RC07MO_03R	24	26	208376	0.002	0.02	1.11	11.3	<0.2	<10	410	0.73	0.37	2.7	0.06	37.3	7.1	35	1.07	14.4	5.17	4.73	0.11	0.5	0.03	0.024	0.21	19.2	5.4
RC07MO_03R	26	28	208377	0.001	0.02	1.07	12.2	<0.2	<10	460	0.73	0.4	2.97	0.02	34	7.9	37	1.02	14.5	5.15	4.81	0.12	0.5	0.03	0.025	0.2	19.1	5.1
RC07MO_03R	28	30	208378	0.003	0.02	1.07	9.1	<0.2	<10	470	0.64	0.31	0.79	0.01	39.1	6.9	31	0.98	14.9	4.19	4.54	0.1	0.43	0.02	0.022	0.2	19.3	5.7
RC07MO_03R	30	32	208379	0.003	0.02	1.01	9.5	<0.2	10	470	0.61	0.35	0.24	0.01	39.8	6.6	33	0.91	14.6	4.66	4.67	0.11	0.5	0.02	0.021	0.2	20.3	5.4
RC07MO_03R	32	34	208380	0.002	0.03	1.73	8.1	<0.2	10	450	0.63	0.33	0.36	0.01	27	5.1	39	1.3	14.2	4.01	6.97	0.09	0.42	0.01	0.027	0.28	16.3	10.7
RC07MO_03R	34	36	208381	0.102	0.01	2.08	3.5	<0.2	20	300	0.91	0.28	0.14	0.01	50.5	3.7	35	1.04	13	2.49	7.12	0.07	0.28	0.01	0.052	0.27	15.8	11.5
RC07MO_03R	36	38	208382	0.003	0.01	1.98	3.1	<0.2	20	340	2.61	0.26	0.1	<0.01	162	4.4	24	0.8	13	2.31	6.59	0.16	0.27	<0.01	0.073	0.25	66.6	14.7
RC07MO_03R	38	40	208383	0.003	0.02	2.74	10.6	<0.2	30	380	3.69	0.36	0.15	0.01	119.5	17.5	39	1.37	22	4.63	11.3	0.21	0.37	0.01	0.058	0.37	97.8	19.1
RC07MO_03R	40	42	208384	0.002	0.01	3.5	15.7	<0.2	20	260	1.84	0.51	3.63	0.02	86.1	27.6	54	4.2	29.2	4.55	11.35	0.16	0.98	0.01	0.052	1.18	63.4	24.4
RC07MO_03R	42	44	208385	0.003	0.01	3.36	5.5	<0.2	10	250	2.55	0.44	0.32	0.01	100.5	19.8	56	4.8	28.9	3.66	11.45	0.18	1.25	0.01	0.042	1.71	60.2	29.2
RC07MO_03R	44	46	208386	0.001	0.01	3.37	6.2	<0.2	<10	270	2.74	0.47	0.18	0.01	82.6	19.2	50	4.67	29.6	3.81	11	0.16	1.32	0.01	0.037	1.84	45.1	30.9
RC07MO_03R	46	48	208387	0.002	0.01	3.37	6.6	<0.2	<10	230	3.3	0.32	0.15	0.02	103.5	17.1	54	4.9	23.1	4.13	10.6	0.19	1.39	0.01	0.037	1.92	58.6	31.6
RC07MO_03R	48	50	208388	0.002	0.01	3.11	5.7	<0.2	<10	250	2.38	0.18	0.14	0.01	97.6	18.4	51	5.07	21.3	3.9	10.2	0.17	1.35	0.01	0.036	1.77	54	28
RC07MO_03R	50	52	208389	0.003	0.01	3.73	2.8	<0.2	<10	300	1.92	0.19	0.16	0.01	92	20.1	66	5.9	19.8	4.15	12.5	0.2	1.1	0.02	0.043	1.97	45.4	40.7
RC07MO_03R	52	54	208390	0.003	0.01	3.36	5.5	<0.2	<10	250	1.94	0.21	0.7	0.01	84.3	22.4	53	5.43	40.1	4.02	10.75	0.17	1.21	0.01	0.037	1.72	49.8	31.4
RC07MO_03R	54	56	208391	0.002	0.02	3.29	5.4	<0.2	10	250	1.73	0.27	0.88	0.01	74.8	18	49	4.6	26.8	3.98	10.3	0.16	1.22	0.01	0.037	1.7	41.2	29.3
RC07MO_03R	56	58	208392	0.002	0.01	3.22	5.4	<0.2	10	240	1.62	0.23	0.96	0.02	74.4	15.6	45	4.53	20.9	3.95	9.41	0.16	1.28	0.01	0.035	1.7	40.9	27.3
RC07MO_03R	58	60	208393	0.002	0.01	3.37	6	<0.2	10	250	1.61	0.24	0.4	0.03	77.2	14.5	51	4.6	22.5	4.16	10.25	0.15	1.28	0.02	0.035	1.78	41.5	29.1
RC07MO_03R	60	62	208394	<0.001	0.01	3.14	5.1	<0.2	<10	230	1.4	0.42	0.19	<0.01	67.1	10.7	51	3.67	24.8	3.88	8.33	0.13	0.37	0.02	0.027	1.52	36.8	26.7
RC07MO_03R	62	64	208395	0.002	0.01	3.37	4.5	<0.2	<10	260	1.55	0.5	0.2	0.02	84.4	15.6	59	4.54	29.9	3.9	11.4	0.17	0.76	0.02	0.039	1.47	45.8	38.6
RC07MO_03R	64	66	208396	0.002	0.01	3.57	6	<0.2	<10	310	1.63	0.36	0.2	0.02	82	19.3	58	5.44	29.5	3.98	12.1	0.18	1.13	0.02	0.038	1.66	44.6	41.4
RC07MO_03R	66	68	208397	0.001	<0.01	3.37	4.4	<0.2	<10	260	1.7	0.36	0.17	0.01	90.8	15.7	56	5.91	28.8	3.84	11.25	0.17	1.22	0.03	0.034	1.59	50.3	36.2
RC07MO_03R	68	70	208398	0.002	0.01	3	3.2	<0.2	<10	230	1.57	0.18	0.16	0.02	72.1	19	53	4.97	28.1	3.58	9.57	0.15	1.31	0.02	0.02	1.53	39.7	26.4
RC07MO_03R	70	72	208399	0.002	<0.01	2.82	4.4	<0.2	<10	230	1.38	0.31	0.2	0.02	80.3	14.7	49	4.55	33.5	3.62	9.81	0.15	1.2	0.01	0.02	1.42	47.1	26.3
RC07MO_03R	72	74	208400	0.003	0.01	3.44	5.2	<0.2	<10	250	1.45	0.33	0.33	0.03	97	15.6	56	4.96	31	3.91	11.6	0.18	1.07	0.03	0.033	1.53	54.3	33.2
RC07MO_03R	74	76	208401	0.003	0.01	3.44	4.3	<0.2	<10	270	1.29	0.28	0.31	0.04	74.9	19.7	54	5.31	30.9	3.7	11.45	0.16	1.12	0.03	0.033	1.67	41.4	32.3
RC07MO_03R	76	78	208402	0.003	0.01	3.26	4.7	<0.2	<10	250	1.14	0.21	0.27	0.03	78.4	16.2	56	4.86	30.1	3.8	10.65	0.16	0.95	0.02	0.027	1.62	42.5	31
RC07MO_03R	78	80	208403	0.001	0.01	3.47	4.6	<0.2	<10	260	1.25	0.24	0.46	0.02	80.6	15.6	57	5.58	21.1	3.83	11.45	0.17	0.93	0.03	0.03	1.67	43.7	32.1
RC07MO_03R	80	82	208404	0.001	0.01	3.26	4.4	<0.2	<10	250	1.28	0.19	0.3	0.04	79.1	19.9	53	5.12	22.8	3.77	10.85	0.16	1.01	0.04	0.027	1.56	43.5	27.9
RC07MO_03R	82	84	208405	0.003	0.01	2.75	4.7	<0.2	<10	230	1.29	0.12	0.22	0.04	76.3	18.3	48	4.31	25.4	3.54	9.17	0.15	1.13	0.04	0.019	1.38	41.6	21.7
RC07MO_03R	84	86	208406	0.002	0.01	2.71	5.8	<0.2	<10	180	1.05	0.18	1.37	0.02	65.4	15	44	3.68	27	3.23	8.91	0.13	1.21	0.02	0.026	1.19	31.4	24.9
RC07MO_03R	86	88	208407	0.001	0.01	3.6	5.4	<0.2	<10	270	1.25	0.37	1.18	0.01	78.3	15.2	56	6.13	27	3.85	11.45	0.16	1.2	<0.01	0.033	1.84	43	32.2
RC07MO_03R	88	90	208408	0.002	0.02	3.7	5.8	<0.2	<10	270	1.17	0.33	2.33	0.02	78.7	15.6	56	6.06	24.8	3.81	11.5	0.17	1.22	<0.01	0.034	1.8	44.8	34.4
RC07MO_03R	90	92	208409	0.002	0.01	3.84	4.4	<0.2	<10	290	1.34	0.28	1.06	0.01	76.9	14.6	63	6.5	22	3.84	12.1	0.17	1.27	0.01	0.033	1.93	42	38.1
RC07MO_03R	92	94	208410	0.001	0.01	3.46	4.4	<0.2	<10	250	1.46	0.47	1.03	0.01	69.1	14	52	6	30.7	3.64	10.75	0.18	1.03	0.02	0.036	1.66	33.7	35.8
RC07MO_03R	94	96	208411	0.002	<0.01	3.64	4.2	<0.2	<10	280	1.46	0.52	1.17	0.02	64.7	13.4	53	6.21	29.5	3.62	10.8	0.19	1.25	0.02	0.038	1.76	31.4	37.8

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
0	2	208364	0.95	385	1.53	0.12	0.06	19.9	260	11	35.2	<0.001	0.01	0.2	6.6	1	1.1	184	<0.01	0.13	7.3	0.029	0.2	0.88	60	0.09	15.8	45	12.1
2	4	208365	1.05	519	3.53	0.18	<0.05	20.9	170	12.2	44.4	<0.001	0.01	0.21	8.5	1	1.3	272	<0.01	0.14	9.4	0.025	0.21	2.86	52	0.16	16.6	36	16.4
4	6	208366	0.63	349	4.02	0.15	<0.05	19	130	12.6	46.6	<0.001	<0.01	0.25	8.9	1.1	1.3	130	<0.01	0.08	9.7	0.029	0.24	3.41	54	0.15	13.4	38	18.2
6	8	208367	0.55	183	2.78	0.11	<0.05	15.4	100	9.7	37.7	<0.001	<0.01	0.27	6.9	0.8	1.1	62.8	<0.01	0.04	8.6	0.026	0.19	2.06	42	0.36	12.9	30	17.5
8	10	208368	0.22	105	1.44	0.07	<0.05	12.3	90	10	29.7	<0.001	<0.01	0.34	5.3	0.7	0.9	21.9	<0.01	0.03	7.3	0.031	0.15	1.46	41	0.27	9.13	22	16.1
10	12	208369	2.03	53	1.17	0.14	<0.05	9.5	70	9.1	29.6	<0.001	0.02	0.19	5.7	0.9	0.9	192.5	<0.01	0.07	6.8	0.023	0.14	1.64	35	0.12	15.35	19	12
12	14	208370	2.35	60	1.16	0.16	<0.05	9.9	70	7.6	26.5	<0.001	0.02	0.2	5.2	0.4	0.8	163	<0.01	0.05	7	0.019	0.12	1.61	34	0.1	5.74	19	11.3
14	16	208371	0.41	54	0.99	0.13	<0.05	10.4	80	6.8	29.9	<0.001	0.01	0.25	5.4	0.5	0.8	42.1	<0.01	0.02	8.2	0.026	0.15	1.19	40	0.12	4.02	22	13.1
16	18	208372	0.9	56	0.83	0.12	<0.05	10.1	80	6.5	29.5	<0.001	0.02	0.25	5.4	0.5	0.8	73.7	<0.01	0.02	8.3	0.027	0.15	1.18	40	0.12	4.2	22	13
18	20	208373	0.16	73	0.56	0.06	0.05	8.4	70	6.1	22.7	<0.001	0.01	0.29	4	0.5	0.7	15.5	<0.01	0.01	7.1	0.033	0.11	0.72	34	0.15	5.94	16	13.3
20	22	208374	0.19	101	0.79	0.07	<0.05	9.7	80	6.5	25	<0.001	0.01	0.3	4.4	0.5	0.7	19.6	<0.01	0.02	7.4	0.027	0.13	0.76	42	0.12	5.12	19	12.8
22	24	208375	0.16	146	1.39	0.04	0.15	11.9	140	12.8	16.5	<0.001	0.04	1.1	3.7	0.6	0.8	27.7	<0.01	0.04	7.4	0.027	0.1	0.91	68	1.53	6.66	15	17.3
24	26	208376	0.17	140	1.19	0.03	0.07	11.3	150	12.1	16	<0.001	0.05	0.88	3.8	0.6	0.6	34.5	<0.01	0.04	7.5	0.021	0.09	0.92	62	0.43	7.76	15	15
26	28	208377	0.17	139	1.67	0.03	0.08	12.5	140	12	15.9	<0.001	0.05	1.15	3.8	0.6	0.6	32.8	<0.01	0.04	7.5	0.018	0.1	0.98	61	0.51	6.2	15	15
28	30	208378	0.13	134	1.69	0.03	0.07	12.3	110	9.6	15.8	<0.001	0.04	0.8	3.6	0.5	0.7	21.7	<0.01	0.04	7.1	0.016	0.09	0.75	50	3.07	5.09	13	12.5
30	32	208379	0.13	132	1.94	0.03	0.09	11.6	120	10.7	15.4	<0.001	0.05	0.87	3.4	0.5	0.7	18.6	<0.01	0.04	7.7	0.02	0.09	0.8	55	1.11	4.72	14	14.2
32	34	208380	0.19	81	2.44	0.04	<0.05	9.9	90	8.8	25.1	<0.001	0.06	0.63	5.6	0.4	1.1	27.5	<0.01	0.04	10.4	0.014	0.14	0.88	57	1.25	3.44	14	11.6
34	36	208381	0.2	38	1.08	0.06	<0.05	7.5	50	8.7	23.4	<0.001	0.07	0.27	9	0.3	1.4	35.9	<0.01	0.03	11.6	0.007	0.14	0.88	49	0.16	4.45	6	7
36	38	208382	0.17	52	0.81	0.06	<0.05	6.8	30	16.4	19.3	<0.001	0.12	0.25	7.2	0.7	1.1	29.3	<0.01	0.03	10.7	0.007	0.12	0.99	46	0.06	13.05	6	6.6
38	40	208383	0.31	136	1.27	0.08	<0.05	17.2	60	14.5	31.7	<0.001	0.27	0.51	7.3	1.7	1.8	45.7	0.01	0.03	13.8	0.01	0.18	2.35	66	0.14	30.7	16	9.9
40	42	208384	1.21	1190	0.99	0.07	0.08	32.3	380	6.2	101.5	<0.001	0.03	0.28	9.7	1.2	2.1	67.1	<0.01	0.04	16.4	0.096	0.47	0.97	86	0.26	27.6	37	26.4
42	44	208385	1.7	483	0.45	0.04	0.16	24	460	2.9	131.5	<0.001	0.02	0.23	8.3	0.8	2.5	23.4	<0.01	0.02	14.6	0.19	0.48	0.59	76	0.45	16.65	28	29.3
44	46	208386	1.72	515	0.42	0.02	0.23	24.3	550	3.3	143	<0.001	0.05	0.26	7.8	0.7	2.3	22.4	<0.01	0.03	15.6	0.207	0.57	0.81	69	0.52	13.65	27	31.2
46	48	208387	1.81	503	0.45	0.02	0.17	27.8	400	3	149.5	<0.001	0.05	0.28	7	0.8	2.1	19.8	<0.01	0.02	16.4	0.213	0.57	0.85	75	0.59	15.2	36	33.7
48	50	208388	1.63	531	0.53	0.02	0.19	29.4	480	2.1	133.5	<0.001	0.02	0.24	6.3	0.7	2	21.9	<0.01	0.03	17	0.193	0.52	0.8	70	0.62	14.65	30	33.5
50	52	208389	2.15	403	0.24	0.03	0.16	34.9	590	1.6	142	<0.001	<0.01	0.16	8.5	0.7	2.5	20.2	<0.01	0.01	16.4	0.217	0.53	0.76	91	0.28	11.45	32	25.5
52	54	208390	1.85	343	0.38	0.03	0.17	40.2	570	1.8	118.5	<0.001	<0.01	0.23	7	0.7	2.1	23.5	<0.01	0.02	15.9	0.176	0.44	0.62	74	0.48	15.5	29	28.6
54	56	208391	1.82	403	1.24	0.03	0.19	33.4	560	2.6	116	<0.001	<0.01	0.23	7.2	0.6	2.1	28.5	<0.01	0.02	15.9	0.191	0.46	0.82	68	0.46	12.45	31	29
56	58	208392	1.73	325	1.37	0.02	0.17	28.1	580	2.2	114	<0.001	<0.01	0.21	6.6	0.6	1.8	25.1	<0.01	0.02	16.2	0.194	0.45	0.77	63	0.38	11.5	26	32.1
58	60	208393	1.9	336	1.26	0.02	0.16	29.2	600	1.6	116.5	<0.001	<0.01	0.17	6.6	0.8	1.9	19.9	<0.01	0.01	17	0.205	0.49	0.96	70	0.43	12.8	23	33.2
60	62	208394	1.87	325	0.99	0.02	0.1	24.2	640	1.3	83	<0.001	<0.01	0.12	5.3	0.8	1.6	16.3	<0.01	0.02	14.5	0.182	0.32	0.8	67	0.23	12.75	27	15.8
62	64	208395	2.01	416	0.84	0.04	0.15	30.4	620	1.4	98.2	<0.001	<0.01	0.17	7.1	0.9	2.1	20.3	<0.01	0.01	18.2	0.18	0.43	1.16	77	0.18	14.65	29	23.1
64	66	208396	2.08	629	0.88	0.04	0.16	30.2	550	1.3	109	<0.001	<0.01	0.14	7.8	0.9	2.3	20.6	<0.01	0.01	17	0.21	0.5	1.36	81	0.31	15.25	30	28.2
66	68	208397	2.05	341	1.03	0.03	0.16	27.1	600	1.1	113.5	<0.001	<0.01	0.11	6.9	0.9	2	18.8	<0.01	0.01	17.3	0.2	0.47	1.42	74	0.27	14.65	24	29.2
68	70	208398	1.84	184	0.92	0.03	0.15	29.7	590	0.9	104	<0.001	<0.01	0.11	5.7	0.9	1.5	18.5	<0.01	0.02	17.1	0.185	0.42	1.32	68	0.24	10.65	15	30.1
70	72	208399	1.79	298	1.01	0.05	0.16	26.5	600	1.1	94.7	<0.001	0.03	0.12	5.9	0.8	1.5	46.8	<0.01	0.02	16.1	0.167	0.4	1.63	64	0.31	11.65	15	30
72	74	208400	2.05	654	0.9	0.09	0.15	28.9	680	1	104	<0.001	<0.01	0.12	7.6	1.2	2.1	31.7	<0.01	0.01	17.5	0.209	0.45	2.76	75	0.15	21.5	22	25.3
74	76	208401	2.02	496	0.83	0.09	0.15	31.4	540	1.1	109.5	<0.001	<0.01	0.12	7.5	1	2.1	24.3	<0.01	0.02	16.1	0.208	0.48	3.11	76	0.18	19.35	21	26
76	78	208402	2.07	356	0.76	0.07	0.14	27.6	540	1	103.5	<0.001	0.02	0.15	6.5	1.1	1.9	23.3	<0.01	0.01	15.5	0.195	0.47	2.52	74	0.62	13.55	20	19.8
78	80	208403	2.09	570	0.72	0.13	0.14	26.3	540	1	110.5	<0.001	0.01	0.1	7.2	1	2	30.7	<0.01	0.01	16.8	0.229	0.49	2.27	77	0.39	16.75	21	21.2
80	82	208404	2.08	728	0.9	0.08	0.14	29.7	550	1	105	<0.001	<0.01	0.09	6.8	1	1.8	25.8	<0.01	0.01	17.1	0.207	0.47	2.98	72	0.22	19.7	18	23.3
82	84	208405	1.72	809	1.08	0.06	0.13	28.9	540	0.9	91.9	<0.001	<0.01	0.1	5.7	0.7	1.4	21.3	<0.01	0.02	16.2	0.172	0.4	2.41	62	0.4	12.4	9	24.6
84	86	208406	1.79	307	0.87	0.07	0.13	26	540	0.9	77	<0.001	0.07	0.18	6.1	0.8	1.4	22.6	<0.01	0.02	16.3	0.145	0.31	1.79	58	0.29	12.25	11	29
86	88	208407	2.06	360	0.94	0.16	0.19	26.3	540	1.1	116.5	<0.001	0.15	0.11	7.5	1	2.2	30.5	<0.01	0.02	16.6	0.233	0.51	1.67	78	0.36	15.3	25	29.5
88	90	208408	2.02	448	0.99	0.17	0.2	26.6	530	1.4	116	<0.001	0.15	0.14	7.7	1.2	2.2	39	<0.01	0.02	16.2	0.241	0.52	1.78	76	0.58	17.5	32	30.9
90	92	208409	2	411	1.44	0.24	0.22	28.2	570	1.3	123.5	0.001	0.11	0.16	7.7	0.9	2.3	48.3	<0.01	0.01	19.1	0.248	0.55	2.02	85	0.92	17.35	33	32.2
92	94	208410	1.86	358	1.37	0.2	0.2	26.8	490	1.6	105	0.002	0.15	0.21	7.8	0.8	2.1	41.2	0.01	0.02	16.1	0.224	0.51	1.74	73	0.71	17.2	31	26
94	96	208411	1.88	376	1.23	0.23	0.23	25.9	480	1.6	106	0.002	0.14	0.24	8.1	0.6	2.2	44.3	0.01	0.01	15.4	0.224	0.54	1.79	76	0.74	12.95	33	30.9

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_03R	96	98	208412	0.001	0.01	3.31	3	<0.2	<10	250	1.32	0.51	1.35	0.03	67.9	12.8	50	6.11	33.7	3.47	10.2	0.17	0.98	0.02	0.034	1.67	33	35.3
RC07MO_03R	98	100	208413	<0.001	0.01	3.59	3.2	<0.2	<10	270	1.54	0.4	1.14	0.03	64.8	12.8	53	6.33	25.6	3.58	11.05	0.17	1.01	0.02	0.036	1.8	31.4	39.2
RC07MO_03R	100	102	208414	0.001	<0.01	3.92	4.8	<0.2	<10	300	1.55	0.44	1.27	0.02	73.8	14	54	6.76	24.3	3.6	11.9	0.18	1.11	0.02	0.04	1.93	36.1	39
RC07MO_03R	102	104	208415	0.002	0.01	3.49	5.3	<0.2	<10	250	1.29	0.47	1.38	0.02	70.4	14.4	52	5.98	26	3.57	11	0.17	1.11	0.02	0.038	1.71	34.2	39.8
RC07MO_03R	104	106	208416	0.002	0.02	3.85	3.5	<0.2	<10	290	1.54	0.45	1.29	0.05	72.8	13.4	54	6.79	26.6	3.76	11.95	0.18	1.07	0.02	0.042	1.88	35.5	37.6
RC07MO_03R	106	108	208417	<0.001	0.05	2.34	6.9	<0.2	<10	150	1.01	0.48	2.52	0.07	59.7	13.3	33	3.44	24	3.28	7.28	0.11	0.99	0.01	0.031	1.01	28.8	25.1
RC07MO_03R	108	110	208418	0.001	0.02	3.23	3.9	<0.2	<10	240	1.2	0.49	1.29	0.06	63	13	47	5.78	29.8	3.38	9.52	0.16	1.17	0.01	0.034	1.62	30.5	29.1
RC07MO_03R	110	112	208419	0.002	0.01	3.49	4.3	<0.2	<10	260	1.34	0.38	1.16	0.04	69.6	13.5	53	6.17	29.4	3.54	10.45	0.17	1.41	0.01	0.037	1.74	33.7	34.5
RC07MO_03R	112	114	208420	0.002	<0.01	3.61	3.8	<0.2	<10	270	1.3	0.45	1.64	0.02	64.4	13.6	54	6.11	28.7	3.58	10.65	0.17	1.45	0.01	0.034	1.77	30.9	36.2
RC07MO_03R	114	116	208421	0.002	0.03	3.36	3.8	<0.2	<10	250	1.29	0.4	1.78	0.02	62.4	13.5	48	4.94	127.5	3.43	9.57	0.15	1.28	0.01	0.042	1.65	30.2	28.7
RC07MO_03R	116	118	208422	0.001	0.05	2.78	6.5	<0.2	<10	180	0.98	0.52	1.26	0.06	52.9	15.2	43	4.04	46.7	3.45	8.26	0.12	1.13	0.01	0.031	1.2	25.5	30
RC07MO_03R	118	120	208423	0.003	0.02	3.49	4.7	<0.2	<10	250	1.06	0.23	1.47	0.04	61.2	13.2	55	5.86	21.8	4.05	11.1	0.16	1.01	0.01	0.039	1.63	29.3	34.5
RC07MO_03R	120	122	208424	0.002	0.01	3.25	7.3	<0.2	<10	230	1.22	0.36	1.86	0.02	63.5	14.4	48	4.81	18.1	3.47	9.73	0.12	1.03	0.01	0.034	1.48	30.7	34.1
RC07MO_03R	122	124	208425	0.002	<0.01	3.18	8.5	<0.2	<10	230	1.15	0.43	1.89	0.01	62.7	16	49	5.16	24.2	3.56	9.53	0.14	1.27	0.01	0.034	1.5	30.2	31.5
RC07MO_03R	124	126	208426	<0.001	0.09	2.37	6.8	<0.2	<10	140	1	0.53	2.32	0.23	53.7	14.4	39	2.81	33.1	3.32	7.42	0.1	0.99	0.01	0.032	0.92	25.7	27.4
RC07MO_03R	126	128	208427	0.001	0.01	2.95	6.5	<0.2	<10	200	1.12	0.44	1.3	0.05	60.1	15.7	45	4.33	34.7	3.45	8.69	0.13	1.35	0.01	0.037	1.29	28.9	27.5
RC07MO_03R	128	130	208428	<0.001	0.01	3.17	6	<0.2	<10	230	1.27	0.34	1.28	0.02	63.2	14.9	48	5.26	33.1	3.45	9.33	0.16	1.3	0.01	0.031	1.59	30.5	26.9
RC07MO_03R	130	132	208429	<0.001	0.02	2.29	4	<0.2	<10	150	1.02	0.17	1.76	0.01	42	14.1	37	3.5	31.7	3.14	7.31	0.12	1.22	0.01	0.021	1.04	19	25.3
RC07MO_03R	132	134	208430	0.001	0.07	2.1	3	<0.2	<10	100	0.88	0.53	3.74	0.05	40.4	11.9	28	2.42	59	2.89	6.15	0.09	1.13	0.01	0.03	0.72	19.1	24.5
RC07MO_03R	134	136	208431	<0.001	<0.01	3.66	5.8	<0.2	<10	270	1.58	0.2	1.25	0.01	84.6	15.7	55	5.75	30.4	3.71	10.85	0.17	0.93	0.01	0.039	1.78	41.1	32.4
RC07MO_03R	136	138	208432	0.001	<0.01	3.86	4.9	<0.2	<10	290	1.3	0.13	1.57	0.01	62.6	13	59	5.56	15.9	3.94	11.85	0.19	1.34	<0.01	0.044	1.82	30.2	39.1
RC07MO_03R	138	140	208433	<0.001	<0.01	4.66	8.6	<0.2	<10	340	1.79	0.12	1.06	<0.01	85.6	16.8	70	6.34	17.9	4.51	14.3	0.26	1.15	0.01	0.051	2.2	41.7	47.2
RC07MO_03R	140	142	208434	0.003	<0.01	4.11	11.2	<0.2	<10	280	1.75	0.21	0.78	<0.01	77	19.1	72	5.41	31.6	4.45	12.45	0.18	1.34	0.01	0.05	1.77	37.6	39.7
RC07MO_03R	142	144	208435	0.003	<0.01	3.41	7.4	<0.2	<10	210	1.44	0.09	0.58	<0.01	71.3	15	69	4.26	11.5	4.29	10.65	0.15	1.41	<0.01	0.033	1.39	34.7	34.1
RC07MO_03R	144	146	208436	0.003	<0.01	3.51	4	<0.2	<10	240	1.53	0.15	0.72	0.01	74.5	14.6	61	4.09	24.4	4.4	11.3	0.17	1.35	0.01	0.044	1.47	37	35.5
RC07MO_03R	146	148	208437	0.002	<0.01	4.26	6.9	<0.2	<10	320	1.58	0.18	0.76	0.01	64.8	14.3	62	5.5	13.9	4.27	14.25	0.22	1.25	<0.01	0.06	1.78	31.5	47.8
RC07MO_03R	148	150	208438	0.001	<0.01	4.8	14.2	<0.2	<10	380	1.44	0.1	1.87	0.01	70.1	18.2	64	6.5	12.2	4.55	16.4	0.42	1.04	0.01	0.075	2.09	34.9	49
RC07MO_03R	150	152	208439	0.001	<0.01	4.2	6.1	<0.2	<10	340	1.07	0.06	2.35	0.02	56.9	12.7	59	5.88	24	4.34	14.9	0.4	1.03	0.01	0.079	1.86	27.9	39.2
RC07MO_03R	152	154	208440	<0.001	<0.01	3.76	19.6	<0.2	<10	330	0.97	0.13	4.58	0.03	52.7	19.6	54	5.74	11.5	4.42	13.6	0.32	0.94	<0.01	0.064	1.89	24.1	32
RC07MO_03R	154	156	208441	<0.001	<0.01	4.5	12.8	<0.2	<10	330	1.05	0.07	2.48	0.03	36.6	17.5	58	7.24	9.8	4.78	15.5	0.34	1	<0.01	0.068	1.87	17.4	43.2
RC07MO_03R	156	158	208442	0.001	<0.01	4.45	21.6	<0.2	<10	290	1.19	0.12	3.55	0.04	52	22.6	56	7.83	6	4.85	15.45	0.36	1.17	0.01	0.066	1.8	23.9	45.8
RC07MO_03R	158	160	208443	<0.001	<0.01	4.63	11	<0.2	<10	320	1.11	0.16	2.66	0.02	54.7	16.9	60	7.78	30.2	4.63	16.1	0.42	0.96	<0.01	0.072	1.88	26.2	49.1
RC07MO_03R	160	162	208444	<0.001	<0.01	4.41	12.4	<0.2	<10	320	1.2	0.11	2.65	0.02	52.1	17.7	60	7.93	34.9	4.48	15.75	0.38	1.17	<0.01	0.049	1.93	25	45.9
RC07MO_03R	162	164	208445	<0.001	0.01	3.9	11.9	<0.2	<10	310	1.19	0.08	2.66	0.01	54.2	19	58	7.4	53.6	4.11	14.5	0.3	1.17	<0.01	0.068	1.97	27.2	38.2
RC07MO_03R	164	166	208446	<0.001	<0.01	3.91	8.9	<0.2	<10	270	0.96	0.13	3.14	0.02	56.8	17.2	55	6.88	27.5	4.28	13.9	0.31	1.03	<0.01	0.063	1.64	27.8	38.7
RC07MO_03R	166	168	208447	<0.001	<0.01	3.68	8.9	<0.2	<10	260	0.99	0.15	4.67	0.03	37.5	17	52	6.28	17.1	4.39	13.35	0.29	0.93	<0.01	0.064	1.57	17.5	40.5
RC07MO_03R	168	170	208448	<0.001	<0.01	4.31	9	<0.2	<10	310	1.11	0.12	2.68	<0.01	51.2	17.9	69	6.33	18.3	4.81	14.95	0.26	1.21	<0.01	0.061	1.82	25.1	46.5
RC07MO_03R	170	172	208449	0.001	<0.01	3.41	4.4	<0.2	<10	250	0.99	0.07	2.93	<0.01	47	13.9	58	5.79	16.9	4.08	13.85	0.24	1.13	<0.01	0.036	1.55	23.2	40.2
RC07MO_03R	172	174	208450	<0.001	<0.01	3.77	15.4	<0.2	<10	260	1.02	0.18	4.51	0.03	51.5	23.5	58	6.76	32.8	4.26	13.7	0.23	1.25	<0.01	0.047	1.63	23.3	41.6
RC07MO_03R	174	176	208451	<0.001	0.01	4.1	4.1	<0.2	<10	320	0.99	0.2	3.66	0.02	53.7	17.8	59	7.45	46.6	4.48	14.2	0.23	1.26	0.01	0.059	1.81	26.5	40.6
RC07MO_03R	176	178	208452	0.001	0.01	4.52	11.4	<0.2	<10	360	0.91	0.24	3.46	0.02	54.7	20	64	7.87	33.7	4.6	15.05	0.31	1.56	0.01	0.055	2	27.5	50.8
RC07MO_03R	178	180	208453	<0.001	0.03	4.77	4.5	<0.2	<10	340	1.14	0.15	2.99	0.01	50.5	18.4	85	7.87	55.2	6.92	15.8	0.33	1.71	0.02	0.052	1.99	25.9	51.5
RC07MO_03R	180	182	208454	<0.001	<0.01	4.12	7.9	<0.2	<10	290	0.87	0.19	4.33	0.03	58.5	17.7	60	7.8	23.9	4.47	13.55	0.24	1.46	0.01	0.048	1.84	29.1	45.6
RC07MO_03R	182	184	208455	<0.001	<0.01	4.39	4.7	<0.2	<10	330	1.18	0.19	3.36	<0.01	58.3	20.1	60	7.75	37.8	4.35	17.7	0.38	0.84	<0.01	0.07	1.92	29.1	66.9
RC07MO_03R	184	186	208456	0.003	0.01	3.64	9.3	<0.2	<10	250	0.94	0.23	5.82	0.01	47.4	21	54	7.57	40.3	4.31	14.4	0.3	1.22	<0.01	0.071	1.71	23.4	53.7
RC07MO_03R	186	188	208457	<0.001	<0.01	4.05	8.6	<0.2	<10	340	0.76	0.18	3.58	0.02	59.6	18.2	56	7.93	36.9	4.17	13.75	0.32	1.03	0.01	0.059	1.99	30.3	44.3
RC07MO_03R	188	190	208458	0.001	<0.01	4.11	7.1	<0.2	<10	300	0.79	0.17	4.95	0.04	46.7	16.9	53	7.71	12.9	4.23	13.2	0.35	0.98	<0.01	0.05	2	22.5	43.5
RC07MO_03R	190	192	208459	0.003	<0.01	5.12	1.1	<0.2	<10	430	1.16	0.7	2.18	0.02	36.3	19.1	64	7.47	68.6	4.44	16.3	0.36	1.09	<0.01	0.071	2.32	18.2	48.8

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
96	98	208412	1.77	384	1.33	0.19	0.17	25.4	480	1.7	102	0.002	0.16	0.25	7.6	0.8	2	51.8	<0.01	0.02	14.1	0.202	0.5	1.62	71	0.56	11.25	33	25.1
98	100	208413	1.9	354	0.94	0.21	0.16	24.4	510	2.4	107	0.001	0.12	0.16	8.3	0.7	2.2	50	0.01	0.01	15.3	0.214	0.53	1.76	73	0.34	11	34	26.2
100	102	208414	1.91	368	0.96	0.26	0.19	25.8	520	1.7	116.5	0.001	0.11	0.23	9	0.6	2.5	56.7	0.01	0.02	15.9	0.233	0.56	2.04	76	0.69	12	32	29.6
102	104	208415	1.95	410	1.01	0.2	0.17	25.9	520	1.9	102	0.002	0.12	0.22	8.3	0.7	2.1	46.7	<0.01	0.02	17.2	0.204	0.5	2.07	73	0.52	12.3	33	29.1
104	106	208416	1.99	395	0.91	0.24	0.19	26.3	540	3.5	111.5	0.001	0.13	0.19	9.1	0.7	2.4	51.6	0.01	0.01	16.3	0.23	0.56	2.17	75	0.57	12.95	37	29.9
106	108	208417	1.63	626	0.69	0.09	0.13	21.8	520	6.1	57.1	0.001	0.12	0.32	6.1	0.8	1.2	57	<0.01	0.02	14.4	0.105	0.29	1.67	45	0.44	12.95	33	24.9
108	110	208418	1.77	397	1.35	0.16	0.19	24.2	460	3.7	95.5	0.002	0.14	0.21	7.1	0.7	1.9	48.9	<0.01	0.02	15.1	0.195	0.49	1.84	69	0.64	11.1	37	30.6
110	112	208419	1.85	352	1.78	0.2	0.16	25.4	490	2.7	103	0.002	0.15	0.2	7.8	0.9	2.1	43	<0.01	0.01	15.4	0.209	0.51	1.99	76	0.53	12.65	35	37.7
112	114	208420	1.86	429	1.06	0.21	0.21	25.7	510	1.7	103	0.002	0.14	0.23	8	0.8	2.2	44.6	0.01	0.02	15.5	0.223	0.51	1.93	75	0.68	14.45	31	36.1
114	116	208421	1.83	455	1.27	0.19	0.11	27.2	490	1.5	92.8	0.002	0.19	0.19	7.1	0.9	1.8	47.9	<0.01	0.02	14.8	0.188	0.45	1.9	68	0.55	14.15	27	34.1
116	118	208422	1.76	387	1.65	0.1	0.15	26.1	520	4.2	71.1	0.001	0.16	0.25	6.1	0.9	1.5	33.9	<0.01	0.02	13.8	0.137	0.35	1.83	59	0.47	12.35	31	29.3
118	120	208423	2.12	505	0.94	0.15	0.19	26.1	590	2.9	97.2	0.001	0.08	0.18	8.7	0.7	2.1	40.1	<0.01	0.01	16.7	0.193	0.47	1.89	75	0.45	12.8	38	27
120	122	208424	1.82	450	0.86	0.12	0.15	24.2	580	1.6	84.3	0.001	0.06	0.19	7.3	0.6	1.8	41.5	0.01	0.02	16	0.165	0.43	2.11	69	0.38	13.9	29	28.9
122	124	208425	1.88	413	1.23	0.12	0.19	25.9	570	1.6	87.1	0.002	0.1	0.15	7	0.8	1.8	39.7	<0.01	0.02	15.4	0.18	0.44	2	70	0.36	12.85	31	32.2
124	126	208426	1.92	686	1.44	0.06	0.1	23.1	540	11.9	52.4	0.002	0.1	0.3	5.8	0.8	1.2	47.4	<0.01	0.02	13.4	0.091	0.27	1.67	53	0.42	14.1	95	25.1
126	128	208427	1.8	381	1.54	0.11	0.16	25.5	460	1.8	76.3	0.002	0.14	0.2	5.8	0.8	1.5	29.4	<0.01	0.02	14.6	0.169	0.39	1.9	64	0.55	13.1	46	34.1
128	130	208428	1.89	302	1.06	0.14	0.15	25.2	490	1.6	94.5	0.002	0.15	0.19	6.4	0.8	1.7	31.1	<0.01	0.02	14.9	0.196	0.46	1.91	68	0.47	12.15	25	35.5
130	132	208429	1.71	326	0.76	0.05	0.11	24.2	550	2.2	63.1	0.001	0.18	0.25	5.5	0.7	1.1	22.7	<0.01	0.01	14.2	0.114	0.29	1.75	48	0.67	11.1	12	29.2
132	134	208430	1.67	605	1.86	0.03	0.11	20.5	480	5.6	42.5	0.001	0.17	0.33	4.2	0.9	0.9	82.1	<0.01	0.03	12	0.078	0.22	1.57	32	0.68	11.75	23	27.8
134	136	208431	2.1	291	0.78	0.18	0.19	30.9	640	1.7	111	0.001	0.1	0.24	7.3	0.9	2	40.1	0.01	0.01	19.4	0.214	0.52	2.31	71	0.42	18.8	21	27.2
136	138	208432	2.17	347	0.91	0.21	0.23	26.6	580	1.6	108	0.001	0.02	0.16	9.1	0.7	2.3	42.1	0.01	0.02	16.2	0.237	0.51	2.04	80	0.63	16.5	31	35.9
138	140	208433	2.49	312	1.15	0.28	0.27	32.9	690	1.5	131	0.001	0.02	0.25	10.8	0.8	2.9	47.1	0.01	0.01	18.1	0.267	0.61	1.91	99	1	19.4	34	31.2
140	142	208434	2.39	218	1.5	0.19	0.26	35.9	590	1.5	106	0.001	0.1	0.27	8.6	0.8	2.4	31.1	0.01	0.02	19.9	0.23	0.51	2.31	96	0.64	16.3	22	37.1
142	144	208435	2.29	173	0.95	0.07	0.24	33.6	520	1.3	81.5	0.001	0.09	0.25	7	0.6	1.9	16.4	0.01	0.01	21	0.193	0.4	2.27	90	0.37	13.95	16	38.1
144	146	208436	2.3	202	0.96	0.13	0.2	33.9	490	1.4	88.6	<0.001	0.47	0.27	7.7	0.8	2.1	25.4	<0.01	0.02	17.9	0.187	0.42	2.04	81	0.39	15	19	34.5
146	148	208437	2.67	296	0.73	0.22	0.17	30.4	530	1.6	102.5	0.001	0.06	0.23	10.8	0.8	3.1	32.9	0.01	0.03	17.2	0.228	0.47	2.02	82	0.38	17.1	31	32.7
148	150	208438	3.18	588	0.72	0.26	0.14	30.1	620	2.2	117.5	0.001	0.01	0.2	14.3	0.7	3.9	56.9	<0.01	0.02	16.3	0.249	0.52	1.67	98	0.57	16.35	33	29
150	152	208439	3.41	774	1.58	0.17	0.09	29.7	690	1.4	102	0.001	0.02	0.18	15.1	0.7	3.1	64.6	<0.01	0.01	14.5	0.225	0.46	1.62	95	0.42	15.45	34	28.9
152	154	208440	3.74	1290	0.8	0.12	0.05	26.5	730	1.2	102	0.001	0.04	0.12	14.7	0.8	2.6	96	<0.01	0.03	12.7	0.213	0.45	1.44	93	0.21	15.45	30	27.3
154	156	208441	4.08	771	0.76	0.14	0.05	30.3	680	1.4	105	<0.001	0.03	0.13	15.6	0.5	2.7	68.2	<0.01	0.02	14.5	0.218	0.5	1.63	94	0.22	13	37	29.3
156	158	208442	4.66	1050	1.01	0.13	<0.05	31.3	670	1.2	102.5	<0.001	0.01	0.16	14.9	0.5	2.5	94.1	<0.01	0.04	13.6	0.193	0.5	1.49	89	0.21	14.6	33	32.9
158	160	208443	4.38	767	0.66	0.14	<0.05	32.4	690	1.1	107.5	<0.001	0.02	0.14	15.7	0.6	2.7	66.2	<0.01	0.06	14.1	0.195	0.51	1.48	94	0.11	14.95	31	28.2
160	162	208444	4.33	740	1.05	0.15	<0.05	31.7	670	1.3	108	<0.001	0.05	0.09	15.7	0.5	2.5	64	<0.01	0.03	15.4	0.201	0.54	1.63	94	0.19	14.5	26	32.4
162	164	208445	3.97	688	1.21	0.13	<0.05	29.7	630	1.1	120	0.001	0.06	0.12	14.4	0.7	2.3	61.2	0.01	0.01	13.2	0.203	0.51	1.45	89	0.76	12.55	27	33
164	166	208446	4.23	832	0.78	0.1	<0.05	27.2	630	1	101.5	0.001	0.07	0.14	13.5	0.6	2	74.5	<0.01	0.01	13	0.174	0.44	1.35	87	0.22	13.35	32	28.5
166	168	208447	4.66	1230	0.75	0.07	<0.05	25.5	710	1.1	95.8	0.001	0.03	0.15	13.5	0.6	2	112.5	<0.01	0.02	12.5	0.163	0.4	1.27	86	0.12	12.7	35	27.8
168	170	208448	4.02	696	8.67	0.12	0.06	41.8	670	1	108.5	0.001	0.07	0.17	13.7	0.7	2.5	56.5	<0.01	0.03	13.7	0.191	0.44	1.45	91	0.89	13.7	37	34
170	172	208449	3.89	640	2.83	0.11	<0.05	29.8	640	0.9	95.8	0.001	0.06	0.12	13.5	0.6	1.8	52.9	<0.01	0.02	14.2	0.158	0.36	1.52	83	0.18	13.1	20	31.5
172	174	208450	4.76	1010	1.5	0.07	<0.05	28.5	710	0.9	99.4	0.001	0.11	0.11	13.2	0.7	1.8	89.6	<0.01	0.04	13.4	0.16	0.41	1.44	86	0.19	13.6	30	34.9
174	176	208451	4.58	921	3.34	0.15	<0.05	31.7	660	2	108.5	0.001	0.15	0.16	13.9	0.8	2.2	86	<0.01	0.02	13.6	0.179	0.45	1.49	88	1.29	12.7	42	34.6
176	178	208452	4.63	832	2.28	0.15	<0.05	38	770	1.6	118	<0.001	0.09	0.12	16.6	0.5	2.4	82.8	<0.01	0.03	16.3	0.195	0.49	1.99	100	0.57	11.7	49	38.5
178	180	208453	4.09	937	7.6	0.22	0.17	49	700	1.5	120	<0.001	0.07	0.33	16.1	0.6	4.2	80.5	0.01	0.01	16.9	0.191	0.48	2.1	92	6.15	12.6	44	43.2
180	182	208454	4.76	993	3.33	0.12	<0.05	35.6	740	1.1	109	<0.001	0.06	0.14	15.2	0.5	2.2	104.5	<0.01	0.02	15.3	0.174	0.43	1.85	94	0.49	12.25	45	36.8
182	184	208455	4.23	695	1.54	0.13	<0.05	32.3	720	1.3	111	0.001	0.11	0.07	17	0.6	2.5	75.5	<0.01	0.03	16.4	0.187	0.49	1.99	94	0.16	13.1	40	23.5
184	186	208456	4.66	1150	1.39	0.07	<0.05	28.2	740	2.3	97.7	0.001	0.08	0.08	14.2	0.6	2	134.5	<0.01	0.06	13.3	0.166	0.46	1.76	86	0.3	14.4	49	30.3
186	188	208457	4.12	790	2.82	0.12	<0.05	38.2	690	1.2	117.5	<0.001	0.08	0.1	14.4	0.5	2.6	81.1	<0.01	0.02	16.3	0.192	0.46	1.78	90	2.03	11	41	26.9
188	190	208458	4.51	1120	1.43	0.11	<0.05	24.5	760	1.3	115	<0.001	0.06	0.11	16	0.6	2.3	127	0.01	0.02	13.6	0.199	0.5	1.52	92	0.44	10.8	43	27
190	192	208459	3.83	612	1.08	0.25	0.05	33.2	720	1.4	132.5	<0.001	0.26	0.14	19.2	0.7	3	68.9	0.01	0.04	14.8	0.233	0.56	1.67	103	0.36	9.89	48	31

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_03R	192	194	208460	0.002	<0.01	4.67	7.8	<0.2	<10	380	0.96	0.24	3.71	0.04	49.3	18.9	63	7.86	15.5	4.47	15.35	0.38	1.08	<0.01	0.056	2.21	23.7	48.1
RC07MO_03R	194	196	208461	0.002	<0.01	4.92	8.4	<0.2	<10	390	0.86	0.17	3.22	0.04	54.9	19.8	62	7.58	20.1	4.67	15.7	0.39	1.13	<0.01	0.065	2.21	26.6	49.8
RC07MO_03R	196	198	208462	0.001	<0.01	4.72	4.1	<0.2	<10	410	0.73	0.59	2.45	0.04	25.7	17.1	62	7.92	15	4.36	15.5	0.38	0.96	<0.01	0.059	2.37	12.3	50.1
RC07MO_03R	198	200	208463	0.001	<0.01	4.65	2	<0.2	<10	420	0.81	0.29	2.52	0.04	32.5	17.6	64	7.57	37.8	4.42	15.4	0.35	1.1	<0.01	0.057	2.31	15.9	48.7
RC07MO_03R	200	202	208464	0.001	0.01	4.67	6.3	<0.2	<10	460	1.2	0.45	2.86	0.05	26.5	21	66	7.86	32.6	4.6	19.55	0.31	1.12	<0.01	0.08	2.44	13.1	67.4
RC07MO_03R	202	204	208465	0.001	0.01	4.45	2.9	<0.2	<10	400	1.12	0.16	3.34	0.05	33.5	16.8	64	7.89	17.8	4.46	18.65	0.3	1.23	<0.01	0.072	2.29	15.5	57.8
RC07MO_03R	204	206	208466	0.002	0.01	4.5	9.3	<0.2	<10	410	1.25	0.35	3.92	0.05	31.6	23	63	7.87	33.8	4.5	18.8	0.31	1.15	<0.01	0.078	2.28	15.2	57.6
RC07MO_03R	206	208	208467	0.001	<0.01	4.51	4.9	<0.2	<10	400	1.15	0.18	4.21	0.06	43.6	17.8	61	7.92	13	4.57	19.05	0.36	1.1	<0.01	0.072	2.27	20.1	56.5
RC07MO_03R	208	210	208468	0.001	0.01	4.44	9.2	<0.2	<10	410	1.15	0.37	4.11	0.05	33.5	23.6	64	7.67	41.9	4.51	17.8	0.3	1.1	<0.01	0.074	2.3	16.1	50.7
RC07MO_03R	210	212	208469	0.001	0.02	4.47	3.2	<0.2	<10	370	1.7	0.58	4.09	0.05	35.8	21.2	61	7.24	56.9	4.52	18.35	0.26	1.12	<0.01	0.074	2.08	17.6	61.3
RC07MO_03R	212	214	208470	0.002	0.02	4.49	2.3	<0.2	<10	400	1.2	0.79	2.98	0.04	28.4	21.2	65	7.16	58.8	4.61	18.75	0.29	1.2	<0.01	0.079	2.19	14	54.1
RC07MO_03R	214	216	208471	0.001	0.01	4.81	2.1	<0.2	<10	400	1.05	0.37	3.13	0.04	34.6	18.1	66	7.23	27.2	4.91	19.5	0.33	1.19	<0.01	0.077	2.25	16.3	54.7
RC07MO_03R	216	218	208472	0.001	0.01	4.52	3.2	<0.2	<10	420	0.89	0.2	1.51	0.01	31.1	19.2	69	7.33	28.6	4.82	18.45	0.29	1.21	<0.01	0.066	2.31	14.7	55.8
RC07MO_03R	218	220	208473	0.001	0.01	4.51	5	<0.2	<10	380	1.03	0.21	1.45	0.02	36.2	20.6	69	6.84	34.3	4.96	18.25	0.29	1.1	<0.01	0.067	2.16	17.5	55.6
RC07MO_03R	220	222	208474	0.004	0.01	4.42	30.1	<0.2	<10	360	1.15	0.25	1.94	0.04	57	29.4	66	6.89	38.5	4.89	19.05	0.27	0.99	<0.01	0.066	2.1	28.2	65.9
RC07MO_03R	222	224	208475	0.003	0.01	4.81	6.1	<0.2	<10	440	1.11	0.19	1.11	0.02	60.8	20.9	73	7.45	54	4.93	20.5	0.31	1.27	<0.01	0.073	2.35	30	58.4
RC07MO_03R	224	226	208476	0.002	0.01	4.67	5.3	<0.2	<10	400	1.02	0.19	2.06	0.03	40.7	19.7	69	7.17	42.2	4.94	19.15	0.29	1.16	<0.01	0.076	2.25	19.8	54.2
RC07MO_03R	226	228	208477	0.002	0.01	4.49	8	<0.2	<10	340	1.09	0.27	1.9	0.02	45.5	20.8	69	5.95	47.9	4.83	18.85	0.27	1.17	<0.01	0.08	1.94	22.3	61.4
RC07MO_03R	228	230	208478	0.001	0.01	4.59	10	<0.2	<10	360	1.14	0.14	2.99	0.04	44.3	19.3	64	6.78	31.4	4.84	17.75	0.28	1.26	<0.01	0.078	2.14	21.5	47.2
RC07MO_03R	230	232	208479	0.002	0.01	4.54	11.7	<0.2	<10	380	1.19	0.26	2.57	0.05	44.9	21.8	67	6.66	36	4.78	18.15	0.28	1.19	<0.01	0.079	2.12	22	51.9
RC07MO_03R	232	234	208480	0.001	0.01	4.47	7.3	<0.2	<10	370	1.09	0.13	2.57	0.05	56.1	18.4	66	6.99	34.6	4.87	18.35	0.3	1.24	<0.01	0.08	2.14	27.5	49.4
RC07MO_03R	234	236	208481	0.001	0.01	4.18	14.5	<0.2	<10	300	1.06	0.2	1.85	0.03	41.1	23.5	63	6.02	37	4.79	17	0.31	1.05	<0.01	0.065	1.87	19.5	50.5
RC07MO_03R	236	238	208482	0.001	0.02	3.3	14.2	<0.2	<10	150	1.07	0.14	2.83	0.02	34	21.2	51	3.52	36.3	4.55	13.8	0.16	1.15	<0.01	0.05	1.09	16.6	51.1
RC07MO_03R	238	240	208483	0.001	0.02	4.36	6.6	<0.2	<10	270	1.16	0.18	2.18	<0.01	45.3	19.4	66	6.21	40.1	4.93	17.35	0.23	1.4	<0.01	0.066	1.82	21.8	57.1
RC07MO_03R	240	242	208484	0.001	0.02	4.3	8.5	<0.2	<10	270	1.2	0.15	1.13	0.03	46.9	19.7	66	5.6	29.5	5.07	17.3	0.2	1.43	<0.01	0.067	1.66	22.3	58
RC07MO_03R	242	244	208485	0.001	0.01	4.57	10.3	<0.2	<10	330	1.1	0.19	1.81	0.02	37.4	20.7	68	6.17	28.5	4.98	17.45	0.23	1.25	<0.01	0.07	1.94	18.1	49.4
RC07MO_03R	244	246	208486	0.001	0.01	3.83	3.4	<0.2	<10	290	0.92	0.14	1.19	0.02	48.3	14.2	59	5.43	19.7	4.41	14.85	0.21	1.03	<0.01	0.06	1.68	23.9	42.8
RC07MO_03R	246	248	208487	0.002	0.02	3.3	12.6	<0.2	<10	220	0.87	0.53	3.21	0.03	40.5	22.1	73	3.53	54.5	4.29	12.55	0.17	1.01	<0.01	0.05	1.3	20.2	35.6
RC07MO_03R	248	250	208488	0.001	0.01	4.49	0.6	<0.2	<10	320	1.05	0.07	1.39	0.01	42.3	11.5	72	4.77	14	5.15	18.1	0.22	1.07	<0.01	0.054	1.89	21.9	63.3
RC07MO_03R	250	252	208489	0.002	0.01	3.87	2.9	<0.2	<10	320	1	0.07	0.92	<0.01	32.9	12	69	5.83	10.8	4.65	15.8	0.19	1.33	<0.01	0.046	2.05	16.6	48.3
RC07MO_03R	252	254	208490	0.003	0.07	2.99	2.2	<0.2	<10	220	1.03	0.27	1.05	0.01	28.7	19.8	54	3.95	70.3	4.83	12	0.12	1.25	<0.01	0.034	1.43	14.1	39.7
RC07MO_03R	254	256	208491	0.001	0.04	3.43	0.6	<0.2	<10	290	0.75	0.24	2.04	0.02	26.8	21.1	64	5.46	83.9	4.86	15.45	0.29	1.11	<0.01	0.023	1.92	13.4	44
RC07MO_03R	256	258	208492	0.001	0.01	3.53	1.6	<0.2	<10	340	0.74	0.22	0.88	0.02	39.4	18.1	65	6.04	67.6	4.47	16.15	0.26	1.27	<0.01	0.025	2.32	20.2	38.5
RC07MO_03R	258	260	208493	0.002	0.04	3.11	5	<0.2	<10	230	0.75	0.27	2.24	0.06	33.9	22	56	4.68	68.8	4.81	14.45	0.16	1.24	<0.01	0.035	1.56	17.5	43.2
RC07MO_03R	260	262	208494	0.001	0.02	3.92	10.1	<0.2	<10	290	0.68	0.16	1.79	0.06	33	18.8	69	5.85	18.1	4.76	17.75	0.22	1.07	<0.01	0.072	1.72	16.4	58.1
RC07MO_03R	262	264	208495	0.001	0.01	4.36	2.8	<0.2	<10	340	0.67	0.1	1.7	0.02	18.05	25	74	6.76	11.2	5.68	18.6	0.29	1.08	0.02	0.065	2.04	9.1	58.1
RC07MO_03R	264	266	208496	0.001	0.01	4.66	7.1	<0.2	<10	410	0.97	0.17	1.41	0.01	27.9	18.4	75	7.86	17.3	5.12	19.7	0.29	1.22	<0.01	0.069	2.4	13.8	55.4
RC07MO_03R	266	268	208497	<0.001	0.01	4.47	8.8	<0.2	<10	340	0.88	0.18	2.37	0.05	35.3	19.9	67	6.65	26.1	5.21	19.4	0.3	1.03	<0.01	0.078	2.05	17.6	60.1
RC07MO_03R	268	270	208498	0.001	0.01	4.61	11.1	<0.2	<10	350	1	0.19	2.2	0.03	39	22.1	63	6.33	28.2	5.32	18.4	0.29	1.15	<0.01	0.069	2.08	19.3	52.3
RC07MO_03R	270	272	208499	0.001	0.01	4.35	9.2	<0.2	<10	380	0.94	0.21	1.63	0.01	24.2	19.3	59	7.15	26.7	4.82	18.45	0.37	1.01	<0.01	0.063	2.41	12.2	59.8
RC07MO_03R	272	274	208500	<0.001	0.01	3.31	11.2	<0.2	<10	280	1.25	0.1	4.72	0.01	43.3	16.1	34	4.19	23	3.75	12.75	0.19	1.13	<0.01	0.047	1.93	20.7	48
RC07MO_03R	274	276	208501	0.001	0.01	2.55	3.4	<0.2	<10	190	1.55	0.11	1.92	0.01	77.5	10.5	26	3.9	18.7	3.23	8.51	0.13	1.56	<0.01	0.036	1.69	36.7	31.2
RC07MO_03R	276	278	208502	0.001	0.01	2.91	14.3	<0.2	<10	190	1.73	0.24	3.02	0.01	76.2	18.7	28	4.4	26.6	3.58	9.88	0.14	1.54	<0.01	0.043	1.78	36.9	38.1
RC07MO_03R	278	280	208503	0.001	0.02	3.14	25.3	<0.2	<10	210	1	0.17	3.68	0.02	41.5	25.5	38	4.33	26.2	3.99	12.15	0.16	1.18	<0.01	0.046	1.66	20.2	43.4
RC07MO_03R	280	282	208504	0.005	0.32	1.91	74.9	<0.2	<10	70	0.69	0.36	5.97	0.1	28.2	81.4	27	1.11	239	4.91	8.29	0.11	0.74	<0.01	0.052	0.62	14.6	36.3
RC07MO_03R	282	284	208505	0.001	0.04	4.06	22.9	<0.2	<10	290	1.15	0.12	3.66	0.02	44	25.1	50	5.13	35.3	4.44	15.75	0.22	1.22	<0.01	0.064	2.02	21.4	52.2
RC07MO_03R	284	286	208506	0.001	0.01	4.12	13.4	<0.2	<10	320	1.12	0.07	2.96	0.01	40.6	16.8	53	5.51	9.5	3.88	15.75	0.23	1.13	<0.01	0.058	2.12	19.8	55.1
RC07MO_03R	286	288	208507	<0.001	0.07	1.99	16.9	<0.2	<10	130	0.81	0.11	5.14	0.05	42.4	13.3	30	2.66	29.2	3.36	7.34	0.09	0.9	<0.01	0.05	1.06	21.2	24.1

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
192	194	208460	4.44	1050	2.07	0.19	<0.05	29.6	790	1.7	130.5	<0.001	0.1	0.12	18.7	0.7	2.6	96.5	0.01	0.03	14.4	0.225	0.56	1.62	106	0.41	10.95	52	29.9
194	196	208461	4.27	965	0.9	0.18	<0.05	29.4	770	2	128.5	<0.001	0.1	0.14	18.7	0.7	2.8	89	0.01	0.01	15.2	0.234	0.54	1.72	104	0.23	11.2	52	32
196	198	208462	3.75	811	0.71	0.16	<0.05	27.5	720	1.8	138	<0.001	0.1	0.14	18.1	0.6	3	60.7	<0.01	0.02	15.7	0.247	0.59	1.72	98	0.44	9.66	44	26.9
198	200	208463	3.72	873	1.01	0.19	<0.05	28.9	740	2	134	<0.001	0.19	0.14	18.8	0.7	2.9	64.9	<0.01	0.01	15.4	0.242	0.57	1.75	103	0.29	10.15	48	31.2
200	202	208464	3.87	908	1.1	0.26	<0.05	33.1	650	1.9	137	0.001	0.12	0.2	18.9	0.6	3.3	70.8	<0.01	0.03	15.5	0.257	0.61	1.95	102	0.66	11.2	43	31.1
202	204	208465	4.02	1050	0.82	0.21	<0.05	30.1	680	1.8	131	0.001	0.06	0.17	18.3	0.5	2.9	79.9	<0.01	0.01	14.1	0.246	0.6	1.84	102	0.49	11.85	42	32.8
204	206	208466	4.01	1170	0.95	0.23	<0.05	30.9	680	2	132.5	0.001	0.12	0.2	17.5	0.7	3	96.5	<0.01	0.03	15.2	0.241	0.6	2.02	101	0.2	12.5	42	31.8
206	208	208467	4.21	1200	0.75	0.19	<0.05	27.2	690	1.8	131.5	0.001	0.04	0.18	17.3	0.6	2.9	94.5	<0.01	0.02	14.3	0.241	0.59	1.82	98	0.17	12.65	43	29.2
208	210	208468	3.98	1230	0.97	0.21	<0.05	30.1	700	1.8	125.5	0.001	0.16	0.19	17	0.6	2.9	91.9	<0.01	0.03	14.3	0.238	0.56	1.96	103	0.19	12.3	41	29.6
210	212	208469	3.87	1180	0.7	0.19	<0.05	26.1	650	2	118.5	0.001	0.27	0.24	16.6	0.7	2.6	67.5	<0.01	0.03	14.6	0.215	0.5	1.89	100	0.13	14.25	39	32.1
212	214	208470	3.55	927	0.96	0.2	<0.05	31.3	610	1.6	121.5	0.001	0.24	0.2	17.5	0.7	2.7	59.2	<0.01	0.03	15.3	0.236	0.56	1.88	108	0.26	12.35	36	31.4
214	216	208471	3.79	983	0.66	0.22	0.05	31.4	740	1.5	127	0.001	0.1	0.18	17.6	0.6	2.9	69.5	<0.01	0.02	14.2	0.26	0.54	1.81	105	0.2	13.3	40	33.3
216	218	208472	3.42	584	1.04	0.22	0.05	32.7	580	1.2	125	0.001	0.11	0.16	17.2	0.6	2.7	39.5	<0.01	0.01	15.8	0.27	0.58	1.88	107	0.26	11.55	42	34.1
218	220	208473	3.35	527	0.66	0.16	0.05	32.1	640	1.5	117.5	0.001	0.11	0.16	16.9	0.6	2.6	31.6	<0.01	0.02	16.2	0.259	0.55	1.9	104	0.17	11.25	38	29.9
220	222	208474	3.51	623	0.52	0.11	0.05	34.2	600	2.4	120.5	0.001	0.15	0.13	16.3	0.7	2.7	31.6	<0.01	0.04	15.5	0.241	0.53	1.88	99	0.12	14	37	28.8
222	224	208475	3.37	450	0.85	0.28	0.06	37.6	590	1.6	134	<0.001	0.17	0.17	18.5	0.8	3.2	35.3	<0.01	0.03	16.9	0.278	0.57	2.01	109	0.3	14.55	34	36.7
224	226	208476	3.68	744	0.88	0.22	0.06	35.1	660	1.6	124	<0.001	0.19	0.2	17.5	0.8	3.1	44.4	<0.01	0.02	17	0.27	0.57	2.07	102	0.4	14.4	38	32.5
226	228	208477	3.53	699	0.74	0.19	0.05	36.4	700	1.6	107.5	0.001	0.2	0.2	16.5	0.8	2.8	43.1	<0.01	0.02	16.6	0.217	0.46	2.11	98	0.22	13.6	36	33.7
228	230	208478	3.72	1020	0.7	0.22	0.05	29.5	600	1.7	116	<0.001	0.11	0.18	15.8	0.6	2.8	69.4	<0.01	0.02	14	0.241	0.52	1.93	93	0.26	13.2	35	34.7
230	232	208479	3.71	920	0.73	0.22	0.05	33	640	1.9	114.5	0.001	0.14	0.2	16.2	0.7	2.9	62.5	<0.01	0.03	15.8	0.238	0.51	2.16	96	0.3	12.85	36	33.8
232	234	208480	3.57	916	0.71	0.17	<0.05	33.1	610	1.7	120.5	<0.001	0.13	0.19	15.9	0.7	3	55.2	<0.01	0.02	15.7	0.243	0.54	2.12	95	0.3	13.4	38	33.8
234	236	208481	3.36	659	0.98	0.12	0.07	32.4	710	1.5	107	0.001	0.16	0.18	14.7	0.7	2.7	42	<0.01	0.02	15	0.228	0.47	1.97	92	0.75	11.55	34	29.6
236	238	208482	3.32	824	1.13	0.06	0.06	30.7	630	2	62.7	<0.001	0.25	0.24	11.3	0.6	1.5	46.3	<0.01	0.03	14.8	0.125	0.27	2.05	68	0.39	12.8	22	30.8
238	240	208483	3.57	635	5.03	0.08	0.07	34.9	640	1.5	103.5	0.001	0.2	0.2	14.3	0.7	2.5	32.8	<0.01	0.03	15.7	0.216	0.47	2.42	93	0.23	12.6	31	38.7
240	242	208484	3.33	456	2.34	0.11	0.07	35.6	630	2.4	96	0.001	0.14	0.23	13.3	0.7	2.6	21.1	<0.01	0.01	16.2	0.217	0.45	2.36	90	0.27	14.65	35	39.6
242	244	208485	3.41	576	1.34	0.15	0.07	37	620	1.4	107	0.001	0.16	0.18	14.6	0.8	2.9	34.7	0.01	0.02	15.8	0.241	0.5	2.2	94	0.96	12.55	39	33.8
244	246	208486	2.91	438	1.7	0.1	0.06	32.7	540	1.6	92.5	0.001	0.11	0.22	11.9	0.6	2.5	24.4	<0.01	0.03	13.2	0.203	0.44	1.85	82	0.19	11.3	35	27.4
246	248	208487	2.26	622	2.52	0.13	0.08	55.2	650	1.6	70.1	0.001	0.34	0.17	9.3	0.9	1.9	94.1	<0.01	0.21	11	0.163	0.33	1.53	86	4.33	11.7	31	26.3
248	250	208488	3.3	469	0.98	0.14	0.08	40.7	800	1	103	<0.001	0.08	0.14	12.3	0.6	2.2	32.3	<0.01	0.02	12.6	0.225	0.47	1.26	80	0.45	11.9	31	29.6
250	252	208489	2.81	409	1.09	0.11	0.08	35	580	0.8	114.5	0.001	0.1	0.14	11.8	0.6	2.3	19	<0.01	0.02	13.5	0.235	0.56	1.71	88	0.28	11.1	22	35.6
252	254	208490	2.19	329	1.63	0.07	0.05	41.2	590	1.8	80.4	0.001	0.76	0.4	8.4	0.7	1.3	19	<0.01	0.03	12.2	0.146	0.4	1.24	64	0.57	9.9	18	31.8
254	256	208491	2.95	542	2.13	0.08	0.05	36.8	640	1.7	104	0.001	0.74	0.15	14.6	0.7	1.4	28.2	<0.01	0.05	11.8	0.198	0.5	1.14	95	0.48	10.55	23	28.6
256	258	208492	2.89	304	2.08	0.11	0.07	37.4	590	1.5	122	0.002	0.6	0.09	13.8	0.6	1.7	20.8	<0.01	0.04	12.3	0.24	0.59	1.22	86	0.47	9.46	23	32.2
258	260	208493	2.62	543	1.76	0.09	0.05	40.2	600	2.8	86.7	0.001	0.72	0.41	12.6	0.7	1.4	34.9	<0.01	0.04	11.7	0.163	0.42	1.15	87	0.56	11	30	31.1
260	262	208494	3.18	689	0.89	0.12	0.07	41.5	680	3.2	99	<0.001	0.12	0.22	15.9	0.6	2.3	39	<0.01	0.02	11.8	0.213	0.47	1.28	110	0.39	11.7	42	29.9
262	264	208495	3.56	766	1.01	0.12	0.09	38.9	710	1	114	0.001	0.06	0.17	16.9	0.5	2.7	28.6	<0.01	0.02	12.3	0.263	0.58	1.33	120	25.6	11.25	38	29.6
264	266	208496	3.44	569	1.03	0.18	0.12	44.1	670	1	140.5	<0.001	0.11	0.17	17.8	0.6	3.1	32.6	<0.01	0.02	13.2	0.301	0.66	1.42	121	0.71	10.55	37	35.1
266	268	208497	3.66	941	0.66	0.12	0.07	52	760	2.6	119.5	<0.001	0.15	0.18	16.8	0.6	2.7	42.2	<0.01	0.03	12.8	0.249	0.54	1.29	113	0.3	11.95	44	28.9
268	270	208498	3.59	990	0.81	0.16	0.06	52.3	680	1.2	116	<0.001	0.17	0.13	16.4	0.6	2.4	45.1	<0.01	0.04	12.3	0.242	0.56	1.23	114	5.99	11.55	34	30.3
270	272	208499	3.36	679	1.23	0.15	0.05	46.2	630	1.2	146	0.001	0.14	0.12	18.5	0.5	2.1	42.9	<0.01	0.03	12.6	0.268	0.56	1.21	115	0.32	10.05	28	29.8
272	274	208500	3.06	1150	0.77	0.05	0.06	22.9	550	1	115	0.001	0.12	0.09	9.7	0.6	1.6	81.7	<0.01	0.02	13.1	0.179	0.38	1.61	59	0.18	14.55	20	30.6
274	276	208501	2.23	612	0.67	0.03	0.07	18.4	420	1.1	110	0.001	0.12	0.16	4.5	0.7	1.2	37.5	<0.01	0.04	19.6	0.155	0.38	2.55	34	1.91	15	14	41.6
276	278	208502	2.52	694	1	0.04	0.06	23.6	500	1.4	118	0.001	0.2	0.17	5.5	0.7	1.3	59.9	<0.01	0.03	19.1	0.165	0.4	2.63	40	0.26	15.2	18	40
278	280	208503	3.17	837	1.07	0.05	<0.05	23.7	610	1.9	104.5	0.001	0.18	0.24	9.1	0.7	1.5	67.9	<0.01	0.02	13.4	0.16	0.39	1.62	62	0.45	12	18	29.6
280	282	208504	2.53	1200	1.28	0.03	0.05	26.8	380	5.5	35.2	0.001	2.3	0.43	8.3	1.1	0.7	81	<0.01	0.15	8.6	0.046	0.11	0.97	37	3.48	13.2	20	18.8
282	284	208505	3.48	906	1.13	0.09	0.07	28.4	610	1.7	123	0.001	0.24	0.15	12.4	0.7	2.2	66.7	<0.01	0.03	13.5	0.203	0.45	1.68	76	0.49	13.7	23	33.3
284	286	208506	3.27	725	0.9	0.12	0.05	26.1	580	1.3	124.5	0.001	0.04	0.14	12.4	0.5	2.3	56	<0.01	0.02	13.2	0.198	0.47	1.6	75	0.3	12.25	24	31.5
286	288	208507	2.87	1150	2.58	0.04	<0.05	19.2	560	2.4	65.5	0.001	0.08	0.99	7.4	0.6	1	109.5	<0.01	0.02	10	0.084	0.26	1.21	37	0.79	12.6	21	22.7

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_03R	288	290	208508	0.001	0.02	3.62	13	<0.2	<10	270	1.02	0.13	3.32	0.02	48.6	15.8	49	5.81	24.6	3.66	13.6	0.21	1.12	<0.01	0.051	1.96	24	43.6
RC07MO_03R	290	292	208509	0.001	0.01	3.2	10.9	<0.2	<10	230	1.1	0.12	4.23	0.01	50.1	14.5	41	4.91	30.9	3.44	11.5	0.16	1.2	<0.01	0.05	1.75	24.7	42.4
RC07MO_03R	292	294	208510	0.001	0.02	3.5	13.1	<0.2	<10	250	1.12	0.11	2.55	0.01	49.8	15.5	43	5.62	19.5	3.46	12.35	0.18	1.18	<0.01	0.043	1.96	24.4	53.8
RC07MO_03R	294	296	208511	<0.001	0.01	3.49	10.3	<0.2	<10	250	1.09	0.1	2.66	0.01	45	14.6	45	5.42	22.6	3.62	12.8	0.16	1.21	<0.01	0.04	1.97	21.9	48.7
RC07MO_03R	296	298	208512	<0.001	0.01	3.58	12.5	<0.2	<10	290	1.16	0.09	2.53	0.01	47.6	15.3	47	4.84	22.1	3.63	12.7	0.16	1.17	<0.01	0.04	2.05	23.9	39.8
RC07MO_03R	298	300	208513	0.001	0.01	3.92	8.4	<0.2	<10	340	1	0.07	1.42	<0.01	41.1	14.4	51	6.12	14.8	4.07	14.05	0.19	1.37	<0.01	0.044	2.37	20.3	45
RC07MO_03R	300	302	208514	0.001	0.01	4.43	9.2	<0.2	<10	370	1.18	0.22	1.05	<0.01	50.8	16.8	55	6.47	27.4	4.65	16.35	0.2	1.51	<0.01	0.06	2.46	25.8	56.1
RC07MO_03R	302	304	208515	0.001	0.02	4.23	4.1	<0.2	<10	330	1.01	0.11	2.63	0.03	48	18	57	4.89	109	4.74	16.4	0.22	1.18	<0.01	0.093	2.12	24.9	55.9
RC07MO_03R	304	306	208516	<0.001	0.01	4.1	7.4	<0.2	<10	310	0.83	0.1	1.32	0.01	56	16.8	61	6.01	59.6	4.79	16.5	0.26	1.17	<0.01	0.071	2.07	29.3	56.2
RC07MO_03R	306	308	208517	0.002	0.01	4.03	6.9	<0.2	<10	300	0.81	0.15	0.94	0.02	42.5	16.3	61	6.48	57.1	4.74	16	0.27	1.22	<0.01	0.071	2.01	22	54.3
RC07MO_03R	308	310	208518	0.001	0.01	4.15	4.4	<0.2	<10	310	0.84	0.09	0.89	<0.01	59.6	15	65	6.75	28	4.87	16.85	0.29	1.37	<0.01	0.062	2.06	31.2	62.5
RC07MO_03R	310	312	208519	<0.001	0.01	3.96	15	<0.2	<10	300	0.78	0.17	1.32	<0.01	50.9	22.6	62	7.25	20.1	4.78	16.4	0.26	1.4	<0.01	0.049	2.16	26.1	52.9
RC07MO_03R	312	314	208520	0.001	0.01	3.76	0.8	<0.2	<10	270	0.67	0.09	0.44	0.01	51.9	13.4	62	6.33	18.8	4.74	15.95	0.27	1.06	<0.01	0.057	1.88	26.9	59
RC07MO_03R	314	316	208521	0.001	0.01	3.94	12.8	<0.2	<10	270	0.81	0.26	0.95	0.04	50.5	23.1	63	6.16	34.6	4.97	16.55	0.26	1.08	<0.01	0.063	1.81	25.6	64.3
RC07MO_03R	316	318	208522	<0.001	0.02	4.03	5.5	<0.2	<10	280	1.12	0.32	0.82	0.05	64.6	19.3	63	5.85	56	4.98	16.8	0.27	0.92	<0.01	0.071	1.78	33.8	66.6
RC07MO_03R	318	320	208523	0.001	0.01	4.38	9.8	<0.2	<10	380	0.73	0.28	0.88	0.02	61.6	21.3	70	7.68	53.8	5.1	18.25	0.33	1.03	<0.01	0.081	2.29	31.7	66.3
RC07MO_03R	320	322	208524	<0.001	0.02	4.39	8.8	<0.2	<10	380	0.69	0.21	0.87	0.03	60.6	19.1	70	7.41	32.4	4.92	17.9	0.31	1.03	<0.01	0.074	2.23	31.8	59.7
RC07MO_03R	322	324	208525	0.001	0.02	4.28	7.4	<0.2	<10	350	0.73	0.3	0.96	0.03	58.8	19.2	68	7.18	45.1	4.95	17.5	0.31	1.07	<0.01	0.074	2.14	30.8	64.1
RC07MO_03R	324	326	208526	<0.001	0.01	4.17	4.3	<0.2	<10	340	0.92	0.23	0.77	0.03	46.5	16.8	67	6.18	26.5	4.89	17	0.29	0.97	<0.01	0.067	2.08	23.9	71.9
RC07MO_03R	326	328	208527	<0.001	0.02	3.87	4.7	<0.2	<10	320	0.64	0.28	1.75	0.03	43.1	16.7	64	6.09	40.4	4.55	15.45	0.31	1.03	<0.01	0.062	1.91	22.5	57.3
RC07MO_03R	328	330	208528	<0.001	0.01	4.17	3.9	<0.2	<10	370	0.69	0.13	3.16	0.04	42.3	14.9	64	6.97	18.7	4.68	16.8	0.38	1.05	<0.01	0.07	2.2	21.9	52.3
RC07MO_03R	330	332	208529	<0.001	0.01	4.06	4.7	<0.2	<10	330	0.89	0.16	1.83	0.02	46.9	14.5	61	6.26	19.5	4.52	15.7	0.25	1.21	<0.01	0.061	1.94	24.7	53.8
RC07MO_03R	332	334	208530	<0.001	0.01	4	2.4	<0.2	<10	300	0.91	0.28	1.37	0.01	46.3	14.4	60	5.42	19.5	4.59	15.05	0.22	1.14	<0.01	0.055	1.89	23.8	66.2
RC07MO_03R	334	336	208531	0.001	0.01	4	1.8	<0.2	<10	320	0.81	0.29	0.71	0.01	43.4	14.9	59	5.72	28.7	4.57	14.6	0.2	1.22	<0.01	0.052	2.09	22.8	54.8
RC07MO_03R	336	338	208532	0.001	0.01	4	4	<0.2	<10	370	0.86	0.62	3.25	0.02	27.7	15.9	61	5.81	26.3	4.55	15.3	0.21	0.98	<0.01	0.063	2.28	14.6	53.2
RC07MO_03R	338	340	208533	0.001	0.01	4.22	0.5	<0.2	<10	350	0.85	0.57	0.81	0.02	22.6	13.7	62	6.19	27.1	4.61	15.7	0.19	1.1	<0.01	0.059	2.14	12	62.5
RC07MO_03R	340	342	208534	0.001	0.03	3.64	2.3	<0.2	<10	280	1.24	0.56	0.75	0.01	29	18.7	54	5.1	75.5	4.63	13.35	0.15	1.23	<0.01	0.046	1.72	14.2	54.8
RC07MO_03R	342	344	208535	<0.001	0.01	3.83	0.5	<0.2	<10	320	0.93	0.3	0.57	0.01	19.2	13	62	5.9	27.9	4.47	14.6	0.18	1.08	<0.01	0.052	2.07	9.9	54.5
RC07MO_03R	344	346	208536	0.001	0.01	3.32	1.1	<0.2	<10	240	1	0.57	0.28	<0.01	36.4	18.1	53	4.82	63.8	4.49	12.05	0.15	1.18	<0.01	0.04	1.72	18.8	52
RC07MO_03R	346	348	208537	<0.001	0.01	3.58	0.7	<0.2	<10	270	0.93	0.34	0.64	0.01	19.95	14.3	59	5.42	38.2	4.46	13.65	0.15	1.17	<0.01	0.047	1.9	10	52.9
RC07MO_03R	348	350	208538	0.001	0.01	3.32	1	<0.2	<10	250	0.93	0.79	0.38	<0.01	27.3	17.6	56	5.13	56.2	4.41	12.45	0.15	1.11	<0.01	0.038	1.79	13.6	50.3
RC07MO_03R	350	352	208539	<0.001	0.01	3.39	0.8	<0.2	<10	260	1.11	0.2	0.48	<0.01	20.1	13.4	55	5.12	41.5	4.08	12.8	0.15	1.17	<0.01	0.03	1.89	10.1	47.1
RC07MO_03R	352	354	208540	<0.001	0.01	3	2.2	<0.2	<10	250	1.03	0.27	2.67	0.01	21.3	12.6	49	4.44	33.4	3.91	11.1	0.13	1.14	<0.01	0.036	1.75	10.5	36.2
RC07MO_03R	354	356	208541	<0.001	0.01	3.77	6.1	<0.2	<10	290	1.44	0.55	3.77	0.01	21.4	15.3	59	6.57	32	4.1	14	0.21	0.91	<0.01	0.049	1.98	10.6	47.8
RC07MO_03R	356	358	208542	0.001	<0.01	2.82	7.4	<0.2	<10	230	1.17	0.32	5.1	0.02	21	14.6	45	5.69	24.1	3.99	10.95	0.15	0.98	<0.01	0.032	1.64	10.3	36.9
RC07MO_03R	358	360	208543	0.001	0.01	3.22	11.2	<0.2	<10	260	1.21	0.41	3.61	0.02	38.4	17.7	56	6.44	29.1	4.22	13.05	0.2	1.08	<0.01	0.03	1.93	19.4	38.3
RC07MO_03R	360	362	208544	<0.001	<0.01	3.59	0.8	<0.2	<10	260	1.01	0.2	1.09	<0.01	27.8	13.4	58	5.37	29.3	4.23	13.75	0.17	1.17	<0.01	0.044	1.77	13.8	48.8
RC07MO_03R	362	364	208545	0.003	0.01	3.99	1.8	<0.2	<10	330	0.99	0.25	0.79	<0.01	27.4	13.8	64	6.79	21.2	4.45	15.15	0.19	1.07	<0.01	0.048	2.21	14.2	46.7
RC07MO_03R	364	366	208546	0.002	0.01	3.94	1.5	<0.2	<10	300	1.03	0.2	1.01	<0.01	23.5	14.8	63	6.31	38.3	4.58	15.3	0.2	1.16	<0.01	0.047	2.04	11.5	51.3
RC07MO_03R	366	368	208547	0.002	0.01	3.79	5.6	<0.2	<10	280	0.96	0.17	1.89	0.01	23	17.7	63	5.86	43.6	4.67	15.4	0.22	1.03	<0.01	0.05	1.86	11.5	55.1
RC07MO_03R	368	370	208548	0.002	0.01	3.7	2.4	<0.2	<10	280	0.93	0.12	0.73	0.01	37.1	14.4	60	6.17	22	4.36	14.55	0.21	0.98	<0.01	0.051	1.9	18.5	55
RC07MO_03R	370	372	208549	0.001	0.01	3.8	5.1	<0.2	<10	250	1.15	0.18	3.78	0.03	31	15.4	57	5.67	26.2	4.66	14.95	0.26	0.86	<0.01	0.062	1.68	15.2	55.6
RC07MO_03R	372	374	208550	0.001	0.01	3.89	4	<0.2	<10	280	1	0.19	1.93	0.01	30	15.9	64	5.79	28.1	4.48	15.05	0.19	1.13	<0.01	0.053	1.84	14.4	52
RC07MO_03R	374	376	208551	0.002	0.01	3.53	3.9	<0.2	<10	280	1.06	0.41	1.72	<0.01	29.6	15.3	61	6.25	59.2	4.35	13.85	0.2	1.05	<0.01	0.044	1.92	14.2	44.7
RC07MO_03R	376	378	208552	0.001	0.01	2.87	4.1	<0.2	<10	200	1.03	0.15	3.2	0.02	18.85	13.2	47	5.16	25.8	4.1	11.4	0.13	1.07	<0.01	0.034	1.51	9.3	35.2
RC07MO_03R	378	380	208553	0.001	<0.01	3.66	1.5	<0.2	<10	300	0.99	0.21	4.5	0.02	22.5	11.4	56	7.13	17.7	4.48	14.55	0.25	0.88	<0.01	0.06	2.07	11.2	46.8
RC07MO_03R	380	382	208554	0.001	0.01	3.73	1.8	<0.2	<10	300	0.81	0.35	0.58	0.01	30.3	15.7	60	6.4	47	4.42	14.4	0.18	1.23	<0.01	0.054	1.96	14.4	54
RC07MO_03R	382	384	208555	0.001	0.01	3.32	0.5	<0.2	<10	260	0.9	0.25	0.59	0.01	29.2	13.6	51	5.48	46.2	4.2	12.35	0.17	1.17	<0.01	0.041	1.78	14.3	47.6

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
288	290	208508	3.17	791	1.01	0.11	0.05	25.4	620	1.4	125.5	0.001	0.04	0.17	10.6	0.6	1.9	69.7	<0.01	0.02	12.1	0.189	0.48	1.48	68	0.32	12.7	26	30.8
290	292	208509	2.99	928	0.81	0.07	0.06	21.2	570	2.6	110.5	<0.001	0.06	0.16	8	0.7	1.5	69	<0.01	0.02	13.6	0.167	0.41	1.67	51	0.35	13.45	22	32.5
292	294	208510	2.88	524	0.87	0.07	0.06	20.6	600	2.4	123.5	<0.001	0.02	0.13	7.6	0.6	1.6	44.2	<0.01	0.02	14.1	0.183	0.46	1.8	51	0.44	12.1	23	32.6
294	296	208511	2.93	587	1.43	0.09	0.06	22.5	660	1.5	124	<0.001	0.05	0.13	8.2	0.5	1.6	52.8	<0.01	0.02	14.4	0.185	0.45	1.79	53	0.4	12.65	17	33.8
296	298	208512	2.75	682	1.42	0.14	0.07	22.4	810	1.1	121.5	0.001	0.05	0.11	8.2	0.6	1.7	58.6	<0.01	0.02	13.2	0.2	0.45	1.55	55	0.49	12.7	18	32
298	300	208513	2.77	481	1.32	0.15	0.07	24.1	740	1.2	140.5	<0.001	0.04	0.13	8.8	0.6	2.1	41.6	<0.01	0.02	15.2	0.239	0.54	1.76	62	0.65	12.05	25	36
300	302	208514	2.96	514	4.26	0.17	0.06	28.3	650	1.3	150.5	0.001	0.12	0.19	10.1	0.6	2.5	44.7	<0.01	0.05	16.8	0.25	0.57	1.87	73	0.34	13.35	34	43.1
302	304	208515	2.88	777	1.22	0.18	0.05	29	710	1.5	127	<0.001	0.33	0.15	12.2	0.7	2.3	62.8	<0.01	0.03	13.1	0.221	0.49	1.53	80	0.52	15.05	39	33.4
304	306	208516	3.09	552	0.79	0.12	0.06	33.3	630	0.9	126.5	<0.001	0.06	0.13	13.2	0.6	2.1	34.9	<0.01	0.03	13.8	0.24	0.5	1.39	89	0.99	12.55	31	32.3
306	308	208517	2.84	418	0.71	0.12	0.07	32.4	620	0.9	127	0.001	0.06	0.15	12.3	0.6	2.3	29.8	<0.01	0.04	13.3	0.245	0.52	1.34	82	0.26	11.7	32	33
308	310	208518	2.91	388	0.64	0.13	0.09	32.5	620	1	133	<0.001	0.05	0.14	12.4	0.6	2.4	25.8	<0.01	0.03	14.3	0.265	0.56	1.53	87	0.3	13.1	35	36.3
310	312	208519	2.94	514	0.7	0.11	0.09	34.1	660	0.9	138.5	0.001	0.07	0.16	13.4	0.6	2.2	31.8	<0.01	0.05	13.7	0.264	0.58	1.53	89	0.75	11.75	30	36.7
312	314	208520	2.85	363	0.54	0.08	0.07	32.9	560	1.2	119	<0.001	0.04	0.14	12.3	0.6	2.3	18.9	<0.01	0.02	13.5	0.255	0.49	1.29	89	0.3	12.5	44	27.6
314	316	208521	2.99	500	0.53	0.09	0.09	37	630	2	114	<0.001	0.09	0.27	12.4	0.7	2.5	23.5	<0.01	0.04	14.3	0.258	0.48	1.45	88	0.34	14.25	62	29
316	318	208522	3.03	483	0.54	0.08	0.08	37.4	590	2.3	112.5	<0.001	0.17	0.25	12.8	0.6	2.5	33.2	<0.01	0.06	13.5	0.24	0.47	1.32	90	0.35	12.75	59	24.6
318	320	208523	3.17	592	0.6	0.13	0.1	38.3	760	1.3	141	<0.001	0.07	0.2	15.5	0.5	3	34.3	<0.01	0.05	14	0.299	0.59	1.35	103	0.3	10.9	53	26.9
320	322	208524	3.06	584	0.69	0.17	0.11	36.1	660	2	137	<0.001	0.05	0.2	14.6	0.6	3.1	31.6	<0.01	0.02	13.9	0.29	0.57	1.41	94	0.33	11.4	54	27.3
322	324	208525	3.1	619	0.65	0.15	0.09	35.4	640	1.7	132.5	<0.001	0.06	0.2	14.3	0.6	2.9	29.3	<0.01	0.04	14.5	0.289	0.57	1.51	95	0.54	12.15	60	28
324	326	208526	3.08	614	0.5	0.11	0.09	34	620	1.7	123	<0.001	0.07	0.16	13.1	0.6	2.8	27.1	<0.01	0.02	13.4	0.274	0.5	1.22	88	0.22	10.95	60	25.7
326	328	208527	2.75	701	0.54	0.13	0.08	34.2	580	1.3	116	<0.001	0.07	0.18	12	0.5	2.6	49.9	<0.01	0.04	13.7	0.27	0.48	1.24	83	0.5	11.05	55	25.9
328	330	208528	3.18	1510	0.62	0.14	0.07	30.1	630	1.5	136	0.001	0.04	0.17	13.7	0.6	2.9	73.5	<0.01	0.02	13.2	0.278	0.54	1.29	87	0.48	11.6	56	28.8
330	332	208529	3	1140	0.81	0.15	0.08	30.8	590	1.4	119	0.001	0.03	0.14	11.6	0.5	2.6	49.6	<0.01	0.02	14.5	0.238	0.49	1.46	75	0.26	11.3	52	31.9
332	334	208530	2.91	770	0.52	0.11	0.07	32.6	520	1.4	115.5	0.001	0.07	0.2	10.4	0.6	2.4	36	<0.01	0.03	14.5	0.222	0.45	1.41	69	0.19	11.5	53	30.9
334	336	208531	2.69	518	0.46	0.13	0.06	34	500	1.4	123.5	<0.001	0.14	0.22	9.9	0.6	2.3	29.8	<0.01	0.02	14.6	0.242	0.53	1.34	64	0.35	10.05	49	30.4
336	338	208532	2.91	1470	0.61	0.13	0.07	30.3	570	1.5	132	<0.001	0.13	0.2	11	0.5	2.7	85.2	<0.01	0.04	13.7	0.25	0.49	1.28	68	0.25	11.35	44	27
338	340	208533	2.88	781	0.6	0.15	0.06	34.8	520	1.6	129.5	0.001	0.14	0.27	10.9	0.5	2.6	30.3	<0.01	0.02	14.8	0.245	0.54	1.44	70	0.23	9.37	51	28.2
340	342	208534	2.59	571	0.91	0.09	0.06	39.8	540	1.5	102	<0.001	0.4	0.24	8.4	0.6	1.9	25	<0.01	0.03	15.1	0.188	0.49	1.46	56	0.57	10.7	51	31.7
342	344	208535	2.55	446	0.75	0.14	0.05	29.3	530	1	125	<0.001	0.16	0.2	10.5	0.4	2.2	22.2	<0.01	0.02	13.8	0.237	0.6	1.26	67	0.37	8.48	54	28.1
344	346	208536	2.3	305	0.58	0.08	0.05	41.7	460	1.1	104.5	<0.001	0.38	0.23	6.9	0.5	1.7	15	<0.01	0.04	14.1	0.191	0.52	1.43	51	0.27	9.43	43	31.9
346	348	208537	2.56	428	0.62	0.08	0.05	30.7	530	1	118	<0.001	0.22	0.17	9.1	0.4	2	19.7	<0.01	0.02	14	0.214	0.57	1.39	61	0.44	9.24	48	31.4
348	350	208538	2.42	315	0.72	0.08	<0.05	41.1	500	0.9	108.5	<0.001	0.36	0.15	7.6	0.5	1.7	16.7	<0.01	0.05	14.8	0.197	0.52	1.42	56	0.33	8.21	35	29.7
350	352	208539	2.55	262	0.57	0.08	<0.05	31.4	500	0.9	113	<0.001	0.22	0.11	7.8	0.4	1.6	19.4	<0.01	0.02	14.6	0.198	0.52	1.48	56	0.21	7.73	26	30.2
352	354	208540	3.15	1320	1.12	0.06	<0.05	28	560	0.8	101	<0.001	0.21	0.1	7.3	0.4	1.5	49	<0.01	0.03	13.8	0.169	0.46	1.42	51	0.47	9.33	24	29.7
354	356	208541	3.46	1640	2.47	0.09	<0.05	29.6	560	1	121	<0.001	0.17	0.08	10.9	0.5	2	73.9	<0.01	0.03	14.3	0.188	0.56	1.39	72	0.17	9.09	31	25.1
356	358	208542	4.01	2030	1.58	0.05	<0.05	27.4	570	0.9	106.5	<0.001	0.1	0.1	8.1	0.5	1.5	98.1	<0.01	0.02	11.8	0.155	0.48	1.22	55	0.16	9.48	24	25.5
358	360	208543	3.68	1470	1.49	0.07	<0.05	38.5	590	1	121	<0.001	0.16	0.12	9.7	0.5	1.6	75.2	<0.01	0.05	14.1	0.193	0.54	1.48	69	0.29	9.66	25	28.3
360	362	208544	2.79	485	1.93	0.09	<0.05	33.8	480	0.8	109.5	<0.001	0.14	0.11	8.9	0.5	1.9	24.6	<0.01	0.02	14.8	0.194	0.51	1.57	60	0.26	9.9	40	31.2
362	364	208545	2.87	390	0.84	0.12	<0.05	37	510	0.8	135.5	<0.001	0.13	0.11	10.1	0.5	2.2	22.5	<0.01	0.04	14.5	0.238	0.63	1.42	71	0.23	8.41	35	28.9
364	366	208546	3.01	441	1.59	0.11	<0.05	40.8	530	0.9	124	<0.001	0.2	0.12	10.5	0.5	2	24.8	<0.01	0.04	15.4	0.218	0.6	1.49	71	0.44	9.65	44	31.6
366	368	208547	2.95	606	1.71	0.1	<0.05	39.1	550	0.9	114	<0.001	0.24	0.13	11.5	0.6	2	30.9	<0.01	0.03	14.5	0.208	0.53	1.39	80	0.41	10.75	44	28.3
368	370	208548	2.85	500	0.7	0.09	<0.05	34.5	470	0.9	115.5	<0.001	0.14	0.15	10.1	0.5	2.1	20.5	<0.01	0.03	14.2	0.221	0.53	1.29	70	0.21	11.3	56	27.8
370	372	208549	3.51	1750	0.46	0.05	<0.05	30.3	560	0.7	104	<0.001	0.11	0.15	11.7	0.5	1.9	61.5	<0.01	0.03	11.9	0.189	0.48	1.26	75	0.23	10.05	53	24.8
372	374	208550	2.91	696	1.01	0.1	0.05	35.4	490	0.9	116	<0.001	0.15	0.18	10.1	0.5	2.1	31.8	<0.01	0.04	13.5	0.211	0.52	1.4	70	0.34	10.9	53	31.8
374	376	208551	3.05	664	0.84	0.09	<0.05	35.1	550	0.8	116.5	<0.001	0.2	0.13	10.7	0.5	1.8	32.6	<0.01	0.04	12.6	0.207	0.53	1.32	73	0.31	8.98	30	29
376	378	208552	3.34	1450	0.62	0.05	<0.05	28.2	560	0.7	92.8	<0.001	0.16	0.12	8.5	0.4	1.4	57.8	<0.01	0.02	11.6	0.152	0.43	1.27	57	0.34	8.68	26	27.7
378	380	208553	3.65	2210	1.29	0.08	<0.05	23.1	630	0.7	129	<0.001	0.12	0.1	12.3	0.5	2.1	77.7	<0.01	0.01	11	0.214	0.61	1.19	83	0.25	10.65	46	24.4
380	382	208554	2.77	512	1.81	0.11	0.05	31.8	490	1	119	<0.001	0.27	0.18	10.1	0.5	2.2	19.6	<0.01	0.03	14.6	0.239	0.59	1.52	73	0.41	10.75	57	32
382	384	208555	2.47	366	0.72	0.08	0.06	28.5	440	0.9	109.5	<0.001	0.29	0.22	7.3	0.5	1.7	17.3	<0.01	0.02	13.5	0.198	0.55	1.34	53	0.38	10.6	53	31.2

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_03R	384	386	208556	0.001	0.01	3.07	0.5	<0.2	<10	200	0.92	0.27	0.26	<0.01	25	13.2	50	4.86	42.2	4.08	11.5	0.16	1	<0.01	0.037	1.51	12.2	51.4
RC07MO_03R	386	388	208557	0.001	0.01	3.47	0.6	<0.2	<10	290	0.82	0.46	0.9	0.01	19.75	14.6	55	6.63	45.5	4.31	13.8	0.19	1.12	<0.01	0.049	1.99	9.8	51.6
RC07MO_03R	388	390	208558	0.001	<0.01	2.9	4.3	<0.2	<10	260	0.88	0.24	6.17	0.02	21.4	12.5	46	5.73	26.5	3.91	12.15	0.24	0.79	<0.01	0.041	1.75	10.4	39.8
RC07MO_03R	390	392	208559	0.003	0.04	2.36	9.1	<0.2	<10	120	1.03	0.15	1.91	0.01	10.95	11.4	35	2.37	31.7	3.47	8.79	0.07	1.11	<0.01	0.029	0.88	5.3	30.4
RC07MO_03R	392	394	208560	0.002	0.01	3.06	0.6	<0.2	<10	180	1.16	0.43	0.35	<0.01	24.4	14.4	46	4.94	41	4	11.35	0.15	1.26	<0.01	0.03	1.5	11.9	42.4
RC07MO_03R	394	396	208561	0.001	0.01	3.22	6.9	<0.2	<10	220	1.2	0.39	4.11	0.02	28.3	14.9	47	6.04	18.7	4.11	12.75	0.19	1.05	<0.01	0.043	1.67	13.7	46.6
RC07MO_03R	396	398	208562	0.002	0.03	3.21	1.8	<0.2	<10	200	1.28	0.29	2.73	0.06	19.75	13.3	48	4.68	31.4	4.14	12.4	0.16	1.06	<0.01	0.04	1.38	10.1	48.7
RC07MO_03R	398	400	208563	0.001	0.01	3.59	0.3	<0.2	<10	300	0.8	0.19	1.33	0.01	36.7	12.2	55	6.3	24.5	4.33	14.5	0.24	1.08	<0.01	0.052	1.94	17.7	54.9
RC07MO_04	0	2	208564	0.002	0.04	3.06	11.2	<0.2	110	470	1.26	0.28	5.6	0.03	46.6	11.3	31	2.21	31.3	3.05	9.42	0.1	0.66	<0.01	0.036	0.57	20.6	22.3
RC07MO_04	2	4	208565	<0.001	0.05	3.14	5.7	<0.2	110	220	1.68	0.36	1.27	0.01	57.6	12.3	37	1.94	33	3.62	9.82	0.11	0.58	<0.01	0.039	0.6	24	19.1
RC07MO_04	4	6	208566	<0.001	0.04	3.4	5.2	<0.2	110	360	1.93	0.38	2.16	0.01	79.9	14.5	38	2.02	40.8	3.74	10.8	0.13	0.6	<0.01	0.043	0.63	38.6	21.3
RC07MO_04	6	8	208567	<0.001	0.03	2.48	4.5	<0.2	80	160	1.66	0.34	2.23	0.02	81	12.3	31	1.68	32.2	3.27	8.43	0.12	0.56	<0.01	0.034	0.5	38.1	14.1
RC07MO_04	8	10	208568	<0.001	0.02	2.26	4.4	<0.2	50	130	1.74	0.34	0.77	0.01	85.3	12.7	29	1.55	29.5	3.2	7.78	0.12	0.52	<0.01	0.032	0.46	37.3	14.7
RC07MO_04	10	12	208569	<0.001	0.04	2.11	6.7	<0.2	50	130	1.77	0.32	4.39	0.02	98.4	18	30	1.48	26.8	3.27	7.68	0.16	0.57	0.04	0.033	0.43	49.3	12.9
RC07MO_04	12	14	208570	<0.001	0.02	2.19	5.9	<0.2	40	180	1.27	0.29	3.07	0.01	58.3	8.4	29	1.56	24.9	3.12	7.29	0.13	0.55	0.03	0.035	0.48	27.1	12
RC07MO_04	14	16	208571	<0.001	0.01	1.83	3.5	<0.2	20	80	1.05	0.23	4.99	0.01	56	5.8	24	1.4	16.8	2.45	6.06	0.12	0.55	0.02	0.027	0.4	25.8	9.3
RC07MO_04	16	18	208572	<0.001	0.01	1.9	4.5	<0.2	20	60	0.74	0.3	1.02	0.01	39.1	5.5	30	1.5	20	3.19	6.69	0.1	0.56	0.01	0.029	0.4	18.4	9.8
RC07MO_04	18	20	208573	<0.001	0.01	1.53	4.1	<0.2	10	60	0.58	0.28	0.55	0.01	40.8	5.1	27	1.43	18.6	3.04	5.54	0.11	0.53	0.01	0.023	0.37	20	8.1
RC07MO_04	20	22	208574	<0.001	0.03	2.51	4.4	<0.2	10	90	0.91	0.24	0.22	0.01	53.8	5.6	33	2	18.3	2.96	7.46	0.13	0.62	<0.01	0.029	0.57	25.7	13.5
RC07MO_04	22	24	208575	<0.001	0.02	1.22	6.3	<0.2	10	1040	0.77	0.24	0.69	0.03	45.1	6.7	29	1.1	14.8	3.59	4.44	0.12	0.49	0.02	0.021	0.28	21.3	6.7
RC07MO_04	24	26	208576	<0.001	0.02	1.16	6.1	<0.2	10	370	0.86	0.24	0.82	0.02	44.8	7.8	27	1.09	15	3.22	4.26	0.11	0.43	0.03	0.022	0.26	21.7	6.9
RC07MO_04	26	28	208577	<0.001	0.02	2.03	5	<0.2	10	270	1.07	0.22	0.12	0.01	62.5	7.6	27	1.71	15.6	2.8	6.19	0.13	0.57	0.03	0.026	0.43	27.7	12.1
RC07MO_04	28	30	208578	<0.001	0.02	0.81	7.3	<0.2	<10	510	0.67	0.23	4.94	0.19	29.7	5.9	26	0.91	11.4	3.66	3.51	0.1	0.43	0.02	0.02	0.19	15.2	4.4
RC07MO_04	30	32	208579	<0.001	0.02	0.7	9.4	<0.2	<10	400	0.64	0.27	2.63	0.07	29.2	6.6	35	0.73	15.3	4.64	3.56	0.11	0.45	0.02	0.02	0.16	15.6	3.7
RC07MO_04	32	34	208580	0.003	0.02	1.28	11	<0.2	10	440	0.84	0.34	1.04	0.03	44.7	10.9	36	1.1	16.8	4.94	4.98	0.12	0.54	0.03	0.026	0.26	19.7	6.8
RC07MO_04	34	36	208581	0.003	0.02	1.05	8.4	<0.2	10	530	0.67	0.25	1.9	0.05	38.2	9.2	31	0.83	12.9	4.19	3.65	0.11	0.43	0.03	0.034	0.24	20.1	4.4
RC07MO_04	36	38	208582	0.002	0.02	0.84	12.4	<0.2	<10	650	0.63	0.35	0.1	0.02	36.8	7.3	37	0.68	14.6	5.31	3.98	0.13	0.54	0.02	0.022	0.17	19.3	3.8
RC07MO_04	38	40	208583	<0.001	0.02	2.21	8.2	<0.2	20	490	0.77	0.34	0.44	0.02	30.2	4.4	42	0.99	15.5	4.69	7.11	0.11	0.35	0.01	0.049	0.28	12.9	13.1
RC07MO_04	40	42	208584	<0.001	0.01	3.21	7.3	<0.2	30	430	2.53	0.34	0.18	0.01	147.5	5.7	39	1.18	21.3	4.31	9.99	0.2	0.36	0.01	0.141	0.39	55.6	25.5
RC07MO_04	42	44	208585	0.001	0.01	2.39	16.8	<0.2	20	130	4.23	0.34	0.15	<0.01	144	14	37	1.5	20.8	4.65	9.78	0.31	0.48	0.01	0.061	0.36	115.5	14.5
RC07MO_04	44	46	208586	0.001	0.01	1.65	24	<0.2	10	180	1.22	0.15	13.45	0.11	57.6	16.2	33	1.97	15.4	2.78	5.31	0.12	0.62	0.01	0.031	0.44	29.7	9.9
RC07MO_04	46	48	208587	0.003	0.01	2.11	13.8	<0.2	<10	110	2.15	0.34	0.16	0.02	74.8	24.2	43	2.85	31.8	4.07	6.5	0.17	1.37	0.01	0.02	1.02	34.3	14.5
RC07MO_04	48	50	208588	0.001	0.01	1.84	10	<0.2	<10	90	2.11	0.26	0.06	0.01	62	24	31	2.04	37.8	3.86	5.84	0.16	1.29	0.01	0.02	0.88	30.3	12.2
RC07MO_04	50	52	208589	0.001	0.01	1.69	9.4	<0.2	10	130	1.65	0.37	0.05	0.02	81.8	25.6	21	0.95	30.7	3.67	4.39	0.15	1.09	0.01	0.022	0.68	40.6	6.4
RC07MO_04	52	54	208590	<0.001	0.02	1.29	8.4	<0.2	10	160	1.38	0.48	0.12	0.02	80.2	28.6	17	0.89	27.6	3.45	3.59	0.15	0.99	<0.01	0.019	0.57	39.4	5.6
RC07MO_04	54	56	208591	<0.001	0.02	1.4	9.2	<0.2	10	150	1.76	0.53	0.06	0.03	74.5	30	16	0.9	23.8	3.91	3.97	0.16	0.93	<0.01	0.022	0.61	37.5	5.1
RC07MO_04	56	58	208592	<0.001	0.01	1.54	7.5	<0.2	<10	130	1.5	0.28	0.06	0.02	67.1	28.4	21	0.81	36.5	3.12	4.58	0.14	0.93	<0.01	0.017	0.66	33.4	7.2
RC07MO_04	58	60	208593	0.001	0.01	2.27	7.8	<0.2	<10	150	1.6	0.23	0.08	0.02	81.5	28	31	1.29	34.8	3.69	6.63	0.17	1.16	0.01	0.023	0.91	40.4	11.9
RC07MO_04	60	62	208594	0.002	0.01	2.23	8.3	<0.2	<10	120	1.5	0.84	0.19	0.01	72.1	23	37	2.78	42	4.3	7.05	0.19	0.52	0.01	0.021	1.13	35.1	14.1
RC07MO_04	62	64	208595	0.003	0.01	2.29	7.8	<0.2	<10	110	1.52	0.76	0.18	0.02	65.5	23.1	36	3.01	51.8	4.71	7.16	0.19	0.33	0.01	0.024	1.07	33	13
RC07MO_04	64	66	208596	0.001	0.01	1.53	5.9	<0.2	<10	80	1.26	0.38	0.18	0.02	58.6	14.8	26	2.05	33.6	3.54	5.89	0.16	0.8	0.01	0.024	0.74	29.9	9.3
RC07MO_04	66	68	208597	<0.001	0.01	1.66	5.6	<0.2	<10	70	1.53	0.18	0.07	0.01	83.7	17.1	20	0.8	13.1	3.07	5.66	0.15	1.05	<0.01	0.022	0.45	44.1	9.3
RC07MO_04	68	70	208598	0.001	0.01	1.57	5.6	<0.2	<10	80	1.25	0.12	0.13	0.01	64.6	20.5	22	1.1	20.7	2.51	4.57	0.14	1.06	0.01	0.019	0.63	32.6	9.5
RC07MO_04	70	72	208599	0.003	0.01	1.71	5.3	<0.2	<10	90	1.33	0.15	0.15	0.01	61.9	14	29	1.96	26.2	3.46	5.17	0.17	1.14	0.04	0.019	0.73	30.4	12.7
RC07MO_04	72	74	208600	0.002	0.01	2.02	4	<0.2	<10	130	1.28	0.17	0.21	0.01	75.4	14.8	33	2.73	28.6	3.69	6.12	0.17	1.22	0.03	0.023	0.88	36.8	14
RC07MO_04	74	76	208601	0.002	0.01	2	2.6	<0.2	<10	130	1.24	0.19	0.27	0.04	65.6	15.4	34	2.48	34.1	3.4	6.13	0.16	1.17	0.04	0.021	0.8	32.2	14.3
RC07MO_04	76	78	208602	0.001	0.01	1.86	6.2	<0.2	<10	110	1	0.19	0.76	0.01	45.4	14.8	31	2.91	26.5	3.04	5.45	0.13	1.05	0.01	0.021	0.87	22	12.8
RC07MO_04	78	80	208603	0.002	0.01	2.31	7.3	<0.2	<10	180	1.3	0.19	0.28	0.12	64.3	31.2	38	4.86	27.3	3.41	6.65	0.17	1.23	0.04	0.023	1.17	30.9	17.1

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
384	386	208556	2.45	331	0.7	0.06	0.05	29.5	460	1.2	93.7	<0.001	0.27	0.21	6.8	0.5	1.5	13.6	<0.01	0.02	13.5	0.181	0.45	1.3	53	0.2	9.78	49	27.6
386	388	208557	2.68	514	0.81	0.08	0.05	31.3	560	0.7	125	<0.001	0.27	0.17	9.5	0.5	2	22.6	<0.01	0.03	13.5	0.218	0.57	1.35	65	0.35	9.8	44	31.8
388	390	208558	3.37	2130	1.28	0.05	<0.05	23	570	0.6	110.5	<0.001	0.16	0.07	9.8	0.5	1.8	92.7	<0.01	0.03	10.6	0.174	0.47	1.03	63	0.37	9.88	23	23.1
390	392	208559	2.28	587	0.99	0.04	<0.05	24.3	440	2.1	51.7	<0.001	0.26	0.25	4.6	0.4	0.9	38.9	<0.01	0.02	13.2	0.069	0.24	1.37	34	0.19	8.28	15	29.7
392	394	208560	2.56	237	0.51	0.04	<0.05	35.1	510	0.8	93.6	<0.001	0.29	0.18	5.9	0.5	1.2	12.9	<0.01	0.04	14.7	0.152	0.46	1.43	48	0.14	8.6	18	33
394	396	208561	3.2	1610	0.73	0.05	<0.05	27.9	650	0.7	107	<0.001	0.14	0.12	9.4	0.6	1.6	62.6	<0.01	0.04	12	0.168	0.49	1.24	66	0.39	10.95	26	28.1
396	398	208562	2.84	1010	1.35	0.06	<0.05	28.3	530	1.4	85.4	<0.001	0.2	0.13	7.9	0.5	1.5	40.3	<0.01	0.04	13.1	0.142	0.38	1.33	56	0.12	10.2	39	28.4
398	400	208563	2.81	488	0.6	0.07	0.06	30.5	490	0.8	119.5	<0.001	0.15	0.14	9.6	0.6	2.2	26.9	0.01	0.03	13.8	0.229	0.55	1.41	64	0.22	13.05	35	29.4
0	2	208564	0.77	343	3.2	0.26	0.15	17.7	230	13.1	36.2	<0.001	0.57	0.75	6.5	1.1	1.1	463	<0.01	0.39	8.9	0.026	0.21	2.48	100	1.59	12.3	38	16.8
2	4	208565	0.62	368	2.19	0.28	<0.05	19.6	180	16.1	35.7	<0.001	0.72	0.32	7.5	0.6	1.2	1230	<0.01	0.17	10.7	0.018	0.2	3.54	55	0.23	12.9	36	16.2
4	6	208566	0.56	356	3.12	0.28	<0.05	23	140	17.4	40.1	<0.001	0.1	0.34	8.7	0.8	1.3	207	<0.01	0.13	13.6	0.018	0.23	3.02	53	0.56	20.1	31	16.6
6	8	208567	0.68	441	2.36	0.2	<0.05	19.3	120	15.1	32.1	<0.001	0.05	0.33	7	0.7	1	68.7	<0.01	0.1	12	0.018	0.18	3.6	43	0.48	17.2	33	15.4
8	10	208568	0.47	355	0.79	0.14	<0.05	15.6	100	14.7	31.7	<0.001	0.04	0.32	6.4	0.5	0.9	41	<0.01	0.06	12.2	0.019	0.19	3.44	41	0.13	10.25	33	14.6
10	12	208569	0.98	235	0.74	0.15	<0.05	14.8	100	15.5	35.7	0.001	0.05	0.32	7.8	0.9	0.9	107	0.01	0.04	10.4	0.017	0.18	2.69	41	0.11	24.4	31	14.4
12	14	208570	1.07	159	0.67	0.12	<0.05	13.3	100	14.1	36.8	<0.001	0.05	0.35	7.2	0.6	0.9	94.7	0.01	0.04	9.8	0.018	0.17	1.76	41	0.22	12.1	28	14
14	16	208571	1.69	79	0.64	0.07	<0.05	7.9	80	11	32.7	<0.001	0.04	0.34	6.4	0.9	0.8	120	0.01	0.03	8.8	0.018	0.15	1.5	34	0.11	16.65	24	13.7
16	18	208572	0.49	67	0.47	0.08	<0.05	12.4	90	9.3	33.9	<0.001	0.03	0.34	6.5	0.4	0.8	31.5	<0.01	0.02	10.6	0.019	0.17	1.3	40	0.06	4.04	28	14.2
18	20	208573	0.26	65	0.43	0.06	<0.05	12.1	90	8.6	30.2	<0.001	0.04	0.31	5.8	0.3	0.7	20.3	<0.01	0.02	10.3	0.019	0.15	0.93	37	0.12	3.7	26	12.9
20	22	208574	0.33	85	0.55	0.06	0.05	14	100	8.3	43.2	<0.001	0.04	0.33	7.2	0.4	1.1	20	<0.01	0.02	9.8	0.026	0.21	0.83	43	0.34	4.89	28	15.8
22	24	208575	0.18	194	1.35	0.04	0.06	12.4	110	10.2	20.4	<0.001	0.06	0.54	4.2	0.4	0.6	31.7	<0.01	0.02	6.8	0.019	0.12	0.73	41	0.41	5.98	19	13.2
24	26	208576	0.18	162	1.33	0.03	0.05	13.3	110	10.7	19	<0.001	0.04	0.48	4	0.4	0.6	23.6	<0.01	0.02	6.5	0.016	0.1	0.66	37	0.97	6.04	18	11.6
26	28	208577	0.22	118	0.62	0.03	0.05	13	110	9.5	32.8	<0.001	0.04	0.43	5.6	0.5	0.9	17.7	<0.01	0.02	8.6	0.022	0.16	0.74	39	0.16	6.35	22	14.9
28	30	208578	0.22	137	0.93	0.02	0.06	7.7	120	9.4	15.2	<0.001	0.06	0.63	3.2	0.5	0.5	51.6	<0.01	0.03	5.9	0.015	0.09	0.73	41	2.32	8.07	14	12
30	32	208579	0.15	235	2.88	0.02	0.11	11.2	130	11.4	12.4	<0.001	0.05	0.84	3.1	0.4	0.6	34.6	<0.01	0.03	5.9	0.015	0.09	0.8	50	1.53	5.28	17	12.7
32	34	208580	0.17	285	1.82	0.02	0.08	14.6	130	16	20.6	0.001	0.05	0.89	4.3	0.5	0.8	26.4	<0.01	0.03	7.4	0.018	0.13	0.91	56	0.78	5.43	14	15.6
34	36	208581	0.18	278	1.54	0.03	0.05	10.7	120	11.5	16.4	0.001	0.05	0.65	3.4	0.4	0.6	27.6	<0.01	0.02	6.5	0.017	0.09	0.78	47	2.91	5.59	13	12.1
36	38	208582	0.1	320	1.45	0.02	0.1	12.4	120	13.6	13.1	<0.001	0.05	0.98	3.3	0.5	0.6	19.7	<0.01	0.03	7.5	0.018	0.09	1	64	0.5	5.74	10	15.6
38	40	208583	0.24	77	1.39	0.07	<0.05	9.9	60	14.3	22.3	<0.001	0.05	0.42	8.4	0.4	1.5	40.1	<0.01	0.02	11.7	0.007	0.12	1.09	67	0.17	4.28	8	8.5
40	42	208584	0.27	82	0.83	0.08	<0.05	11.8	40	20.2	32	<0.001	0.05	0.34	9.7	0.9	1.7	40.8	0.01	0.02	13.2	0.007	0.16	1.74	71	0.12	14.45	9	8.4
42	44	208585	0.34	307	0.81	0.06	<0.05	16.6	60	21.5	36.9	0.001	0.04	0.32	8.2	1.8	1.6	34.5	0.02	0.02	14.5	0.008	0.18	1.8	78	0.09	33.6	27	10.3
44	46	208586	2.2	1020	0.85	0.05	0.08	14.1	90	5.9	55	0.001	0.05	0.31	6.8	1.2	0.9	207	0.01	0.06	10.5	0.023	0.26	0.87	61	0.2	34.1	29	15.6
46	48	208587	1.02	291	1.38	0.02	0.18	44	220	1.9	126.5	<0.001	0.04	0.29	3.9	0.6	0.9	15.5	<0.01	0.02	14.9	0.096	0.38	1.2	53	0.84	9.33	33	30.6
48	50	208588	0.86	258	0.58	0.02	0.12	42.7	240	1.1	83	<0.001	0.04	0.23	3.7	0.5	0.6	12.4	<0.01	0.02	15.2	0.063	0.26	1.31	40	0.2	8.2	25	30.9
50	52	208589	0.42	370	0.64	0.02	0.06	33.7	210	1.8	41.3	<0.001	0.03	0.33	3.8	0.5	0.6	12.9	<0.01	0.02	15.7	0.017	0.17	1.25	30	0.21	9.77	16	30
52	54	208590	0.38	682	0.75	0.02	0.07	32.4	210	1.8	36	<0.001	0.04	0.3	3.2	0.6	0.5	16.4	<0.01	0.03	14.5	0.016	0.16	1.1	24	0.47	9.15	14	27.1
54	56	208591	0.28	733	0.86	0.02	0.06	35.1	240	2.4	34.5	<0.001	0.04	0.47	3.7	0.6	0.6	17.8	0.01	0.02	15.3	0.01	0.15	1.39	26	0.23	9.4	10	26.9
56	58	208592	0.54	714	0.58	0.03	<0.05	37.4	220	1.4	37	<0.001	0.05	0.26	3.7	0.5	0.4	18	<0.01	0.02	14.7	0.009	0.14	1.24	25	0.19	8.69	14	26.9
58	60	208593	0.78	506	0.46	0.03	0.06	40.4	320	1.2	46.7	<0.001	0.04	0.2	4.9	0.6	0.7	18.3	0.01	0.02	15.9	0.027	0.18	1.37	35	0.84	9.99	13	33.4
60	62	208594	1.12	220	0.54	0.02	0.16	43.7	800	1	73.5	<0.001	0.04	0.19	4.4	0.6	0.9	19.3	0.01	0.02	16.4	0.091	0.33	1.25	40	0.29	10.55	11	17
62	64	208595	0.98	243	0.43	0.03	0.17	44.3	820	1.2	69.3	<0.001	0.04	0.23	5	0.7	0.9	20	0.01	0.02	15.7	0.084	0.31	1.46	42	0.34	11.65	8	13.5
64	66	208596	0.64	148	0.57	0.03	0.2	35.3	750	1.1	49.4	<0.001	0.04	0.21	5.6	0.7	0.7	19.4	0.01	0.03	15.8	0.054	0.21	1.17	33	0.51	11.1	5	25.6
66	68	208597	0.34	127	0.72	0.04	0.08	22.4	300	2.4	28.1	<0.001	0.06	0.36	7.1	1	0.7	40.7	0.01	0.06	15.8	0.018	0.12	1.01	36	0.18	11.05	4	27.5
68	70	208598	0.53	76	0.7	0.03	0.09	26.5	450	1.5	40.5	<0.001	0.05	0.2	4.4	0.9	0.6	20.3	<0.01	0.04	14.6	0.023	0.15	0.79	29	0.2	9.97	4	27.7
70	72	208599	0.94	108	0.76	0.02	0.15	35.5	570	1.3	57.7	<0.001	0.04	0.2	3.7	0.7	0.7	16.8	<0.01	0.02	13.3	0.052	0.2	0.87	33	0.46	8.82	6	29.4
72	74	208600	1.22	141	1.49	0.02	0.16	33.1	540	1.4	66.7	<0.001	0.04	0.23	4.2	0.7	0.9	17.2	0.01	0.02	13.4	0.085	0.28	0.85	42	0.33	9.04	9	29.9
74	76	208601	1.36	331	1.06	0.02	0.19	29.5	550	1	57	<0.001	0.04	0.19	3.9	0.6	0.9	14.1	0.01	0.01	13.8	0.091	0.27	0.94	42	0.23	8.24	8	26.6
76	78	208602	1.51	330	1.67	0.02	0.18	25.6	510	0.8	63	0.001	0.09	0.16	3.7	0.6	0.8	20.1	<0.01	0.01	12	0.113	0.31	1.31	40	0.4	7.24	8	22.4
78	80	208603	1.66	1110	1.4	0.02	0.18	37	580	0.8	88.8	<0.001	0.05	0.16	4.1	0.6	1.1	26.4	<0.01	0.02	13.7	0.138	0.46	1.89	49	0.29	8.6	11	27.7

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_04	80	82	208604	0.001	<0.01	2.61	6.8	<0.2	10	170	1.17	0.12	0.17	0.12	63.8	32.3	40	3.92	14.4	3.63	7.29	0.12	1.12	0.04	0.024	1.12	28.7	18.5
RC07MO_04	82	84	208605	<0.001	<0.01	2.49	7.7	<0.2	10	130	1.03	0.07	0.72	0.05	66.4	23.3	41	3.23	5.9	3.56	7.15	0.12	1.08	0.03	0.024	1.04	29.6	19.5
RC07MO_04	84	86	208606	0.001	<0.01	2.89	7.4	<0.2	10	160	1.35	0.12	0.54	0.01	58.5	17.8	56	2.14	12.2	4	8.56	0.12	1.16	0.01	0.025	1.02	26.7	23.2
RC07MO_04	86	88	208607	<0.001	<0.01	2.73	11.1	<0.2	10	120	1.14	0.13	0.39	0.05	57.6	26.1	54	1.59	22.7	3.82	8.25	0.11	1.07	0.01	0.023	0.79	26.1	23.6
RC07MO_04	88	90	208608	<0.001	<0.01	2.96	3.3	<0.2	10	150	1.41	0.08	0.61	0.01	67.1	17.8	47	2.48	36.1	4.2	8.79	0.13	1.18	<0.01	0.027	1.12	30.8	23.7
RC07MO_04	90	92	208609	<0.001	<0.01	3	18.5	<0.2	10	150	1.22	0.08	1.23	0.02	75	28.1	45	2.45	7.8	4.1	9.17	0.13	1.07	<0.01	0.027	1.03	34.2	26.7
RC07MO_04	92	94	208610	<0.001	<0.01	2.43	17.1	<0.2	10	120	1.32	0.09	5.3	0.04	60.4	25.3	35	2.89	9.1	4.4	7.33	0.11	1.15	<0.01	0.026	0.91	28	19.9
RC07MO_04	94	96	208611	<0.001	<0.01	2.64	10.7	<0.2	10	100	1.22	0.05	3.44	0.03	31.4	20.1	36	2.3	11.8	3.99	7.78	0.08	1.05	<0.01	0.023	0.67	15.4	22.6
RC07MO_04	96	98	208612	<0.001	<0.01	2.07	4.7	<0.2	10	90	0.97	0.05	4.36	0.02	99.9	14.6	28	1.88	8.8	3.47	6.83	0.12	1.03	<0.01	0.022	0.73	48.5	17.3
RC07MO_04	98	100	208613	<0.001	<0.01	3.4	35.1	<0.2	10	150	1.14	0.18	4.45	0.05	42.9	34.6	48	5.44	12.1	4.99	10.7	0.14	1.06	<0.01	0.03	1.24	19.4	28.7
RC07MO_04	100	102	208614	<0.001	<0.01	3.26	10	<0.2	10	120	1	0.09	4.18	0.03	52.9	16.7	46	5.08	18	4.59	10.45	0.15	0.91	<0.01	0.031	1.05	23.9	31.3
RC07MO_04	102	104	208615	0.001	<0.01	3.36	12.6	<0.2	<10	140	1.08	0.13	4.13	0.04	62.3	18.4	44	4.14	33.7	4.5	10.2	0.14	1.01	<0.01	0.041	1.09	29	34.2
RC07MO_04	104	106	208616	0.001	<0.01	2.95	8.9	<0.2	<10	120	1.06	0.09	3.67	0.03	57.6	15.8	38	3.25	30.4	4.06	8.99	0.11	0.99	<0.01	0.035	1.02	26.5	30.6
RC07MO_04	106	108	208617	0.001	<0.01	2.72	7.8	<0.2	10	120	0.97	0.07	5.23	0.03	42.7	13.1	39	5.12	9.9	3.91	8.67	0.12	0.93	<0.01	0.02	1.01	19.7	26.4
RC07MO_04	108	110	208618	0.002	<0.01	3.09	14.2	<0.2	<10	120	1.06	0.29	4.62	0.04	47.8	19.7	44	5.73	34.7	4.41	9.72	0.12	0.89	<0.01	0.031	1.02	21.5	31.6
RC07MO_04	110	112	208619	0.001	<0.01	2.82	2.8	<0.2	10	170	1.25	0.08	3.55	0.02	46.5	12.6	39	3.18	50.6	3.39	9.08	0.09	1.13	<0.01	0.029	1.06	21.4	26.1
RC07MO_04	112	114	208620	0.002	<0.01	3.05	10.1	<0.2	10	140	1.19	0.13	4.41	0.04	54.1	16.4	42	4.52	24.7	4.08	9.4	0.1	1.09	<0.01	0.036	1.03	24.6	31.1
RC07MO_04	114	116	208621	0.002	<0.01	2.53	12.6	<0.2	10	100	1.07	0.12	5.46	0.04	40	16.8	34	4.19	19.3	3.96	7.68	0.09	0.89	<0.01	0.031	0.88	18.3	27
RC07MO_04	116	118	208622	0.002	<0.01	3.16	7.8	<0.2	10	120	1.11	0.25	4.11	0.03	56.5	18.9	42	5.21	39.3	4.39	9.55	0.12	1.04	<0.01	0.037	1.02	25.8	34
RC07MO_04	118	120	208623	0.001	<0.01	2.94	9.6	<0.2	10	120	1.11	0.15	3.27	0.03	34.5	19.5	40	3.21	24.4	4.03	8.89	0.1	1	<0.01	0.031	0.9	16	31.5
RC07MO_04	120	122	208624	0.002	<0.01	3.51	3.7	<0.2	10	180	1.29	0.14	3.95	0.04	70	15.4	47	4.51	18	4.55	10.7	0.12	1.23	<0.01	0.039	1.23	31.5	33.3
RC07MO_04	122	124	208625	0.005	<0.01	3.09	4.5	<0.2	<10	140	1.13	0.62	3.36	0.03	45.2	19.1	42	3.41	51.8	4.47	9.16	0.12	1.02	<0.01	0.034	1.02	20.2	31.2
RC07MO_04	124	126	208626	0.004	<0.01	3.02	9.9	<0.2	10	140	1.21	0.16	3	0.03	37.3	18.4	43	3.21	27.8	4.18	9.14	0.11	1.03	<0.01	0.029	1.01	16.9	29.9
RC07MO_04	126	128	208627	0.004	0.02	2.09	16.8	<0.2	<10	100	0.99	0.29	4.12	0.03	38.4	31.7	37	2.96	48.2	3.56	7.79	0.09	1.02	<0.01	0.028	0.77	17.5	20.2
RC07MO_04	128	130	208628	0.003	<0.01	2.94	11.1	<0.2	<10	140	1.04	0.1	3.79	0.04	46.6	17.7	44	5.2	21.2	4.3	9.38	0.12	1.04	<0.01	0.03	1.16	20.2	29.8
RC07MO_04	130	132	208629	0.002	<0.01	3.03	13.1	<0.2	<10	140	1.23	0.11	4.1	0.07	48.5	19	43	4.73	9.1	4.27	9.47	0.11	1.02	<0.01	0.032	1.09	21.4	31.2
RC07MO_04	132	134	208630	0.004	<0.01	3.36	5.9	<0.2	<10	150	1.3	0.1	4.24	0.03	55.1	15.9	45	3.66	18.2	4.85	10.1	0.12	1.01	<0.01	0.033	1.18	25.6	36.8
RC07MO_04	134	136	208631	0.001	<0.01	3.04	12.7	<0.2	<10	130	1.13	0.28	4.5	0.03	49.3	20.8	45	4.49	23.1	4.56	9.69	0.13	0.9	<0.01	0.033	1.11	22.3	34
RC07MO_04	136	138	208632	<0.001	<0.01	2.95	4.1	<0.2	<10	160	1.15	0.22	4.03	0.04	37.8	16.8	47	4.92	37.2	4.54	9.68	0.13	1.16	<0.01	0.032	1.21	17.3	30.8
RC07MO_04	138	140	208633	0.004	<0.01	3.53	9.5	<0.2	<10	200	1.12	0.37	2.87	0.02	30.6	23	54	5.33	38.1	4.79	11.35	0.16	1.3	<0.01	0.04	1.5	14	39.7
RC07MO_04	140	142	208634	0.006	0.01	3.64	17.8	<0.2	<10	190	1.14	0.53	3.57	0.02	37.5	27.8	53	4.95	37.4	4.99	11.3	0.18	1	<0.01	0.043	1.48	17	40
RC07MO_04	142	144	208635	0.002	<0.01	3.78	6.5	<0.2	<10	210	1.08	0.3	2.05	0.01	28.8	19.2	55	4.45	22.5	4.94	11.8	0.14	1.18	<0.01	0.041	1.53	13.2	41.2
RC07MO_04	144	146	208636	0.002	<0.01	3.52	10.1	<0.2	<10	190	1.17	0.25	1.38	<0.01	46	24.1	56	4.68	49	4.68	11.35	0.14	1.22	<0.01	0.049	1.38	21.1	42.3
RC07MO_04	146	148	208637	0.006	<0.01	3.62	14.6	<0.2	<10	200	1.12	0.23	2.39	0.02	64.5	26.2	56	5.55	43.6	4.97	11.65	0.17	1.31	<0.01	0.048	1.58	29.4	43
RC07MO_04	148	150	208638	0.007	<0.01	3.76	20.6	<0.2	<10	210	1.07	0.27	1.67	0.02	49.7	31.3	58	5.6	52.6	4.87	12.05	0.17	1.31	<0.01	0.04	1.58	22.4	44.7
RC07MO_04	150	152	208639	0.005	0.01	3.6	9	<0.2	<10	190	1.04	0.24	2.65	0.03	50.8	21.2	52	5.08	29.4	4.7	11.2	0.16	1.21	<0.01	0.048	1.46	24.6	42.2
RC07MO_04	152	154	208640	0.005	0.01	3.54	7.5	<0.2	<10	190	0.97	0.3	2.48	0.03	50.4	21.1	53	5.41	32.9	4.68	11.4	0.2	1.15	<0.01	0.047	1.44	24.6	44.3
RC07MO_04	154	156	208641	0.005	0.18	3.12	4.5	<0.2	<10	200	0.95	0.15	2.76	0.03	43.5	16.8	47	4.12	35.8	4.31	9.72	0.14	1.12	<0.01	0.048	1.48	21	34.4
RC07MO_04	156	158	208642	0.002	0.01	3.31	3.5	<0.2	<10	180	0.96	0.23	3.08	0.05	28.8	17.3	50	4.9	32.4	4.46	10.35	0.15	1.13	<0.01	0.046	1.32	14.1	39.4
RC07MO_04	158	160	208643	0.004	0.01	3.34	9	<0.2	<10	180	0.97	0.69	2.56	0.04	51.8	22.2	51	4.36	51.4	4.56	10.2	0.15	1.22	<0.01	0.05	1.29	25.4	38.4
RC07MO_04	160	162	208644	0.005	0.03	3.44	9.5	<0.2	<10	210	1.02	0.37	3.04	0.06	39.5	21	51	5.43	54.1	4.71	11	0.15	1.35	<0.01	0.05	1.6	19.2	40.4
RC07MO_04	162	164	208645	0.005	0.08	3.04	3.2	<0.2	<10	80	1.06	0.28	1.59	0.12	37.3	19.8	50	1.67	57.7	4.69	10.3	0.11	1.05	<0.01	0.046	0.53	18.4	51.4
RC07MO_04	164	166	208646	0.004	0.03	2.63	9.5	<0.2	<10	90	1.01	0.16	3.43	0.06	37.1	19.1	41	2.12	27.1	4.17	8.68	0.09	1.06	<0.01	0.038	0.65	18.3	40.7
RC07MO_04	166	168	208647	0.003	0.03	3.31	6.4	<0.2	<10	110	1.02	0.36	2.1	0.2	43.1	20	51	2.62	34.7	4.65	10.9	0.12	1.11	<0.01	0.045	0.71	20.9	50.8
RC07MO_04	168	170	208648	<0.001	0.03	3.54	6.4	<0.2	<10	170	0.98	0.13	1.78	0.03	47.1	18.5	52	4.73	19.8	4.66	11.2	0.17	1.31	<0.01	0.04	1.19	22.6	46.9
RC07MO_04	170	172	208649	0.003	0.02	3.65	5.9	<0.2	<10	190	0.92	0.11	2.17	0.02	47.5	16.9	52	4.79	16.2	4.64	10.9	0.17	1.23	<0.01	0.041	1.33	23	44.1
RC07MO_04	172	174	208650	0.005	0.01	3.47	10.6	<0.2	<10	200	0.91	0.13	2.54	0.02	40	17.6	49	4.45	11.9	4.57	10.2	0.15	1.22	<0.01	0.035	1.47	19.3	39.6
RC07MO_04	174	176	208651	0.004	0.19	3.61	8.2	<0.2	<10	230	1	0.1	2.09	0.01	43.1	16.4	54	4.58	19.8	4.31	10.85	0.15	0.59	<0.01	0.04	1.58	21.9	40.9

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
80	82	208604	1.8	1715	1.78	0.02	0.11	38.2	630	0.8	74.9	0.001	0.02	0.16	4.4	0.5	1	39	<0.01	0.01	12.4	0.163	0.42	2.07	49	0.26	8.41	15	24
82	84	208605	1.99	878	1.72	0.02	0.13	30.6	620	0.8	68.1	0.001	0.02	0.14	4.6	0.5	1	29.5	<0.01	0.01	12.6	0.171	0.37	2.06	49	0.35	8.31	14	22.3
84	86	208606	2.13	488	1.87	0.02	0.15	33.7	550	1	63.3	0.001	0.07	0.18	5.6	0.6	1.1	19	<0.01	0.02	12.9	0.173	0.31	1.69	65	0.24	7.67	12	24
86	88	208607	2.13	301	1.12	0.02	0.14	35.9	510	0.9	47.2	0.002	0.11	0.17	5	1	0.9	12.8	<0.01	0.02	13.6	0.139	0.25	2.41	64	0.19	7.77	12	20.4
88	90	208608	2.42	752	0.66	0.02	0.05	32.7	540	1	68.5	0.001	0.26	0.23	5.6	0.8	1.1	20.2	<0.01	0.02	13.4	0.141	0.35	2.55	56	0.27	8.96	14	23.9
90	92	208609	2.76	943	0.68	0.02	<0.05	32.4	610	1	64	0.002	0.04	0.12	5.7	0.7	1	28.3	<0.01	0.02	13.8	0.12	0.31	1.99	51	0.12	9.33	15	21.9
92	94	208610	4.25	2390	0.6	0.03	<0.05	23.7	800	0.9	51	0.001	0.03	0.09	6.5	0.6	0.8	109	<0.01	0.03	10.9	0.089	0.25	0.98	50	0.23	11.6	14	26.7
94	96	208611	3.66	1395	0.54	0.02	<0.05	24.7	660	1.5	36.7	0.001	0.04	0.1	6	0.7	0.7	64.7	<0.01	0.01	9.7	0.06	0.19	0.75	44	0.13	10.35	13	23.2
96	98	208612	3.69	1150	0.51	0.02	<0.05	20.7	610	0.8	40	0.001	0.09	0.09	7	0.9	0.6	88.7	<0.01	0.02	9	0.064	0.19	1.06	37	0.2	12.2	8	22
98	100	208613	4.96	1145	0.6	0.03	<0.05	30.4	820	1.1	75.2	0.002	0.1	0.1	9.2	0.7	1	98.2	<0.01	0.06	12	0.132	0.38	2.13	68	0.23	10.2	16	22.9
100	102	208614	4.87	1055	0.5	0.02	<0.05	28.2	730	0.9	65.2	0.001	0.12	0.1	9.2	0.5	0.9	94.5	<0.01	0.03	11.8	0.108	0.35	1.58	67	0.09	10.5	20	19.6
102	104	208615	4.94	1035	0.58	0.03	<0.05	27	780	0.9	64.9	0.002	0.09	0.11	8.3	0.5	1	109.5	<0.01	0.04	12.6	0.108	0.35	2.25	61	0.1	11.55	23	21.2
104	106	208616	4.32	865	0.46	0.02	<0.05	25.6	740	0.8	59.5	0.001	0.08	0.1	7	0.5	0.9	98.5	<0.01	0.02	12.9	0.099	0.31	1.55	51	0.26	10.75	19	19.8
106	108	208617	4.96	1005	0.47	0.03	<0.05	22.6	730	0.7	61	0.001	0.04	0.07	8	0.4	0.8	134.5	<0.01	0.01	10.6	0.097	0.32	1.43	57	0.1	10	14	21
108	110	208618	4.99	995	0.43	0.03	<0.05	25.2	760	1	63.4	0.001	0.1	0.12	8	0.5	0.8	123.5	<0.01	0.08	12.2	0.104	0.35	1.79	61	0.09	10.55	19	19
110	112	208619	3.85	654	0.57	0.05	<0.05	33.2	640	0.9	57.8	0.002	0.17	0.13	8.8	0.6	1.1	78.7	<0.01	0.01	11.9	0.081	0.28	1.8	52	0.36	11.25	12	27.1
112	114	208620	4.65	940	0.48	0.03	<0.05	25.7	700	1	61.4	0.001	0.07	0.11	7.8	0.5	1	117.5	<0.01	0.02	12.7	0.094	0.32	2.64	56	0.11	11.6	20	25.7
114	116	208621	4.64	1165	0.63	0.03	<0.05	21	690	0.9	52.6	0.001	0.05	0.1	6.4	0.5	0.8	148.5	<0.01	0.02	11.6	0.083	0.28	1.94	44	0.09	10.8	20	21.6
116	118	208622	4.46	860	0.57	0.03	<0.05	28.8	750	1	63.6	0.001	0.19	0.13	7.4	0.5	0.9	106	<0.01	0.04	12.5	0.101	0.34	1.39	57	0.1	10.85	23	24
118	120	208623	3.91	708	0.48	0.02	<0.05	27.7	720	0.9	52.7	0.001	0.16	0.14	6.7	0.5	0.8	78.2	<0.01	0.03	12.3	0.086	0.27	1.18	49	0.08	10.05	21	25.2
120	122	208624	4.44	1000	0.68	0.04	<0.05	29.6	730	1.1	71.7	<0.001	0.11	0.11	9.4	0.5	1.2	92.4	<0.01	0.02	13.4	0.112	0.34	1.47	67	0.28	12.05	21	30.9
122	124	208625	3.9	780	0.56	0.03	<0.05	31.5	720	1	60.1	<0.001	0.33	0.14	7	0.5	0.9	65.6	<0.01	0.04	12	0.108	0.29	1.24	56	0.14	9.88	17	25.4
124	126	208626	3.72	734	0.44	0.03	<0.05	27.4	740	0.9	60.5	<0.001	0.14	0.11	6.8	0.4	0.9	62.8	<0.01	0.02	12.4	0.105	0.29	1.21	53	0.09	9.8	15	26.7
126	128	208627	3.8	719	1.45	0.04	<0.05	34.8	620	1.1	44.2	<0.001	0.69	0.16	9	0.6	0.8	72.3	<0.01	0.05	12.2	0.073	0.23	1.3	46	0.37	11.7	10	26
128	130	208628	4.12	964	0.63	0.03	<0.05	26.8	710	0.9	69	<0.001	0.11	0.1	7.9	0.5	1	73.3	<0.01	0.02	12.7	0.126	0.36	1.4	60	0.15	11.4	17	28
130	132	208629	4.18	983	0.51	0.03	<0.05	25.5	720	1.3	64.1	<0.001	0.08	0.1	7.7	0.5	1	84.3	<0.01	0.01	13	0.114	0.33	1.37	56	0.1	11.2	22	27.3
132	134	208630	4.51	1040	0.48	0.03	<0.05	25.7	770	0.9	66.3	<0.001	0.17	0.1	8	0.6	1.1	83.7	<0.01	0.01	12.5	0.128	0.32	1.2	59	0.09	11.1	16	24.9
134	136	208631	4.32	1130	0.61	0.03	<0.05	27.4	770	0.9	66.1	<0.001	0.18	0.13	7.9	0.5	1	88.1	<0.01	0.02	12.6	0.136	0.33	1.38	58	0.12	11.45	16	23.6
136	138	208632	4.07	1125	0.54	0.03	<0.05	23.7	690	1	70.7	0.001	0.26	0.12	8.7	0.5	1.1	72.6	<0.01	0.02	14.1	0.141	0.36	1.54	67	0.12	10.7	17	30.7
138	140	208633	3.86	829	0.74	0.05	<0.05	31.6	700	0.9	90	0.001	0.26	0.14	10.1	0.5	1.4	53.3	<0.01	0.04	15	0.174	0.44	1.66	76	0.18	10.35	22	34.5
140	142	208634	4.04	957	0.69	0.04	<0.05	38.5	840	1.2	86.3	0.001	0.29	0.22	10	0.6	1.4	68.7	<0.01	0.05	14.8	0.18	0.43	1.65	75	0.2	11.4	26	29.1
142	144	208635	3.65	580	0.56	0.05	<0.05	34.5	650	1.1	90.9	<0.001	0.18	0.18	10.1	0.5	1.6	44.2	<0.01	0.03	15.3	0.209	0.45	1.71	74	0.18	10.25	29	32.3
144	146	208636	3.02	354	0.52	0.05	0.06	37.9	590	1.2	80.6	0.001	0.27	0.23	9.7	0.6	1.7	31	<0.01	0.02	14.9	0.212	0.42	1.66	72	0.27	10.4	30	33.9
146	148	208637	3.41	590	0.54	0.06	0.06	38.9	650	1	93.5	0.001	0.28	0.18	10.2	0.6	1.8	51	<0.01	0.02	14.5	0.231	0.48	1.72	74	0.27	11.7	33	34.1
148	150	208638	3.36	448	0.55	0.06	0.05	39.7	650	1.2	91.5	<0.001	0.34	0.17	10.6	0.6	1.6	35.6	<0.01	0.04	15.6	0.217	0.48	1.8	76	0.18	11.05	33	36.2
150	152	208639	3.81	812	0.71	0.07	0.05	32.7	720	1.4	86.1	0.001	0.18	0.2	9.2	0.6	1.6	68.2	<0.01	0.02	14	0.191	0.39	1.92	66	0.2	11.5	34	32.3
152	154	208640	3.73	765	0.44	0.07	0.05	34.1	850	1.4	84.9	0.001	0.2	0.18	9.3	0.6	1.5	63.6	<0.01	0.02	15.5	0.192	0.4	1.9	69	0.21	11.3	35	32.1
154	156	208641	3.34	836	0.48	0.07	<0.05	32	620	1.2	85.9	0.001	0.22	0.19	8.3	0.6	1.5	73.1	<0.01	0.02	14.3	0.172	0.39	1.77	58	0.16	10.8	29	30.9
156	158	208642	3.88	1005	0.53	0.07	<0.05	29.8	680	1.5	76.4	0.001	0.2	0.19	8.5	0.5	1.4	79.1	<0.01	0.02	15.8	0.173	0.35	1.97	62	0.16	10.45	31	31.4
158	160	208643	3.59	821	0.51	0.07	0.06	38.2	650	2	73.7	0.001	0.31	0.26	8.4	0.6	1.5	67.2	<0.01	0.04	15.1	0.181	0.33	1.93	63	0.23	10.9	28	31.5
160	162	208644	3.54	855	1.15	0.09	0.06	33.6	650	2.1	96.2	0.001	0.28	0.21	9.5	0.6	1.8	79.7	<0.01	0.02	15.9	0.213	0.43	2.16	67	0.23	11.9	31	36
162	164	208645	2.94	446	1.64	0.05	<0.05	37.1	650	6.9	32.4	0.001	0.34	0.64	7.5	0.6	0.8	34.8	<0.01	0.02	15.3	0.056	0.15	1.87	53	0.1	12.75	50	28.9
164	166	208646	3.27	987	1.14	0.05	<0.05	30.8	640	2.6	36.9	0.001	0.17	0.35	6.6	0.5	0.8	84.5	<0.01	0.02	14.5	0.069	0.18	1.86	45	0.14	12.35	32	28.6
166	168	208647	3.35	632	1.14	0.05	<0.05	40.1	780	3.1	41.2	0.001	0.22	0.34	8.2	0.6	1	47.2	<0.01	0.03	15	0.092	0.2	2.1	59	0.13	11.75	74	30.5
168	170	208648	3.36	601	0.7	0.07	<0.05	36	700	2.2	71.3	0.001	0.15	0.18	8.7	0.5	1.3	42.6	<0.01	0.02	15.6	0.161	0.33	2.1	63	0.21	11.05	37	35.8
170	172	208649	3.41	634	0.47	0.08	<0.05	37.3	640	1.4	77.1	0.001	0.15	0.18	8.3	0.5	1.4	49.4	<0.01	0.01	15.4	0.172	0.34	1.98	64	0.21	10.5	31	33.2
172	174	208650	3.58	757	0.46	0.07	<0.05	33.3	700	1.6	82.1	0.001	0.13	0.16	8	0.4	1.3	57.2	<0.01	0.03	14.9	0.174	0.36	2.08	61	0.16	10.35	25	33.4
174	176	208651	2.85	463	0.47	0.1	0.06	47.9	1200	1.1	90.7	0.001	0.16	0.12	8.2	0.6	1.6	46	<0.01	0.02	15.6	0.189	0.39	1.92	62	0.2	11.2	22	19.2

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_04	176	178	208652	0.004	0.01	4.23	4.1	<0.2	<10	310	0.89	0.07	1.85	0.02	42.8	13	64	6.15	3.5	4.68	13.35	0.22	1.05	<0.01	0.049	2.06	22.3	48.4
RC07MO_04	178	180	208653	0.005	0.01	4.39	0.4	<0.2	<10	330	0.84	0.04	0.82	0.01	56.1	10.9	73	6.63	4.8	4.88	14.9	0.3	1.17	<0.01	0.051	2.17	29	63.3
RC07MO_04	180	182	208654	0.005	0.01	3.09	8	<0.2	<10	200	0.76	0.08	0.63	<0.01	33.6	16.5	54	4.69	14.8	3.96	9.96	0.13	1.18	<0.01	0.039	1.48	17.2	45.6
RC07MO_04	182	184	208655	0.002	<0.01	3.31	1.3	<0.2	<10	250	0.8	0.13	0.58	0.01	32.2	13.5	54	5.2	21.3	4.21	10.9	0.14	1.31	<0.01	0.042	1.71	16.6	47.5
RC07MO_04	184	186	208656	0.003	0.01	3.35	0.2	<0.2	<10	240	0.8	0.3	2.48	0.01	42.8	21.5	55	6.23	70.8	5.2	11.5	0.18	1.14	<0.01	0.039	1.93	21.8	42.8
RC07MO_04	186	188	208657	0.005	0.01	3.3	0.2	<0.2	<10	220	0.99	0.43	1.37	<0.01	32.4	17.6	50	5.39	61.3	4.75	10.65	0.13	1.27	<0.01	0.045	1.68	16.9	42.9
RC07MO_04	188	190	208658	0.006	0.02	3.41	0.6	<0.2	<10	260	0.89	0.35	0.94	0.01	30	19.2	54	5.86	76.8	4.89	11.7	0.16	1.17	<0.01	0.043	1.86	15.4	47.3
RC07MO_04	190	192	208659	0.002	0.01	3.26	0.1	<0.2	<10	230	0.79	0.74	0.76	0.01	32.1	19.7	51	5.69	80.1	5.09	11.35	0.17	1.18	<0.01	0.045	1.7	16.7	47.6
RC07MO_04	192	194	208660	0.002	0.1	3.11	0.8	<0.2	<10	190	0.81	0.96	2.63	0.03	33.1	19.9	50	5.62	76	5.22	10.15	0.13	1.16	<0.01	0.046	1.55	16.9	40.7
RC07MO_04	194	196	208661	0.003	0.02	3.09	1.5	<0.2	<10	200	0.78	1.07	2.54	0.02	26.4	21.5	50	5.77	85.8	5.3	10.4	0.15	1.09	<0.01	0.048	1.54	13.6	41.3
RC07MO_04	196	198	208662	0.006	0.01	3.16	<0.1	<0.2	<10	220	0.81	0.96	3.29	0.03	27.9	24.3	52	6.25	109	5.63	10.65	0.17	1.09	<0.01	0.042	1.64	14.3	39.3
RC07MO_04	198	200	208663	0.002	0.01	3.54	0.5	<0.2	<10	260	0.82	0.76	1.62	<0.01	36	22.3	58	6.11	74.3	5.11	12.35	0.19	1.12	<0.01	0.043	1.82	18.2	45.9
RC07MO_04	200	202	208664	<0.001	<0.01	3.43	3.9	<0.2	<10	210	0.87	0.23	1.05	<0.01	30.6	15.7	52	5.26	27.1	4.46	11.35	0.15	1.16	<0.01	0.042	1.53	15.6	50.8
RC07MO_04	202	204	208665	0.004	<0.01	3.68	6.4	<0.2	<10	210	0.92	0.09	0.82	<0.01	36.5	15.3	54	5.44	14.2	4.57	11.45	0.14	1.3	<0.01	0.038	1.59	18.4	49.9
RC07MO_04	204	206	208666	0.003	<0.01	4.36	5.3	<0.2	<10	300	0.79	0.15	0.92	0.01	39.1	18.6	65	6.56	20.1	5.05	13.95	0.19	1.3	<0.01	0.06	1.94	18.9	62.6
RC07MO_04	206	208	208667	0.003	<0.01	4.12	2.6	<0.2	<10	300	0.7	0.33	0.75	0.01	29.2	17.2	66	6.41	25.8	4.97	13.5	0.25	1.08	<0.01	0.065	1.88	14.6	60.8
RC07MO_04	208	210	208668	0.002	0.01	4.79	7.9	<0.2	<10	340	0.67	0.06	1.99	0.01	45.1	20.6	73	7.43	15.5	5.38	16.15	0.41	1.17	<0.01	0.072	2.19	22.2	62
RC07MO_04	210	212	208669	0.002	0.01	4.85	1.9	<0.2	<10	310	0.86	0.28	2.15	0.02	27	18.9	72	7.07	26.4	5.51	16.05	0.36	1.25	<0.01	0.071	1.99	13.4	70.5
RC07MO_04	212	214	208670	0.001	0.04	4.53	3.9	<0.2	<10	310	0.85	0.18	2.13	0.01	22.7	18.2	68	7.18	27.4	5.09	14.15	0.27	1.15	<0.01	0.063	2.09	11.5	56.4
RC07MO_04	214	216	208671	0.001	0.01	5.18	6.5	<0.2	<10	310	1.02	0.18	2.42	0.02	37.5	21.5	72	7.91	40.5	5.93	16.1	0.31	1.1	<0.01	0.073	2.31	18.7	67.9
RC07MO_04	216	218	208672	0.001	0.01	5.06	4.4	<0.2	<10	310	1.09	0.13	1.92	0.03	49.1	18.7	67	7.2	36.6	5.58	15.45	0.26	0.91	<0.01	0.078	2.24	24.3	64.6
RC07MO_04	218	220	208673	<0.001	0.01	4.79	5.1	<0.2	<10	320	1.16	0.16	3.32	0.03	52.2	20	59	7.22	65	5.38	14.55	0.24	1.06	<0.01	0.063	2.3	26.1	60.5
RC07MO_04	220	222	208674	<0.001	<0.01	4.32	9.5	<0.2	<10	290	1.17	0.26	1.81	0.02	35.5	21.2	52	6.4	36.8	4.81	15.2	0.34	0.89	<0.01	0.055	2.12	17.4	57.7
RC07MO_04	222	224	208675	0.003	<0.01	3.14	10	<0.2	<10	220	1.08	0.08	4.27	0.03	33.1	15.6	35	5.18	13.7	4.11	10.6	0.18	0.93	<0.01	0.038	1.86	15.8	39.5
RC07MO_04	224	226	208676	0.005	<0.01	2.31	3.5	<0.2	<10	150	1.26	0.15	4.12	0.03	57.6	11.9	21	3.45	40.2	3.11	6.58	0.12	1.23	<0.01	0.03	1.46	27.4	29.4
RC07MO_04	226	228	208677	0.005	<0.01	2.78	12.9	<0.2	<10	160	1.75	0.24	1.95	0.02	83.4	16.3	24	4.75	29.1	2.97	8.05	0.15	1.55	<0.01	0.033	1.8	39.6	35.3
RC07MO_04	228	230	208678	0.002	<0.01	3.66	12.7	<0.2	<10	200	1.6	0.31	3.77	0.06	57.7	18	33	5.42	36.5	3.57	11.05	0.15	1.4	<0.01	0.038	2.09	27.7	51.9
RC07MO_04	230	232	208679	0.002	<0.01	3.89	6	<0.2	<10	240	1.17	0.17	4.38	0.01	35.2	14.6	39	6	37.6	3.78	11.85	0.17	1.06	<0.01	0.037	2.26	16.9	45.5
RC07MO_04	232	234	208680	<0.001	<0.01	3.18	7.6	<0.2	<10	200	1.09	0.34	4.86	0.03	32.1	14.2	34	5.16	30.9	3.6	9.75	0.13	1.11	<0.01	0.036	1.92	15.6	37.9
RC07MO_04	234	236	208681	0.002	<0.01	2.97	8	<0.2	<10	190	1.06	0.26	6.32	0.03	30.3	14	33	4.43	30.9	3.7	9.13	0.12	1.27	<0.01	0.037	1.7	14.8	36.3
RC07MO_04	236	238	208682	0.001	0.01	3.68	8	<0.2	<10	260	1.06	0.27	5.21	0.02	27	16.8	42	5.04	47.4	3.8	11.75	0.14	0.87	<0.01	0.041	2.11	13	36
RC07MO_04	238	240	208683	<0.001	0.01	3.75	1.5	<0.2	<10	240	1.27	0.41	5.07	0.02	30.3	17.3	41	5.31	89.7	4.13	11.85	0.21	1.06	<0.01	0.039	1.96	14.9	41.9
RC07MO_04	240	242	208684	0.002	0.01	4.11	0.4	<0.2	<10	320	1.18	0.79	4.9	0.02	29.7	25.7	46	5.88	163	4.26	13.15	0.29	1.03	<0.01	0.049	2.36	14.5	45.6
RC07MO_04	242	244	208685	0.006	<0.01	4.48	3.2	<0.2	<10	350	1.01	0.19	4.05	0.03	36.1	13.7	51	6.47	32.9	3.91	14.85	0.29	1.04	<0.01	0.055	2.57	17.2	45.7
RC07MO_04	244	246	208686	0.004	0.02	4.9	4.5	<0.2	<10	360	1.15	0.17	4.12	0.04	41.6	13.7	54	7.21	22.3	4.12	16	0.35	1.19	<0.01	0.057	2.68	20.1	46.8
RC07MO_04	246	248	208687	0.004	0.01	4.97	10.1	<0.2	<10	350	1.28	0.23	3.7	0.03	51.1	15.9	56	6.91	12.1	4.38	16.25	0.32	0.54	<0.01	0.057	2.59	24.9	51.8
RC07MO_04	248	250	208688	0.004	0.01	3.76	9.2	<0.2	<10	220	1.23	0.18	4.42	0.03	48.8	13.3	43	4.95	21.1	3.55	11.6	0.15	1.05	<0.01	0.042	1.9	24.1	45.2
RC07MO_04	250	252	208689	0.002	0.01	3.54	8.9	<0.2	10	190	1.29	0.21	5.14	0.05	44.2	12	39	4.48	30.7	3.3	10.75	0.12	0.84	<0.01	0.045	1.61	22	42.2
RC07MO_04	252	254	208690	0.005	0.01	3.33	11.5	<0.2	<10	200	1.51	0.19	4.08	0.02	56.6	13.3	36	4.41	22.2	3.23	10.15	0.13	1.18	<0.01	0.038	1.81	28	34.6
RC07MO_04	254	256	208691	0.008	<0.01	3.78	11	<0.2	<10	250	1.76	0.15	3.43	0.02	56.8	14	41	5.51	18.2	3.46	11.2	0.14	1.25	<0.01	0.042	2.22	28.2	33
RC07MO_04	256	258	208692	0.011	<0.01	3.72	5.7	<0.2	<10	240	1.51	0.11	2.98	0.01	49.4	11.4	43	5.99	17.2	3.45	11.85	0.2	1.21	<0.01	0.042	2.11	24.9	34.3
RC07MO_04	258	260	208693	0.007	<0.01	4.3	8.4	<0.2	<10	260	2	0.09	0.96	<0.01	59.1	15.1	52	6.37	28.1	4.21	14.35	0.24	1	<0.01	0.047	2.2	28.5	42
RC07MO_04	260	262	208694	0.001	<0.01	4.38	14	<0.2	<10	250	1.87	0.05	1.03	<0.01	37.5	18.1	51	5.62	8.1	4.6	14.5	0.22	1.07	<0.01	0.046	2.26	18.5	39.9
RC07MO_04	262	264	208695	0.005	0.01	3.85	27.2	<0.2	<10	200	1.29	0.1	1.73	<0.01	47	30.7	55	4.8	71.9	4.87	13.3	0.24	1.07	<0.01	0.054	1.8	24.3	35.6
RC07MO_04	264	266	208696	0.003	<0.01	4.38	17.6	<0.2	<10	280	1.2	0.15	0.58	<0.01	44.4	21	68	7.4	13.9	5	16.6	0.35	1.17	<0.01	0.065	2.22	21.9	47
RC07MO_04	266	268	208697	0.004	<0.01	4.27	8.5	<0.2	<10	300	0.84	0.19	1.15	0.01	55.6	15.9	65	7.37	24.2	4.87	16.4	0.4	0.95	<0.01	0.07	2.15	29	51.6
RC07MO_04	268	270	208698	0.004	<0.01	4.4	11.4	<0.2	<10	340	0.94	0.18	0.98	0.01	56.3	17.3	69	7.66	19.2	4.95	17.15	0.38	1.03	<0.01	0.074	2.34	29.3	59
RC07MO_04	270	272	208699	0.004	<0.01	4.18	14	<0.2	<10	320	0.98	0.13	1.81	<0.01	58.9	18.3	67	7.71	15.5	4.73	15.8	0.34	1.07	<0.01	0.065	2.32	30.5	52.8

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
176	178	208652	3.35	565	0.44	0.14	0.07	40.4	820	0.9	120	<0.001	0.05	0.09	10.8	0.5	2.1	35.9	<0.01	0.02	12.8	0.258	0.53	1.18	66	0.28	11.15	35	30.2
178	180	208653	3.15	313	0.49	0.16	0.08	42.2	680	1.1	131.5	<0.001	0.07	0.1	12.8	0.5	2.4	26.7	<0.01	0.01	14.3	0.283	0.59	1.27	81	0.23	12.6	39	32.4
180	182	208654	2.26	230	0.39	0.07	<0.05	39.1	670	0.9	89.3	<0.001	0.16	0.14	7.2	0.5	1.4	16.1	<0.01	0.01	13.5	0.188	0.43	1.54	60	0.17	10.85	31	32.5
182	184	208655	2.36	275	0.51	0.1	<0.05	38.1	640	0.9	101.5	0.001	0.31	0.15	8.5	0.5	1.6	17.3	<0.01	0.02	13.4	0.209	0.49	1.32	63	0.28	10	31	36
184	186	208656	3.33	1310	0.92	0.09	<0.05	42.8	710	0.9	112.5	0.001	0.9	0.11	11.2	0.6	1.5	40.9	<0.01	0.03	11.8	0.214	0.52	1.06	84	0.19	9.44	27	32
186	188	208657	2.85	676	0.97	0.1	<0.05	39.8	570	0.9	98.8	0.001	0.86	0.11	7.8	0.4	1.5	27	<0.01	0.02	12.9	0.185	0.47	1.3	58	0.17	7.79	26	34.1
188	190	208658	2.79	482	0.94	0.09	<0.05	40.6	640	1.3	109	0.001	0.95	0.11	9.5	0.4	1.6	22.3	<0.01	0.02	12.2	0.201	0.5	1.13	63	0.31	7.67	27	31.7
190	192	208659	2.69	418	0.63	0.08	<0.05	39.6	620	1.3	100.5	0.001	1.04	0.12	9.2	0.4	1.5	18	<0.01	0.02	11.6	0.188	0.46	1.11	68	0.19	7.59	26	32.3
192	194	208660	3.38	1240	0.78	0.08	<0.05	37.3	690	1.3	89	0.001	1.13	0.13	8.5	0.5	1.3	52.5	<0.01	0.02	11.4	0.165	0.42	1.13	66	0.28	8.66	31	31.5
194	196	208661	3.34	1210	0.55	0.07	<0.05	38.4	720	1.3	88.9	0.001	1.17	0.15	9.4	0.5	1.3	53.5	<0.01	0.02	11.2	0.165	0.42	1.03	74	0.33	8.47	33	30.4
196	198	208662	3.67	1635	0.61	0.08	<0.05	34.7	780	1	93.2	0.001	1.27	0.12	10.4	0.4	1.3	65.8	<0.01	0.02	10.4	0.177	0.44	1.01	82	0.22	8.76	30	30.7
198	200	208663	2.92	646	0.71	0.09	<0.05	42.7	730	1	106.5	0.001	0.82	0.11	10.5	0.5	1.7	30.4	<0.01	0.03	12.2	0.211	0.48	1.12	77	0.25	8.9	32	31.3
200	202	208664	2.73	379	0.68	0.08	<0.05	36.5	710	0.8	88.5	0.001	0.29	0.11	8.8	0.4	1.5	20.6	<0.01	0.01	12.5	0.182	0.42	1.2	65	0.29	10.1	26	32.1
202	204	208665	2.89	304	0.45	0.08	<0.05	36.4	710	0.7	90.7	<0.001	0.15	0.13	8.1	0.4	1.5	19	<0.01	0.01	13.4	0.192	0.42	1.34	61	0.16	9.99	26	35.6
204	206	208666	3.18	434	0.72	0.14	0.06	41.6	760	1.1	113	0.001	0.19	0.12	12.7	0.5	2.1	25.3	<0.01	0.02	13.4	0.254	0.5	1.32	86	0.25	12.1	41	36.6
206	208	208667	3.13	438	0.58	0.12	0.05	40.5	750	1.1	108	<0.001	0.2	0.13	12.5	0.4	2.2	21.5	<0.01	0.02	12.8	0.255	0.49	1.22	90	0.42	10.55	41	30.6
208	210	208668	3.73	665	0.46	0.15	0.05	46.4	740	0.9	123	<0.001	0.12	0.1	17.9	0.5	2.6	39.6	<0.01	0.01	12.9	0.29	0.56	1.3	127	0.23	10.15	44	33.9
210	212	208669	3.81	706	0.47	0.14	0.05	39.7	760	1.6	114.5	<0.001	0.18	0.09	16.9	0.5	2.5	40	<0.01	0.02	13.2	0.279	0.52	1.43	118	0.19	11.9	42	35.6
212	214	208670	3.41	677	1.13	0.15	<0.05	42.5	700	1.4	120	<0.001	0.19	0.12	14.1	0.5	2.3	42.3	<0.01	0.02	12.3	0.265	0.56	1.26	100	0.36	9.4	39	33.2
214	216	208671	4.04	747	0.88	0.15	0.05	52.7	840	1.2	136	<0.001	0.22	0.14	16	0.5	2.4	53.3	<0.01	0.03	13.6	0.29	0.63	1.32	116	0.2	10	40	33.5
216	218	208672	3.93	703	0.53	0.14	0.05	47.4	830	1.6	129.5	<0.001	0.13	0.1	14.7	0.5	2.5	48.7	<0.01	0.03	14.2	0.269	0.59	1.3	106	0.18	10.5	43	28.3
218	220	208673	3.78	986	0.54	0.14	<0.05	58.2	760	1.5	131	<0.001	0.35	0.13	14.1	0.5	2.2	73.3	<0.01	0.04	13.3	0.272	0.6	1.21	102	0.21	11.65	40	31.9
220	222	208674	3.39	648	0.56	0.15	<0.05	57.7	670	1.1	117.5	<0.001	0.2	0.16	12.3	0.4	1.8	46.4	<0.01	0.05	13.7	0.244	0.57	1.19	91	0.17	9.52	39	27.3
222	224	208675	3.56	1280	0.65	0.08	<0.05	31.3	710	1	105	<0.001	0.1	0.13	9.1	0.5	1.3	89.7	<0.01	0.01	13.1	0.196	0.48	1.21	65	0.14	11	31	27.7
224	226	208676	2.64	948	0.55	0.04	0.06	20.4	480	1.5	80.9	<0.001	0.29	0.18	4.2	0.5	0.9	76	<0.01	0.03	15.5	0.13	0.37	1.75	29	0.22	12	25	31.7
226	228	208677	2.23	459	0.86	0.05	0.07	21.9	460	1.6	108	<0.001	0.17	0.31	4.1	0.6	1.1	40.8	<0.01	0.03	19.5	0.157	0.48	2.73	31	0.16	13.6	27	41
228	230	208678	2.94	659	0.98	0.08	0.05	24.4	570	1.5	120	<0.001	0.16	0.18	6.5	0.7	1.3	108.5	<0.01	0.03	17.8	0.189	0.53	2.28	49	0.16	14.35	52	38.2
230	232	208679	3.5	894	0.77	0.13	<0.05	23.6	700	1.2	128	<0.001	0.18	0.1	8.4	0.5	1.5	79.7	<0.01	0.01	14	0.215	0.56	1.67	64	0.29	12.05	34	32.5
232	234	208680	3.83	1110	0.57	0.09	<0.05	21.6	630	1.3	105.5	<0.001	0.18	0.14	7	0.5	1.2	79.8	<0.01	0.02	12.8	0.178	0.48	1.53	53	0.16	10.7	32	32.5
234	236	208681	4.36	1475	0.64	0.09	<0.05	20.8	670	1.3	92	<0.001	0.17	0.11	7.1	0.5	1.1	109.5	<0.01	0.01	11.3	0.155	0.41	1.49	54	0.15	11.4	32	35.6
236	238	208682	3.96	1250	1	0.15	<0.05	25.7	720	1.4	111.5	<0.001	0.27	0.1	8.9	0.5	1.5	88.9	<0.01	0.01	12.4	0.191	0.49	1.59	72	0.23	10.85	38	27.2
238	240	208683	4.1	1195	0.72	0.09	<0.05	24.9	720	1.4	105	<0.001	0.59	0.08	9.6	0.5	1.4	78.2	<0.01	0.02	10.6	0.177	0.45	1.19	71	0.15	10.25	30	31.2
240	242	208684	3.86	1085	0.68	0.13	<0.05	25.6	700	1.4	124	<0.001	0.75	0.08	10.9	0.7	1.8	76.6	<0.01	0.04	11.4	0.21	0.51	1.36	78	0.16	10.45	33	30.7
242	244	208685	3.97	992	0.66	0.22	<0.05	27.4	670	1.7	134	<0.001	0.19	0.11	11.7	0.5	2.3	65.7	<0.01	0.01	13.6	0.247	0.57	1.61	82	0.34	10.45	39	31.7
244	246	208686	4.23	1015	0.72	0.27	<0.05	28.5	660	2.6	145	<0.001	0.12	0.12	12.4	0.6	2.4	73.8	<0.01	0.01	14.4	0.268	0.62	1.76	84	0.29	10.7	47	36.3
246	248	208687	4.3	936	0.44	0.21	<0.05	30.4	830	2.3	141	<0.001	0.08	0.12	13.1	0.5	2.4	68.8	<0.01	0.03	13.7	0.252	0.6	1.52	89	0.14	10.9	46	19.3
248	250	208688	3.55	1000	0.69	0.14	<0.05	26.2	670	1.8	103	<0.001	0.06	0.12	8.3	0.5	1.6	73.3	<0.01	0.02	13.1	0.179	0.45	1.59	57	0.36	11.3	37	31.1
250	252	208689	3.09	1100	0.94	0.1	0.06	22.5	850	2	88.8	<0.001	0.1	0.17	8.3	0.6	1.5	83.1	<0.01	0.02	9.3	0.131	0.37	1.19	51	0.42	11.65	33	25
252	254	208690	3.16	923	2.86	0.11	<0.05	23.2	630	1.7	99.8	<0.001	0.09	0.15	6.5	0.5	1.4	73.3	<0.01	0.02	13.8	0.158	0.42	1.66	43	0.28	11.1	33	32.8
254	256	208691	3.11	881	1.47	0.13	<0.05	23.3	700	1.6	123	<0.001	0.04	0.17	6.9	0.5	1.7	65.3	<0.01	0.01	15.5	0.202	0.53	1.88	46	0.32	11.15	35	35.1
256	258	208692	2.92	783	1.55	0.12	0.05	22.2	770	1.2	122	<0.001	0.04	0.12	7.4	0.5	1.7	52.6	<0.01	0.01	13.9	0.209	0.53	1.58	49	0.58	10.15	32	34.4
258	260	208693	3.09	348	1.1	0.1	0.05	30.4	790	1.1	130	<0.001	0.08	0.12	8.9	0.5	2.2	42.8	<0.01	0.01	15.5	0.225	0.56	1.33	62	0.16	9.02	18	28.5
260	262	208694	3.2	348	1.01	0.07	0.06	26.8	750	1.2	128	<0.001	0.06	0.09	8.4	0.4	2.1	33.8	<0.01	0.01	16	0.236	0.54	1.35	61	0.17	7.61	17	29.7
262	264	208695	2.75	465	1	0.08	0.07	42.6	680	1.1	96.8	<0.001	0.7	0.19	10.3	0.6	1.8	34.7	<0.01	0.03	13.6	0.216	0.45	1.11	74	0.35	8.19	24	30.4
264	266	208696	3.09	402	0.67	0.11	0.09	39.9	680	1.2	131	<0.001	0.08	0.14	13.3	0.5	2.8	27.5	<0.01	0.03	14.3	0.291	0.63	1.39	88	0.25	10.3	39	33.5
266	268	208697	3.19	556	0.53	0.1	0.09	38.4	690	0.9	125.5	<0.001	0.06	0.15	13.7	0.5	2.9	23.5	<0.01	0.03	13.9	0.279	0.59	1.32	88	0.31	11.7	46	28.7
268	270	208698	3.22	555	0.44	0.14	0.08	38.8	700	1	134	<0.001	0.03	0.14	13.7	0.6	3	25.4	<0.01	0.03	15.1	0.298	0.64	1.45	91	0.27	12.7	50	30.7
270	272	208699	3.1	663	0.65	0.13	0.08	39.2	660	0.9	133	<0.001	0.05	0.16	12.4	0.5	2.8	30.6	<0.01	0.02	14.6	0.288	0.64	1.32	82	0.37	11.7	43	30.9

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_04	272	274	208700	0.005	<0.01	4.44	13.4	<0.2	<10	290	1.07	0.06	4	0.02	66.4	17.9	62	8	4.8	5.18	16.05	0.44	1.19	<0.01	0.066	2.33	34.3	52.7
RC07MO_04	274	276	208701	0.004	<0.01	4.17	8.8	<0.2	<10	260	1.06	0.05	1.61	0.01	47.2	15.2	62	7.47	5.6	4.82	14.65	0.29	1.1	<0.01	0.06	2.18	24.6	52.3
RC07MO_04	276	278	208702	0.004	<0.01	3.53	5.2	<0.2	<10	270	0.86	0.44	0.53	<0.01	37	15.9	57	6.42	30.3	4.22	13.5	0.28	1.05	<0.01	0.05	2.04	19.1	44.2
RC07MO_04	278	280	208703	0.002	<0.01	3.68	2.9	<0.2	<10	260	0.98	0.26	0.55	<0.01	46.3	13.6	56	6.22	20.7	4.3	13.65	0.26	1.16	<0.01	0.046	1.99	24	43.9
RC07MO_04	280	282	208704	0.003	<0.01	4.3	5.6	<0.2	<10	310	1.16	0.44	2.2	<0.01	33.6	17	65	8.1	31.3	4.82	15.95	0.35	1.18	<0.01	0.048	2.52	17.8	47.8
RC07MO_04	282	284	208705	0.004	<0.01	4.15	3.8	<0.2	<10	320	0.98	0.32	0.8	<0.01	27.5	15.4	62	7.43	30.6	4.58	15.15	0.28	1.22	<0.01	0.051	2.32	14.3	55.4
RC07MO_04	284	286	208706	0.004	<0.01	3.65	1	<0.2	<10	290	1.05	0.33	0.58	<0.01	30.8	15.2	57	6.92	50.8	4.32	13.9	0.25	1.08	<0.01	0.042	2.16	16.1	50
RC07MO_04	286	288	208707	0.002	<0.01	3.52	1.4	<0.2	<10	260	1.17	0.33	0.35	<0.01	23.7	13.7	56	5.88	35.7	4.23	13.05	0.21	1.08	<0.01	0.043	1.92	12.7	49.9
RC07MO_04	288	290	208708	0.004	<0.01	3.44	1.6	<0.2	<10	240	1.05	0.42	0.54	0.01	30.9	15.9	57	5.84	50.8	4.34	12.6	0.18	1.27	<0.01	0.042	1.86	16.2	45.5
RC07MO_04	290	292	208709	0.004	<0.01	3.19	3.9	<0.2	<10	220	0.84	0.24	0.5	0.01	25.8	15.1	53	4.9	42.1	4.22	10.85	0.15	1.2	<0.01	0.037	1.83	12.9	50.6
RC07MO_04	292	294	208710	0.004	<0.01	3.3	5	<0.2	<10	240	1.15	0.29	1.39	0.01	33.3	15.4	53	4.35	55.2	4.01	11.3	0.15	1.13	<0.01	0.04	1.75	17	48.2
RC07MO_04	294	296	208711	0.002	<0.01	3.31	6.1	<0.2	<10	230	1.02	0.19	0.94	0.01	20.6	15.1	55	3.94	42.3	3.93	10.6	0.13	1.08	<0.01	0.033	1.73	10.5	44
RC07MO_04	296	298	208712	0.003	<0.01	3.39	7.7	<0.2	<10	240	1.09	0.32	2.49	0.01	30.8	15.5	53	4.11	42.7	3.79	11.2	0.16	1.05	<0.01	0.038	1.76	15.9	42.5
RC07MO_04	298	300	208713	0.002	<0.01	3.43	16.2	<0.2	<10	280	1.07	0.24	4.36	0.01	13	21.7	55	5.83	40.2	4.27	11.15	0.17	1.11	<0.01	0.04	2.15	6.4	42.5
RC07MO_04	300	302	208714	0.001	<0.01	2.82	6.5	<0.2	<10	210	0.92	0.25	6.13	0.02	19.85	12.4	43	5.15	17.6	4.21	9.29	0.16	0.98	<0.01	0.036	1.71	9.6	34.9
RC07MO_04	302	304	208715	0.003	<0.01	3.69	9.4	<0.2	<10	250	0.87	0.64	2.88	0.01	32.4	19	58	5.85	34.6	4.52	12	0.18	1.33	<0.01	0.041	2.01	16	42.9
RC07MO_04	304	306	208716	<0.001	<0.01	3.71	1.8	<0.2	<10	260	0.64	0.26	0.78	<0.01	28.4	13.9	61	5.64	27.6	4.4	12.15	0.18	1.26	<0.01	0.047	2	13.7	45.5
RC07MO_04	306	308	208717	0.002	<0.01	3.63	1.3	<0.2	<10	260	0.67	0.17	0.59	<0.01	32.1	12.9	60	5.56	18.9	4.49	11.6	0.19	1.2	<0.01	0.041	1.98	16.3	44.2
RC07MO_04	308	310	208718	0.002	<0.01	3.61	3.5	<0.2	<10	270	0.74	0.09	1.84	<0.01	22.9	13.3	59	5.68	15.7	4.33	11.8	0.18	1.22	<0.01	0.037	2.07	11.3	37.7
RC07MO_04	310	312	208719	0.002	<0.01	3.71	1.8	<0.2	<10	270	0.66	0.11	0.77	<0.01	35.5	13.8	60	5.58	22.1	4.48	11.65	0.17	1.21	<0.01	0.042	2	17.8	43.4
RC07MO_04	312	314	208720	0.003	<0.01	3.78	8.4	<0.2	<10	280	0.71	0.16	1.58	<0.01	29.5	18.1	61	6.32	25.8	4.66	12.5	0.2	1.2	<0.01	0.046	2.12	14.7	45.4
RC07MO_04	314	316	208721	0.002	<0.01	3.4	6.9	<0.2	<10	260	0.89	0.11	1.19	<0.01	24.3	16.2	60	5.6	23.1	4.19	11.65	0.16	1.28	<0.01	0.034	1.96	11.8	41
RC07MO_04	316	318	208722	0.001	<0.01	3.98	2.7	<0.2	<10	330	0.68	0.23	1.05	<0.01	29.1	15.2	68	6.65	26.8	4.55	13.1	0.19	1.38	<0.01	0.044	2.33	14.4	50.9
RC07MO_04	318	320	208723	<0.001	<0.01	3.66	1.9	<0.2	<10	300	0.75	0.26	3.48	0.01	23.4	14.7	59	6.08	31.3	4.46	12.45	0.2	1.17	<0.01	0.048	2.22	11.6	44.9
RC07MO_04	320	322	208724	<0.001	<0.01	3.47	8.1	<0.2	<10	260	0.81	0.2	3.02	0.01	22.4	17.3	52	5.98	25.6	4.32	11.4	0.18	1.15	<0.01	0.044	2.02	10.8	44.3
RC07MO_04	322	324	208725	<0.001	<0.01	4	1.3	<0.2	<10	360	0.66	0.17	1.32	<0.01	34.5	14.9	66	6.97	38.7	4.55	13.7	0.22	1.42	<0.01	0.048	2.43	16.7	51.8
RC07MO_04	324	326	208726	<0.001	<0.01	3.05	0.3	<0.2	<10	250	0.59	0.17	0.29	<0.01	25.3	15.8	50	5.65	55.1	4.19	10.2	0.14	1.3	<0.01	0.028	2	12.5	44.7
RC07MO_04	326	328	208727	<0.001	<0.01	3.17	1.4	<0.2	<10	220	0.54	0.33	0.3	<0.01	25.2	15.2	53	5.21	41.2	4.29	10.45	0.16	1.15	<0.01	0.031	1.83	12.6	48.4
RC07MO_04	328	330	208728	<0.001	<0.01	3.08	0.9	<0.2	<10	240	0.61	0.28	0.91	<0.01	22.6	12.9	52	4.76	44.7	4.07	9.16	0.13	1.04	<0.01	0.029	1.9	11.3	33.2
RC07MO_04	330	332	208729	<0.001	<0.01	3.4	3.1	<0.2	<10	290	0.78	0.17	5.17	0.01	22	13.5	52	6.47	24	4.43	11.55	0.22	1.11	<0.01	0.041	2.25	10.3	38.8
RC07MO_04	332	334	208730	<0.001	<0.01	3.24	0.7	<0.2	<10	240	0.86	0.17	0.76	<0.01	21.2	13.8	51	5.21	42.9	4.07	10.2	0.11	1.47	<0.01	0.032	1.91	10.3	43.1
RC07MO_04	334	336	208731	<0.001	<0.01	3.23	2.3	<0.2	<10	230	0.68	0.22	0.36	<0.01	24.3	14.2	52	5.26	32.5	4.2	10.2	0.13	1.16	<0.01	0.032	1.83	12.2	46.3
RC07MO_04	336	338	208732	<0.001	<0.01	3.7	4.3	<0.2	<10	230	0.7	0.21	5.87	0.02	29.3	13.9	52	6.45	17.8	4.77	11.85	0.24	1.12	<0.01	0.047	2.07	14.4	47.8
RC07MO_04	338	340	208733	<0.001	<0.01	3.58	1	<0.2	<10	260	0.64	0.16	0.85	<0.01	25.3	13.4	55	5.86	23.6	4.43	11.85	0.16	1.37	<0.01	0.045	2.01	12.4	51.6
RC07MO_04	340	342	208734	<0.001	0.01	3.62	1.5	<0.2	<10	270	0.59	0.34	1.35	<0.01	39.1	15.2	55	5.61	40	4.44	11.8	0.18	1.2	<0.01	0.042	1.98	19.7	48.5
RC07MO_04	342	344	208735	<0.001	<0.01	3.72	1.8	<0.2	<10	330	0.49	0.18	0.55	<0.01	26.1	13.3	61	6.55	23.9	4.53	12.65	0.21	1.17	<0.01	0.047	2.18	13	51.7
RC07MO_04	344	346	208736	<0.001	<0.01	3.72	10.8	<0.2	<10	300	0.5	0.32	2.05	<0.01	35.1	20.5	60	6.3	36	4.54	12.45	0.26	1.1	<0.01	0.052	2.12	17.1	46.4
RC07MO_04	346	348	208737	<0.001	<0.01	3.73	8.1	<0.2	<10	290	0.43	0.16	2.18	<0.01	22.2	16	61	4.91	21.7	4.55	9.61	0.21	0.86	<0.01	0.034	2.21	11	33.2
RC07MO_04	348	350	208738	<0.001	<0.01	3.91	13	<0.2	<10	330	0.55	0.13	1.12	<0.01	19.15	20.2	67	6.22	26.2	4.62	13.05	0.23	1.12	<0.01	0.047	2.25	9.5	47.1
RC07MO_04	350	352	208739	<0.001	<0.01	4.09	17.2	<0.2	<10	310	0.57	0.2	2.33	0.01	32.9	23.2	65	6.54	22.3	4.81	13.9	0.27	1.18	<0.01	0.054	2.2	16.5	53
RC07MO_04	352	354	208740	<0.001	<0.01	3.65	9.2	<0.2	<10	330	0.57	0.39	0.77	0.01	28.1	19.9	69	6.47	40.7	4.6	13.5	0.25	1.11	<0.01	0.051	2.19	13.9	52.2
RC07MO_05	0	2	208741	0.006	0.02	3.1	6.9	<0.2	50	260	0.93	0.27	4.75	0.05	43	13	31	2.17	26	3.25	8.15	0.08	0.61	0.02	0.031	0.58	20.8	20.8
RC07MO_05	2	4	208742	0.006	0.02	3.34	5.6	<0.2	70	230	1.15	0.29	2.45	0.04	47	13.9	34	2.54	24.9	3.46	9.69	0.09	0.63	0.01	0.037	0.64	22	20.2
RC07MO_05	4	6	208743	0.005	0.01	3.24	5.2	<0.2	60	310	1.07	0.26	3.87	0.06	46.7	13.3	32	2.34	23.5	3.37	8.83	0.09	0.64	0.01	0.032	0.63	24.3	18.1
RC07MO_05	6	8	208744	0.005	0.01	2.7	4.8	<0.2	50	200	0.96	0.25	4.7	0.07	48.9	12.8	30	2.06	23.8	2.98	7.43	0.08	0.59	0.01	0.028	0.52	26.8	15.5
RC07MO_05	8	10	208745	0.005	0.01	2.48	4.8	<0.2	30	210	0.98	0.26	3.59	0.05	55.7	13.1	28	1.94	23	2.99	7.22	0.08	0.58	0.01	0.028	0.48	28.2	14.8
RC07MO_05	10	12	208746	0.003	0.01	1.6	4.4	<0.2	10	80	0.7	0.26	0.65	0.03	54.3	13.2	21	1.66	19	2.63	5.13	0.07	0.55	<0.01	0.017	0.35	25.8	13.3
RC07MO_05	12	14	208747	0.006	0.02	1.64	9.7	<0.2	10	260	0.9	0.57	0.92	0.04	54.8	13.8	31	1.98	22	4.03	5.5	0.09	0.61	<0.01	0.024	0.44	27.4	10.6

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
272	274	208700	3.74	1485	0.74	0.1	0.07	34	710	0.9	135	<0.001	0.03	0.13	13.5	0.5	2.8	65.8	<0.01	0.01	13.8	0.288	0.64	1.43	86	0.32	12.1	41	33.4
274	276	208701	3.17	730	0.43	0.08	0.06	33.2	640	0.8	127	<0.001	0.03	0.12	10.5	0.5	2.4	29	<0.01	0.01	14.9	0.263	0.63	1.4	70	0.15	9.1	42	30.8
276	278	208702	2.51	428	0.55	0.1	0.05	39.5	470	0.9	121.5	<0.001	0.2	0.2	9.3	0.4	2.1	18.1	<0.01	0.03	14.8	0.234	0.59	1.3	60	0.19	8.17	44	29.3
278	280	208703	2.6	439	0.43	0.11	0.05	38.5	530	0.9	116	<0.001	0.18	0.18	9.6	0.5	2	20.1	<0.01	0.02	15	0.237	0.56	1.27	60	0.17	8.63	40	32.4
280	282	208704	3.19	792	0.65	0.13	0.06	33.3	620	0.8	148	<0.001	0.21	0.09	12.4	0.4	2.5	40.9	<0.01	0.03	14.2	0.28	0.69	1.39	71	0.16	8.81	34	33.2
282	284	208705	2.97	682	0.73	0.14	0.05	38.3	560	1	136.5	<0.001	0.18	0.16	11.3	0.4	2.5	22.4	<0.01	0.02	15.4	0.266	0.63	1.43	69	0.22	9.2	49	33.8
284	286	208706	2.65	436	0.66	0.12	0.06	38.6	520	0.9	130	<0.001	0.37	0.17	9.7	0.5	2.1	23.9	<0.01	0.03	14.7	0.24	0.63	1.25	59	0.22	8.55	44	29.7
286	288	208707	2.54	406	0.41	0.11	0.05	35.6	540	0.9	114	<0.001	0.24	0.19	8.6	0.4	1.9	17	<0.01	0.02	14.7	0.231	0.54	1.23	55	0.15	8.68	49	29.6
288	290	208708	2.52	414	0.81	0.1	0.05	39.4	520	1	110.5	<0.001	0.32	0.17	8.4	0.5	1.8	19.4	<0.01	0.03	14.9	0.223	0.53	1.39	54	0.6	9.43	47	34.6
290	292	208709	2.59	366	0.44	0.06	0.05	32.1	520	1.5	108.5	<0.001	0.24	0.2	9.2	0.4	1.8	13.8	<0.01	0.02	12.5	0.212	0.48	1.24	53	0.17	10.15	40	29.6
292	294	208710	2.59	442	0.5	0.09	<0.05	34.1	500	1.3	102	<0.001	0.37	0.22	9.9	0.4	1.8	26.4	<0.01	0.02	13	0.183	0.46	1.32	58	0.14	9.82	37	29.7
294	296	208711	2.59	372	0.9	0.1	<0.05	33.9	500	1.1	93.1	<0.001	0.27	0.16	8.8	0.4	1.5	25	<0.01	0.02	12.9	0.173	0.42	1.2	55	0.19	8.56	32	27.1
296	298	208712	2.92	1000	0.85	0.13	<0.05	31.7	530	1.1	99.4	<0.001	0.22	0.16	10.2	0.5	1.7	45.8	<0.01	0.03	11.9	0.169	0.42	1.21	57	0.42	9.2	35	26.8
298	300	208713	3.98	1850	3.24	0.08	<0.05	30.6	580	0.9	125.5	<0.001	0.21	0.12	10.8	0.4	2	67.8	<0.01	0.03	12.7	0.202	0.51	1.33	63	0.25	8.6	33	28.8
300	302	208714	4.67	2520	2.67	0.06	<0.05	24.9	620	0.7	101.5	<0.001	0.12	0.11	9.7	0.5	1.5	102	<0.01	0.02	9.9	0.162	0.42	1.03	54	0.16	8.9	26	24.7
302	304	208715	3.74	1245	1.3	0.09	<0.05	43.5	600	0.9	115.5	<0.001	0.19	0.16	11.3	0.5	1.8	47.6	<0.01	0.05	12.9	0.213	0.5	1.46	69	0.23	10.8	42	34
304	306	208716	3.02	499	0.59	0.1	<0.05	41.6	520	0.7	120.5	<0.001	0.15	0.16	10.6	0.4	2	18.4	<0.01	0.02	14.4	0.232	0.55	1.41	64	0.16	10.15	50	32.5
306	308	208717	2.91	409	1.08	0.11	<0.05	38.4	520	0.6	118	<0.001	0.14	0.13	9.7	0.4	2	15.6	<0.01	0.03	12.6	0.238	0.53	1.24	62	0.22	9.48	38	31.1
308	310	208718	3.1	568	0.58	0.11	<0.05	37.8	560	0.6	120.5	<0.001	0.12	0.1	11.8	0.4	1.9	29	<0.01	0.03	13	0.228	0.52	1.25	72	0.29	8.61	26	31
310	312	208719	2.96	420	0.54	0.1	0.05	38.5	490	0.6	116	<0.001	0.15	0.14	10.2	0.5	1.9	16.8	<0.01	0.04	12.9	0.24	0.52	1.23	67	0.2	11.3	43	31.3
312	314	208720	3.26	778	1.19	0.13	<0.05	41.7	530	0.6	127.5	<0.001	0.18	0.11	12	0.4	2.2	26.7	<0.01	0.04	11.9	0.238	0.54	1.27	74	0.23	9.28	42	31.4
314	316	208721	3.02	443	0.79	0.1	<0.05	39	510	0.7	116	<0.001	0.16	0.15	10.9	0.4	1.8	20.3	<0.01	0.04	13.2	0.22	0.5	1.38	67	0.35	8.49	24	33.6
316	318	208722	3.04	489	0.72	0.15	0.05	40.5	530	0.7	138	<0.001	0.21	0.1	12.4	0.5	2.2	22.9	<0.01	0.03	12.4	0.259	0.61	1.34	76	0.23	9.7	44	35.5
318	320	208723	3.21	1200	0.88	0.11	<0.05	33.5	600	0.7	128	<0.001	0.27	0.13	12.2	0.5	2.1	53.2	<0.01	0.03	12.2	0.237	0.55	1.21	71	0.23	9.58	40	30
320	322	208724	3.47	1630	0.58	0.06	<0.05	30.5	600	0.7	115.5	<0.001	0.2	0.17	10.9	0.4	1.8	48.3	<0.01	0.02	10.9	0.21	0.52	1.15	65	0.16	8.84	46	28.9
322	324	208725	3.22	793	1.2	0.17	0.06	34.8	550	0.7	143	<0.001	0.28	0.15	13.9	0.5	2.4	30.2	<0.01	0.03	13	0.274	0.64	1.42	84	0.3	10.9	47	37.9
324	326	208726	2.54	294	3.32	0.08	0.06	33.8	470	0.7	121.5	<0.001	0.46	0.14	7.9	0.4	1.6	11.7	<0.01	0.03	12.9	0.228	0.55	1.27	51	0.27	9.64	36	32.7
326	328	208727	2.62	279	0.67	0.07	0.05	33.9	490	0.7	110	<0.001	0.35	0.15	8.5	0.4	1.6	10.7	<0.01	0.04	12.3	0.218	0.51	1.18	58	0.29	8.86	34	28.4
328	330	208728	2.73	339	0.61	0.09	<0.05	31.4	550	0.5	97.9	<0.001	0.37	0.11	8.3	0.4	1.5	15.4	<0.01	0.03	10.3	0.212	0.42	1.02	60	0.22	7.03	21	26.8
330	332	208729	3.9	1930	1.44	0.11	<0.05	28.7	620	0.7	137	<0.001	0.21	0.09	12.3	0.5	2.2	78.8	<0.01	0.03	10.7	0.235	0.58	1.13	69	0.25	9.01	25	28.4
332	334	208730	2.77	419	0.86	0.06	<0.05	33.2	490	0.7	110.5	<0.001	0.31	0.15	7.7	0.4	1.5	18.3	<0.01	0.02	13.7	0.187	0.5	1.4	52	0.24	8.39	28	37.6
334	336	208731	2.71	267	0.6	0.07	<0.05	35.6	540	0.6	109	<0.001	0.27	0.17	7.8	0.4	1.6	12.4	<0.01	0.02	13.2	0.204	0.51	1.24	56	0.14	7.68	26	30.3
336	338	208732	4.09	2040	1.36	0.08	<0.05	28.4	720	0.7	127	<0.001	0.14	0.1	12.9	0.5	2	86.6	<0.01	0.03	10.8	0.231	0.55	1.19	73	0.18	10.3	33	29.1
338	340	208733	2.97	497	0.7	0.08	0.05	33.7	500	0.7	119	<0.001	0.17	0.16	9.9	0.4	2.1	19.4	<0.01	0.02	13	0.234	0.53	1.37	60	0.22	10.2	45	35
340	342	208734	2.81	427	0.67	0.11	0.06	40.3	520	0.8	116.5	<0.001	0.27	0.15	10.5	0.6	2.1	21.5	<0.01	0.04	12.3	0.245	0.51	1.26	64	0.22	10.95	45	31.3
342	344	208735	2.88	414	0.89	0.14	0.05	34.1	540	0.7	128.5	<0.001	0.15	0.11	12.7	0.5	2.5	17.5	<0.01	0.02	12.6	0.269	0.57	1.2	76	0.26	9.73	50	30.7
344	346	208736	2.95	670	0.72	0.11	0.05	40.8	580	0.7	122	<0.001	0.24	0.12	12.8	0.5	2.3	27	<0.01	0.05	12	0.26	0.54	1.18	78	0.3	10.25	49	28.2
346	348	208737	3.17	668	0.6	0.1	<0.05	28.8	620	0.5	97.5	<0.001	0.29	0.09	10.1	0.4	1.6	21	<0.01	0.04	8.9	0.247	0.41	0.94	80	0.17	6.99	37	22.5
348	350	208738	3.05	525	1.08	0.14	0.05	33.7	610	0.7	129.5	<0.001	0.19	0.1	12.8	0.5	2.4	22.6	<0.01	0.02	12.4	0.262	0.55	1.29	77	0.27	9.69	47	29.5
350	352	208739	3.49	997	0.76	0.09	<0.05	32.3	680	0.7	129	<0.001	0.16	0.12	15.3	0.6	2.4	28.5	<0.01	0.02	12	0.262	0.58	1.29	88	0.29	11.5	51	31
352	354	208740	2.96	462	1.1	0.12	0.06	37.4	580	0.7	126.5	<0.001	0.26	0.11	13.9	0.5	2.6	18.2	<0.01	0.04	11.9	0.276	0.55	1.18	86	0.27	10.45	39	28.4
0	2	208741	1.09	438	2.09	0.21	0.07	27	440	18.7	32.8	<0.001	0.08	0.33	6.1	0.7	0.9	128.5	<0.01	0.13	7.2	0.025	0.17	0.8	62	0.08	11.9	64	17.6
2	4	208742	0.94	461	3.41	0.27	0.05	26.9	270	16.2	39.6	<0.001	0.11	0.33	7.7	0.6	1	120.5	<0.01	0.11	7.9	0.023	0.19	1.55	60	0.32	13.05	63	17.6
4	6	208743	0.94	437	1.09	0.25	<0.05	25.1	270	15.4	36.8	<0.001	0.12	0.28	6.9	0.6	0.9	158.5	<0.01	0.13	7.5	0.025	0.18	1.61	58	0.14	15	59	17.8
6	8	208744	0.83	417	1.12	0.2	<0.05	23.6	310	14.6	32	<0.001	0.04	0.29	5.9	0.5	0.8	104	<0.01	0.15	7.1	0.024	0.15	0.99	50	0.16	15.1	50	16.4
8	10	208745	0.74	409	1.11	0.18	<0.05	24.8	260	14.3	30.7	<0.001	0.02	0.25	5.9	0.5	0.8	81.4	<0.01	0.09	8	0.023	0.15	0.8	45	0.07	13.35	46	16.2
10	12	208746	0.67	448	0.97	0.09	<0.05	25	280	14.9	24.1	<0.001	<0.01	0.39	3.6	0.3	0.5	31.5	<0.01	0.03	7.6	0.02	0.13	0.59	29	0.13	7.97	45	15.3
12	14	208747	0.42	473	1.5	0.06	0.06	22.8	220	17.4	29.1	<0.001	0.01	0.86	4.4	0.6	0.7	31.7	<0.01	0.04	7.1	0.023	0.14	0.81	46	0.24	8.19	35	20

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_05	14	16	208748	0.004	0.1	1.1	5.9	<0.2	10	500	0.69	0.29	0.37	0.01	52.9	6.7	24	1.13	16.4	2.78	4.09	0.07	0.46	0.01	0.018	0.27	22	7.1
RC07MO_05	16	18	208749	0.003	0.03	1.65	6.6	<0.2	10	630	1.06	0.27	3.36	0.02	66.7	15.9	28	1.55	17.6	3.09	5.09	0.09	0.46	0.02	0.022	0.36	32.2	9.9
RC07MO_05	18	20	208750	0.003	0.03	2.01	5.9	<0.2	10	350	1.12	0.27	3.53	0.03	62.3	9.3	26	1.68	19.9	2.53	5.85	0.08	0.48	0.03	0.025	0.43	35.2	12.4
RC07MO_05	20	22	208751	0.002	0.02	1.5	5.2	<0.2	10	280	0.9	0.26	1.23	0.01	54.3	9.5	28	1.23	45.2	2.63	4.8	0.07	0.44	0.02	0.023	0.32	24	9.2
RC07MO_05	22	24	208752	0.003	0.01	1.58	5	<0.2	10	150	0.75	0.22	3.64	0.01	34.4	7.4	25	1.17	16.4	2.55	4.58	0.06	0.4	0.01	0.022	0.34	17.5	8.3
RC07MO_05	24	26	208753	0.002	0.95	1.97	4	<0.2	20	200	0.65	0.23	2.13	0.47	43.8	4.4	30	1.48	16.6	2.58	5.94	0.07	0.46	0.01	0.024	0.45	23	7.9
RC07MO_05	26	28	208754	0.001	0.02	1.29	2.7	<0.2	10	190	0.56	0.16	5.8	0.01	37.6	3.5	18	1.09	10.4	1.7	3.59	0.05	0.37	0.01	0.016	0.31	19.1	5.7
RC07MO_05	28	30	208755	0.002	0.02	1.32	4.8	<0.2	10	190	0.62	0.18	0.49	0.01	58.3	5.5	21	1.05	11.3	2.16	4.37	0.06	0.38	0.02	0.018	0.26	24.8	7.7
RC07MO_05	30	32	208756	0.003	0.02	2.84	4.8	<0.2	30	510	1.35	0.38	0.2	0.02	67.9	1.9	47	0.99	19.6	4.6	9.83	0.07	0.34	0.01	0.088	0.38	12.6	20.1
RC07MO_05	32	34	208757	0.002	0.01	4.37	13.2	<0.2	30	540	3.79	0.36	0.47	<0.01	130	22.9	46	2.09	26.9	5.15	12.75	0.09	0.43	0.01	0.069	0.66	28.8	30.8
RC07MO_05	34	36	208758	0.001	0.01	4.35	59.3	<0.2	30	810	2.66	0.33	0.35	0.01	77.3	42.8	61	4.08	37	6.86	13.55	0.16	0.75	0.01	0.058	0.95	64.5	27.1
RC07MO_05	36	38	208759	0.001	0.01	3.39	22.4	<0.2	10	530	1.22	0.32	0.17	0.01	58.6	35.1	58	5.54	69.2	5.79	11.95	0.16	0.88	0.02	0.038	1.34	38.3	35.4
RC07MO_05	38	40	208760	0.002	0.01	2.52	3.6	<0.2	10	200	0.84	0.38	0.09	0.02	72.2	24.2	60	3.76	99.9	4.84	8.86	0.13	0.82	0.01	0.03	0.93	38.2	23.4
RC07MO_05	40	42	208761	0.001	0.01	3.43	3	<0.2	10	250	1.19	0.5	0.1	0.03	58.8	28.9	64	4.13	113	4.93	11.5	0.11	1	0.01	0.045	1.23	32.8	26.5
RC07MO_05	42	44	208762	0.001	0.01	3.69	5.2	<0.2	10	200	1.28	0.26	0.26	0.03	55.7	31.6	66	5.86	87.8	6.45	13.15	0.15	0.4	0.01	0.045	1.45	30.2	41.3
RC07MO_05	44	46	208763	0.001	0.01	3.54	5.1	<0.2	<10	140	1.08	0.23	0.34	0.02	40.4	28.4	69	5	57.9	5.8	13.35	0.14	0.54	0.01	0.04	1.18	21.3	45.2
RC07MO_05	46	48	208764	0.002	0.01	3.66	4.1	<0.2	<10	120	1.14	0.26	0.33	0.03	55.4	20.4	67	5.96	53.8	5.69	12.75	0.15	0.67	0.03	0.039	1.35	28.2	44.6
RC07MO_05	48	50	208765	0.001	0.01	4.32	12	<0.2	<10	200	1.23	0.17	0.62	0.05	48.2	18.9	73	6.13	33.8	6.06	14.2	0.14	0.36	0.01	0.044	1.58	23.4	48.3
RC07MO_05	50	52	208766	0.001	0.02	3.96	10.6	<0.2	<10	110	1.27	0.29	0.29	0.03	49.8	22.3	70	7.33	35.7	6.98	13.7	0.18	0.16	0.01	0.041	1.42	26.1	48.9
RC07MO_05	52	54	208767	0.001	0.01	4.06	10	<0.2	<10	130	1.23	0.2	0.23	0.02	48.4	18	67	6.84	31.4	6.4	14.1	0.16	0.27	0.02	0.04	1.48	24.5	49.3
RC07MO_05	54	56	208768	0.002	0.01	3.68	4.6	<0.2	10	150	1.15	0.29	0.98	0.04	47.7	18	62	5.36	58.2	5.58	12.2	0.14	0.53	0.04	0.038	1.26	24.6	42.3
RC07MO_05	56	58	208769	0.002	0.01	3.48	6.4	<0.2	<10	150	1.1	0.3	2.12	0.07	54.8	20.4	64	5.8	60.6	5.58	12	0.16	0.9	0.05	0.04	1.38	28.1	40.1
RC07MO_05	58	60	208770	0.001	0.01	3.53	4.8	<0.2	<10	130	1.01	0.27	1.8	0.05	59.7	22	63	5.95	51.3	5.14	12	0.15	0.95	0.02	0.039	1.35	29.1	41.8
RC07MO_05	60	62	208771	0.001	0.01	3.8	4.4	<0.2	<10	140	0.89	0.34	1.68	0.05	72.2	22.5	63	5.36	46.9	5.36	12.75	0.17	0.8	0.04	0.038	1.3	36.7	45.3
RC07MO_05	62	64	208772	0.001	0.01	3.95	8.9	<0.2	<10	130	0.99	0.18	1.43	0.04	51.6	26.5	64	6.1	38.9	5.3	13.35	0.16	0.82	0.03	0.04	1.39	25.3	47.9
RC07MO_05	64	66	208773	0.002	0.01	3.52	5.9	<0.2	<10	100	0.82	0.34	2.07	0.06	46.1	23.2	65	3.78	43.8	5.21	13.1	0.15	0.78	0.03	0.041	0.92	23.2	47.9
RC07MO_05	66	68	208774	0.001	0.02	3.81	9.9	<0.2	<10	150	0.98	0.2	3.03	0.06	46.5	22.2	64	5.38	28.5	5.05	13.05	0.15	0.86	0.04	0.042	1.29	24	46
RC07MO_05	68	70	208775	<0.001	0.01	3.87	10.5	<0.2	<10	130	0.95	0.22	2.99	0.07	41.3	24.1	65	5.54	32.9	5.19	13.05	0.15	0.89	0.05	0.041	1.33	24	46.2
RC07MO_05	70	72	208776	0.008	0.02	3.64	10	<0.2	<10	120	0.85	0.18	1.74	0.07	51.4	24.5	62	6.45	42.3	4.76	14.8	0.17	0.8	0.07	0.046	1.31	26.7	40.5
RC07MO_05	72	74	208777	0.003	0.02	3.49	3.4	<0.2	<10	100	0.88	0.25	3.84	0.1	52	23	60	5.83	61	5.03	14.4	0.2	0.85	0.03	0.045	1.19	26	38.5
RC07MO_05	74	76	208778	0.002	0.02	3.38	19.9	<0.2	<10	90	0.87	0.17	4.16	0.09	38.9	28.1	55	5.73	40.8	4.81	13.85	0.18	0.8	0.02	0.041	1.17	19.5	37.6
RC07MO_05	76	78	208779	0.002	0.03	3.48	11.6	<0.2	<10	130	1.04	0.19	3.79	0.1	31.8	24.5	57	6.11	49.6	4.72	14.45	0.15	0.94	0.08	0.045	1.25	16.2	34.5
RC07MO_05	78	80	208780	0.001	0.04	2.65	9.7	<0.2	<10	130	0.88	0.07	7.43	0.11	51.8	20.2	49	4.62	32.9	4.33	11.85	0.17	0.84	0.09	0.041	0.97	26.7	24.8
RC07MO_05	80	82	208781	0.001	0.03	3.11	6.6	<0.2	<10	80	0.86	0.23	3.44	0.08	30.3	22.9	54	4.39	178.5	4.72	13.1	0.15	0.87	0.02	0.047	0.88	14.7	26.1
RC07MO_05	82	84	208782	0.001	0.02	3.34	6.3	<0.2	<10	90	0.99	0.27	3.02	0.09	34.9	24	62	5.89	65.5	4.86	14.3	0.17	0.81	0.01	0.048	1.11	17.1	24.8
RC07MO_05	84	86	208783	0.001	0.04	3.16	9.5	<0.2	<10	80	0.81	0.13	4.25	0.17	41.9	22.3	60	5.41	57.1	4.68	14.5	0.24	0.72	0.07	0.051	0.96	21.1	23.2
RC07MO_05	86	88	208784	0.001	0.04	3.4	12.8	<0.2	<10	80	0.85	0.09	1.88	0.1	76.8	24.6	59	6.07	33.1	4.44	14.75	0.22	0.75	0.07	0.047	1.07	36.6	26
RC07MO_05	88	90	208785	0.001	0.04	3.65	22.7	<0.2	<10	90	0.88	0.12	2.55	0.09	44.4	26.8	59	6.29	30.9	4.77	14.7	0.22	0.74	0.02	0.045	1.31	21.6	27.7
RC07MO_05	90	92	208786	0.001	0.09	3.77	13.9	<0.2	<10	110	0.93	0.15	1.32	0.07	44.1	23.8	61	6.16	41.3	4.96	15.55	0.18	0.91	0.09	0.046	1.22	21	31.2
RC07MO_05	92	94	208787	<0.001	0.24	2.61	21.1	<0.2	<10	60	0.74	0.26	4.41	0.17	29.7	21.7	46	2.21	56	4.58	11.85	0.13	0.81	0.08	0.047	0.68	15.1	22
RC07MO_05	94	96	208788	<0.001	0.05	3.26	15.3	<0.2	<10	90	0.9	0.14	4.35	0.11	38.8	23.7	53	5.34	38.6	4.84	13.65	0.18	0.81	0.02	0.041	1.22	19.4	26.4
RC07MO_05	96	98	208789	<0.001	0.03	3.09	5.2	<0.2	<10	100	0.86	0.18	3.43	0.08	39.7	19.9	56	6.66	47.8	4.61	12.75	0.18	0.9	0.02	0.041	1.49	19.7	24.5
RC07MO_05	98	100	208790	<0.001	0.02	3.05	6.6	<0.2	<10	90	0.79	0.15	4.79	0.11	39.2	20.9	55	6	47	4.56	12.3	0.2	0.8	0.01	0.037	1.25	18.9	24.9
RC07MO_05	100	102	208791	0.002	0.03	3.59	9.3	<0.2	<10	100	0.9	0.13	2.1	0.07	57.9	19.4	59	6.94	36	4.53	14.4	0.19	0.91	0.03	0.04	1.41	29.3	30.5
RC07MO_05	102	104	208792	<0.001	0.01	3.16	8	<0.2	<10	100	0.8	0.12	3.45	0.08	43.6	19.9	57	5.72	43.8	4.48	12.95	0.16	0.89	<0.01	0.035	1.27	21.8	25.9
RC07MO_05	104	106	208793	<0.001	0.01	3.18	7.6	<0.2	<10	100	0.74	0.08	2.91	0.06	31.3	19.2	60	5.75	35.4	4.49	13	0.14	0.91	<0.01	0.036	1.26	15.8	26.4
RC07MO_05	106	108	208794	<0.001	0.02	3.22	4.9	<0.2	<10	110	0.8	0.27	2.07	0.06	18.35	25	58	5.97	72.1	4.83	12.4	0.13	0.95	<0.01	0.031	1.31	9	24.8
RC07MO_05	108	110	208795	<0.001	0.03	3.34	1.4	<0.2	<10	110	0.91	0.21	1.37	0.1	21.6	21	63	6.63	62	4.72	13.9	0.14	0.97	<0.01	0.03	1.44	10.6	26

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
14	16	208748	0.19	147	0.76	0.04	0.05	12.8	110	11.7	19	<0.001	0.01	0.49	3.6	0.3	0.5	21.1	<0.01	0.02	6.7	0.018	0.09	0.65	32	0.24	5.52	20	14.3
16	18	208749	0.31	285	1.03	0.05	<0.05	16.7	130	12.1	24.1	<0.001	0.02	0.35	4.6	0.4	0.7	47.6	<0.01	0.02	6.8	0.018	0.11	0.67	39	0.12	8.51	26	14.1
18	20	208750	0.34	234	0.93	0.05	<0.05	15.2	120	11.1	30.5	<0.001	0.02	0.24	5.7	0.5	0.7	45.8	<0.01	0.01	8.1	0.019	0.14	0.68	35	0.31	11.25	25	14.1
20	22	208751	0.24	160	2.6	0.03	<0.05	14.2	110	11.1	23.4	<0.001	0.02	0.29	4.7	0.3	0.7	27.4	<0.01	0.01	7.6	0.015	0.11	0.59	34	1.2	6.68	23	12.4
22	24	208752	0.3	126	0.9	0.03	<0.05	11.3	90	7.3	24.1	<0.001	0.01	0.27	4.6	0.3	0.7	40.4	<0.01	0.01	6.6	0.016	0.1	0.58	33	0.19	6.26	14	12.3
24	26	208753	0.29	93	0.61	0.04	<0.05	8.7	70	6.3	32.5	<0.001	0.01	0.26	5	0.2	0.8	30.9	<0.01	0.01	9	0.017	0.14	0.5	42	0.1	3.88	15	12.8
26	28	208754	0.26	60	0.6	0.03	<0.05	6.7	70	4.6	21.7	<0.001	0.01	0.23	3.5	0.3	0.6	46.8	<0.01	0.01	6.6	0.015	0.08	0.46	25	0.1	4.89	9	10.7
28	30	208755	0.13	156	0.63	0.02	<0.05	8.1	70	8.4	20.9	<0.001	<0.01	0.31	3.6	0.3	0.6	16.9	<0.01	0.01	6.7	0.015	0.09	0.58	31	0.16	4.25	7	11.4
30	32	208756	0.25	55	0.68	0.09	<0.05	8.7	50	17.1	27.1	<0.001	0.02	0.18	9.4	0.3	1.7	51.2	<0.01	0.02	13.2	0.007	0.13	0.99	73	<0.05	5.19	8	7.1
32	34	208757	0.45	693	0.87	0.1	<0.05	21.5	80	18.1	55.5	<0.001	0.02	0.2	9.7	0.7	1.7	51.8	<0.01	0.02	10.9	0.014	0.25	1.56	88	0.13	16.15	31	10.7
34	36	208758	1.01	5550	2.56	0.1	<0.05	40.9	190	10.2	84.5	<0.001	0.01	0.67	11.2	1	1.4	113	0.01	0.04	10.9	0.043	0.62	1.62	138	0.29	27.4	52	22.7
36	38	208759	2.35	4390	1.79	0.06	<0.05	53.9	630	2	120	<0.001	<0.01	0.4	9.6	0.6	0.8	88.1	<0.01	0.03	7.6	0.123	0.48	0.76	100	0.16	17.5	26	27
38	40	208760	1.68	900	2.85	0.03	<0.05	35.9	560	1	78.6	<0.001	0.01	0.18	6.6	0.6	0.5	120.5	<0.01	0.03	8.1	0.097	0.27	0.61	73	0.06	9.42	17	21.9
40	42	208761	1.74	842	1.79	0.06	<0.05	41.7	540	1.2	85	<0.001	0.01	0.17	10.3	0.6	0.9	108	<0.01	0.03	8.5	0.113	0.31	0.8	92	0.08	10.3	17	28.7
42	44	208762	3.11	941	0.92	0.05	<0.05	56.2	870	0.9	110	<0.001	<0.01	0.16	11.9	0.7	0.8	42.1	<0.01	0.03	7.5	0.164	0.38	0.73	104	0.09	12.3	22	18.7
44	46	208763	3.45	776	0.79	0.04	<0.05	52.9	850	0.9	87.7	<0.001	<0.01	0.22	11.1	0.6	0.6	25.1	<0.01	0.02	6.2	0.143	0.31	0.51	100	0.07	9.2	19	19.7
46	48	208764	3.63	393	0.68	0.04	<0.05	47	860	0.7	101	<0.001	<0.01	0.13	10	0.5	0.6	18.5	<0.01	0.02	7	0.163	0.33	0.45	95	0.06	8.63	22	23.2
48	50	208765	4.11	887	0.7	0.06	<0.05	41.2	950	0.7	110	<0.001	<0.01	0.11	12.7	0.6	0.8	28.8	<0.01	0.02	7.2	0.187	0.37	0.64	114	0.08	10	25	15.8
50	52	208766	3.84	501	0.52	0.05	<0.05	52.1	1230	1.1	113.5	<0.001	<0.01	0.15	11.9	0.6	0.6	23.4	<0.01	0.02	7.1	0.18	0.37	0.58	107	0.1	10.6	26	10.6
52	54	208767	3.92	553	0.54	0.05	<0.05	43.7	1080	0.9	113	<0.001	<0.01	0.12	11.5	0.6	0.7	20.2	<0.01	0.02	7.3	0.185	0.38	0.57	101	0.08	9.67	26	14.4
54	56	208768	3.56	534	1.46	0.04	<0.05	38.1	780	2.1	91.1	<0.001	0.01	0.15	9.4	0.7	0.7	32.7	<0.01	0.03	7.3	0.143	0.32	0.58	88	0.18	9.33	26	20.9
56	58	208769	4.23	819	1.35	0.04	<0.05	41.3	930	0.8	93.5	<0.001	<0.01	0.12	10.7	0.7	0.7	50.5	<0.01	0.02	6.9	0.163	0.36	0.71	94	2.57	10.15	24	27.1
58	60	208770	4.13	689	0.85	0.04	<0.05	44.2	800	0.8	90.3	<0.001	0.01	0.11	10.1	0.8	0.6	50.3	<0.01	0.02	6.9	0.161	0.35	0.6	91	0.18	8	24	24.9
60	62	208771	4.52	784	0.95	0.04	<0.05	42.8	970	1.7	85.3	<0.001	0.01	0.13	10.6	0.7	0.6	38.6	<0.01	0.02	6.6	0.161	0.34	2.13	96	0.18	8.6	28	21.4
62	64	208772	4.54	653	0.68	0.04	<0.05	44.5	840	0.7	93.2	<0.001	0.01	0.09	11	0.5	0.6	35.3	<0.01	0.02	7	0.167	0.35	1.55	96	0.12	8.16	27	22.2
64	66	208773	4.35	666	0.74	0.03	<0.05	45.1	850	1.5	59.5	<0.001	0.01	0.14	11.7	0.5	0.5	35.5	<0.01	0.02	6.9	0.112	0.23	2.46	100	0.08	10	30	20.4
66	68	208774	5.02	896	0.98	0.04	<0.05	37.4	890	0.8	83.9	<0.001	0.01	0.09	12.2	0.5	0.6	73.8	<0.01	0.01	6.4	0.149	0.29	5.05	103	0.13	10.2	28	24.2
68	70	208775	5.25	850	0.87	0.05	<0.05	43.3	990	0.8	84.7	<0.001	0.01	0.1	12.2	0.6	0.6	77.5	<0.01	0.02	6.2	0.155	0.32	12.7	107	0.11	9.9	28	25.5
70	72	208776	4.51	607	0.96	0.04	<0.05	42.7	800	0.7	91.1	0.001	0.02	0.11	12.6	0.7	0.7	57.4	<0.01	0.02	7.9	0.146	0.48	4.61	90	0.14	10.1	25	27.4
72	74	208777	5.37	932	0.8	0.04	<0.05	36.8	1020	0.8	75	0.001	0.25	0.13	14.4	6.1	0.7	139.5	<0.01	0.02	8	0.134	0.41	4.14	97	0.1	12.15	24	29.8
74	76	208778	5.41	960	1.1	0.03	<0.05	41.5	840	0.7	73.1	0.001	0.25	0.11	13.2	1.6	0.6	150	<0.01	0.02	8.5	0.125	0.4	3.77	86	0.1	10.9	24	28.2
76	78	208779	5.24	927	0.87	0.04	<0.05	42.4	830	0.7	80.6	0.001	0.08	0.11	13.7	1.5	0.8	133.5	<0.01	0.02	8.7	0.128	0.41	3.52	88	0.09	11.2	23	35.6
78	80	208780	5.64	1470	0.85	0.04	0.05	29.6	890	0.7	64.2	0.002	0.11	0.09	14.2	3	0.6	211	<0.01	0.01	7.1	0.101	0.31	7.38	83	0.11	13.8	20	33.6
80	82	208781	4.74	661	0.84	0.03	<0.05	45.4	810	0.9	55.6	0.001	0.4	0.2	12.5	3.2	0.6	117.5	<0.01	0.02	8	0.093	0.28	2.01	78	0.08	10.65	19	31.2
82	84	208782	4.91	652	0.84	0.03	<0.05	42.2	830	1.1	68.3	0.001	0.39	0.14	13.9	5.8	0.7	106	<0.01	0.03	7.9	0.122	0.36	1.84	93	0.09	9.87	21	29.9
84	86	208783	5.23	902	0.94	0.03	<0.05	39.2	900	2.4	67	0.001	0.29	0.11	15.2	7.3	0.6	135.5	<0.01	0.02	7.5	0.111	0.35	10.3	100	0.1	12.3	28	26.5
86	88	208784	4.51	498	0.5	0.02	<0.05	42.6	780	3.2	73.6	0.001	0.11	0.12	13.4	0.9	0.7	63.9	<0.01	0.01	7.3	0.124	0.38	7.18	93	0.06	9.58	24	25.4
88	90	208785	4.88	584	0.67	0.04	<0.05	37.9	850	3	78	0.001	0.11	0.09	14.2	2.4	0.7	86.1	<0.01	0.02	7.9	0.151	0.44	2.4	98	0.07	9.38	24	25.8
90	92	208786	4.52	325	0.8	0.04	<0.05	43	770	22.4	74.1	0.001	0.07	0.2	13.2	2.8	0.7	39.6	<0.01	0.02	7.7	0.137	0.39	2.22	93	0.13	9.03	27	29
92	94	208787	4.6	853	0.72	0.03	<0.05	37.6	890	37.6	36.3	0.001	0.32	0.79	13.4	5.2	0.5	136.5	<0.01	0.03	7.1	0.064	0.19	2.13	75	0.1	10.95	31	28.7
94	96	208788	5.4	998	0.65	0.04	<0.05	38.3	870	2.3	66.7	0.001	0.16	0.09	13.5	4.5	0.7	136	<0.01	0.02	7.9	0.133	0.35	0.9	83	0.09	10.5	20	29.6
96	98	208789	4.78	662	0.71	0.04	<0.05	34.9	790	1.3	84.7	0.001	0.39	0.09	12.1	6	0.7	106	<0.01	0.02	7.6	0.154	0.44	0.95	88	0.12	9.85	15	31
98	100	208790	4.95	782	0.7	0.04	<0.05	32.4	940	1.1	69.9	0.001	0.51	0.11	12.2	7.9	0.6	145	<0.01	0.02	7.3	0.134	0.39	0.86	93	0.12	10.3	15	28.6
100	102	208791	4.68	410	0.64	0.04	<0.05	40.4	750	1	82	0.003	0.26	0.08	12.3	3.3	0.7	68.5	<0.01	0.02	8.8	0.147	0.43	1.84	89	0.08	9.42	15	29.3
102	104	208792	4.83	594	0.85	0.03	<0.05	33.5	830	1	69.8	0.001	0.47	0.09	12	2.1	0.6	97.8	<0.01	0.02	7.6	0.129	0.39	0.97	89	0.1	9.59	13	32.2
104	106	208793	4.45	441	0.71	0.03	<0.05	36.7	710	1.1	67.4	0.001	0.49	0.09	10.9	3.6	0.6	62	<0.01	0.01	7.5	0.129	0.36	0.92	89	0.09	10.4	11	30.6
106	108	208794	4.16	325	0.81	0.04	<0.05	44.1	980	1.2	71.2	0.001	1.02	0.11	10.1	2.2	0.6	63.3	<0.01	0.03	7.2	0.13	0.41	0.68	86	0.12	9.39	10	36
108	110	208795	4.09	246	1.07	0.04	<0.05	44	720	1.3	79.1	0.001	0.93	0.16	11.2	4.4	0.7	43.4	<0.01	0.02	7.7	0.139	0.46	0.8	88	0.15	8.08	9	35

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_05	110	112	208796	<0.001	0.05	2.51	0.5	<0.2	<10	110	0.8	0.34	3.18	0.06	21	27.9	53	4.76	94.3	4.83	10.25	0.12	1.15	<0.01	0.033	1.14	10.3	16.7
RC07MO_05	112	114	208797	<0.001	0.05	2.93	1.2	<0.2	<10	100	0.94	0.26	2.79	0.08	22.1	19.2	54	5.42	94.8	4.69	12.3	0.12	0.99	<0.01	0.03	1.12	10.9	23
RC07MO_05	114	116	208798	<0.001	0.03	2.23	7.1	<0.2	<10	120	1.01	0.34	6.16	0.06	13.85	16.2	42	3.97	70.5	3.55	9.89	0.09	1.13	<0.01	0.031	1.1	6.7	16.6
RC07MO_05	116	118	208799	<0.001	0.02	0.3	16	<0.2	<10	90	0.5	0.14	10.85	0.07	12.4	27.1	13	0.41	24.7	4.01	1.37	0.08	0.55	0.02	0.031	0.14	5.9	2.9
RC07MO_05	118	120	208800	<0.001	0.02	0.33	23	<0.2	<10	90	0.49	0.09	10	0.07	21.9	42.2	12	0.32	26.1	3	1.6	0.06	0.55	0.02	0.023	0.18	10.9	2.7
RC07MO_05	120	122	208801	<0.001	0.02	3.26	15.4	<0.2	<10	140	1.01	0.08	4.59	0.08	22.2	21.8	54	6.18	39.4	3.98	13.7	0.12	0.91	0.02	0.026	1.34	10.5	22.4
RC07MO_05	122	124	208802	<0.001	0.02	3.47	8.3	<0.2	<10	100	0.9	0.16	3.08	0.07	20.6	18.7	54	6.81	38.1	4.17	13.6	0.14	0.88	0.01	0.027	1.41	10.1	24.2
RC07MO_05	124	126	208803	<0.001	0.01	3.25	0.8	<0.2	<10	100	0.85	0.35	2.43	0.06	15.15	20.1	54	6.71	76.5	4.3	12.45	0.13	0.81	<0.01	0.025	1.37	7.5	21.4
RC07MO_05	126	128	208804	<0.001	0.09	2.43	9.2	<0.2	<10	60	0.76	0.22	5.64	0.12	14.75	16.4	46	4.61	59.2	3.74	10.6	0.13	0.88	0.01	0.025	0.97	7.4	18.1
RC07MO_05	128	130	208805	0.057	0.38	1.64	43.4	<0.2	<10	70	0.78	0.36	5.93	0.17	17.1	26	39	3.56	48.9	5.47	7.73	0.16	1.03	0.11	0.041	0.88	9	16.5
RC07MO_05	130	132	208806	0.001	0.25	3.45	13.6	<0.2	<10	130	0.96	0.13	2.52	0.14	27	17.7	54	5.82	52.9	4.25	13.85	0.12	0.87	0.15	0.032	1.07	13.1	26
RC07MO_05	132	134	208807	<0.001	0.03	3.54	6.7	<0.2	<10	120	0.9	0.18	2.7	0.1	20.6	18.8	54	5.83	44.6	4.41	13.25	0.12	0.94	0.01	0.032	1.21	10.2	24.5
RC07MO_05	134	136	208808	<0.001	0.01	3.76	1.6	<0.2	<10	120	0.94	0.34	2.1	0.06	20.1	23.2	58	6.91	72.2	4.75	13.8	0.12	1.01	<0.01	0.03	1.4	9.9	22.1
RC07MO_05	136	138	208809	<0.001	0.01	2.52	1.2	<0.2	<10	90	0.8	0.25	7	0.08	16.3	14.7	45	5	42.3	3.93	9.66	0.1	0.81	<0.01	0.025	1.08	8.1	16.3
RC07MO_05	138	140	208810	<0.001	0.01	3.11	16	<0.2	<10	100	0.96	0.2	4.84	0.07	18.35	22.7	48	6.49	28.4	3.71	12.2	0.11	0.81	<0.01	0.029	1.23	8.8	22
RC07MO_05	140	142	208811	0.001	0.01	1.83	6.1	<0.2	<10	70	0.81	0.18	7.99	0.06	12.8	14.4	36	4.84	43	3.28	7.82	0.09	0.76	<0.01	0.025	0.85	6.3	14
RC07MO_05	142	144	208812	<0.001	0.01	0.49	3	<0.2	<10	40	0.48	0.09	11.45	0.06	12.25	7.4	13	0.91	29.8	3.09	2.31	0.06	0.48	<0.01	0.021	0.24	5.9	4.1
RC07MO_05	144	146	208813	<0.001	0.01	2.11	5.8	<0.2	<10	90	0.84	0.1	8.23	0.07	19.75	15.8	39	4.68	28.6	3.36	8.89	0.09	0.81	<0.01	0.025	0.9	9.9	14
RC07MO_05	146	148	208814	<0.001	0.01	3.84	3.9	<0.2	<10	150	1	0.17	3.45	0.05	18.05	18.4	58	5.92	56.3	4.29	13.9	0.1	1.04	<0.01	0.034	1.15	8.8	23.2
RC07MO_05	148	150	208815	<0.001	0.01	2.08	6.8	<0.2	<10	120	0.91	0.23	7.9	0.06	14.7	18.9	40	4.02	56.2	3.58	8.38	0.09	0.89	<0.01	0.032	0.84	7.2	13.4
RC07MO_05	150	152	208816	<0.001	0.01	0.85	4	<0.2	<10	60	0.74	0.1	10.75	0.06	19.4	8.8	26	2.6	39.4	2.88	4.49	0.08	0.62	<0.01	0.02	0.59	10	6.5
RC07MO_05	152	154	208817	<0.001	0.01	1.92	6.3	<0.2	<10	70	0.85	0.19	8.07	0.05	15.2	17.8	40	5.62	31.9	3.35	8.69	0.1	0.78	<0.01	0.022	1	7.5	15.8
RC07MO_05	154	156	208818	<0.001	0.02	2.27	8.4	<0.2	<10	90	0.88	0.12	7.85	0.07	17.9	16.6	43	5.14	29.3	3.43	9.45	0.1	0.83	<0.01	0.024	0.98	9	18.8
RC07MO_05	156	158	208819	<0.001	0.03	1.7	3.8	<0.2	<10	60	0.84	0.08	8.12	0.12	17.15	14.6	40	5.27	28.2	3.32	7.88	0.14	0.86	<0.01	0.027	1.25	8.6	13.5
RC07MO_05	158	160	208820	<0.001	0.02	2.39	7.5	<0.2	<10	70	0.87	0.09	6.76	0.09	15.9	20	47	6.11	28.5	3.78	10.25	0.16	0.89	<0.01	0.029	1.39	8	20
RC07MO_05	160	162	208821	<0.001	0.02	2.85	3	<0.2	<10	80	0.94	0.1	5.08	0.06	14.85	19.6	52	7.48	31.7	3.98	11.7	0.18	0.9	<0.01	0.031	1.78	7.3	23.7
RC07MO_05	162	164	208822	<0.001	0.01	3.12	3.3	<0.2	<10	90	0.84	0.09	4.66	0.06	15.8	16.3	55	7.33	32.5	4.19	12	0.15	0.82	<0.01	0.033	1.47	8	27
RC07MO_05	164	166	208823	<0.001	0.01	3.27	10.9	<0.2	<10	80	0.79	0.12	3.95	0.06	17.5	21.6	53	6.65	33.3	4.24	13.05	0.16	0.81	<0.01	0.036	1.3	8.6	29.2
RC07MO_05	166	168	208824	<0.001	0.01	3.95	12.4	<0.2	<10	130	0.99	0.21	2.26	0.05	21.8	24.6	59	8.05	41	4.59	14.5	0.13	1.15	<0.01	0.041	1.56	10.8	35.4
RC07MO_05	168	170	208825	<0.001	0.01	3.86	4.7	<0.2	<10	140	1.01	0.33	2.13	0.04	21.9	21.4	62	8.71	50.6	4.74	14.2	0.13	1.18	<0.01	0.039	1.64	10.7	34.1
RC07MO_05	170	172	208826	<0.001	0.01	1.63	2	<0.2	<10	70	0.7	0.2	8.96	0.07	13.9	13.2	33	4.52	39.4	3.64	6.64	0.08	0.71	<0.01	0.028	0.84	6.7	14.8
RC07MO_05	172	174	208827	<0.001	0.01	1.23	2	<0.2	<10	70	0.72	0.19	10.95	0.06	15.2	12	31	3.24	39.2	3.34	5.67	0.08	0.71	<0.01	0.028	0.71	7.6	11.6
RC07MO_05	174	176	208828	<0.001	0.01	1.8	13.7	<0.2	<10	60	0.78	0.18	8.94	0.06	14.7	18.8	39	5.36	22.5	3.51	8.18	0.1	0.65	<0.01	0.027	1.01	7.1	18.5
RC07MO_05	176	178	208829	<0.001	0.01	3.47	6.8	<0.2	<10	100	1.02	0.11	2.95	0.04	16.9	16.5	61	8.48	23.6	4.11	14.15	0.16	1.06	<0.01	0.036	1.59	8.4	35.3
RC07MO_05	178	180	208830	<0.001	0.01	3.06	1.9	<0.2	<10	120	0.93	0.18	4.95	0.08	23.2	15.5	50	6.87	35	3.98	12.2	0.13	0.98	<0.01	0.038	1.54	11.4	28.5
RC07MO_05	180	182	208831	<0.001	0.01	3.51	0.7	<0.2	<10	120	0.82	0.29	2.75	0.06	28.9	19.2	59	7.51	51.3	4.57	12.65	0.11	0.85	<0.01	0.039	1.38	13.5	34.8
RC07MO_05	182	184	208832	<0.001	0.01	3.05	1.5	<0.2	<10	100	0.83	0.32	4.41	0.07	25.7	19.9	56	6.88	55.6	4.61	11.5	0.12	0.88	<0.01	0.037	1.27	12.6	30.2
RC07MO_05	184	186	208833	<0.001	0.01	2.43	6.4	<0.2	<10	80	0.7	0.16	7.17	0.08	28	16.9	46	5.74	32.5	4	9.72	0.11	0.78	<0.01	0.032	1.09	13.7	24
RC07MO_05	186	188	208834	<0.001	0.01	2.72	9.5	<0.2	<10	90	0.77	0.14	6.49	0.07	33.6	19.1	48	5.95	27.1	4.12	10.4	0.11	0.8	<0.01	0.032	1.12	16.5	26.9
RC07MO_05	188	190	208835	<0.001	0.01	3.53	12.2	<0.2	<10	110	0.93	0.1	3.08	0.05	24.1	21.3	61	8.36	27.4	4.24	13.25	0.12	0.98	<0.01	0.041	1.45	11.6	36.2
RC07MO_05	190	192	208836	<0.001	0.01	2.68	8.4	<0.2	<10	80	0.74	0.16	6.57	0.06	20.3	20.8	49	6.49	38.3	4.18	10.3	0.11	0.83	<0.01	0.034	1.23	10.1	26
RC07MO_05	192	194	208837	<0.001	0.01	2.94	9	<0.2	<10	100	0.86	0.26	4.41	0.07	30	23.1	53	7.33	42.6	4.36	11.35	0.12	0.91	<0.01	0.035	1.3	14.4	31.1
RC07MO_05	194	196	208838	<0.001	0.01	2.86	3.9	<0.2	<10	100	0.78	0.22	4.99	0.07	29.4	20.2	51	6.06	42.6	4.48	11.15	0.12	0.9	<0.01	0.038	1.15	14.4	29.1
RC07MO_05	196	198	208839	<0.001	0.01	3.84	1.6	<0.2	<10	150	0.98	0.22	1.73	0.05	26.5	18.8	65	7.92	40.7	4.69	13.45	0.12	1.03	<0.01	0.044	1.48	13.1	38.7
RC07MO_05	198	200	208840	<0.001	0.01	2.77	0.4	<0.2	<10	80	0.7	0.19	5.51	0.07	30.1	19.3	49	5.86	54.2	4.66	10.25	0.12	0.76	<0.01	0.035	1.15	14.5	28.2
RC07MO_05	200	202	208841	<0.001	0.01	3.84	8.3	<0.2	<10	140	0.99	0.11	1.89	0.05	29.3	20.2	62	7.95	29.3	4.64	13.7	0.12	0.98	<0.01	0.043	1.54	14.1	40.5
RC07MO_05	202	204	208842	<0.001	0.01	3.66	7.7	<0.2	<10	120	0.95	0.15	2.74	0.06	33.9	21.1	59	7.75	38.3	4.65	13.65	0.14	0.89	<0.01	0.042	1.42	16.2	40.2
RC07MO_05	204	206	208843	<0.001	0.01	3.72	12	<0.2	<10	130	1.02	0.23	2.33	0.06	24.4	23.3	66	8.21	29.9	4.55	13.65	0.13	0.92	<0.01	0.043	1.52	11.9	42.2

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
110	112	208796	3.79	451	1.15	0.06	<0.05	44.8	710	1.5	60.6	0.002	1.63	0.19	12.1	2.6	0.7	89.9	<0.01	0.02	7.1	0.096	0.32	0.98	79	0.16	10.25	6	39.9
112	114	208797	4.45	391	0.75	0.04	<0.05	38.9	760	2.2	62	0.001	1.36	0.17	10.8	1.4	0.6	96.7	<0.01	0.03	7.1	0.097	0.33	1.31	71	0.17	9.67	8	32.2
114	116	208798	5.19	692	0.77	0.05	<0.05	30	830	1.4	56.4	0.002	1.04	0.19	11.1	2	0.6	194	<0.01	0.03	7.6	0.076	0.28	3.13	61	0.16	12.65	7	41.3
116	118	208799	6.13	1565	1.15	0.04	0.05	17.1	570	0.9	7.1	0.001	0.96	0.16	10.1	2.3	0.2	320	<0.01	0.03	3.3	0.012	0.03	3.04	19	0.45	14.3	9	23.4
118	120	208800	5.88	1275	1.18	0.03	0.05	12.9	490	2	8	0.001	0.44	0.21	8.4	1.5	0.3	298	<0.01	0.02	3.5	0.01	0.03	2.62	17	0.37	13	8	23.4
120	122	208801	5.89	604	0.7	0.04	<0.05	41.6	800	4.9	74.3	0.001	0.43	0.13	12.7	1.8	0.7	135.5	<0.01	0.01	6.9	0.117	0.36	3.68	80	0.1	10	11	33.5
122	124	208802	5.41	441	0.66	0.03	<0.05	38.8	800	1	77.6	0.002	0.5	0.1	11.6	0.8	0.6	92.2	<0.01	0.02	6.6	0.128	0.41	1.64	79	0.1	8.65	9	29.9
124	126	208803	4.81	331	0.72	0.03	<0.05	39	780	0.9	75.4	0.001	0.97	0.11	10	0.8	0.6	76.3	<0.01	0.03	6.5	0.123	0.4	0.73	77	0.09	7.56	8	28.5
126	128	208804	5.68	686	2.79	0.03	<0.05	32.7	750	3.3	55.8	0.001	0.73	0.25	11.7	1	0.5	164	<0.01	0.02	6.1	0.081	0.28	1.97	71	0.1	9.88	20	31.3
128	130	208805	4.75	968	3.02	0.04	<0.05	28.4	720	22.2	54.6	0.002	2.52	0.58	13.3	12.1	0.7	150.5	<0.01	0.05	5.1	0.07	0.25	2.27	70	0.53	12.25	36	39.1
130	132	208806	5.03	411	0.57	0.05	<0.05	34.6	860	6.5	70.6	<0.001	0.08	0.31	11.4	0.8	0.6	59.2	<0.01	0.02	6.7	0.11	0.32	3.06	77	0.08	9.61	22	31.5
132	134	208807	5.2	387	0.68	0.04	<0.05	32.5	810	2.2	65.2	0.001	0.67	0.14	11.6	1.6	0.7	75.5	<0.01	0.02	6.6	0.109	0.34	1.65	79	0.09	8.67	14	34.3
134	136	208808	5.1	281	0.66	0.04	<0.05	37.8	780	0.9	78.2	0.001	1.11	0.11	11.6	1.2	0.7	63.8	<0.01	0.02	7	0.122	0.39	1.12	83	0.16	8.12	9	39.4
136	138	208809	6.4	797	0.52	0.04	<0.05	27.4	690	0.8	56.6	0.001	0.76	0.12	11.6	1	0.6	199.5	<0.01	0.03	5.5	0.083	0.29	0.95	73	0.19	9.82	9	31.7
138	140	208810	6.01	574	0.6	0.04	<0.05	34.4	810	0.8	69.2	0.001	0.51	0.09	11.2	0.7	0.6	143	<0.01	0.02	6.2	0.095	0.33	0.78	72	0.11	9.38	10	31.5
140	142	208811	6.41	858	0.48	0.04	<0.05	25.6	640	0.8	52.1	0.001	0.6	0.13	10.2	0.9	0.4	214	<0.01	0.02	5.2	0.059	0.21	0.62	52	0.1	9.69	7	29.7
142	144	208812	7.09	1330	0.64	0.04	<0.05	12	510	0.7	14.1	<0.001	0.47	0.14	7.5	1	0.2	322	<0.01	0.02	3.1	0.015	0.06	0.46	20	0.19	11.15	6	20
144	146	208813	6.79	809	0.47	0.04	<0.05	26.3	630	0.7	53.3	<0.001	0.41	0.1	10.4	0.8	0.5	220	<0.01	0.01	5.5	0.062	0.21	0.65	59	0.08	10.6	7	32.9
146	148	208814	6.13	362	0.6	0.05	<0.05	35.5	840	0.8	63.8	0.001	0.7	0.14	12.1	0.9	0.8	96.5	<0.01	0.01	8	0.079	0.25	0.9	82	0.14	8.94	9	42.8
148	150	208815	6.51	770	1.01	0.06	<0.05	28.1	680	0.8	46.6	0.001	0.83	0.15	10.7	1.1	0.6	209	<0.01	0.02	5.8	0.056	0.18	0.71	56	0.27	10.15	8	35.5
150	152	208816	7.08	1030	0.58	0.04	<0.05	12.1	550	0.7	34.2	0.001	0.47	0.08	8.9	0.9	0.3	308	<0.01	0.02	3.7	0.04	0.13	0.5	43	0.15	10.3	7	25.8
152	154	208817	6.67	768	0.49	0.04	<0.05	24.8	640	0.7	61.9	<0.001	0.54	0.1	10.1	0.8	0.4	219	<0.01	0.02	5.4	0.071	0.25	0.69	63	0.39	9.59	7	30.1
154	156	208818	6.88	770	0.49	0.04	<0.05	26.3	660	1.5	57.7	0.001	0.42	0.12	10.6	0.8	0.5	217	<0.01	0.02	5.3	0.07	0.23	0.75	65	0.15	9.9	10	33.2
156	158	208819	6.45	795	0.65	0.04	<0.05	22.8	640	3.9	74.3	<0.001	0.42	0.07	12	0.8	0.5	202	<0.01	0.01	5.3	0.092	0.31	0.72	70	0.23	11.4	16	34.8
158	160	208820	6.56	678	0.67	0.05	<0.05	26.9	670	2.7	79.7	0.001	0.49	0.06	12.2	0.8	0.6	170.5	<0.01	0.02	5.2	0.107	0.34	0.72	78	0.25	10.2	14	35.8
160	162	208821	6.17	547	0.44	0.04	<0.05	28	700	1	102	<0.001	0.55	<0.05	12.3	0.7	0.7	121.5	<0.01	0.02	6	0.143	0.46	0.72	83	0.17	9.3	11	35.9
162	164	208822	6.13	577	0.8	0.04	<0.05	28.7	720	0.8	85.3	<0.001	0.45	0.06	12.2	0.8	0.6	120.5	<0.01	0.01	7.4	0.123	0.36	0.75	85	0.15	8.85	14	34.6
164	166	208823	5.92	522	0.55	0.04	<0.05	34.1	800	0.8	78.2	<0.001	0.47	0.07	11.8	0.8	0.6	113.5	<0.01	0.01	7.8	0.11	0.35	0.81	81	0.13	9.06	14	33.6
166	168	208824	5.71	325	0.45	0.04	<0.05	38.6	760	0.8	88.7	<0.001	0.56	0.09	12.2	0.8	0.8	63.1	<0.01	0.02	8.7	0.131	0.38	0.94	84	0.12	8.79	16	46.1
168	170	208825	5.56	293	0.69	0.05	<0.05	45.9	740	0.8	94.6	<0.001	0.69	0.11	11.7	0.8	0.8	61.4	<0.01	0.03	9.7	0.132	0.4	1.01	86	0.15	8.57	15	47.1
170	172	208826	6.55	1190	0.58	0.05	<0.05	20.8	570	0.7	50.8	<0.001	0.51	0.09	9	0.8	0.4	236	<0.01	0.02	6.1	0.066	0.21	0.67	50	0.23	10.75	10	30
172	174	208827	6.35	1260	0.58	0.06	<0.05	16.2	540	0.7	40	<0.001	0.51	0.1	9.8	0.9	0.5	273	<0.01	0.02	5	0.054	0.16	0.63	50	0.28	12	9	29.4
174	176	208828	6.91	1150	0.53	0.04	<0.05	24.9	580	0.8	62	<0.001	0.3	0.07	10.5	0.9	0.5	239	<0.01	0.02	5.7	0.081	0.25	0.66	64	0.19	10.5	11	27.6
176	178	208829	5.7	393	0.49	0.04	<0.05	38.7	760	0.7	93.9	<0.001	0.38	0.08	12.3	0.6	0.7	80.3	<0.01	0.01	8.8	0.135	0.4	0.89	92	0.17	8.8	15	39.8
178	180	208830	5.88	666	0.35	0.05	<0.05	28	700	0.6	86.4	<0.001	0.43	0.07	12.7	0.8	0.8	127.5	<0.01	0.01	7.9	0.126	0.36	0.89	76	0.14	9.96	14	40.3
180	182	208831	5.33	408	0.56	0.05	<0.05	37.6	740	0.7	80	0.001	0.73	0.1	10.6	0.8	0.7	84.3	<0.01	0.03	8.9	0.112	0.34	0.97	79	0.13	8.6	17	36.1
182	184	208832	5.66	624	0.61	0.05	<0.05	33.3	760	0.8	73.2	<0.001	0.77	0.11	10.8	0.8	0.6	130	<0.01	0.03	8.1	0.106	0.32	0.87	78	0.19	9.14	16	36
184	186	208833	6.23	1060	0.41	0.05	<0.05	26.5	690	0.6	64.7	<0.001	0.43	0.08	10.5	0.8	0.5	198.5	<0.01	0.02	6.9	0.091	0.27	0.74	69	0.12	10.7	14	32.7
186	188	208834	6.1	972	0.44	0.04	<0.05	29.7	700	0.8	64.7	<0.001	0.41	0.08	10.7	0.9	0.6	180.5	<0.01	0.02	7.1	0.095	0.27	0.79	74	0.1	10.35	16	33.5
188	190	208835	5.15	453	0.56	0.05	<0.05	40.6	720	0.6	85.7	<0.001	0.42	0.06	11.2	0.7	0.7	83.5	<0.01	0.01	9.3	0.128	0.36	0.89	86	0.16	11.35	19	40.4
190	192	208836	5.65	926	0.44	0.05	<0.05	29.3	670	0.6	71.1	<0.001	0.67	0.05	10.1	0.9	0.6	161	<0.01	0.01	7.6	0.106	0.32	0.8	73	0.12	10.25	15	33.7
192	194	208837	5.2	797	0.58	0.05	<0.05	36.4	730	0.7	76.9	<0.001	0.52	0.09	10.6	0.7	0.6	125	<0.01	0.03	8.6	0.116	0.34	0.8	75	0.15	9.21	17	36.2
194	196	208838	5.61	943	0.51	0.05	<0.05	30.4	710	0.8	66.2	0.001	0.62	0.09	11.1	0.8	0.6	142.5	<0.01	0.02	8	0.102	0.28	0.83	77	0.16	10.05	17	36.1
196	198	208839	4.77	327	0.46	0.05	<0.05	35.7	670	0.6	83.1	<0.001	0.57	0.09	11.9	0.6	0.8	53.2	<0.01	0.02	9.6	0.133	0.37	0.91	91	0.11	8.18	21	41.4
198	200	208840	5.28	909	0.3	0.04	<0.05	24.3	710	0.6	65.2	<0.001	0.67	0.08	10.4	0.9	0.6	173.5	<0.01	0.03	7.2	0.104	0.28	0.72	75	0.08	9.79	16	31.2
200	202	208841	4.79	339	0.4	0.05	<0.05	37	690	0.8	87.4	<0.001	0.38	0.07	11.7	0.6	0.8	62.4	<0.01	0.02	9.3	0.143	0.37	0.85	88	0.11	8.05	22	40.7
202	204	208842	4.95	459	0.57	0.05	<0.05	37.7	720	0.6	84.7	<0.001	0.43	0.07	11.9	0.7	0.8	92.4	<0.01	0.02	9.2	0.132	0.36	0.85	84	0.17	9.18	22	39.5
204	206	208843	4.88	398	0.37	0.04	<0.05	36.6	620	0.5	86.7	<0.001	0.37	0.08	12.5	0.6	0.8	84.5	<0.01	0.02	8.9	0.139	0.37	0.82	91	0.08	7.95	23	38.9

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_05	206	208	208844	<0.001	0.01	3.47	5.8	<0.2	<10	110	0.86	0.21	3.94	0.08	33.1	19.7	58	7.1	36.4	4.67	12.65	0.13	0.77	<0.01	0.043	1.34	16.1	38.1
RC07MO_05	208	210	208845	<0.001	0.01	3.05	6.1	<0.2	<10	100	0.82	0.19	6.2	0.09	34.8	18.8	53	6.01	36	4.52	10.95	0.12	0.81	<0.01	0.04	1.19	16.8	34
RC07MO_05	210	212	208846	<0.001	0.03	3.34	6.5	<0.2	<10	130	0.92	0.21	5.93	0.06	35.9	16.9	54	6	33.9	4.47	10.8	0.14	0.85	<0.01	0.045	1.2	17.3	34.9
RC07MO_05	212	214	208847	<0.001	0.01	3.52	5.7	<0.2	10	140	1.06	0.22	5.37	0.06	39.3	17	56	6.33	35	4.63	11.6	0.15	0.91	<0.01	0.047	1.26	19.2	37.4
RC07MO_05	214	216	208848	<0.001	0.01	3.65	5	<0.2	<10	140	1.04	0.22	4.09	0.05	35	19.7	56	6.76	41.8	4.72	11.95	0.13	0.94	<0.01	0.045	1.3	17.4	39.1
RC07MO_05	216	218	208849	<0.001	0.02	3.27	1.7	<0.2	<10	110	0.93	0.43	1.67	0.03	48.4	31	59	6.34	99.4	5.37	10.7	0.14	1.06	<0.01	0.041	1.11	24.7	36.4
RC07MO_05	218	220	208850	<0.001	0.02	2.9	<0.1	<0.2	<10	100	0.93	0.32	3.97	0.05	29.1	23.8	54	5.3	96.7	4.89	9.52	0.11	0.94	<0.01	0.04	1	14.7	32.3
RC07MO_05	220	222	208851	<0.001	0.02	2.47	5.3	<0.2	<10	80	0.82	0.15	5.67	0.04	23.9	16.2	44	4.67	40.8	3.95	8.56	0.1	0.76	<0.01	0.033	0.87	12.1	27.7
RC07MO_05	222	224	208852	<0.001	0.03	3.06	13.9	<0.2	10	120	1.13	0.12	4.32	0.03	26.7	20.7	51	3.96	32.6	4.09	10.9	0.09	1.01	<0.01	0.043	0.9	13.3	36
RC07MO_05	224	226	208853	<0.001	0.03	2.05	6.1	<0.2	10	80	0.82	0.12	8.04	0.07	28.3	13.5	35	3.17	30.3	3.91	6.78	0.08	0.74	<0.01	0.032	0.72	14.3	22.4
RC07MO_05	226	228	208854	<0.001	0.06	1.65	16.1	<0.2	10	60	0.74	0.07	8.17	0.07	21	16.1	23	1.17	12.8	3.62	4.73	0.06	0.66	<0.01	0.026	0.47	10.5	14.9
RC07MO_05	228	230	208855	<0.001	0.01	3.6	9.7	<0.2	<10	130	1.07	0.16	2.69	0.03	25.8	18.9	57	7.33	32.5	4.38	12	0.12	1.01	<0.01	0.042	1.33	12.6	39.4
RC07MO_05	230	232	208856	<0.001	0.03	3.4	4.2	<0.2	<10	110	0.99	0.35	3.24	0.03	36.4	19.7	57	7.1	54.4	4.64	11.35	0.14	0.92	<0.01	0.039	1.29	18.1	40.3
RC07MO_05	232	234	208857	<0.001	0.01	3.47	12.6	<0.2	<10	110	0.9	0.18	5.91	0.04	29.2	19.6	55	6.18	32	4.07	10.85	0.12	0.73	<0.01	0.038	1.18	14.6	37.7
RC07MO_05	234	236	208858	<0.001	0.01	3.92	9.4	<0.2	<10	120	1.01	0.12	2.25	0.02	26.8	19.9	61	6.9	30.7	4.59	13.45	0.15	0.86	<0.01	0.042	1.29	13.4	45.1
RC07MO_05	236	238	208859	<0.001	0.02	4.04	8.8	<0.2	<10	120	1.05	0.24	2.07	0.02	34.3	21.2	65	7.81	38.2	5	13.7	0.16	0.77	<0.01	0.047	1.57	16.8	47.5
RC07MO_05	238	240	208860	<0.001	0.01	4.02	17.2	<0.2	<10	120	1.04	0.15	1.93	0.02	48.7	25.2	66	7.22	35.5	5.05	13.5	0.17	0.83	<0.01	0.045	1.44	23.4	47.4
RC07MO_05	240	242	208861	<0.001	0.01	4.07	10	<0.2	<10	120	1.01	0.21	2.82	0.02	40.7	20.1	64	7.33	32.3	5.09	13.35	0.15	0.65	<0.01	0.047	1.43	19.7	46.8
RC07MO_05	242	244	208862	<0.001	0.01	3.93	9.7	<0.2	<10	110	1.05	0.26	1.85	0.01	29.9	21	65	6.81	35.5	5.17	13.6	0.16	0.81	<0.01	0.047	1.31	15.5	46.3
RC07MO_05	244	246	208863	<0.001	0.01	3.72	5.7	<0.2	<10	120	1.04	0.26	2.93	0.03	40.2	19.3	60	6.73	39	4.86	12.45	0.15	0.83	<0.01	0.043	1.35	19.6	42.3
RC07MO_05	246	248	208864	<0.001	0.01	3.66	0.9	<0.2	<10	100	0.93	0.27	1.73	0.02	49.9	19.3	65	7.01	46.8	5.14	12.4	0.18	0.72	<0.01	0.039	1.35	24.7	43.4
RC07MO_05	248	250	208865	<0.001	0.01	3.77	5.8	<0.2	<10	110	0.98	0.21	1.71	0.02	46	21.1	72	7.21	46.2	5.25	12.95	0.19	0.76	<0.01	0.044	1.41	22.5	45.9
RC07MO_05	250	252	208866	<0.001	0.01	3.69	2.4	<0.2	<10	110	1.07	0.23	1.76	0.02	31.8	20.9	70	7.68	48.5	5.25	13	0.17	0.81	<0.01	0.043	1.47	15.9	46.9
RC07MO_05	252	254	208867	<0.001	0.01	3.68	8.2	<0.2	<10	110	1.06	0.28	1.77	0.02	39	20	62	7.33	39.6	4.97	12.25	0.15	0.6	<0.01	0.041	1.5	19.1	44.4
RC07MO_05	254	256	208868	<0.001	0.01	3.66	15.6	<0.2	<10	120	1.15	0.26	2.09	0.02	28.8	22.2	61	7.1	32.4	4.67	12.65	0.13	0.87	<0.01	0.039	1.45	14.6	45.8
RC07MO_05	256	258	208869	<0.001	0.01	3.3	9.7	<0.2	<10	90	1.03	0.27	1.28	0.02	23.4	20.5	57	7.02	37.3	4.53	11.55	0.12	0.79	<0.01	0.032	1.31	11.8	42.9
RC07MO_05	258	260	208870	<0.001	0.01	2.95	6.4	<0.2	<10	90	1	0.34	3.98	0.04	23.8	17.4	54	6.75	33.7	4.54	10.25	0.13	0.79	<0.01	0.033	1.32	11.9	36.3
RC07MO_05	260	262	208871	<0.001	0.01	1.88	6.2	<0.2	<10	70	0.83	0.09	7.48	0.04	18.2	11.3	36	4.4	20.3	3.7	7.13	0.09	0.69	<0.01	0.028	1.04	8.9	22.5
RC07MO_05	262	264	208872	<0.001	0.01	1.8	12.9	<0.2	<10	60	0.82	0.06	8.07	0.05	21.1	13.7	35	4.22	13.5	3.51	6.84	0.09	0.71	<0.01	0.028	1	10.4	22
RC07MO_05	264	266	208873	<0.001	0.01	2.59	16.6	<0.2	<10	70	0.98	0.12	4.82	0.05	20.3	18	48	5.28	17.9	3.73	9.56	0.09	0.77	<0.01	0.029	1.07	9.9	33.3
RC07MO_05	266	268	208874	<0.001	0.01	3.82	2.9	<0.2	<10	170	1.45	0.23	2.31	0.02	27.6	16.9	63	6.71	39.9	4.67	13.5	0.13	1.04	<0.01	0.041	1.61	13.6	42.3
RC07MO_05	268	270	208875	<0.001	0.01	3.24	0.9	<0.2	<10	100	1.17	0.43	1.64	0.02	21.3	18.1	58	6.51	52.7	4.76	11.15	0.11	0.93	<0.01	0.032	1.35	10.6	38.6
RC07MO_05	270	272	208876	<0.001	0.01	2.95	4	<0.2	<10	90	0.99	0.57	2.44	0.03	18.5	25.2	56	5.97	62.5	5.39	10.1	0.13	0.85	<0.01	0.033	1.18	9	34.6
RC07MO_05	272	274	208877	<0.001	0.01	2.55	0.8	<0.2	<10	90	1.04	0.34	4.7	0.04	16.8	16.4	54	5.29	42.2	4.6	9.07	0.1	0.83	<0.01	0.028	1.17	8	28.9
RC07MO_05	274	276	208878	<0.001	0.01	1.8	0.6	<0.2	10	70	0.84	0.28	6.54	0.05	31.4	16.9	45	3.98	35.8	4.45	6.53	0.09	0.7	<0.01	0.027	0.91	15.6	22.7
RC07MO_05	276	278	208879	<0.001	0.01	2.33	0.2	<0.2	<10	80	1.02	0.41	5.43	0.04	13.7	16.8	51	5.28	51.3	4.65	9.01	0.09	0.83	<0.01	0.027	1.14	6.3	26.3
RC07MO_05	278	280	208880	<0.001	0.01	0.85	<0.1	<0.2	<10	40	0.58	0.22	9.51	0.05	12.85	11.1	20	1.65	30.7	3.96	3.25	0.07	0.55	<0.01	0.022	0.45	5.8	9.9
RC07MO_05	280	282	208881	<0.001	0.01	2.63	0.4	<0.2	50	100	0.92	0.57	3.02	0.04	16.2	24.2	55	4.63	65.8	5.67	8.75	0.11	0.93	<0.01	0.025	1.07	8.3	29.5
RC07MO_05	282	284	208882	<0.001	0.01	3.18	0.6	<0.2	50	110	0.98	0.71	2.17	0.04	15.1	22.5	58	5.56	69	5.78	10.35	0.11	0.97	0.01	0.029	1.26	7.6	37.2
RC07MO_05	284	286	208883	<0.001	0.01	2.87	4.9	<0.2	40	110	0.83	0.52	4.86	0.06	42.5	20	54	5.17	43.3	5.1	9.63	0.13	0.83	<0.01	0.031	1.16	22	34.4
RC07MO_05	286	288	208884	0.001	<0.01	3.64	17.2	<0.2	40	90	0.93	0.08	3.71	0.05	49.1	20.3	69	6.27	15.7	4.55	12.1	0.15	0.81	<0.01	0.036	1.27	24.9	45.4
RC07MO_05	288	290	208885	0.001	0.01	3.71	12.8	<0.2	40	100	0.93	0.19	2.74	0.05	29.2	20.7	70	6.07	25.1	4.97	11.7	0.12	0.78	<0.01	0.033	1.29	14.6	45.2
RC07MO_05	290	292	208886	<0.001	0.01	3.68	5.8	<0.2	40	100	0.94	0.18	2.94	0.04	53.8	20.2	73	6.01	37.9	5.27	11.8	0.15	0.76	<0.01	0.036	1.25	28	45
RC07MO_05	292	294	208887	0.001	<0.01	3.83	17.5	<0.2	30	100	0.94	0.15	2.5	0.04	43.2	26.4	69	6.82	29	5.1	12.35	0.15	0.74	<0.01	0.037	1.41	22.1	46
RC07MO_05	294	296	208888	0.001	<0.01	3.47	9.8	<0.2	30	100	0.89	0.18	1.51	0.03	24.5	20.4	65	5.34	32.5	4.74	11.35	0.11	0.79	<0.01	0.034	1.14	12.6	42.3
RC07MO_05	296	298	208889	0.001	0.01	3.36	1.2	<0.2	30	90	0.8	0.29	1.82	0.04	41.7	23.2	62	5.2	49.6	5.64	10.45	0.14	0.7	<0.01	0.031	1.07	21.5	38.4
RC07MO_05	298	300	208890	0.001	0.01	3.14	0.3	<0.2	30	80	0.79	0.28	2.65	0.05	19.35	20.5	60	5.65	46.8	5.42	10.25	0.15	0.71	<0.01	0.029	1.09	10.3	38.5
RC07MO_06R	0	2	208918	0.016	0.02	2.51	5	<0.2	20	310	0.77	0.22	10.3	0.16	47.2	9.1	25	2.66	16.3	2.39	5.92	0.07	0.66	0.03	0.027	0.55	27.3	14.1

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
206	208	208844	5.37	670	0.47	0.05	<0.05	34.5	720	0.5	76.9	0.001	0.45	0.09	11.3	0.7	0.7	136	<0.01	0.02	8.3	0.123	0.33	0.81	85	0.12	9.25	22	33.9
208	210	208845	5.95	1020	0.53	0.05	<0.05	29.4	760	0.6	64.5	<0.001	0.44	0.09	11.3	0.8	0.7	201	<0.01	0.03	8.2	0.106	0.28	0.81	82	0.14	9.76	20	33.9
210	212	208846	5.45	1050	0.59	0.08	<0.05	29.8	800	2.6	62.1	<0.001	0.51	0.1	13	0.8	0.7	208	<0.01	0.03	6.3	0.114	0.32	0.73	86	0.14	10.1	24	28.5
212	214	208847	5.49	958	0.75	0.08	<0.05	31.9	790	1.2	66.7	0.001	0.56	0.12	13.8	0.8	0.8	185	<0.01	0.03	6.8	0.122	0.33	1.73	90	0.26	10.45	28	30.9
214	216	208848	5.07	730	0.56	0.07	<0.05	36	770	1.2	69.5	<0.001	0.74	0.11	13.1	0.8	0.8	143.5	<0.01	0.03	7.3	0.13	0.36	1.22	87	0.13	9.55	24	31.5
216	218	208849	3.96	351	1.03	0.06	<0.05	55.1	700	1.3	62	0.001	1.59	0.14	9.8	1.5	0.6	62.4	<0.01	0.04	8.7	0.111	0.31	0.89	73	0.13	7.66	23	33.3
218	220	208850	4.64	759	0.68	0.07	<0.05	38.8	710	1.2	54.3	0.001	1.22	0.11	10.6	1.2	0.6	134.5	<0.01	0.03	7.1	0.098	0.28	0.8	77	0.16	8.87	21	31.3
220	222	208851	5.1	1040	0.42	0.05	<0.05	27.6	700	0.8	46.8	<0.001	0.56	0.1	10.2	0.8	0.5	175	<0.01	0.02	6	0.089	0.24	0.66	72	0.1	9.72	18	25.1
222	224	208852	5.04	764	0.47	0.06	<0.05	34.5	750	1.3	47.2	<0.001	0.44	0.19	11.9	0.7	0.6	153.5	<0.01	0.02	7.6	0.082	0.23	0.84	78	0.09	9.96	21	33.2
224	226	208853	5.92	1410	0.43	0.06	<0.05	21.5	690	2.7	36.8	<0.001	0.43	0.13	9.7	0.8	0.4	263	<0.01	0.02	5.5	0.066	0.18	0.63	55	0.12	10.95	22	25
226	228	208854	5.71	1490	0.34	0.05	<0.05	20.6	650	36.7	23	<0.001	0.26	0.3	8	0.7	0.3	316	<0.01	0.02	5.1	0.031	0.1	0.62	34	0.08	10.15	16	22.5
228	230	208855	4.84	546	0.51	0.04	<0.05	35.5	840	1.4	74.6	<0.001	0.42	0.11	11	0.6	0.7	89.7	<0.01	0.02	7.6	0.14	0.38	0.81	86	0.07	8.65	25	33.3
230	232	208856	4.59	588	0.52	0.06	<0.05	33.6	750	1.1	72.3	<0.001	0.68	0.12	11.3	0.7	0.6	113	<0.01	0.04	7.3	0.138	0.39	0.76	89	0.11	8.57	22	29.6
232	234	208857	4.13	747	0.62	0.07	<0.05	29.9	790	0.8	65.1	<0.001	0.46	0.08	11	0.7	0.6	231	<0.01	0.02	6.5	0.125	0.33	0.72	85	0.14	10.15	22	25.9
234	236	208858	4.18	350	0.61	0.05	<0.05	38.6	810	0.7	73.6	<0.001	0.44	0.07	12	0.7	0.7	84.6	<0.01	0.02	7.6	0.147	0.38	0.74	90	0.1	8.55	25	28.8
236	238	208859	4.29	386	0.52	0.07	<0.05	38.2	930	1	87.6	<0.001	0.53	0.1	13.4	0.8	0.8	71.9	<0.01	0.03	7.6	0.179	0.45	0.72	100	0.12	8.32	26	27.2
238	240	208860	4.09	355	0.57	0.07	<0.05	42.7	790	0.6	77.1	<0.001	0.59	0.08	12.8	0.8	0.8	64.8	<0.01	0.02	7.2	0.171	0.4	0.69	98	0.14	7.75	25	28.1
240	242	208861	4.29	450	0.6	0.06	<0.05	39.1	880	0.9	77.8	<0.001	0.53	0.1	12.5	0.7	0.8	103	<0.01	0.02	7.6	0.16	0.4	0.68	94	0.12	9	26	23.8
242	244	208862	3.91	295	0.49	0.06	<0.05	38.5	840	0.7	71.1	<0.001	0.59	0.11	12.2	0.6	0.8	66.5	<0.01	0.02	6.8	0.162	0.39	0.62	93	0.1	8.48	23	26.5
244	246	208863	4.25	472	0.52	0.07	<0.05	36.2	780	0.9	72.1	<0.001	0.67	0.1	11.9	0.8	0.8	100	<0.01	0.03	7.2	0.153	0.38	0.71	90	0.12	8.93	22	28.5
246	248	208864	3.78	312	0.48	0.05	<0.05	36.3	740	0.6	75.8	<0.001	0.76	0.1	11.7	0.7	0.7	61.3	<0.01	0.03	6.7	0.163	0.4	0.56	93	0.08	7.03	22	23.9
248	250	208865	3.95	349	0.65	0.06	<0.05	37.7	720	0.6	77.9	<0.001	0.7	0.1	12.7	0.7	0.7	58.2	<0.01	0.02	7.1	0.174	0.41	0.6	104	0.13	6.82	23	24.8
250	252	208866	4.03	386	0.7	0.06	<0.05	38.6	760	0.6	84.3	<0.001	0.78	0.12	12.8	0.9	0.8	54.1	<0.01	0.02	6.7	0.176	0.44	0.63	100	0.14	7.31	22	26.9
252	254	208867	4.06	381	0.69	0.06	<0.05	37.2	1100	0.6	83.1	<0.001	0.67	0.1	11.6	0.8	0.8	55.6	<0.01	0.03	7.3	0.166	0.44	0.7	90	0.14	7.89	20	22.4
254	256	208868	4.29	449	0.6	0.07	<0.05	36.1	860	0.6	80	<0.001	0.6	0.1	11.6	0.7	0.8	57	<0.01	0.02	7.3	0.157	0.41	0.71	89	0.11	8	17	29
256	258	208869	3.79	309	0.61	0.06	<0.05	37.8	720	0.5	76.7	<0.001	0.68	0.11	9.6	0.6	0.7	38.1	<0.01	0.03	6.9	0.145	0.4	0.67	77	0.13	6.84	15	26.2
258	260	208870	4.74	795	0.61	0.07	<0.05	32.4	830	0.6	74.1	<0.001	0.67	0.12	10.4	0.7	0.6	122.5	<0.01	0.03	6.3	0.14	0.38	0.71	78	0.15	8.28	16	26.1
260	262	208871	5.62	1630	0.35	0.05	<0.05	20.4	850	0.5	56.8	<0.001	0.37	0.07	9.2	0.7	0.5	230	<0.01	0.01	4.6	0.1	0.28	0.61	59	0.09	10.25	13	22.6
262	264	208872	5.79	1650	0.38	0.05	<0.05	21.1	770	0.5	54.4	<0.001	0.28	0.07	9.3	0.8	0.5	247	<0.01	0.01	4.4	0.094	0.26	0.6	57	0.1	10.65	11	22.8
264	266	208873	4.93	891	0.64	0.06	<0.05	28.2	780	0.6	60.4	<0.001	0.4	0.09	9.9	0.6	0.5	152	<0.01	0.02	5.9	0.105	0.29	0.67	70	0.14	8.81	23	24.4
266	268	208874	4.43	488	0.58	0.11	<0.05	32.4	730	0.7	83.6	<0.001	0.89	0.12	14	0.8	1.1	72.7	<0.01	0.02	7.2	0.144	0.4	0.82	90	0.22	7.8	16	33
268	270	208875	4.01	344	0.56	0.06	<0.05	34.6	730	0.7	75.5	<0.001	1.2	0.16	10.1	1.2	0.7	52.6	<0.01	0.03	6.8	0.13	0.38	0.73	75	0.13	6.62	13	29.7
270	272	208876	3.94	456	1.75	0.06	<0.05	46.2	750	1	65.6	0.001	1.64	0.19	9.3	1.7	0.6	77.9	<0.01	0.04	7.1	0.118	0.33	0.81	74	0.25	6.99	17	26.4
272	274	208877	4.82	834	0.57	0.06	<0.05	32.2	730	0.8	63.1	0.001	1.26	0.15	10.4	1.3	0.6	142	<0.01	0.02	6.3	0.104	0.29	0.79	78	0.16	7.9	12	26
274	276	208878	4.95	1280	0.9	0.07	<0.05	33	680	0.8	49.8	0.001	1.32	0.13	9.8	1.4	0.5	201	<0.01	0.02	5.1	0.08	0.21	0.66	63	0.27	9.55	13	22.7
276	278	208879	4.96	1030	0.77	0.08	<0.05	32.4	820	0.9	63	0.001	1.29	0.18	10	1.3	0.6	186	<0.01	0.03	6.2	0.099	0.28	0.76	71	0.18	8.71	15	25.8
278	280	208880	5.97	2060	0.55	0.06	<0.05	19.3	650	0.6	24.4	<0.001	0.82	0.14	7.2	1.1	0.3	331	<0.01	0.02	3.8	0.035	0.11	0.47	29	0.2	10.7	9	17.3
280	282	208881	3.92	616	0.81	0.05	<0.05	48.4	850	1.1	70.3	0.001	2.07	0.21	8.4	1.8	0.7	92.1	<0.01	0.03	6.9	0.093	0.26	0.81	64	0.2	7.37	15	39.2
282	284	208882	4.07	490	0.66	0.06	<0.05	38.2	850	0.9	82.7	<0.001	1.67	0.21	8.3	1.3	0.7	66.2	<0.01	0.04	7.6	0.115	0.36	0.85	70	0.19	7.6	16	42.6
284	286	208883	5	1050	0.71	0.06	<0.05	38.4	1000	0.8	77.1	<0.001	1.18	0.19	8.9	1.1	0.7	137.5	<0.01	0.04	6.9	0.106	0.33	0.79	74	0.18	9.85	17	37.5
286	288	208884	4.89	730	0.6	0.05	<0.05	34.5	860	0.7	89.7	<0.001	0.41	0.12	11.1	0.7	0.7	105.5	<0.01	0.01	7.8	0.134	0.37	0.82	93	0.12	9.23	24	35.8
288	290	208885	4.54	551	0.61	0.04	<0.05	40.1	880	0.7	85.7	<0.001	0.75	0.15	9.9	0.9	0.7	75.2	<0.01	0.02	7.6	0.133	0.36	0.78	89	0.1	8.07	22	35.8
290	292	208886	4.37	539	0.61	0.05	<0.05	51.1	870	0.8	85.1	0.001	1.07	0.18	11.1	1.3	0.7	83.9	<0.01	0.02	8.4	0.128	0.32	0.78	100	0.11	8.31	24	33.5
292	294	208887	4.29	434	0.58	0.05	<0.05	44.6	840	0.7	98.2	0.001	0.87	0.14	11.1	1.1	0.7	73.3	<0.01	0.02	7.1	0.146	0.38	0.71	94	0.14	7.91	22	35
294	296	208888	3.71	283	0.57	0.05	<0.05	41.1	770	0.7	76.3	0.001	0.95	0.19	9.2	1	0.7	39.5	<0.01	0.02	7.3	0.114	0.31	0.69	78	0.15	7.27	20	33.3
296	298	208889	3.69	356	0.58	0.05	<0.05	44.6	960	0.9	71.5	0.001	1.6	0.16	7.9	1.5	0.6	51.2	<0.01	0.02	7.1	0.109	0.32	0.64	72	0.13	7.32	21	32.3
298	300	208890	3.89	555	0.55	0.04	<0.05	43.3	810	0.8	77.8	<0.001	1.48	0.17	8.4	1.4	0.6	78.5	<0.01	0.03	7.1	0.111	0.34	0.66	74	0.11	7.5	19	31.9
0	2	208918	0.99	395	1.09	0.1	0.09	24.2	430	12	31.9	<0.001	0.04	0.33	5	1	0.9	208	<0.01	0.12	5.6	0.027	0.19	0.72	47	0.07	19.05	37	20.1

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_06R	2	4	208919	0.01	0.02	1.87	7	<0.2	10	440	0.76	0.32	10.1	0.2	48.2	10.7	21	2.11	17.8	2.39	4.81	0.07	0.61	0.03	0.025	0.46	28.9	12.1
RC07MO_06R	4	6	208920	0.006	0.02	2.26	5.5	<0.2	30	350	0.97	0.29	6.94	0.12	63.8	12	25	2.09	19.8	2.65	5.98	0.08	0.6	0.01	0.028	0.48	30.6	14
RC07MO_06R	6	8	208921	0.004	0.02	1.71	4.9	<0.2	20	250	0.88	0.28	6.78	0.11	63.6	11.4	25	1.72	19.5	2.62	4.81	0.08	0.58	<0.01	0.022	0.38	29.8	11
RC07MO_06R	8	10	208922	0.002	0.03	1.75	5.3	<0.2	20	170	0.93	0.31	3.38	0.04	67.5	11.9	25	1.67	19.6	2.89	5.36	0.08	0.61	<0.01	0.025	0.4	26.9	10.8
RC07MO_06R	10	12	208923	0.002	0.03	2.08	4.4	<0.2	20	80	0.83	0.33	1.13	0.01	66.5	5.9	28	1.62	18	2.84	6.15	0.07	0.61	0.01	0.028	0.44	25.6	10.5
RC07MO_06R	12	14	208924	0.002	0.02	2.18	4.5	<0.2	10	90	0.82	0.32	1.01	0.01	67.8	6.5	29	1.77	18.6	2.82	6.58	0.08	0.64	<0.01	0.029	0.49	27	11.5
RC07MO_06R	14	16	208925	0.002	0.02	1.29	5.4	<0.2	10	140	0.62	0.28	0.95	0.01	46.4	5.3	23	1.23	15.4	2.74	4.25	0.07	0.55	<0.01	0.021	0.3	19.2	7
RC07MO_06R	16	18	208926	0.004	0.02	1.73	5.1	<0.2	10	160	0.77	0.27	2.68	0.02	55.6	5.9	27	1.5	16.1	2.62	4.94	0.08	0.57	0.03	0.024	0.37	26.2	8.6
RC07MO_06R	18	20	208927	0.004	0.02	1.03	9.6	<0.2	10	490	0.74	0.39	0.55	0.03	72.1	9.7	33	1.07	14.3	4.75	4.12	0.08	0.61	0.01	0.025	0.21	22	5.3
RC07MO_06R	20	22	208928	0.003	0.02	1.13	8.8	<0.2	10	450	0.68	0.33	2.54	0.02	57.5	8.7	28	1.21	13.7	3.98	4	0.07	0.57	<0.01	0.024	0.23	22.6	5.5
RC07MO_06R	22	24	208929	0.002	0.01	0.5	4.5	<0.2	<10	110	0.4	0.17	9.24	0.03	29.9	3.1	13	0.81	8.1	1.92	1.86	<0.05	0.32	<0.01	0.012	0.12	12.6	2.7
RC07MO_06R	24	26	208930	0.001	0.02	1.1	6.6	<0.2	10	300	0.68	0.24	6.06	0.12	45.8	6.7	22	1.28	11.3	2.74	3.46	0.05	0.48	0.04	0.02	0.24	19.6	6.3
RC07MO_06R	26	28	208931	0.001	0.02	1.09	3.7	<0.2	10	200	0.57	0.15	9.07	0.2	43.3	3.7	17	1.38	7.6	1.59	3	0.05	0.41	0.03	0.017	0.26	19	5.7
RC07MO_06R	28	30	208932	0.001	0.02	1.29	2.9	<0.2	10	110	0.75	0.17	8.32	0.07	54.9	4.1	17	1.47	8.6	1.52	3.57	0.05	0.41	0.01	0.02	0.31	25	7.3
RC07MO_06R	30	32	208933	0.001	0.03	1.58	14.6	<0.2	10	800	1.25	0.5	0.7	0.03	71.1	12	48	1.47	18.8	6.25	5.84	0.09	0.76	0.01	0.034	0.33	28.8	8.4
RC07MO_06R	32	34	208934	<0.001	0.03	2.06	6.2	<0.2	20	90	1.2	0.29	0.36	0.01	90.8	8.1	25	1.76	17.2	2.58	6.06	0.08	0.53	0.07	0.032	0.42	37.8	11.4
RC07MO_06R	34	36	208935	<0.001	0.03	1.37	10.6	<0.2	10	220	0.97	0.32	0.2	0.02	54.5	9.1	30	1.54	16	3.82	4.78	0.08	0.56	0.05	0.03	0.3	25	9.6
RC07MO_06R	36	38	208936	<0.001	0.04	2.86	19	<0.2	20	140	2.16	0.32	0.23	0.01	254	16	47	3.1	27	5.39	10.5	0.11	0.68	<0.01	0.045	0.69	28.2	16.8
RC07MO_06R	38	40	208937	0.001	0.01	3.43	9.1	<0.2	10	340	3.62	0.31	0.17	0.05	94	54.7	63	7.71	46.3	5.26	12.25	0.21	1.11	<0.01	0.046	1.16	72.6	52.8
RC07MO_06R	40	42	208938	0.001	0.01	3.79	10.6	<0.2	10	210	2.29	0.24	0.25	0.02	86.7	40.5	69	8.17	37.3	5.65	13	0.18	0.37	<0.01	0.05	1.24	44.2	49.2
RC07MO_06R	42	44	208939	0.001	0.02	4.31	10.2	<0.2	10	240	2.06	0.27	1.06	0.05	89	36.2	78	17.85	45.7	5.5	14.3	0.16	0.98	0.02	0.051	1.4	39.9	51
RC07MO_06R	44	46	208940	0.001	0.02	4.24	6.9	<0.2	10	220	1.88	0.27	1.01	0.04	79	31.1	80	20.6	47.7	5.23	13.95	0.14	0.46	0.01	0.052	1.39	36.3	49
RC07MO_06R	46	48	208941	<0.001	0.02	4.62	6	<0.2	10	310	1.81	0.4	0.5	0.04	74.6	24	71	12.25	55	5.59	15.45	0.16	0.75	<0.01	0.065	1.49	32.1	46.2
RC07MO_06R	48	50	208942	0.001	0.01	3.56	6.2	<0.2	10	180	1.27	0.2	2.55	0.09	63.4	26.4	61	11.25	40.4	5.11	11.55	0.13	0.64	0.01	0.042	1.04	26.3	40.9
RC07MO_06R	50	52	208943	0.001	0.02	3.11	6.6	<0.2	10	130	1.03	0.2	4.05	0.14	62.2	22.9	53	7	41.8	4.51	10.05	0.11	1.07	<0.01	0.036	0.93	26	36.4
RC07MO_06R	52	54	208944	0.002	0.02	2.61	7.4	<0.2	10	120	0.85	0.12	5.88	0.1	54.4	16	46	5.63	24.6	4.11	8.83	0.11	0.96	0.07	0.034	0.86	23.1	32.7
RC07MO_06R	54	56	208945	0.003	0.02	3.44	4.7	<0.2	<10	120	0.94	0.21	3.57	0.08	54.8	14.8	56	5.87	34.6	4.63	10	0.13	0.83	0.05	0.033	1.09	23.2	36.3
RC07MO_06R	56	58	208946	0.002	0.01	3.56	2	<0.2	<10	120	1.04	0.28	1.71	0.09	64.6	18	63	7.01	49.9	4.61	12.2	0.14	1.18	0.01	0.04	1.15	27.5	44.6
RC07MO_06R	58	60	208947	0.003	0.02	2.86	2	<0.2	<10	130	0.88	0.21	4.54	0.12	49.9	16.7	56	5.82	47.3	4.33	9.23	0.11	1.04	0.08	0.034	0.98	22.3	32.6
RC07MO_06R	60	62	208948	0.006	0.02	3.71	7.3	<0.2	<10	160	1.22	0.08	2.49	0.11	60.4	17.4	76	9.19	33.6	5.15	12.6	0.16	1.12	0.08	0.043	1.2	26	46.9
RC07MO_06R	62	64	208949	0.005	0.01	3.94	10.8	<0.2	<10	120	1.09	0.07	1.4	0.07	60.3	18.9	68	8.91	23.4	4.98	13.6	0.17	0.98	0.09	0.043	1.27	25.5	50.8
RC07MO_06R	64	66	208950	0.006	0.01	4.04	4.8	<0.2	<10	140	1.16	0.21	0.68	0.04	56.3	17.5	69	8.4	36.6	5.09	13.95	0.14	0.77	0.06	0.045	1.34	23.7	48.6
RC07MO_06R	66	68	208951	<0.001	0.02	3.32	4	<0.2	<10	100	0.93	0.21	3.3	0.07	60.4	17.2	57	7.06	46.3	4.78	11.1	0.15	0.94	0.06	0.04	1.12	25.4	39.6
RC07MO_06R	68	70	208952	<0.001	0.03	3.11	7.3	<0.2	<10	80	0.87	0.13	4.58	0.09	53.2	19.1	52	6.31	34.3	4.59	10.55	0.15	0.91	0.15	0.036	1.06	23.9	38
RC07MO_06R	70	72	208953	0.004	0.03	3.26	6.9	<0.2	<10	130	1.01	0.18	2.58	0.08	49.5	17.7	59	6.89	30.6	4.69	12	0.14	0.85	0.24	0.038	1.24	24.2	41.3
RC07MO_06R	72	74	208954	0.001	0.03	2.84	2.3	<0.2	<10	100	0.92	0.18	4.67	0.08	36.8	19.4	55	5.56	46.4	4.58	10.65	0.13	0.78	0.14	0.037	1.06	18	35.5
RC07MO_06R	74	76	208955	0.001	0.05	2.98	2.4	<0.2	<10	110	0.91	0.31	3.8	0.08	39.9	21.5	53	5.35	62.7	4.76	11	0.12	0.81	0.21	0.037	1.08	19.6	35.8
RC07MO_06R	76	78	208956	<0.001	0.05	3.24	3.1	<0.2	<10	100	0.85	0.24	3.12	0.08	43.2	18.2	61	5.73	41.5	4.77	12.15	0.15	0.74	0.15	0.038	1.12	21.4	38.3
RC07MO_06R	78	80	208957	0.009	0.03	3.52	9.7	<0.2	<10	130	1.08	0.16	2.36	0.1	42.7	18.2	63	6.14	36.1	4.95	13.35	0.14	0.89	0.12	0.044	1.11	21.3	40.2
RC07MO_06R	80	82	208958	0.003	0.03	3.49	8.3	<0.2	<10	120	1.01	0.11	2.17	0.05	51.2	20.7	66	5.83	36.2	5.02	14.05	0.16	0.94	0.11	0.044	1.09	25.2	34.2
RC07MO_06R	82	84	208959	0.795	0.14	2.72	55.2	1	<10	120	1.13	1.45	2.53	0.13	39.9	23.3	53	3.83	211	6.04	10.9	0.12	1.09	0.12	0.085	0.8	20	27.4
RC07MO_06R	84	86	208960	0.004	0.04	3.29	7.3	<0.2	<10	130	0.8	0.22	2.14	0.08	25.3	22.5	59	6.31	40.8	4.71	12.8	0.13	0.8	0.04	0.035	1.14	12.4	29.1
RC07MO_06R	86	88	208961	0.002	0.03	3.05	8	<0.2	<10	90	0.87	0.27	3.08	0.13	18.55	23.6	52	5.85	41.3	4.38	12.1	0.12	0.77	0.01	0.03	1.03	9.7	30.6
RC07MO_06R	88	90	208962	0.001	0.02	2.77	2	<0.2	<10	80	0.83	0.25	4.08	0.07	18.85	20	49	3.94	50.1	4.37	10.5	0.09	0.79	<0.01	0.025	0.73	9.8	28.2
RC07MO_06R	90	92	208963	<0.001	0.03	1.93	18.9	<0.2	<10	90	0.9	0.34	4.65	0.04	18.45	23.7	45	3.92	46.1	3.29	8.36	0.06	0.94	0.02	0.039	0.85	9.5	19
RC07MO_06R	92	94	208964	<0.001	0.07	0.28	15	<0.2	<10	90	0.5	0.12	11.4	0.05	11.6	20.6	14	0.25	23.4	3.86	1.23	<0.05	0.5	0.05	0.032	0.13	5.3	3.1
RC07MO_06R	94	96	208965	<0.001	0.04	0.37	7	<0.2	<10	80	0.66	0.1	12.05	0.05	15	7	13	0.27	19	2.71	1.65	<0.05	0.62	0.02	0.023	0.18	6.9	5.1
RC07MO_06R	96	98	208966	<0.001	0.04	1.13	13	<0.2	<10	60	0.74	0.06	10.1	0.05	16.45	11.8	28	2.19	18.6	2.84	5.02	0.05	0.64	0.02	0.02	0.52	8.2	12.4

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
2	4	208919	0.81	479	1.27	0.08	0.08	24.9	390	13.2	31.4	0.001	0.04	0.46	4.4	1.1	0.7	190.5	<0.01	0.15	5.2	0.02	0.16	0.87	38	0.1	19.95	33	20.4
4	6	208920	0.68	449	1.22	0.12	0.05	23.3	310	14.1	30.8	<0.001	0.04	0.32	5.5	0.8	0.9	150.5	<0.01	0.1	7.1	0.02	0.18	0.86	44	0.08	17.15	34	20.3
6	8	208921	0.88	377	1.99	0.11	<0.05	24.5	250	12.7	27.5	<0.001	0.04	0.32	4.7	0.7	0.7	135.5	<0.01	0.06	7	0.018	0.14	1.05	34	0.09	17.05	33	19.2
8	10	208922	0.96	326	1.38	0.12	<0.05	22.3	140	12.2	27.3	<0.001	0.02	0.38	5.1	0.5	0.7	87.8	<0.01	0.04	7.9	0.019	0.15	1.12	36	0.12	10.95	32	20.6
10	12	208923	0.3	84	0.68	0.12	<0.05	14	100	11.2	31.4	<0.001	0.02	0.31	6.2	0.3	0.9	35.7	<0.01	0.02	10	0.02	0.17	0.89	39	0.07	5.5	26	19.6
12	14	208924	0.32	85	0.7	0.11	<0.05	14.4	100	10.3	34.8	<0.001	0.01	0.29	6.6	0.3	0.9	35.4	<0.01	0.02	10.3	0.021	0.19	0.88	41	0.06	6	27	20.1
14	16	208925	0.23	102	0.75	0.06	<0.05	11.3	90	9.1	22.6	<0.001	0.01	0.43	4.2	0.3	0.6	25.4	<0.01	0.02	7.1	0.017	0.11	0.66	35	0.16	4.89	19	18.2
16	18	208926	0.25	78	0.73	0.07	<0.05	13.1	100	9.3	27.4	<0.001	0.01	0.29	5	0.4	0.7	36.6	<0.01	0.02	8.4	0.02	0.14	0.71	36	0.13	10.3	20	18.1
18	20	208927	0.12	275	1	0.04	<0.05	12.4	120	19.6	15.7	<0.001	0.02	1	3.4	0.5	0.6	24.4	<0.01	0.04	6.9	0.02	0.11	0.82	57	0.19	5.7	17	22.3
20	22	208928	0.17	216	0.98	0.04	0.05	12.4	110	16.8	18	<0.001	0.02	0.82	3.2	0.5	0.6	34.9	<0.01	0.03	6.1	0.019	0.11	0.74	49	0.25	4.66	15	21.1
22	24	208929	0.24	66	0.51	0.02	0.05	11.6	120	5.3	9.2	<0.001	0.02	0.48	1.9	0.5	0.3	64.2	<0.01	0.03	3.8	0.011	0.04	0.56	23	0.1	2.97	8	12.1
24	26	208930	0.23	153	0.82	0.03	<0.05	12.4	150	10.1	18.8	<0.001	0.02	0.57	3.4	0.5	0.5	58.6	<0.01	0.03	6	0.015	0.09	0.74	36	0.19	7.06	10	16.9
26	28	208931	0.3	51	0.36	0.03	<0.05	12.3	140	5.1	20.4	<0.001	0.02	0.37	3.4	0.6	0.5	83.9	<0.01	0.03	4.9	0.013	0.08	0.66	22	0.07	9.42	7	14.6
28	30	208932	0.32	54	0.4	0.03	<0.05	12.3	120	5.2	24.4	<0.001	0.02	0.27	4.2	0.5	0.6	76.9	<0.01	0.02	6.6	0.014	0.09	0.59	22	0.06	7.06	9	14.1
30	32	208933	0.2	341	1.85	0.05	<0.05	18	160	21.6	24	<0.001	0.03	1.16	5.3	0.6	0.9	32.5	<0.01	0.04	9.2	0.022	0.14	1.06	74	0.37	5.99	16	28.9
32	34	208934	0.27	97	0.41	0.04	<0.05	14.3	110	8.6	29.5	<0.001	0.01	0.25	6.2	0.3	0.9	23.2	<0.01	0.02	10.6	0.015	0.14	0.76	36	<0.05	5.35	13	16.6
34	36	208935	0.37	264	0.73	0.03	<0.05	16.3	140	12.7	24.9	<0.001	0.01	0.5	4.5	0.5	0.7	20.1	<0.01	0.03	8.2	0.023	0.13	0.79	59	0.11	6.02	11	20.9
36	38	208936	0.88	479	0.81	0.06	<0.05	16.9	170	29.7	45.8	<0.001	0.01	0.31	9	0.5	0.9	35.6	<0.01	0.03	7.5	0.057	0.29	1.29	94	0.06	11.3	34	23.5
38	40	208937	3.25	2680	1.65	0.05	<0.05	64.6	620	3.8	111	<0.001	0.01	0.21	11.2	1	0.6	39.1	<0.01	0.03	6.6	0.131	0.84	0.93	95	0.08	24.2	33	33.3
40	42	208938	3.68	1390	1.04	0.06	<0.05	56.3	980	3	110	<0.001	0.01	0.26	13	0.7	0.7	32.8	<0.01	0.03	7.3	0.144	0.6	0.91	104	0.1	19.3	37	20.2
42	44	208939	3.98	1310	0.97	0.08	<0.05	68.2	830	4	110	<0.001	0.01	0.22	13.4	0.7	0.9	35.1	<0.01	0.03	7.6	0.152	0.61	0.96	101	0.12	17.45	40	35.1
44	46	208940	4.09	1050	0.88	0.07	<0.05	64.6	810	2.2	110.5	<0.001	0.01	0.15	12.1	0.7	0.9	31.1	<0.01	0.03	7.8	0.149	0.54	0.85	94	0.09	15.15	38	20.7
46	48	208941	3.82	914	1.17	0.12	<0.05	52.7	840	3.5	114	<0.001	0.01	0.22	15.8	0.7	1.4	30.5	<0.01	0.03	8.7	0.135	0.45	1.07	110	0.12	12.15	35	30.9
48	50	208942	4.47	928	0.95	0.07	<0.05	49.2	810	4.4	94.3	<0.001	0.01	0.2	10.3	0.6	0.6	70.5	<0.01	0.03	6.6	0.107	0.4	0.89	81	0.12	10.95	36	26.6
50	52	208943	4.92	1010	1.02	0.06	<0.05	43.3	770	3.9	74.4	<0.001	0.01	0.22	9.4	0.6	0.6	93.4	<0.01	0.03	6.4	0.095	0.35	0.82	77	0.11	10.85	34	32.5
52	54	208944	5.44	1450	0.93	0.05	<0.05	27.6	880	1.8	65.2	<0.001	0.02	0.15	9.8	0.7	0.5	145.5	<0.01	0.02	5.5	0.09	0.29	0.68	74	0.09	11.3	27	28.4
54	56	208945	5.21	827	0.58	0.05	<0.05	36.3	860	1	70.7	<0.001	0.01	0.17	8.9	0.5	0.5	72.5	<0.01	0.03	6.1	0.12	0.3	0.54	80	0.05	9.13	32	29.5
56	58	208946	4.7	461	0.57	0.04	<0.05	38.3	850	1.1	88.8	<0.001	0.01	0.14	9.9	0.6	0.6	39.4	<0.01	0.04	6.9	0.129	0.4	0.52	85	0.05	9.3	32	33.4
58	60	208947	5.05	1130	1.25	0.04	<0.05	29	860	1.2	68	<0.001	0.01	0.12	10.1	0.6	0.5	113.5	<0.01	0.03	5.4	0.105	0.31	0.58	90	0.07	9.93	28	31.4
60	62	208948	5.06	711	1.54	0.05	<0.05	36.2	950	3.3	108.5	0.001	0.01	0.12	12.1	0.6	0.6	67.2	<0.01	0.02	6.1	0.132	0.37	0.63	100	0.06	11.5	38	33.7
62	64	208949	4.86	542	0.98	0.04	<0.05	36.3	900	1	112	0.001	0.01	0.07	12.3	0.5	0.6	34.2	<0.01	0.03	6.4	0.142	0.4	0.5	101	0.05	9.41	36	29.8
64	66	208950	4.45	322	1.33	0.04	<0.05	32.6	810	1	107.5	<0.001	0.01	0.08	11.9	0.4	0.8	24.4	<0.01	0.03	7	0.143	0.41	0.48	97	0.05	8.47	34	27.2
66	68	208951	5.04	854	0.77	0.04	<0.05	33.6	800	0.9	77	<0.001	0.01	0.1	10.6	0.6	0.6	98.6	<0.01	0.04	6.3	0.125	0.33	0.41	87	<0.05	9.23	27	26.4
68	70	208952	5.44	1190	0.72	0.03	<0.05	36.8	810	0.8	66.3	<0.001	0.05	0.09	10.5	2.2	0.5	148	<0.01	0.03	6	0.117	0.33	0.55	81	0.05	9.83	26	27.1
70	72	208953	4.86	682	0.6	0.03	<0.05	37.2	830	0.9	90.9	<0.001	0.01	0.08	11.1	0.8	0.6	70.2	<0.01	0.02	7.4	0.141	0.39	0.5	85	0.07	9.36	25	31.3
72	74	208954	5.42	1090	0.81	0.03	<0.05	35.2	830	1	68.8	0.001	0.13	0.08	12.1	4.6	0.5	138.5	<0.01	0.02	6.7	0.123	0.35	0.56	88	0.06	9.97	22	28
74	76	208955	5.15	884	0.63	0.03	<0.05	38.2	830	1.1	67.1	0.001	0.25	0.11	10.5	4	0.5	118	<0.01	0.03	7.2	0.123	0.33	0.5	79	0.06	9.34	22	28.4
76	78	208956	5.15	727	0.56	0.03	<0.05	34.6	750	2.1	74.7	<0.001	0.11	0.1	12.6	2.4	0.6	88.6	<0.01	0.02	6.7	0.13	0.33	0.59	96	0.05	9.3	22	22.9
78	80	208957	5.06	560	0.93	0.04	<0.05	38.2	840	2	94.2	<0.001	0.01	0.13	14.3	0.8	0.6	51.8	<0.01	0.01	7.1	0.124	0.35	1.03	116	0.07	10.7	24	30.9
80	82	208958	4.89	503	0.55	0.05	0.05	36.7	810	0.9	78.1	<0.001	0.01	0.1	15.6	0.7	0.7	50.6	<0.01	0.02	7.5	0.128	0.32	0.78	109	0.06	10.15	20	31.9
82	84	208959	4.07	648	0.92	0.03	<0.05	44.2	770	19.7	56.5	<0.001	0.05	1.3	13.8	1.3	0.5	54	<0.01	0.08	6.9	0.081	0.23	1	106	0.16	12.5	33	41.1
84	86	208960	4.75	396	0.59	0.03	<0.05	41.9	690	1	74.3	0.001	0.38	0.17	12.1	1.9	0.6	46.6	<0.01	0.02	6.1	0.124	0.34	0.92	89	0.06	8.32	14	26.7
86	88	208961	5.05	474	0.54	0.02	<0.05	45.8	790	1.3	67.5	0.002	0.48	0.21	10.8	0.9	0.5	88	<0.01	0.02	6	0.106	0.3	1.09	73	0.07	8.26	12	24.9
88	90	208962	5.29	577	0.55	0.02	<0.05	42.1	800	2	44.3	0.001	0.61	0.38	9.6	1.6	0.4	124.5	<0.01	0.03	5.9	0.072	0.21	1.14	64	0.12	8.22	12	26
90	92	208963	4.49	564	1.35	0.05	<0.05	43.7	630	1	52.2	0.002	0.65	0.13	10.2	1.8	0.5	126.5	<0.01	0.03	6.3	0.072	0.21	2.18	56	0.25	9.62	11	29.1
92	94	208964	5.91	1470	1.25	0.02	0.05	22.6	530	1	6.7	0.001	0.42	0.14	8.8	2.1	0.2	312	<0.01	0.02	3.3	0.01	0.02	0.8	20	0.29	13.4	9	19.5
94	96	208965	6.7	1220	0.94	0.03	0.05	26.2	580	0.9	10	0.001	0.24	0.1	9.6	1	0.2	357	<0.01	0.02	4	0.011	0.03	0.64	20	0.15	13.15	9	24.2
96	98	208966	6.64	1160	0.59	0.02	<0.05	25.4	580	0.8	30.8	0.001	0.18	0.08	8.9	0.9	0.3	311	<0.01	0.01	4.2	0.04	0.12	0.75	39	0.09	10.35	9	23.6

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_06R	98	100	208967	<0.001	0.04	2.58	22.1	<0.2	<10	110	0.89	0.06	6.05	0.06	20.8	24	48	5.88	19	3.88	10.85	0.1	0.8	0.07	0.023	1.01	10.6	24.2
RC07MO_06R	100	102	208968	<0.001	0.04	3.63	5.8	<0.2	<10	130	1	0.18	1.88	0.02	18.7	19.4	57	6.31	56.1	4.66	13.35	0.11	0.97	0.03	0.027	1.19	9.8	31.8
RC07MO_06R	102	104	208969	0.015	0.39	1.42	37.8	<0.2	10	270	0.76	0.32	4.13	0.16	16.9	21.8	28	1.31	61.1	3.98	5.41	0.05	1.11	0.09	0.029	0.66	8.8	15.8
RC07MO_06R	104	106	208970	0.003	0.08	1.99	22.6	<0.2	<10	100	0.73	0.31	5.44	0.07	15.8	42.2	45	3.26	107	4.02	8.1	0.08	0.91	0.11	0.029	0.74	8	19.8
RC07MO_06R	106	108	208971	<0.001	0.03	2.61	4.5	<0.2	<10	80	0.73	0.29	2.38	0.06	14.85	23.8	51	3.75	50.3	4.05	9.63	0.09	0.92	0.01	0.023	0.7	7.5	28
RC07MO_06R	108	110	208972	<0.001	0.03	2.44	8.5	<0.2	<10	100	0.81	0.15	5.81	0.07	20.5	19	48	4.84	40.1	4.02	9.99	0.09	0.83	0.02	0.03	0.96	10.5	24.5
RC07MO_06R	110	112	208973	0.001	0.01	3.02	19.1	<0.2	<10	90	0.94	0.08	4.24	0.1	35.6	23.7	54	6.39	24.1	4.29	12.05	0.12	0.89	0.01	0.034	1.05	17.6	31.4
RC07MO_06R	112	114	208974	0.001	0.02	3.48	12.3	<0.2	<10	110	1.01	0.1	1.88	0.04	31.9	18.8	57	8.21	20.9	4.29	13.25	0.13	0.85	<0.01	0.036	1.49	15.7	37.5
RC07MO_06R	114	116	208975	0.001	0.02	3.31	10	<0.2	<10	110	1.03	0.23	1.8	0.02	22.8	22.4	58	6.89	38.4	4.59	12.3	0.11	0.87	<0.01	0.032	1.15	11.6	31.7
RC07MO_06R	116	118	208976	<0.001	0.02	3.13	11.3	<0.2	<10	70	0.87	0.35	2.87	0.05	19.3	26.4	52	4.61	51.6	4.61	12.3	0.1	0.86	<0.01	0.029	0.78	9.8	34.1
RC07MO_06R	118	120	208977	<0.001	0.01	2.15	1.6	<0.2	<10	90	0.82	0.09	8.38	0.07	17.2	11.8	40	3.96	35.9	3.75	8.27	0.07	0.77	<0.01	0.027	0.8	8.6	19.5
RC07MO_06R	120	122	208978	<0.001	0.02	2.82	2.7	<0.2	<10	80	0.96	0.17	5.22	0.05	14.7	16.6	50	5.63	63	4.23	11.15	0.09	0.79	<0.01	0.026	0.91	7.4	25.5
RC07MO_06R	122	124	208979	<0.001	0.02	3.21	9.8	<0.2	<10	130	1.12	0.37	2.91	0.03	19.15	28.4	56	6.24	76	4.21	12.1	0.08	1.04	<0.01	0.033	1.08	10	26.4
RC07MO_06R	124	126	208980	<0.001	0.01	0.69	<2	<0.2	<10	60	0.61	0.16	11.35	0.04	12.65	24.6	21	1.11	20.5	3.36	2.95	0.05	0.58	<0.01	0.036	0.31	5.9	6.4
RC07MO_06R	126	128	208981	<0.001	0.01	0.64	<2	<0.2	<10	70	0.51	0.1	10.2	0.05	11.85	18.5	20	1.05	24.6	3.27	2.73	0.05	0.51	<0.01	0.041	0.26	5.5	6.8
RC07MO_06R	128	130	208982	<0.001	0.01	2.86	12.8	<0.2	<10	130	1.16	0.15	5.37	0.03	21.4	15.6	55	6.43	32	3.49	12.05	0.09	0.87	<0.01	0.032	1.12	11	25.8
RC07MO_06R	130	132	208983	<0.001	0.01	3.5	15.8	<0.2	<10	180	1.24	0.36	3.52	0.03	25.5	28.6	59	6.17	36.3	4.39	13.85	0.1	1.08	<0.01	0.046	1.19	13.2	30
RC07MO_06R	132	134	208984	<0.001	0.01	3.94	14.7	<0.2	<10	170	1.27	0.39	1.48	0.02	19.5	29.6	61	8.12	54.9	5	15.15	0.1	1.2	<0.01	0.039	1.54	10	35.1
RC07MO_06R	134	136	208985	<0.001	0.01	2.55	6.1	<0.2	<10	80	0.87	0.28	5.6	0.05	14.45	21.3	45	6.52	48.5	4.26	9.74	0.09	0.82	<0.01	0.027	1.06	7.1	22.5
RC07MO_06R	136	138	208986	<0.001	0.01	1.3	2.5	<0.2	<10	70	0.74	0.21	9.63	0.05	14.45	14.7	30	3.26	33.1	3.45	5.38	0.06	0.66	<0.01	0.022	0.64	6.7	12.3
RC07MO_06R	138	140	208987	<0.001	0.01	0.4	2	<0.2	<10	40	0.47	0.14	12.4	0.05	10.45	10.6	15	0.83	22.2	3.12	2.2	<0.05	0.45	<0.01	0.022	0.25	4.7	5.1
RC07MO_06R	140	142	208988	0.001	0.02	2.26	15.5	<0.2	<10	70	0.73	0.1	5.38	0.04	14.1	19.7	42	4.69	34	3.35	8.8	0.07	0.73	0.01	0.03	0.89	7	22
RC07MO_06R	142	144	208989	0.001	0.02	2.5	7.7	<0.2	<10	80	0.72	0.29	5.42	0.04	14.75	21.2	44	5.11	51.9	3.87	9.41	0.08	0.77	0.01	0.03	0.95	7.2	23.3
RC07MO_06R	144	146	208990	<0.001	0.01	2.47	5.5	<0.2	<10	80	0.7	0.06	6.36	0.06	17.35	11.4	44	5.37	19.6	3.34	9.69	0.09	0.73	0.01	0.028	1.07	8.5	24.1
RC07MO_06R	146	148	208991	0.001	0.01	2.75	4.4	<0.2	<10	80	0.72	0.09	5.47	0.05	17.1	12.4	46	6.02	27.8	3.71	10.45	0.11	0.74	0.01	0.027	1.14	8.4	27.9
RC07MO_06R	148	150	208992	<0.001	0.01	3	0.4	<0.2	<10	80	0.74	0.2	4.08	0.05	17.1	15	50	6.56	46.9	4.16	11.35	0.11	0.76	0.01	0.029	1.23	8.4	30.7
RC07MO_06R	150	152	208993	<0.001	0.01	3.49	0.2	<0.2	<10	100	0.8	0.41	1.72	0.03	18.5	23.3	57	7.58	83.4	4.99	12.9	0.1	0.95	0.01	0.033	1.37	9.4	36.2
RC07MO_06R	152	154	208994	<0.001	0.01	3.23	4.9	<0.2	<10	110	0.86	0.56	0.73	0.01	18	31.3	57	7.56	97.1	5.45	11.25	0.09	1.14	0.01	0.034	1.38	9.2	34
RC07MO_06R	154	156	208995	0.002	0.01	1.41	10.7	<0.2	<10	90	0.47	0.26	5.92	0.03	12.55	24.3	29	3.28	79.7	3.9	5.03	0.05	0.65	0.01	0.034	0.74	5.9	14.3
RC07MO_06R	156	158	208996	<0.001	0.01	2.39	3	<0.2	<10	170	0.77	0.18	5.47	0.04	21.8	15.7	38	3.52	62.1	3.96	7.7	0.07	0.76	0.01	0.042	0.99	10.9	18.4
RC07MO_06R	158	160	208997	<0.001	0.01	0.83	3.6	<0.2	<10	60	0.39	0.2	7.09	0.03	11.5	12.5	22	1.43	43.1	3.02	3.38	<0.05	0.43	0.01	0.029	0.39	5.3	9.5
RC07MO_06R	160	162	208998	0.001	0.01	3.41	25	<0.2	<10	100	0.93	0.11	2.63	0.02	18.05	26.1	58	7.59	31.8	3.98	12.95	0.1	0.85	<0.01	0.036	1.46	9.1	40
RC07MO_06R	162	164	208999	<0.001	0.01	3.01	8.1	<0.2	<10	90	0.81	0.13	4.1	0.04	18.5	16.3	51	6.59	33.1	3.97	11.5	0.1	0.8	<0.01	0.034	1.3	9.4	36.4
RC07MO_06R	164	166	209000	<0.001	<0.01	3.22	16.9	<0.2	<10	100	0.88	0.32	2.4	0.03	23.3	23.9	56	7.8	65.5	4.54	11.75	0.11	0.86	<0.01	0.037	1.49	11.5	38.9
RC07MO_06R	166	168	209001	<0.001	0.01	2.65	3.9	<0.2	<10	80	0.78	0.23	4.78	0.04	21	18	50	6.75	53.6	4.25	10.3	0.13	0.71	<0.01	0.034	1.34	10.7	33.4
RC07MO_06R	168	170	209002	<0.001	0.01	2.53	15.8	<0.2	<10	70	0.69	0.07	6	0.06	26.1	17.4	45	5.48	22.7	3.9	9.66	0.11	0.62	<0.01	0.031	1.08	12.7	31.7
RC07MO_06R	170	172	209003	<0.001	0.01	3.49	11.1	<0.2	<10	160	0.87	0.21	1.89	0.01	34.7	19.4	59	8.08	34.8	4.19	12.8	0.11	0.87	<0.01	0.042	1.56	16.3	44
RC07MO_06R	172	174	209004	<0.001	0.01	3.49	15.3	<0.2	<10	100	0.86	0.21	1.75	0.02	23.3	24.2	60	7.22	45.3	4.47	12.85	0.12	0.83	<0.01	0.038	1.33	11.8	44.7
RC07MO_06R	174	176	209005	<0.001	0.01	2.88	9.8	<0.2	<10	90	0.7	0.17	3.89	0.04	24.6	22.7	54	7.05	54.1	4.4	10.5	0.1	0.81	<0.01	0.036	1.37	11.8	34.2
RC07MO_06R	176	178	209006	<0.001	0.01	2.63	10.1	<0.2	<10	70	0.66	0.13	5.23	0.04	21.4	17.3	47	5.4	37.7	4.26	9.37	0.11	0.69	<0.01	0.032	1.23	10.4	30.2
RC07MO_06R	178	180	209007	0.001	0.01	3.56	5.7	<0.2	<10	120	0.93	0.15	1.44	0.01	29.7	19.3	58	8.55	48	4.58	12.95	0.13	0.89	<0.01	0.041	1.79	14.2	43.2
RC07MO_06R	180	182	209008	0.001	0.02	3.33	5.1	<0.2	<10	100	0.84	0.21	2.15	0.02	26.5	20.4	57	6.25	61.8	4.71	12.15	0.09	0.88	<0.01	0.04	1.24	12.8	42.5
RC07MO_06R	182	184	209009	0.001	0.01	2.91	2.5	<0.2	<10	100	0.79	0.3	3.64	0.04	31.8	18.4	50	6.02	61	4.55	10.6	0.09	0.8	<0.01	0.038	1.26	15	36.2
RC07MO_06R	184	186	209010	<0.001	0.01	3.7	3.4	<0.2	<10	170	1.06	0.19	2.28	0.02	38.8	16.5	57	7.93	41.2	4.24	13.3	0.11	0.94	<0.01	0.046	1.69	17.7	44.3
RC07MO_06R	186	188	209011	<0.001	0.01	3.67	7.2	<0.2	<10	110	0.83	0.37	1.95	0.04	50.8	20.7	59	7.87	52	4.75	12.85	0.12	0.86	<0.01	0.039	1.56	25.3	45
RC07MO_06R	188	190	209012	<0.001	0.01	2.75	4.4	<0.2	<10	90	0.8	0.18	4.27	0.07	28	17	52	6.51	54.4	4.35	10.05	0.11	0.76	<0.01	0.033	1.18	13.7	34.7
RC07MO_06R	190	192	209013	<0.001	0.01	2.54	5.6	<0.2	<10	90	0.65	0.22	4.9	0.06	21.7	21.6	48	4.35	68.5	4.43	9.32	0.07	0.85	<0.01	0.035	0.87	11	30.4
RC07MO_06R	192	194	209014	<0.001	0.02	3.15	1.2	<0.2	<10	120	0.85	0.41	1.62	0.02	21.5	22.1	56	6.82	77.8	4.64	11.25	0.08	1.04	<0.01	0.036	1.22	11.2	38.4

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
98	100	208967	6.18	773	0.56	0.02	<0.05	35.7	740	0.9	69.5	0.001	0.16	0.11	11.6	1.2	0.5	163	<0.01	0.01	5.7	0.095	0.26	1.52	71	0.08	9.89	10	27.4
100	102	208968	5.32	247	0.59	0.02	<0.05	49	750	1.1	75.1	0.001	0.54	0.17	10.7	2	0.6	51.5	<0.01	0.02	6.2	0.115	0.3	1.14	76	0.06	7.43	11	29.6
102	104	208969	3.35	609	0.82	0.02	<0.05	39.6	740	12.7	39.6	0.001	1.12	1	9.3	1.1	0.3	115	<0.01	0.04	6.3	0.036	0.15	1.2	40	0.33	9.17	30	36.6
104	106	208970	5.09	607	0.83	0.03	<0.05	36.9	670	3.9	47.6	0.001	0.69	0.39	10.8	1.4	0.4	130.5	<0.01	0.05	5.7	0.063	0.18	1.14	67	0.12	9.87	15	30.3
106	108	208971	4.36	294	0.65	0.01	<0.05	50.7	720	1.7	45.6	0.002	1.07	0.22	8.4	1.3	0.3	64.3	<0.01	0.03	5.9	0.063	0.2	1.33	66	0.08	7.13	12	26.6
108	110	208972	5.79	801	0.63	0.03	<0.05	33.4	770	1.3	62	0.001	0.5	0.12	12	1.1	0.5	158	<0.01	0.02	5.9	0.089	0.25	0.93	77	0.09	9.86	14	27.3
110	112	208973	5.72	653	0.72	0.03	<0.05	40.6	770	1.8	80	0.001	0.33	0.14	12.5	0.9	0.5	99.5	<0.01	0.01	6.6	0.104	0.3	3.72	82	0.07	9.51	20	27
112	114	208974	5.2	285	0.55	0.02	<0.05	45.3	770	2.3	96.8	0.002	0.32	0.11	11.6	1.8	0.7	47.5	<0.01	0.01	7.1	0.141	0.41	1.49	79	0.06	7.98	17	27.2
114	116	208975	4.77	331	1.2	0.02	<0.05	41.9	710	1.7	77.8	0.001	0.62	0.22	10.2	1.8	0.6	46.2	<0.01	0.02	6.8	0.107	0.33	1.19	76	0.14	7.86	15	27.3
116	118	208976	5.36	365	1.04	0.02	<0.05	48.3	760	1.1	52.6	0.001	0.85	0.2	10.7	3.5	0.4	76.4	<0.01	0.03	6.5	0.068	0.22	1.53	70	0.1	8.16	16	27.6
118	120	208977	6.96	951	0.96	0.03	<0.05	30.2	620	0.8	50	0.001	0.55	0.13	10.9	1.1	0.5	257	<0.01	0.01	5	0.062	0.2	0.98	61	0.12	10.15	15	28
120	122	208978	6.2	537	1.01	0.02	<0.05	43.9	680	0.8	62.7	0.001	1.01	0.19	11	1.1	0.5	157.5	<0.01	0.02	5.2	0.071	0.26	0.81	72	0.07	8.68	12	28.4
122	124	208979	5.32	296	1.13	0.03	<0.05	50.5	750	0.7	69.2	0.001	1.31	0.18	11.2	1.5	0.6	84.3	<0.01	0.03	6.3	0.079	0.27	0.81	76	0.1	8.31	12	35.8
124	126	208980	6.77	1300	1.2	0.03	0.05	21	550	0.7	19	0.001	1.05	0.16	8.3	1.1	0.3	290	<0.01	0.02	3.3	0.02	0.07	0.53	31	0.25	11.35	9	22.3
126	128	208981	5.94	1190	1.25	0.04	0.05	20.1	530	1.1	16.6	<0.001	0.7	0.2	8.6	0.9	0.4	234	<0.01	0.02	3.2	0.018	0.06	0.48	30	0.4	12.7	11	20
128	130	208982	6.39	569	0.76	0.04	<0.05	40	700	0.6	72.9	<0.001	0.44	0.11	14.1	0.7	0.6	142	<0.01	0.01	6	0.087	0.28	0.68	84	0.13	9.17	13	31
130	132	208983	5.86	381	0.69	0.04	0.05	52.9	750	0.6	72.1	0.001	1.24	0.16	14.8	1.3	0.9	84.4	<0.01	0.02	6.9	0.088	0.26	0.77	85	0.16	9.61	14	41
132	134	208984	5.62	193	0.95	0.03	0.05	56	800	0.6	96.8	0.001	1.12	0.11	12.6	1.3	0.9	44.1	<0.01	0.02	7.2	0.121	0.39	0.84	81	0.13	8.51	16	45.2
134	136	208985	6.18	532	0.69	0.02	<0.05	40	730	0.6	72.2	<0.001	1.06	0.11	10	1.2	0.5	173.5	<0.01	0.02	4.7	0.082	0.29	0.66	68	0.11	8.69	14	28.7
136	138	208986	6.72	1100	0.88	0.03	<0.05	35	590	0.6	41.4	<0.001	0.74	0.09	8.9	1	0.4	287	<0.01	0.02	4.2	0.047	0.16	0.57	45	0.12	10.3	12	26.1
138	140	208987	7.22	1520	0.67	0.02	<0.05	17.7	650	0.7	15.4	<0.001	0.51	0.1	7.6	0.9	0.2	351	<0.01	0.02	3.5	0.018	0.06	0.45	24	0.16	12.8	10	17.6
140	142	208988	5.51	623	0.75	0.03	<0.05	34.5	700	1.2	54.9	0.001	0.59	0.2	8.9	0.6	0.4	159.5	<0.01	0.01	4.6	0.068	0.21	0.64	62	0.23	9.49	15	25.9
142	144	208989	5.76	609	1.34	0.03	<0.05	38.5	700	1.3	58.6	0.001	1.03	0.24	9.1	1	0.4	176.5	<0.01	0.02	5.4	0.073	0.23	0.69	67	0.09	8.63	14	26.9
144	146	208990	6.39	770	0.56	0.03	<0.05	24.5	720	0.6	65	<0.001	0.33	0.07	10.5	0.5	0.4	212	<0.01	0.01	4.4	0.085	0.25	0.65	75	0.08	9.58	14	27.1
146	148	208991	6.03	668	0.53	0.03	<0.05	28.2	750	0.6	68.9	0.001	0.51	0.08	10	0.6	0.4	170	<0.01	0.01	5	0.094	0.28	0.65	71	0.07	8.56	15	27.8
148	150	208992	5.57	526	0.76	0.03	<0.05	39.8	740	0.5	76.8	0.001	0.84	0.1	10.3	0.8	0.5	124.5	<0.01	0.01	5.3	0.103	0.31	0.65	78	0.08	8.02	16	28.3
150	152	208993	4.94	258	0.72	0.04	<0.05	48	800	0.5	86.6	0.001	1.45	0.12	9.7	1.5	0.6	55	<0.01	0.02	6	0.11	0.33	0.86	79	0.1	7.51	18	35.9
152	154	208994	4.19	141	0.99	0.03	<0.05	55.8	770	0.8	88.2	0.001	2.06	0.13	8.1	2	0.6	23.7	<0.01	0.03	7.4	0.111	0.34	0.95	70	0.19	7.35	17	41.9
154	156	208995	4.61	881	1.37	0.04	<0.05	29.8	510	0.8	43.4	0.001	1.39	0.12	6.6	1.2	0.4	165	<0.01	0.02	4	0.056	0.22	0.58	41	0.64	10.95	11	23.9
156	158	208996	4.79	823	1.44	0.1	0.05	27.3	550	1	47.8	0.001	1	0.15	9.3	1	0.7	142.5	<0.01	0.01	4.9	0.069	0.19	0.64	61	0.31	10.2	15	29.2
158	160	208997	4.67	1100	1.27	0.04	<0.05	22.2	440	0.6	22.5	<0.001	0.7	0.14	6	0.6	0.3	203	<0.01	0.01	3	0.03	0.11	0.39	29	0.52	10.7	13	15.9
160	162	208998	5.2	385	0.77	0.03	<0.05	44.1	760	0.9	88.6	<0.001	0.45	0.08	10.7	0.5	0.6	73.6	<0.01	0.01	6.1	0.127	0.36	0.74	84	0.15	7.93	22	30.5
162	164	208999	5.4	606	0.59	0.04	<0.05	36.6	690	0.7	79.3	<0.001	0.5	0.08	10.9	0.6	0.6	115	<0.01	0.01	6.1	0.116	0.33	0.75	73	0.09	8.41	23	30.6
164	166	209000	4.74	398	0.65	0.04	<0.05	50.4	800	0.9	91.3	0.001	1	0.12	10.1	0.9	0.6	70.5	<0.01	0.03	7.5	0.137	0.39	0.82	77	0.15	7.8	25	33
166	168	209001	5.28	769	0.57	0.04	<0.05	36.4	820	0.8	83.3	<0.001	0.72	0.08	10.8	0.6	0.5	134.5	<0.01	0.02	6.9	0.125	0.36	0.71	75	0.1	8.66	24	26.9
168	170	209002	5.97	1090	0.6	0.04	<0.05	29.6	830	0.7	65.2	0.001	0.33	0.07	10.2	0.5	0.4	182	<0.01	0.01	6.1	0.101	0.26	0.66	71	0.06	9.32	26	24.7
170	172	209003	4.58	292	0.65	0.04	<0.05	41.9	710	0.8	96.6	<0.001	0.52	0.1	11	0.5	0.7	42.8	<0.01	0.02	8.8	0.149	0.4	0.83	85	0.1	7.58	29	33.6
172	174	209004	4.55	305	0.57	0.03	<0.05	42	700	0.7	82.5	<0.001	0.64	0.1	10.7	0.6	0.6	43.4	<0.01	0.02	8.8	0.129	0.34	0.8	84	0.07	6.8	30	32
174	176	209005	4.91	703	0.65	0.04	<0.05	41	750	0.8	82.9	0.001	0.79	0.07	10.3	0.7	0.6	106	<0.01	0.02	8	0.128	0.35	0.82	79	0.11	8.4	27	31
176	178	209006	5.3	952	0.54	0.03	<0.05	31.5	840	1.1	69	<0.001	0.55	0.06	9.6	0.6	0.5	133.5	<0.01	0.01	6.9	0.116	0.29	0.68	74	0.1	9.99	27	26.2
178	180	209007	4.37	274	0.57	0.04	<0.05	43.6	670	0.7	112	<0.001	0.69	0.07	10.8	0.6	0.7	34.7	<0.01	0.02	9.1	0.173	0.49	0.84	84	0.09	6.79	31	34.3
180	182	209008	4.47	415	0.62	0.04	<0.05	39.5	700	1.2	76.3	<0.001	0.86	0.15	10.4	0.7	0.6	72.5	<0.01	0.02	9.4	0.119	0.32	0.88	79	0.08	8.03	28	34.6
182	184	209009	4.63	692	0.7	0.04	<0.05	37.8	720	1	75.9	<0.001	0.88	0.12	10.1	0.7	0.6	108.5	<0.01	0.02	8.1	0.117	0.32	0.78	74	0.12	8.49	27	31
184	186	209010	4.23	323	0.57	0.08	<0.05	40.1	630	0.8	99.8	<0.001	0.61	0.08	12.6	0.5	0.9	49.9	<0.01	0.01	8.9	0.148	0.41	0.86	85	0.09	7.88	30	37.3
186	188	209011	4.7	372	0.79	0.04	<0.05	44.8	730	1.1	97.3	<0.001	0.74	0.11	10.7	0.6	0.7	51.7	<0.01	0.02	9.2	0.148	0.42	0.83	83	0.08	7.43	36	32.5
188	190	209012	5.06	778	0.67	0.04	<0.05	37.3	670	1.2	76.5	0.001	0.81	0.14	9.7	0.7	0.5	137.5	<0.01	0.02	8.5	0.113	0.3	0.81	74	0.1	8.07	29	29.8
190	192	209013	4.74	772	0.67	0.04	<0.05	42.2	780	1.8	54.1	0.001	1.11	0.19	8.5	0.9	0.4	161.5	<0.01	0.02	8.4	0.078	0.23	0.91	69	0.08	9.66	25	31.4
192	194	209014	4.21	307	0.68	0.04	<0.05	49.4	690	1.2	79.5	0.001	1.24	0.18	8.2	0.8	0.6	56.6	<0.01	0.02	9.8	0.112	0.33	0.98	71	0.09	6.99	24	38.4

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_06R	194	196	209015	<0.001	0.01	1.8	5.7	<0.2	<10	60	0.57	0.18	7.48	0.08	16.8	13	32	2.28	47.1	3.96	6.36	0.05	0.61	<0.01	0.026	0.61	8.4	19.1
RC07MO_06R	196	198	209016	<0.001	0.01	2.69	11	<0.2	<10	70	0.73	0.4	3.42	0.04	18.95	20.8	46	5.65	56.9	4.15	9.47	0.08	0.77	<0.01	0.028	1.01	9.7	32.5
RC07MO_06R	198	200	209017	<0.001	0.01	1.62	7.5	<0.2	<10	80	0.61	0.1	8.08	0.05	23.1	12.1	31	3.4	23	3.46	6.08	0.06	0.61	<0.01	0.024	0.73	11.9	19.8
RC07MO_06R	200	202	209018	<0.001	0.01	1.55	7.8	<0.2	<10	80	0.6	0.1	8.86	0.06	20	11.8	27	2.71	21	3.51	5.62	<0.05	0.59	<0.01	0.026	0.67	10.2	17.4
RC07MO_06R	202	204	209019	<0.001	0.01	2.66	30.6	<0.2	<10	80	0.73	0.13	4.01	0.03	29	26.2	50	5.83	29.8	3.95	9.66	0.06	0.83	<0.01	0.033	1.1	13.8	33.4
RC07MO_06R	204	206	209020	<0.001	0.01	2.81	3.5	<0.2	<10	100	0.8	0.3	4.97	0.05	30.1	18.7	49	4.89	56.1	4.68	10.1	0.07	0.82	<0.01	0.034	1.03	14.4	33.2
RC07MO_06R	206	208	209021	<0.001	0.01	3.43	21.3	<0.2	<10	80	0.74	0.15	3.06	0.04	48.8	25.2	57	6.45	38.6	4.58	12.45	0.11	0.75	<0.01	0.035	1.16	22.5	42
RC07MO_06R	208	210	209022	<0.001	0.01	3.83	6.1	<0.2	<10	90	0.72	0.21	2.29	0.03	52.1	18.9	59	7.14	43.9	5.02	13.5	0.12	0.75	<0.01	0.037	1.33	25.4	44.4
RC07MO_06R	210	212	209023	0.001	0.01	3.58	0.6	<0.2	<10	120	0.92	0.25	0.79	0.02	41.9	18.5	58	7.46	50.2	4.85	12.8	0.14	1.07	0.01	0.035	1.4	20.2	51.2
RC07MO_06R	212	214	209024	0.001	0.02	3.18	6.9	<0.2	<10	110	0.81	0.39	0.84	0.01	50.2	32.4	55	6.91	90.5	5.39	10.85	0.14	0.94	0.01	0.032	1.28	25.2	47.5
RC07MO_06R	214	216	209025	0.002	0.01	3.5	1	<0.2	<10	120	0.88	0.37	0.84	0.02	39.1	27	59	7.39	83.7	5.56	12.25	0.14	0.97	0.01	0.035	1.41	19.6	51.3
RC07MO_06R	216	218	209026	0.001	0.01	3.76	4.1	<0.2	<10	110	0.86	0.37	1.29	0.03	44	22.8	67	7.53	62.9	5.25	13.25	0.14	0.95	0.01	0.036	1.43	21.7	52
RC07MO_06R	218	220	209027	0.001	0.01	3.73	18.8	<0.2	<10	100	0.9	0.31	2.71	0.04	30.4	24.5	62	8.21	47.2	4.98	13.4	0.16	0.86	0.01	0.038	1.46	14.3	57.3
RC07MO_06R	220	222	209028	0.001	0.01	3.63	17.9	<0.2	<10	100	0.9	0.26	2.62	0.03	29	26.1	60	7.79	45.2	4.71	12.6	0.13	0.89	0.01	0.035	1.41	13.6	53.2
RC07MO_06R	222	224	209029	0.001	0.01	3.7	9.6	<0.2	<10	100	0.88	0.42	2.84	0.05	46.8	21.2	58	7.56	41.8	4.79	13.4	0.15	0.93	0.01	0.035	1.39	22.9	55.1
RC07MO_06R	224	226	209030	0.001	0.01	3.63	26.4	<0.2	<10	100	0.98	0.22	1.65	0.03	18.65	28.7	59	7.46	33.3	4.48	13.2	0.12	0.98	0.01	0.034	1.37	9.3	56.3
RC07MO_06R	226	228	209031	0.001	0.01	3.2	6.4	<0.2	<10	100	0.93	0.27	2.08	0.06	44.5	18.9	52	6.73	46.9	4.29	11.5	0.13	0.92	0.01	0.029	1.2	22.4	46.1
RC07MO_06R	228	230	209032	0.001	0.01	2.88	20.5	<0.2	<10	90	0.82	0.26	4.27	0.06	36.1	23	46	6.08	37	4.06	9.36	0.11	0.81	0.01	0.028	1.09	17.4	38.9
RC07MO_06R	230	232	209033	0.001	0.01	2.39	12.6	<0.2	<10	80	0.78	0.11	6.98	0.07	26.7	16.3	38	4.74	32.3	3.85	8.21	0.09	0.74	0.01	0.027	0.94	12.8	30.2
RC07MO_06R	232	234	209034	<0.001	0.01	1.87	21	<0.2	<10	60	0.68	0.06	8.7	0.06	26.7	18.9	34	4.37	19.3	3.64	7.3	0.09	0.68	0.01	0.023	0.85	13.1	25.8
RC07MO_06R	234	236	209035	<0.001	0.01	3.03	23.5	<0.2	<10	90	0.75	0.11	3.6	0.05	25.6	23.6	48	5.39	28.4	3.91	10.7	0.1	0.97	<0.01	0.027	1.06	12.2	43.3
RC07MO_06R	236	238	209036	0.001	0.01	3.08	25.1	<0.2	<10	130	0.8	0.23	3.57	0.03	29.1	28.5	46	4.71	47.5	4.12	10.4	0.09	1.07	0.01	0.038	1.13	13.7	40.9
RC07MO_06R	238	240	209037	0.001	0.01	3.08	0.6	<0.2	<10	90	0.76	0.3	1.78	0.02	24.9	18	53	6.11	62.1	4.55	10.85	0.11	1.02	<0.01	0.025	1.16	11.9	45.1
RC07MO_06R	240	242	209038	0.001	0.01	3.33	0.6	<0.2	<10	110	0.82	0.56	1.37	0.03	21.6	24.1	54	6.32	76.1	5.07	11.45	0.11	1.04	0.01	0.025	1.21	10.3	48.5
RC07MO_06R	242	244	209039	<0.001	0.01	2.06	<0.1	<0.2	<10	90	0.67	0.38	6.87	0.06	15.5	15.7	35	3.63	50.2	3.97	6.88	0.08	0.76	0.01	0.024	0.85	7.6	23.5
RC07MO_06R	244	246	209040	<0.001	0.01	0.63	<2	<0.2	<10	50	0.42	0.11	10.55	0.06	21.5	8.9	11	0.72	30.5	3.24	2.24	0.06	0.44	0.01	0.019	0.31	10.5	7
RC07MO_06R	246	248	209041	<0.001	0.02	2.26	18.4	<0.2	<10	70	0.65	0.1	5.67	0.06	19.65	20.1	41	4.8	37.9	3.52	7.51	0.08	0.8	<0.01	0.023	0.87	9.8	27.8
RC07MO_06R	248	250	209042	<0.001	0.01	2.3	22.9	<0.2	<10	70	0.66	0.13	6.59	0.06	16.5	24.2	39	4.53	32.1	3.56	7.85	0.08	0.78	0.01	0.022	0.89	7.8	26.8
RC07MO_06R	250	252	209043	<0.001	0.01	2.68	12.3	<0.2	<10	140	0.94	0.16	6.3	0.06	23.4	20	47	4.72	31.8	3.69	9.33	0.09	0.86	<0.01	0.031	1.1	11.4	29.9
RC07MO_06R	252	254	209044	<0.001	0.01	1.82	16.7	<0.2	<10	60	0.57	0.11	8.03	0.07	31.4	18	34	3.68	25	3.48	6.47	0.08	0.7	0.01	0.022	0.74	15.1	23.5
RC07MO_06R	254	256	209045	<0.001	0.01	2.65	21.5	<0.2	<10	110	0.84	0.13	6.26	0.07	47.3	22.4	45	4.68	27.9	3.94	9.32	0.09	0.92	<0.01	0.03	0.99	22.7	32.9
RC07MO_06R	256	258	209046	<0.001	0.01	2.8	4	<0.2	<10	90	0.74	0.19	5.06	0.06	35	16.4	47	5.76	47.2	4.2	9.52	0.1	0.85	<0.01	0.029	1.07	17	33
RC07MO_06R	258	260	209047	<0.001	0.01	2.82	8.7	<0.2	<10	70	0.74	0.24	4.38	0.06	32.2	18.6	46	5.29	50.5	4.49	9.77	0.11	0.8	<0.01	0.026	0.96	15.1	39.1
RC07MO_06R	260	262	209048	<0.001	0.01	3.02	2.4	<0.2	<10	80	0.75	0.38	3.02	0.04	32.7	19.3	51	5.89	54.2	4.52	10.4	0.1	0.86	<0.01	0.027	1.09	15	39.9
RC07MO_06R	262	264	209049	<0.001	0.01	3.29	1.2	<0.2	<10	90	0.77	0.43	1.23	0.02	40.9	21.7	55	6.19	65	4.96	11.05	0.12	0.84	<0.01	0.027	1.15	19.7	43.4
RC07MO_06R	264	266	209050	<0.001	0.01	2.86	5.1	<0.2	<10	80	0.67	0.19	4.36	0.06	37.2	17.4	49	5.65	45.5	4.4	9.77	0.11	0.6	<0.01	0.027	1.12	17.6	34.5
RC07MO_06R	266	268	209051	<0.001	0.01	3.11	11.7	<0.2	<10	80	0.76	0.09	3.95	0.05	26.9	15.9	54	6.1	25.5	4.04	10.3	0.11	0.78	<0.01	0.028	1.14	12.8	38.4
RC07MO_06R	268	270	209052	<0.001	0.01	3.04	20.7	<0.2	<10	70	0.73	0.15	4.98	0.05	36	22.5	51	6.31	33.4	4.13	10.55	0.13	0.65	<0.01	0.028	1.14	17.4	40.2
RC07MO_06R	270	272	209053	<0.001	0.01	3.55	18.6	<0.2	<10	80	0.76	0.07	3.41	0.04	31.2	20.2	57	7.32	26.8	4.19	12.4	0.14	0.71	<0.01	0.033	1.27	14.7	46
RC07MO_06R	272	274	209054	<0.001	0.01	3.67	12	<0.2	<10	110	0.88	0.11	1.82	0.02	38.6	19.1	57	7.12	30	4.35	12.3	0.12	0.6	<0.01	0.032	1.4	18.5	49.8
RC07MO_06R	274	276	209055	<0.001	0.01	3.13	2.3	<0.2	<10	80	0.72	0.25	4.77	0.05	35.8	17.7	49	5.55	47.7	4.59	10.65	0.11	0.39	<0.01	0.03	1.02	16.8	39.9
RC07MO_06R	276	278	209056	<0.001	0.01	3.23	2.9	<0.2	<10	80	0.76	0.27	2.89	0.04	39.3	18.9	53	6.6	50.9	4.73	10.7	0.12	0.64	<0.01	0.03	1.22	19.2	40.2
RC07MO_06R	278	280	209057	<0.001	0.01	3.19	18.5	<0.2	<10	70	0.69	0.1	4.04	0.06	43.4	19.7	55	6.4	25.2	4.21	10.75	0.12	0.76	<0.01	0.031	1.12	21.5	43.3
RC07MO_06R	280	282	209058	0.001	0.01	2.84	17.3	<0.2	<10	60	0.63	0.1	3.85	0.05	37.6	20.2	51	5.48	32.4	4.26	10.4	0.12	0.72	<0.01	0.026	0.98	17.4	34
RC07MO_06R	282	284	209059	0.001	0.01	2.98	3.3	<0.2	<10	100	0.67	0.11	3.17	0.04	32.4	12.3	51	5.17	29	4.19	10.7	0.1	0.85	<0.01	0.031	1.14	14.3	33
RC07MO_06R	284	286	209060	0.001	0.01	2.78	1	<0.2	<10	90	0.61	0.27	1.67	0.02	31.7	19.1	51	5.33	58.5	4.72	10.3	0.11	0.9	<0.01	0.028	1.1	13.8	32
RC07MO_06R	286	288	209061	<0.001	0.01	2.85	1.1	<0.2	<10	90	0.65	0.51	1.32	0.05	25.4	25.6	53	5.2	90.8	5.64	10.3	0.12	0.96	<0.01	0.027	1	11.7	33.9
RC07MO_06R	288	290	209062	<0.001	0.01	2.58	0.5	<0.2	<10	70	0.6	0.39	2.61	0.05	21.2	22.5	46	5.22	67.8	5.14	9.6	0.11	0.85	<0.01	0.024	0.96	9.7	30.5

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
194	196	209015	5.75	1530	0.48	0.04	<0.05	22.3	690	2	32.5	<0.001	0.85	0.33	7.5	0.5	0.3	275	<0.01	0.02	5.2	0.047	0.18	0.62	54	0.06	9.66	20	23.4
196	198	209016	4.61	631	0.58	0.03	<0.05	37.8	700	1.7	65.1	<0.001	0.96	0.3	7.8	0.5	0.4	118.5	<0.01	0.03	8.1	0.092	0.3	0.82	67	0.06	7.38	23	28.5
198	200	209017	5.97	1550	0.5	0.03	<0.05	22.2	630	0.8	43.3	<0.001	0.34	0.1	7.1	0.4	0.3	290	<0.01	0.01	5.9	0.062	0.18	0.68	48	0.07	10.2	21	24.3
200	202	209018	6.25	1790	0.42	0.04	<0.05	20.8	610	1	36.4	<0.001	0.34	0.11	6.8	0.4	0.4	320	<0.01	0.01	5.2	0.053	0.15	0.63	43	0.07	10.85	21	23.2
202	204	209019	4.63	886	0.73	0.04	<0.05	37.8	710	1	68.8	<0.001	0.53	0.17	8.3	0.4	0.5	131	<0.01	0.02	8.6	0.101	0.3	0.86	73	0.08	8.95	26	31.5
204	206	209020	5.14	1080	0.71	0.05	<0.05	34.6	820	1.3	60	<0.001	0.91	0.23	9.5	0.6	0.6	159	<0.01	0.03	7.7	0.093	0.25	0.87	76	0.08	9.29	27	32
206	208	209021	4.61	557	0.71	0.03	<0.05	42	820	1	75	0.001	0.57	0.11	9.5	0.5	0.5	75.1	<0.01	0.02	9.4	0.119	0.31	0.87	84	0.07	8.51	33	29.4
208	210	209022	4.59	420	0.52	0.04	<0.05	40.2	900	0.8	84.5	<0.001	0.68	0.1	10.2	0.5	0.6	53.3	<0.01	0.02	9.8	0.136	0.37	0.85	92	0.06	8.04	34	29
210	212	209023	3.77	189	0.81	0.02	<0.05	47.2	690	0.9	87.2	0.001	0.76	0.08	9.9	0.8	0.8	22.1	<0.01	0.02	10.5	0.158	0.46	0.92	85	0.09	7.83	30	34.7
212	214	209024	3.25	159	0.75	0.02	<0.05	50.6	700	1.1	79.6	0.001	1.41	0.12	8.7	1.3	0.7	19.9	<0.01	0.03	9.2	0.152	0.41	0.82	76	0.09	7.54	26	33.3
214	216	209025	3.63	189	0.78	0.03	<0.05	49.9	680	1	87.9	0.001	1.24	0.11	9.4	1	0.7	25.7	<0.01	0.04	9.4	0.165	0.46	0.83	84	0.09	7.29	28	33.4
216	218	209026	4.03	252	0.8	0.03	<0.05	45.9	710	0.9	89.4	0.001	0.97	0.12	10.9	0.6	0.7	35.9	<0.01	0.02	10	0.164	0.47	0.94	97	0.09	7.29	34	32.7
218	220	209027	4.21	392	0.72	0.02	<0.05	46.9	860	0.8	93.2	0.001	0.63	0.14	11.9	0.6	0.7	82.4	<0.01	0.02	9.6	0.17	0.48	0.9	97	0.07	9.77	33	31.8
220	222	209028	3.92	323	0.69	0.02	<0.05	47.1	820	0.8	89.6	0.001	0.59	0.11	10.8	0.7	0.7	86.3	<0.01	0.03	9.8	0.158	0.45	0.93	88	0.07	8.97	32	32.3
222	224	209029	4.44	452	0.64	0.02	<0.05	43.1	810	0.8	89.9	0.001	0.55	0.15	10.8	0.7	0.7	86.7	<0.01	0.03	9.4	0.15	0.45	0.91	86	0.08	9.31	30	33.4
224	226	209030	4.21	305	0.76	0.02	<0.05	44.4	730	0.9	89.4	<0.001	0.43	0.12	10.5	0.5	0.7	50.9	<0.01	0.02	9.9	0.152	0.43	0.94	85	0.08	8.15	28	33.8
226	228	209031	4.04	388	0.7	0.02	<0.05	37.2	720	1	79	<0.001	0.68	0.14	9.3	0.8	0.6	63.5	<0.01	0.03	9	0.133	0.4	0.87	71	0.08	8.4	30	32.6
228	230	209032	4.95	783	0.6	0.02	<0.05	35.5	680	1.5	69	<0.001	0.55	0.16	8.2	0.7	0.6	133	<0.01	0.03	7.6	0.112	0.32	0.79	65	0.07	8.72	22	29.1
230	232	209033	5.81	1475	0.57	0.01	<0.05	20.9	750	0.9	57.3	<0.001	0.39	0.09	8.7	0.7	0.6	222	<0.01	0.02	6.8	0.089	0.27	0.77	58	0.08	10.5	21	27.8
232	234	209034	6.2	1610	0.66	0.01	<0.05	18.1	770	0.7	52.9	0.001	0.27	0.08	8.6	0.6	0.4	252	<0.01	0.01	6.5	0.082	0.25	0.74	53	0.07	12.05	20	25.6
234	236	209035	4.96	588	0.98	0.02	<0.05	43.9	780	0.9	68.2	0.001	0.47	0.12	7.8	0.7	0.5	108.5	<0.01	0.01	9.3	0.098	0.33	0.98	65	0.08	10.75	25	34.5
236	238	209036	4.57	552	0.81	0.03	<0.05	40	750	0.9	63	<0.001	0.87	0.13	8.8	1	0.8	108.5	<0.01	0.02	10	0.087	0.28	1.09	64	0.11	12.65	19	39
238	240	209037	4.13	316	0.77	0.02	<0.05	38.7	730	0.9	75.7	0.001	0.99	0.18	7.6	1.3	0.6	58.7	<0.01	0.02	9.3	0.104	0.35	0.96	65	0.11	9.03	21	34.3
240	242	209038	4.2	266	0.78	0.02	<0.05	44.3	730	1.3	77.4	0.001	1.26	0.16	7.9	1.4	0.6	47.5	<0.01	0.03	9.2	0.107	0.37	1	71	0.09	7.91	20	34.5
242	244	209039	5.58	1170	0.87	0.02	<0.05	25	690	1.2	49.7	0.001	0.94	0.16	7.3	1.1	0.5	224	<0.01	0.03	6.8	0.062	0.22	0.81	49	0.11	10.65	18	27.5
244	246	209040	6.42	1865	0.78	0.01	<0.05	23	550	0.6	15.8	0.001	0.54	0.09	5	1	0.3	340	<0.01	0.02	3.5	0.017	0.06	0.5	19	0.12	13	12	16.5
246	248	209041	5.25	808	0.91	0.01	<0.05	36.5	650	0.9	54.8	0.001	0.67	0.14	6.6	0.8	0.4	175	<0.01	0.02	7.5	0.073	0.23	0.94	55	0.13	9.62	22	27.6
248	250	209042	5.76	967	0.81	0.01	<0.05	34.8	690	0.8	55	0.001	0.61	0.13	7.3	0.8	0.5	205	<0.01	0.02	6.5	0.073	0.25	0.86	58	0.11	10.45	19	28.2
250	252	209043	5.58	951	0.85	0.03	<0.05	23.1	710	0.9	61.4	0.001	0.73	0.14	9.8	0.9	0.8	193	<0.01	0.02	7.4	0.077	0.26	0.94	72	0.12	10.75	20	31.7
252	254	209044	6.03	1240	0.84	0.01	<0.05	20.7	710	0.8	45.3	0.001	0.47	0.11	6.9	0.8	0.4	235	<0.01	0.02	6.6	0.064	0.21	0.78	52	0.09	11.65	18	26.1
254	256	209045	5.75	989	0.76	0.04	<0.05	37.3	720	0.9	59.3	0.001	0.76	0.16	8.7	0.9	0.7	186.5	<0.01	0.02	8.3	0.076	0.27	0.95	66	0.09	11.35	20	34.2
256	258	209046	5.2	806	0.88	0.04	<0.05	35.7	740	0.9	68.4	0.001	0.85	0.12	8.4	0.9	0.6	154	<0.01	0.02	8.1	0.089	0.3	0.89	67	0.11	10.5	24	31.3
258	260	209047	4.96	742	0.76	0.01	<0.05	37.7	780	0.7	61.5	0.001	0.95	0.12	7.6	1.3	0.5	128	<0.01	0.02	8.1	0.085	0.27	0.83	60	0.09	9.62	22	30
260	262	209048	4.6	558	0.83	0.02	<0.05	42.8	780	0.8	72.4	0.001	1.08	0.17	7.9	1.1	0.6	89.7	<0.01	0.03	10.3	0.095	0.31	0.96	59	0.09	9.4	23	32.4
262	264	209049	4.06	266	0.78	0.02	<0.05	45.7	770	0.8	75.7	0.001	1.19	0.14	7.2	1.1	0.6	39.4	<0.01	0.03	10.4	0.107	0.37	0.99	65	0.09	8.11	25	31.1
264	266	209050	4.83	853	0.83	0.02	<0.05	27.5	1010	1	72.4	0.001	0.8	0.12	8.1	0.9	0.6	134	<0.01	0.02	8.3	0.107	0.34	0.91	70	0.12	10	24	24.7
266	268	209051	4.74	729	0.68	0.02	<0.05	36.8	790	0.7	72.8	<0.001	0.47	0.12	9.1	0.6	0.6	106.5	<0.01	0.01	8.2	0.113	0.34	0.86	79	0.09	10.05	23	28.1
268	270	209052	4.46	789	0.76	0.01	<0.05	37.6	910	0.7	77.3	0.001	0.58	0.14	8.7	0.8	0.5	140	<0.01	0.02	7	0.117	0.36	0.74	78	0.08	10.1	24	24.6
270	272	209053	4.46	515	0.7	0.02	<0.05	37	800	0.6	85.3	<0.001	0.39	0.08	10	0.6	0.6	89.9	<0.01	0.01	8.4	0.133	0.4	0.8	83	0.08	9.49	28	27.1
272	274	209054	4.22	332	0.68	0.03	<0.05	39.6	960	0.7	88	<0.001	0.53	0.07	9.8	0.7	0.7	53.7	<0.01	0.02	8.2	0.138	0.43	0.83	79	0.12	8.97	24	24.3
274	276	209055	3.94	610	0.63	0.02	<0.05	39.1	1330	0.9	66	<0.001	0.91	0.13	7.9	1.1	0.5	139.5	<0.01	0.03	8.1	0.104	0.33	0.78	65	0.13	15.45	27	18.9
276	278	209056	4.01	459	1.05	0.02	<0.05	39.9	1030	0.9	79.5	<0.001	0.89	0.12	7.8	1	0.6	81.4	<0.01	0.03	8.7	0.116	0.38	0.84	70	0.15	13.05	25	26.1
278	280	209057	4.59	657	1.77	0.01	<0.05	37.7	750	0.6	74.4	0.001	0.46	0.08	8.8	0.7	0.5	89.4	<0.01	0.01	7.4	0.109	0.32	0.77	79	0.11	9.32	34	26.6
280	282	209058	4.7	786	1.58	0.01	<0.05	39.3	720	0.7	63.9	0.001	0.57	0.09	7.3	0.8	0.5	98.9	<0.01	0.02	7.7	0.094	0.28	0.82	69	0.16	9.36	25	28.6
282	284	209059	4.31	661	0.89	0.02	<0.05	33.8	800	0.7	68.9	<0.001	0.62	0.08	7.8	0.9	0.6	79.6	<0.01	0.01	9.2	0.097	0.32	0.97	75	0.11	10.2	21	34.1
284	286	209060	3.49	348	0.92	0.03	<0.05	41.9	700	0.8	69.2	0.001	1.14	0.13	6.9	1.4	0.6	49.3	<0.01	0.02	9.4	0.095	0.34	0.92	64	0.18	9.55	21	34.4
286	288	209061	3.48	319	1.51	0.02	<0.05	53.4	830	1.3	64.6	0.001	1.73	0.21	6.7	2.1	0.6	44.4	<0.01	0.03	9.2	0.09	0.31	0.95	63	0.14	8.58	36	35.3
288	290	209062	3.93	569	1.03	0.01	<0.05	46.4	820	0.9	63.1	0.001	1.41	0.16	6.1	1.6	0.5	85.9	<0.01	0.02	9.3	0.082	0.29	0.94	56	0.14	9.21	22	32.2

Hole_ID	From	To	Sample_ID	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm
RC07MO_06R	290	292	209063	<0.001	0.01	2.78	0.1	<0.2	<10	80	0.71	0.47	1.8	0.04	21.9	24.4	51	5.43	70.5	5.33	9.79	0.11	0.93	<0.01	0.025	1	10	31.3
RC07MO_06R	292	294	209064	<0.001	0.01	1.29	0.4	<0.2	<10	50	0.54	0.18	7.57	0.06	14.3	13.8	25	2.61	39.8	3.96	4.61	0.08	0.68	<0.01	0.022	0.59	6.5	13.6
RC07MO_06R	294	296	209065	<0.001	0.01	0.62	12.9	<0.2	<10	40	0.4	0.28	8.77	0.05	13.7	16.8	15	0.91	29	3.3	2.6	0.07	0.5	<0.01	0.027	0.31	6	6.8
RC07MO_06R	296	298	209066	<0.001	0.01	1.87	14.2	<0.2	<10	60	0.62	0.09	5.76	0.06	16.65	17.1	36	4.87	31	3.63	6.95	0.08	0.8	<0.01	0.025	0.87	7.8	21.3
RC07MO_06R	298	300	209067	<0.001	0.02	1.81	10.7	<0.2	<10	50	0.51	0.09	6.29	0.08	20	14.9	34	4.13	25.3	3.64	6.74	0.08	0.73	<0.01	0.024	0.77	9.3	19.5
RC07MO_06R	300	302	209068	<0.001	0.01	2.84	0.7	<0.2	<10	80	0.61	0.31	1.76	0.04	19.85	18.3	53	5.28	52.3	4.77	9.97	0.1	0.92	<0.01	0.027	0.96	8.9	29.6
RC07MO_06R	302	304	209069	<0.001	0.01	2.8	0.8	<0.2	<10	90	0.73	0.39	0.86	0.02	21.5	22.8	51	5.18	75.6	5.3	9.95	0.12	0.98	<0.01	0.027	0.97	10.1	31.8
RC07MO_06R	304	306	209070	<0.001	0.02	3.03	0.4	<0.2	<10	90	0.68	0.43	1.07	0.04	21.4	21.5	51	5.49	75.8	5.58	10.55	0.12	0.97	<0.01	0.03	1.02	9.9	34
RC07MO_06R	306	308	209071	<0.001	0.02	2.69	0.6	<0.2	<10	80	0.72	0.55	0.76	0.02	37.1	22.1	54	4.51	84.1	5.04	9.59	0.12	0.95	<0.01	0.028	0.86	17.3	32
RC07MO_06R	308	310	209072	<0.001	0.01	2.64	0.3	<0.2	<10	70	0.59	0.46	3.48	0.1	36.3	19	47	4.89	67.1	4.87	9.04	0.12	0.8	<0.01	0.027	0.92	16.9	27.9
RC07MO_06R	310	312	209073	<0.001	0.01	2.78	0.6	<0.2	<10	60	0.65	0.4	2.43	0.05	27.5	19.2	49	5.93	77.3	4.83	9.72	0.12	0.73	<0.01	0.028	0.99	12.6	31
RC07MO_06R	312	314	209074	<0.001	0.01	3.15	3.6	<0.2	<10	60	0.57	0.2	5.53	0.07	36.9	17.6	51	4.9	49.6	4.66	10.65	0.12	0.68	<0.01	0.031	0.91	16.6	34.6
RC07MO_06R	314	316	209075	<0.001	0.01	3.41	14.5	<0.2	<10	80	0.74	0.14	2.28	0.06	29.5	22.2	58	6.32	47.6	4.45	11.65	0.12	0.81	<0.01	0.038	1.15	13.2	37.4
RC07MO_06R	316	318	209076	<0.001	0.01	3.07	1.9	<0.2	<10	60	0.64	0.17	4.07	0.06	30.2	17.4	52	5.3	45.3	4.61	10.8	0.12	0.67	<0.01	0.031	0.91	13.6	34.7
RC07MO_06R	318	320	209077	<0.001	0.01	3.18	11.5	<0.2	<10	50	0.63	0.14	6.21	0.12	43.4	16.7	53	5.35	25.4	4.15	10.9	0.13	0.61	<0.01	0.031	0.93	19.7	35
RC07MO_06R	320	322	209078	<0.001	0.01	3.29	23.1	<0.2	<10	60	0.61	0.08	5.7	0.07	50.8	22.7	53	5.84	23.1	4.02	11.35	0.13	0.65	<0.01	0.031	0.99	23.5	35.8
RC07MO_06R	322	324	209079	<0.001	0.01	3.26	16.9	<0.2	<10	60	0.65	0.08	2.99	0.06	29.6	19.9	54	5.87	27.2	4.11	11.4	0.12	0.63	<0.01	0.031	1.01	13.4	38.1
RC07MO_06R	324	326	209080	<0.001	0.02	3.11	0.9	<0.2	<10	80	0.7	0.27	1.96	0.04	28.9	20.2	58	5.32	51.1	4.98	10.85	0.12	0.7	<0.01	0.032	1	12.9	36.6
RC07MO_06R	326	328	209081	<0.001	0.01	2.89	8.5	<0.2	<10	80	0.67	0.33	2.79	0.03	26.7	22	54	4.9	66.2	4.99	9.54	0.11	0.77	<0.01	0.033	0.93	12.1	32.8
RC07MO_06R	328	330	209082	<0.001	0.01	2.71	1.7	<0.2	<10	60	0.62	0.41	2.51	0.05	39	24	53	4.52	181	5.36	9.23	0.13	0.73	<0.01	0.037	0.8	18.5	32
RC07MO_06R	330	332	209083	<0.001	0.01	3.33	0.6	<0.2	<10	80	0.7	0.32	1.52	0.05	23.3	20.9	55	5.13	74.9	5.26	11.75	0.12	0.73	<0.01	0.032	0.97	10.5	38.1
RC07MO_06R	332	334	209084	<0.001	0.01	2.72	0.4	<0.2	<10	50	0.62	0.33	1.64	0.03	20.5	18.3	47	5.79	73	4.61	9.43	0.15	0.55	<0.01	0.026	0.89	9.7	31.3
RC07MO_06R	334	336	209085	<0.001	0.01	2.97	6.5	<0.2	<10	60	0.59	0.15	4.35	0.06	26.6	17.3	52	5.06	43.4	4.35	10.25	0.11	0.65	<0.01	0.029	0.9	12.4	31.1
RC07MO_06R	336	338	209086	<0.001	0.01	3.17	17.6	<0.2	<10	70	0.7	0.12	3.74	0.07	28.9	22	50	5.46	31.9	4.27	11.05	0.11	0.74	<0.01	0.033	0.98	13.3	35.5
RC07MO_06R	338	340	209087	<0.001	0.01	3.21	12.9	<0.2	<10	80	0.72	0.13	3.55	0.09	35.8	19.6	51	5.01	36	4.26	11.05	0.11	0.79	<0.01	0.035	0.96	15.7	35.7
RC07MO_06R	340	342	209088	<0.001	0.01	2.98	17.2	<0.2	<10	60	0.57	0.15	6.35	0.1	38	18.8	46	4.56	33.1	4.29	9.57	0.11	0.68	<0.01	0.031	0.87	17.5	31.6
RC07MO_06R	342	344	209089	<0.001	0.01	3	6.9	<0.2	<10	70	0.65	0.13	5.33	0.07	33.6	16.6	47	4.95	35.9	4.2	10.2	0.1	0.5	<0.01	0.033	0.98	15.1	30.5
RC07MO_06R	344	346	209090	<0.001	0.01	3.23	7	<0.2	<10	80	0.69	0.16	5.33	0.08	33.1	18.8	51	4.81	41.8	4.52	11.15	0.11	0.68	<0.01	0.036	0.94	15.3	32.7
RC07MO_06R	346	348	209091	<0.001	0.01	3.48	12.7	<0.2	<10	90	0.79	0.15	2.49	0.04	22.2	21.2	56	5.26	41.6	4.65	11.75	0.11	0.75	<0.01	0.036	1.03	10.3	37.3
RC07MO_06R	348	350	209092	<0.001	0.01	3.24	0.7	<0.2	<10	70	0.6	0.35	1.39	0.03	27	18.5	53	5.46	55.8	4.95	11.25	0.12	0.74	<0.01	0.03	0.98	12.4	36.9
RC07MO_06R	350	352	209093	0.001	0.01	3.24	1.3	<0.2	<10	80	0.9	0.3	1.39	0.03	23.5	22.6	56	4.79	57.7	5.44	10.35	0.08	0.72	<0.01	0.028	0.96	12.3	51.4
RC07MO_06R	352	354	209094	0.001	0.01	3.32	2.2	<0.2	<10	80	0.83	0.21	2.53	0.07	30.3	21	54	5.25	57.8	5.28	11.15	0.09	0.65	<0.01	0.033	1.01	15.1	52.2
RC07MO_06R	354	356	209095	<0.001	0.04	3.07	11.4	<0.2	<10	70	0.74	0.09	4.29	0.05	20.9	18.4	47	5.06	24.2	4.07	9.91	0.08	0.62	<0.01	0.028	1	10.9	45.4
RC07MO_06R	356	358	209096	<0.001	0.11	3.64	2.9	<0.2	<10	90	0.88	0.19	1.61	0.03	23.2	19.7	56	5.04	45.1	5.28	11.4	0.08	0.75	<0.01	0.032	1.02	11.6	54.6
RC07MO_06R	358	360	209097	<0.001	0.01	3.38	2.4	<0.2	<10	90	0.91	0.13	1.72	0.04	24.4	17	54	5.2	37.6	4.86	10.9	0.08	0.76	<0.01	0.032	1.07	12.1	51.3
RC07MO_06R	360	362	209098	<0.001	<0.01	2.9	3.9	<0.2	<10	80	0.85	0.27	1.37	0.03	32.5	22.3	54	4.44	45.1	5.19	9.46	0.08	0.74	<0.01	0.027	0.86	16.5	45.4
RC07MO_06R	362	364	209099	<0.001	<0.01	2.97	0.5	<0.2	<10	80	0.77	0.18	5.18	0.07	27.9	20.5	54	3.97	49.4	5	9.8	0.08	0.71	<0.01	0.028	0.89	14	41.6
RC07MO_06R	364	366	209100	<0.001	0.07	3.19	2.5	<0.2	<10	70	0.83	0.25	2.54	0.06	40	22.7	57	4.64	60.3	5.34	10.45	0.09	0.72	<0.01	0.03	0.91	19.9	47.4
RC07MO_06R	366	368	209101	<0.001	0.01	3.24	7	<0.2	<10	70	0.85	0.18	2.31	0.05	23.2	21.8	54	5.01	42.7	5.03	10.6	0.08	0.67	<0.01	0.027	0.95	12.1	48.5
RC07MO_06R	368	370	209102	<0.001	0.01	3.08	2.9	<0.2	<10	70	0.79	0.2	5.07	0.07	23.1	22.2	55	4.43	47.4	5.13	10.3	0.08	0.64	<0.01	0.028	0.88	12.2	44.5
RC07MO_06R	370	372	209103	<0.001	<0.01	3.43	5.3	<0.2	<10	80	0.88	0.17	4.03	0.06	27.7	22.4	57	4.77	44.7	5.17	11.2	0.08	0.69	<0.01	0.03	0.99	13.9	49.3

From	To	Sample_ID	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
290	292	209063	3.69	387	0.89	0.02	<0.05	48.6	740	1	63.9	0.001	1.63	0.19	6.6	1.6	0.5	59.2	<0.01	0.03	9.2	0.083	0.31	0.97	61	0.11	8.39	24	35.1
292	294	209064	5.2	1565	0.95	0.02	<0.05	29.3	770	0.7	35.7	0.001	1.01	0.15	5.7	1.3	0.3	258	<0.01	0.02	7.1	0.042	0.16	0.78	34	0.12	12.45	16	25.5
294	296	209065	5.19	1725	1.08	0.02	<0.05	19.1	750	0.6	17.4	0.001	0.86	0.19	5.9	1.1	0.3	286	<0.01	0.02	4.4	0.017	0.07	0.58	23	0.4	14.05	15	19.2
296	298	209066	4.67	1060	0.93	0.01	<0.05	39.1	860	0.7	56.4	0.001	0.65	0.12	6.1	0.8	0.4	180	<0.01	0.01	7.8	0.073	0.24	0.93	53	0.2	11.65	21	30
298	300	209067	4.8	1205	0.79	0.01	<0.05	34	850	0.8	48.4	0.001	0.56	0.12	6.2	1	0.4	170	<0.01	0.01	7.3	0.066	0.22	0.87	50	0.11	12.9	20	28.1
300	302	209068	3.68	410	4.68	0.02	<0.05	48	830	0.9	61.9	0.002	1.32	0.17	6.1	1.5	0.5	55.5	<0.01	0.02	9.6	0.084	0.25	1.03	61	0.12	8.84	27	34
302	304	209069	3.17	236	1.73	0.01	<0.05	49.8	790	1	63.3	0.001	1.8	0.25	6.1	2.1	0.6	30.9	<0.01	0.03	9.9	0.086	0.3	0.98	55	0.13	8.04	24	37.9
304	306	209070	3.58	322	0.76	0.02	<0.05	44.4	820	0.9	64.5	0.001	1.74	0.23	6.4	2	0.6	33.6	<0.01	0.03	10.5	0.092	0.35	1	63	0.11	7.98	30	36.4
306	308	209071	3.01	230	1.55	0.02	<0.05	49.1	790	1.2	56.1	0.002	1.88	0.33	5.9	1.9	0.6	25.9	<0.01	0.02	10.6	0.076	0.26	1.08	61	0.12	7.84	25	36.8
308	310	209072	3.75	713	1.03	0.02	<0.05	39.9	790	1.1	59.3	0.001	1.57	0.25	5.9	1.7	0.5	99.6	<0.01	0.02	8.6	0.084	0.33	0.89	60	0.13	9.8	26	30.5
310	312	209073	3.93	591	0.84	0.01	<0.05	38.4	790	0.8	67.6	0.001	1.41	0.21	5.8	1.3	0.5	74	<0.01	0.02	8.2	0.095	0.33	0.84	62	0.12	8.44	30	27.3
312	314	209074	4.5	896	0.8	0.01	<0.05	37.6	1000	0.7	57.4	0.001	0.92	0.16	7.3	1.1	0.5	178.5	<0.01	0.02	7.5	0.09	0.28	0.8	77	0.07	11.05	33	27.1
314	316	209075	4.08	433	0.87	0.01	<0.05	39.5	770	0.6	74.4	0.001	0.77	0.13	8.1	1	0.6	64.9	<0.01	0.01	8.4	0.111	0.35	0.81	81	0.09	9.27	55	30.9
316	318	209076	4.49	785	0.82	<0.01	<0.05	36.8	850	0.6	59.9	0.001	0.83	0.1	7.8	1.1	0.5	134.5	<0.01	0.02	7.3	0.087	0.28	0.78	78	0.1	10.55	33	25.8
318	320	209077	4.82	1010	1.11	0.01	<0.05	35.3	940	0.8	61.1	0.001	0.48	0.22	8.6	0.9	0.4	216	<0.01	0.01	7.1	0.091	0.28	0.72	85	0.11	11.15	39	23.8
320	322	209078	4.65	927	0.83	<0.01	<0.05	36.3	910	0.7	65	0.001	0.41	0.15	8.5	0.9	0.5	201	<0.01	0.01	6.6	0.097	0.3	0.68	88	0.08	11.05	36	24.3
322	324	209079	4.39	612	0.79	<0.01	<0.05	37.2	760	0.6	66.4	0.001	0.48	0.12	7.8	0.8	0.5	89.7	<0.01	0.01	6.9	0.099	0.31	0.64	78	0.08	8.71	36	23.3
324	326	209080	3.93	483	0.92	0.02	<0.05	41.5	790	1.1	64.1	0.001	1.16	0.18	7.3	1.6	0.6	56.1	<0.01	0.01	8.6	0.089	0.25	0.82	76	0.13	8.88	34	27.9
326	328	209081	3.52	493	5.69	0.02	<0.05	39.9	740	0.9	59.3	0.001	1.28	0.21	6.8	2	0.6	85.9	<0.01	0.02	8.8	0.079	0.21	0.89	69	0.18	11.15	33	29.1
328	330	209082	3.66	541	4.7	0.01	<0.05	43	830	1	52.2	0.002	1.48	0.24	6.3	2.1	0.5	72.3	<0.01	0.03	9.2	0.073	0.16	0.91	66	0.16	8.62	40	27.6
330	332	209083	4.06	412	0.92	0.01	<0.05	41.2	940	1	62.9	0.001	1.25	0.23	7.4	1.6	0.6	50.9	<0.01	0.02	8.8	0.086	0.3	0.85	71	0.12	9.03	32	29.7
332	334	209084	3.47	381	0.84	<0.01	<0.05	34.7	770	1.1	62.3	0.001	1.32	0.37	5.5	1.4	0.4	46.1	<0.01	0.02	7.7	0.086	0.34	0.68	61	0.13	7.32	27	21
334	336	209085	4.22	807	0.96	0.01	<0.05	35	840	0.7	56.8	<0.001	0.85	0.14	7.5	1.1	0.5	137.5	<0.01	0.01	7.5	0.082	0.29	0.75	77	0.09	9.56	32	25.2
336	338	209086	4.52	763	1.16	0.01	<0.05	36.7	800	0.9	64.1	0.001	0.69	0.24	7.4	1	0.5	117.5	<0.01	0.02	7.2	0.09	0.3	0.77	69	0.12	9.36	44	28.1
338	340	209087	4.6	776	1.01	0.01	<0.05	39.3	750	0.8	59.6	0.001	0.68	0.18	7.6	1	0.6	114.5	<0.01	0.01	8.1	0.083	0.27	0.84	67	0.11	9.5	52	30.7
340	342	209088	5.02	1160	0.79	0.01	<0.05	33.3	950	0.7	52.9	<0.001	0.6	0.15	7.3	1.1	0.5	226	<0.01	0.02	7	0.082	0.26	0.75	66	0.1	11.05	33	26.5
342	344	209089	4.42	946	0.81	0.01	<0.05	38.6	960	0.9	60.7	0.001	0.76	0.24	7.4	1.2	0.6	171.5	<0.01	0.01	8.3	0.085	0.3	0.81	64	0.1	11.35	27	23.5
344	346	209090	4.18	857	0.84	0.01	<0.05	37.7	900	0.7	59	0.001	0.86	0.16	7.6	1.2	0.6	173	<0.01	0.02	8	0.084	0.26	0.78	70	0.1	11.6	40	27.8
346	348	209091	4.11	509	0.9	0.03	<0.05	41.8	840	0.6	65.2	0.001	0.82	0.14	7.7	1.2	0.7	73.2	<0.01	0.02	8.7	0.093	0.29	0.88	75	0.13	9.52	34	30.8
348	350	209092	3.73	343	0.89	0.01	<0.05	41.2	810	0.8	65.9	0.001	1.09	0.24	6.9	1.6	0.5	39.1	<0.01	0.02	9.2	0.091	0.31	0.88	69	0.11	7.94	30	29.7
350	352	209093	3.61	306	0.77	0.02	<0.05	44.2	850	0.6	66.5	<0.001	1.11	0.18	7.9	1.8	0.5	39.4	<0.01	0.02	8	0.092	0.27	0.73	66	0.1	7.31	29	28.6
352	354	209094	3.69	432	0.55	0.03	<0.05	37.6	910	0.5	71.7	<0.001	1.05	0.13	9.2	1.6	0.5	75.5	<0.01	0.02	6.8	0.101	0.32	0.65	74	0.07	8.5	44	26.1
354	356	209095	3.27	518	0.62	0.03	<0.05	34	890	0.5	71.3	<0.001	0.65	0.11	8.1	1.1	0.5	134	<0.01	0.01	6.2	0.098	0.31	0.57	61	0.11	9.51	21	24.8
356	358	209096	3.82	305	0.68	0.03	<0.05	43.6	910	1	70.2	<0.001	1.04	0.14	8.5	1.4	0.6	37.7	<0.01	0.02	7.3	0.097	0.28	0.68	65	0.1	8.3	29	28.6
358	360	209097	3.7	369	0.62	0.03	<0.05	39.9	850	0.6	73.9	<0.001	0.84	0.16	8.5	1.4	0.6	48.3	<0.01	0.01	7.9	0.106	0.31	0.72	64	0.1	8.13	28	29.1
360	362	209098	3.2	300	0.86	0.03	<0.05	43.3	800	0.6	61.2	<0.001	1.28	0.2	7.1	2	0.5	37.4	<0.01	0.02	8.3	0.083	0.23	0.75	59	0.11	7.5	24	27.9
362	364	209099	3.43	728	0.73	0.03	<0.05	35.9	860	0.5	60.3	<0.001	1.21	0.15	9.9	1.9	0.5	148	<0.01	0.02	7.4	0.084	0.25	0.7	75	0.09	10.05	22	29.1
364	366	209100	3.6	416	0.89	0.03	<0.05	41.5	860	0.6	64.7	<0.001	1.23	0.15	8.9	1.7	0.5	67.6	<0.01	0.02	7.8	0.087	0.23	0.76	75	0.09	8.56	36	27.4
366	368	209101	3.72	418	0.89	0.04	<0.05	40.4	960	0.6	68.5	<0.001	1.05	0.16	8.5	1.5	0.5	63.4	<0.01	0.01	8.1	0.092	0.27	0.7	69	0.11	8.27	25	27.2
368	370	209102	3.88	783	0.93	0.03	<0.05	40.7	1000	0.5	63.2	<0.001	1.08	0.12	10.2	1.7	0.5	146.5	<0.01	0.01	6.9	0.084	0.24	0.68	77	0.11	10.15	21	25.1
370	372	209103	3.99	630	0.88	0.04	<0.05	41.6	910	0.6	68.5	<0.001	1.09	0.13	10.4	1.7	0.5	111.5	<0.01	0.01	7.1	0.092	0.26	0.66	80	0.11	9.66	25	29.6

(PART 2) EXPLORATION LICENCE 3164

("Mongolata East")

ANNUAL TECHNICAL REPORT

For the period ending 12 February 2008

Manager: Australian Field Services Pty Ltd
(in joint venture with Phoenix Copper Limited)

Author: I.B. Freytag
Adelaide

Date: April 2008

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1. SUMMARY OF ACTIVITIES

Australian Field Services Pty Ltd has commenced exploration in the Mongolata East block of EL3164 for granite-related Cu-Au or Au-only mineralisation.

The program follows exploration activity in this licence during the previous two years by Marathon Resources, but with a somewhat different line of approach.

AFS activities included:

- a review of existing detailed gravity data
- a helicopter-borne REPTEM survey over portion of the tenement involving 169 line kilometres in an area of 32 square kilometres (data submitted in EL3581, ATR to 20-06-08)

(REPTEM data - see Government of SA Mineral Resources Website)

- auger drilling for calcrete and weathered bedrock geochemistry on three geophysical target areas.

IP traverses on the three target areas have been negotiated with Zonge Engineering.

Keywords:

Burra 1:250,000 SI5405; Mongolata 1:50,000 6730-iv; Newikie 1:50,00 60730-i; granite-related Au-Cu(-Mo) mineralisation; Delamerian granitoids; King Well; Chalk Cliffs; hydrothermal alteration; gravity lows; airborne EM survey; REPTEM; auger drill sampling; weathered bedrock; calcrete; Neoproterozoic sediments.

2. INTRODUCTION, HISTORY, EXPLORATION RATIONALE

2.1 Tenure

Exploration Licence 3164 was granted on 13 February 2004, initially to Bonanza Gold Pty Ltd, which company subsequently became a wholly-owned subsidiary of Marathon Resources Limited. Marathon surrendered portion of the licence on 12 February 2006, leaving a western and eastern block (Figure 1). Mongolata East is about 225 sq.kms in area.

EL3164 is located some 150 kms NNE of Adelaide and 20 kms ENE of Burra (Figure 2).

The current and standing tenure situation at the time of issuing this report is that –

- Phoenix Copper Limited (Phoenix) owns title to the whole of EL3164.
- Australian Field Services Pty Ltd (AFS) is funding and managing exploration in the eastern block only of EL3164 ("Mongolata East", Figure 1), under joint venture agreement with Phoenix.
- AFS has no involvement or interest in the western block of EL3164.

Previously –

- An interim agreement in December 2007 between Phoenix, AFS and the then licensee Marathon, was superseded on 28 January 2008 when Phoenix purchased in its own right, the title and JV interest in EL3164 from Marathon.

2.2 Access, Topography, Exploration Rationale

General access to this licence area exists via the regional Eastern Road, off the Burra to Morgan sealed road, and the Redcliffe secondary road (Figure 1). Well-placed station tracks have been convenient access to field work-sites.

Vehicle movement over most of the licence area would be easy.

Topography in Mongolata East is subdued on a widespread alluvium-calcrete surface, except in the southwest corner where outcropping Neoproterozoic sediments form an area of rolling hills.

Land use is devoted entirely to low-density sheep grazing. Vegetation is predominantly bluebush and saltbush. Some mallee clumps occur in the hilly Chalk Cliffs area.

The Mongolata East licence area is not subject to Native Title claims at this stage.

2.3 Exploration History

Recent licensee Marathon Resources developed an exploration programme in EL3164 for large porphyry-style copper-gold deposits.

An initial review of aeromagnetic and gravity data, and some geochemical orientation studies, led to an extensive grid sampling for calcrete and soil (MMI) geochemistry, and gravity detailing (Marathon, 2006).

On the basis of these results, three deep RC percussion holes were drilled on Koomooloo station. The report on this drilling is not yet available to the author.

Prior to Marathon's tenure, earlier exploration results reported from and around the old King Well are of interest to the current AFS project (Figure 3). During an investigation of coal potential and metalliferous possibilities in basement rocks in the western Murray Basin in EL373, Dampier Mining (1978) suspected unusual altered carbonate-rich rocks on the dump of King Well might be carbonatite. A grid-based ground magnetometer survey followed, and IP traverses produced a number of anomalies as shown in Figure 3. Three rotary holes were drilled close to King Well and three on IP targets. Although carbonatite was not confirmed, this drilling demonstrated the presence of hydrothermally altered calcareous sediments and breccias with talc, chlorite, phlogopite, hematite, pyrite and magnetite, and weak copper mineralisation.

Western Mining sampled dump material at King Well in 1985, which returned strong gold assays of 28 and 49 g/t Au in quartz veined sulphidic phyllite (Paterson, 1986)

2.4 Exploration Objectives and Rationale

Australian Field Services is seeking to locate and evaluate targets for the discovery of economic granite-related Cu-Au-(Mo), or Au-only mineralisation.

Based on present knowledge of Delamerian granitoids along the eastern margin of the Mount Lofty Ranges, and particularly in the Nackara Arc, the following indicators are considered to be important in early exploration for such deposits –

- Mineralisation may be in proximity to, sometimes within the granitoid body
- There will be a dominant structural (fault) control with the mineralising process
- High level intrusive dykes of likely intermediate composition will be associated genetically with the mineralisation, probably within an envelope of hydrothermal alteration

- Quartz veining or infusion will be present

- Carbonate host rock may be brecciated, or possibly skarn altered

The exploration approach so far has been based on the premise that intrusive granitoid, and moreso, related hydrothermal alteration, and mineralisation, may produce a negative gravity response. Two previously reported gravity lows were therefore selected for follow-up work. At the same time, flying of the King Well area with the REPTEM airborne EM system sought good general coverage which might identify direct indications of mineralisation and/or alteration.

3. GEOLOGY

3.1 Regional Setting

The Mongolata East licence area is located at the eastern topographic margin of the Flinders-Mount Lofty (Delamerian) Fold Belt which in this region, forms the northern Mount Lofty Ranges.

These are composed of Neoproterzoic sediments of the Adelaide Geosyncline, details of which can be found in Preiss (1987).

A line of syn- and post-tectonic Ordovician granitoids extends along the eastern margin of the fold belt. Tertiary sediments of the Murray Basin lap over its basement from the east, and these are covered by extensive Quaternary alluvial sands and clays capped by a calcrete surface.

3.2 Licence Geology

Availability of the Mongolata and Newikie 1:50,000 PIRSA geology maps (Preiss 2003; 2006) provides geological information which, for the current licence objectives, need not be further detailed.

Figure 3 shows the Neoproterozoic outcrops, which are confined to the south west corner of the licence in the Chalk Cliffs area. Most of these are fine clastics and carbonates of the Tapley Hill Formation, which have been bleached white and intruded by numerous lenses and veins of white quartz.

Units above the Tapley Hill Formation crop out about one kilometre east of the Chalk Cliffs ruin, including the Cox Sandstone Member, while further east, a patch of Appila Tillite has been intruded by an Ordovician leucogranite. The Cox Sandstone is on record as a favourable host to a number of gold deposits in the Nackara Arc (Morris and Horn, 1990) and the tillite has been shown to be gold anomalous in places, and regarded as a possible source for the remobilisation of gold in this region.

Several small Tertiary silcrete remnants also occur in the Chalk Cliffs area.

Breaks in the regional gravity and aeromagnetic data allow for the interpretation of a major fault zone passing north-northeast through the Chalk Cliffs ruin. This may be a fundamental structure of some significance to the granite-related mineralisation concept for this project.

4. GEOPHYSICS (data submitted in EL3581, ATR to 20-06-08)

Approximately 32 square kilometres of the report area (Fig.3) was flown with the Geosolutions helicopter-borne REPTEM/magnetometer system as an extension of a survey contracted for the adjoining EL 3581 to the north.

The Mongolata East portion was flown on 18th October 2007, totalling 169 line kilometres with 200 metre line spacings.

The magnetometer malfunctioned during the survey, and aeromagnetic data was limited to about half the survey coverage. The TMI has not yet been integrated with other data sets.

The REPTEM results have been analysed by consultant geophysicist Jovan Silic and his report is included here as Appendix A. One particular feature ("MG-01") has been interpreted as a 3D circular conductivity anomaly, which coincides with a gravity low (Fig.3). The suggested source of MG-01 varies from saline water, an increase in local weathering, or weathering associated with an alteration system.

Our limited knowledge of the geological setting around anomaly MG-01 could accommodate each or all of these. Results of the auger drilling in this program have provided evidence of intense leaching, but visually, none of hydrothermal alteration.
(EM data - see Government of South Australia Mineral Resources Website)

5. GEOCHEMISTRY

As a result of the auger sampling programme described below, 33 calcrete samples and 40 weathered bedrock samples will be sent for geochemical analysis.

The analytical results will be included in the next annual report.

6. AUGER DRILLING

Investigation of the two discrete REPTEM anomalies and the Chalk Cliffs gravity low began with a weathered bedrock sampling program to establish geological indicators and geochemical associations. Each of these anomalies is positioned in an area of surficial cover.

Work approvals were granted by PIRSA on 6 February 2008 for drilling at the three nominated locations, area A (Quinn's), area B (Koomooloo), and area C (Chalk Cliffs).

An available auger rig was engaged on the basis of very limited knowledge of regolith conditions in the district. Drilling by Dampier (1978) at and near King Well encountered 14 to 22 metres of clay, sand and gravel above bedrock in four rotary holes.

The McMaster truck-mounted rig was able to drill 10-inch hole to maximum depth of 28 metres in favourable ground. It was operated by B. Jones of Coober Pedy.

Some serious problems were encountered early in the programme with the 15 to 20 metre-thick alluvial clay-sand-gravel blanket, which often included small to medium-sized, hard cobbles. These at times impeded penetration, or lodged in the auger causing caving of alluvial material and contamination of samples. Heavy puggy clays caused penetration difficulties in some places. In the Chalk Cliffs area, however, where bedrock has only a thin soil-calcrete cover, drilling and sampling performance was adequate.

Representative samples from the auger drilling have been submitted to PIRSA Core Library.

No ground water was cut in any of the auger holes.

In all, 37 auger holes were drilled for a total of 528 metres. Drill hole and sampling records are listed in Appendix B.

6.1 **Area A - Quinn's** (Figure 4)

The first-look target here was a discrete channel 15 REPTEM anomaly, which on analysis, was later down-graded. The reconnaissance drilling plan was to cover the anomaly with 100 metre spaced holes on lines 100 to 200 metres apart, subject to progressive results.

Four holes only were attempted. Drilling on line 6283600N encountered a 10 metre interval of heavy, puggy grey clay at about 12 metres depth. Penetration was slow and contamination from overlying sands increased with depth. Holes 03 and 04 took 3 1/2 hours to reach the depth limit of the rig.

Because of the laborious progress and unreliable sample recovery, drilling was discontinued.

6.2 **Area B - Koomooloo** (Figure 5)

The target is a discrete small Channel 15 REPTEM anomaly which coincides with the centre of a prominent gravity low. Auger sampling aimed to cover this anomaly and surrounds with holes 20 to 100 metres apart on lines 100 to 400 metres apart.

Ground conditions again presented serious problems with the auger rig and only 10 holes were drilled in this area. The clay-sand alluvial blanket contains numerous gravel layers with nodules and cobbles large enough to hinder (and stop) penetration, and cause caving and lower hole contamination.

Four holes (ME08, 09, 11 and 12) were effectively abandoned without producing good quality samples.

The other holes ended in weathered shale and siltstone, however, three of them (06, 10 and 13) placed centrally on the conductivity high, were in white distinctly kaolinized rock. The significance of this is not apparent.

6.3 **Area C - Chalk Cliffs** (Figure 6)

Auger drilling in this area was designed to sample bedrock material co-incident with a well-defined gravity low. Holes were at 100 and 50 metre spacings along N-S lines at 336500E and 336200E.

The anomaly area borders hilly, outcropping Neoproterozoic sediments to the southwest and it has a soil-calcrete cover on bedrock. Auger drilling was straightforward and produced reliable samples in every hole. Twenty three holes were completed for a total 214 metres.

Most of these drill holes ended in variously coloured weathered shales, with minor dolomite and siltstone. However, an interval along each line (ME23 to ME25 on 336500E; ME29 to ME31 on 336200E) defined a zone of altered soft clay-talc rocks with associated rough nodules of silicified saccharoidal clear crystalline quartz, with numerous druses with euhedral quartz linings. Some of the nodules are brown Fe-stained, but no definite signs of sulphide were seen.

This is good evidence of hydrothermal activity in rocks positioned near the axis of the gravity low. Petrographic work, geochemistry, and induced polarisation surveys are planned to investigate this association.

7. ENVIRONMENT

A Rehabilitation Photo Report on the auger drilling in the Mongolata East program has been submitted to PIRSA. It covers the three areas nominated and approved for drilling. A total of 528 metres was drilled in 37 holes.

Good primary access to each of the drilling areas was achieved along existing station tracks. Movement of the drilling rig and support vehicles over saltbush on the drill lines was kept to a minimum.

All holes were back filled to surface soon after completion of drilling. Excess coloured or white cuttings from some drill holes are to be removed.

8. EXPENDITURE STATEMENT

Exploration expenditures incurred by Australian Field Services in the Mongolata East block of EL3164 during the period of joint venture with Marathon Resources Limited beginning August 2007, and thereafter with Phoenix Copper Limited to 12 February 2008 are:

Accommodation	$301.70
Travel	463.29
Fuel	605.96
4WD hire	1,173.40
Field supplies	136.49
Field equipment	1,765.66
Map printing, photocopying	29.00
Communications	84.75
Airborne geophysical survey (REPTEM)	23,100.00
Auger drilling	11,521.92
Geological services (drilling)	4,500.00
Project management	3,890.00
Aggregate expenditure	47,572.17
Administration (12%)	5,708.66
TOTAL EXPENDITURE	$53,280.83

9. CONCLUSIONS

The airborne TDEM survey over the King Well area of EL 3164, which sought to locate evidence of hydrothermally altered rock bodies or more directly, metallic mineralisation, produced a discreet conductivity high anomaly in Area B. This coincides with a previously defined gravity low.

Interpretation of the EM anomaly data leaves three possibilities as to its source, including weathering associated with hydrothermal alteration. Auger drilling at this location met with limited success, but did encounter intensely kaolinised bedrock of uncertain derivation. Geochemical analyses and petrological work on cuttings may clarify this.

Auger drilling across the Chalk Cliffs gravity low (Area C) located hydrothermal alteration of likely distal composition across up to 100 metres width. Geochemical and petrology reports are awaited.

Both Area B and C offer real interest in terms of the project objectives. Induced polarisation surveys will be conducted on each and may add to the case for deeper RC drill testing.

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APPENDIX A

Airborne EM Survey

See Government of South Australia Mineral Resources Website For Data

Interpretation of 2007 REPTEM Survey Data

Mongolata East

EL 3164

For

Australian Field Services / Phoenix Copper JV

By

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(JSA Pty Ltd)

March 2008

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SUMMARY

REPTEM airborne TDEM survey has detected 3D circular conductivity feature coincident with a gravity low and which may represent increase in weathering and / or saline water and / or weathering associated with an alteration system.

1. INTRODUCTION

In October 2007 a 175 kilometre airborne REPTEM 25 Hz TDEM data set was collected the over the Mongolata East Project Exploration Licence EL 3164 in South Australia (Figure 1). Geosolutions Pty., Ltd., an Adelaide based geophysical services company performed the survey on behalf of Australian Field Services / Phoenix Copper JV. The purpose of the survey was to detect conductive targets within the survey area. The purpose of this report is to present the analysis of the REPTEM data and the identification of potential targets representing mineralisation.

2. SURVEY EQUIPMENT

Airborne EM data was collected using the REPTEM electromagnetic and magnetic system, with a base operating frequency of 25 Hz. Real times differential GPS was used for navigation and the data was collected at nominal 200 meter line spacing.

Table 1: Airborne Equipment Specifications

System Parameters		**REPTEM 25 hz** Specifications
Navigation		Real time Differential GPS
Nominal aircraft speed (m/s)		30
Geometry	Transmitter height Above ground level (m agl) (Nominal terrain	35
	Receiver Bird Height (agl, m)	35
	Tx-Rx horizontal separation (m)	0
Transmitte	Coil Axis	Vertical
	Signal	Square
	Base frequency (Hz)	25
	Repetition rate (pulses per second)	35
	Pulse width (microseconds)	4200
	Loop area (square metres)	210
	Number of turns	2
	Peak Current (amps)	320
	Tx loop dipole moment (Am^2)	1.32×10^5
Receiver	Coil Axes	Z
	Sample Interval (seconds)	0.10
	Channel times	see Table 2

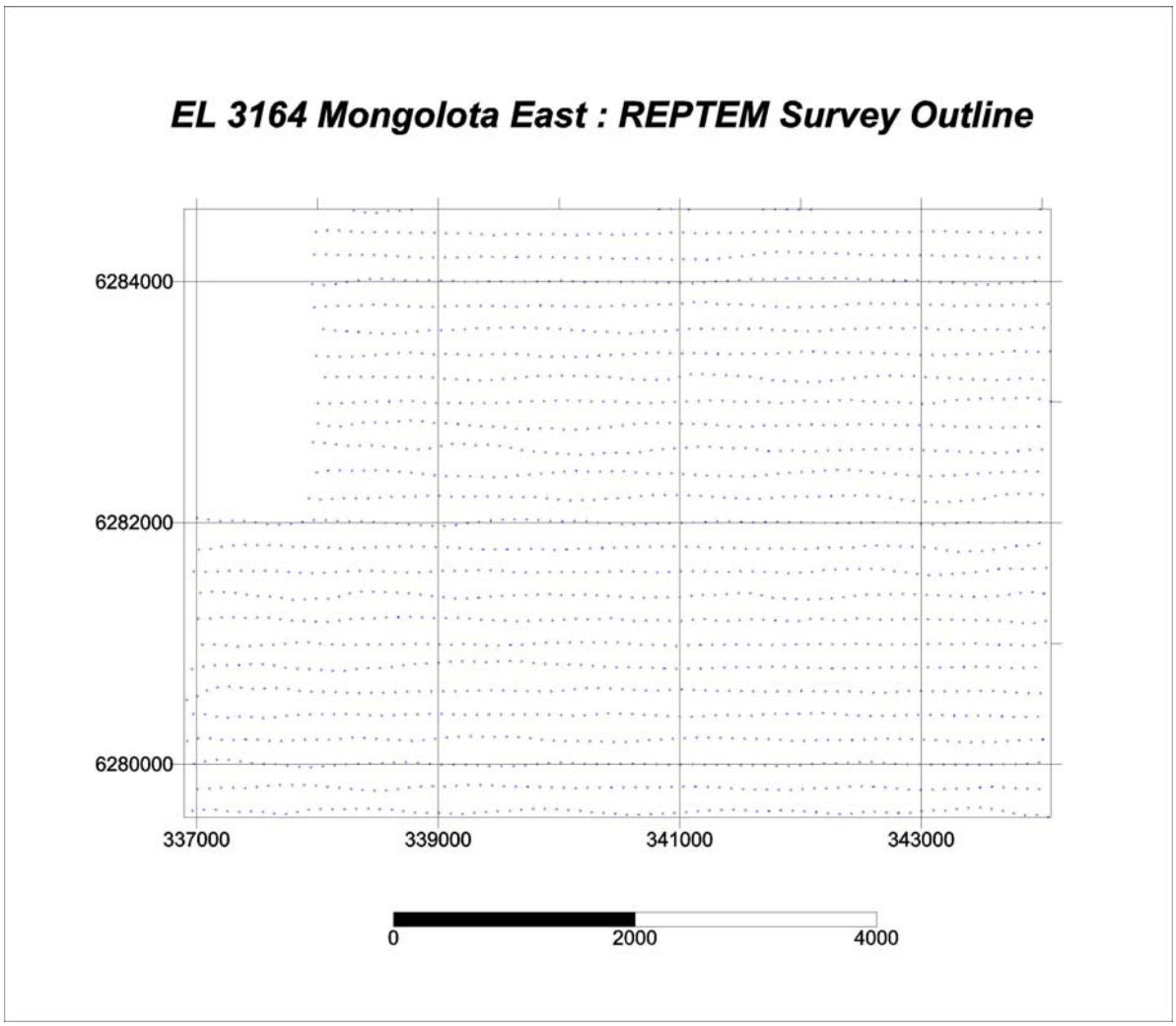


Figure 1: EL3164 Mongolota East: REPTEM Survey Outline

Table 2: Receiver Channel Positions

Channel	Channel Centre (microseconds)	Channel Width (microseconds)
1	112	25
2	137	25
3	162	25
4	225	100
5	325	100
6	426	110
7	527	110
8	679	220
8	932	330
10	1286	450
11	1742	560
12	2299	670
13	2957	780
14	3716	810
15	4577	910
16	5538	1012
17	6601	1115
18	7766	1215
19	9032	1316

3. DATA CHARACTERICS AND QUALITY

REPTEM EM data over the Mongolota East Project exploration licence as illustrated by Figures 2 – 2b , covers a wide dynamic range with a number of conductive (high signal levels) areas set in amongst reasonable uniform background responses. These extensive conductive features appear to be aligned with the general NW strike of the geology as is evident in the magnetic data (Figure 2c). As such some of these regional conductive features most likely represent weathering along structures and / or lithologocal units and/or alteration. Set amongst and away from these "formational "style conductors there is an isolated 3D conductivity feature in the central western part of the survey area (Figure 2 b) . .

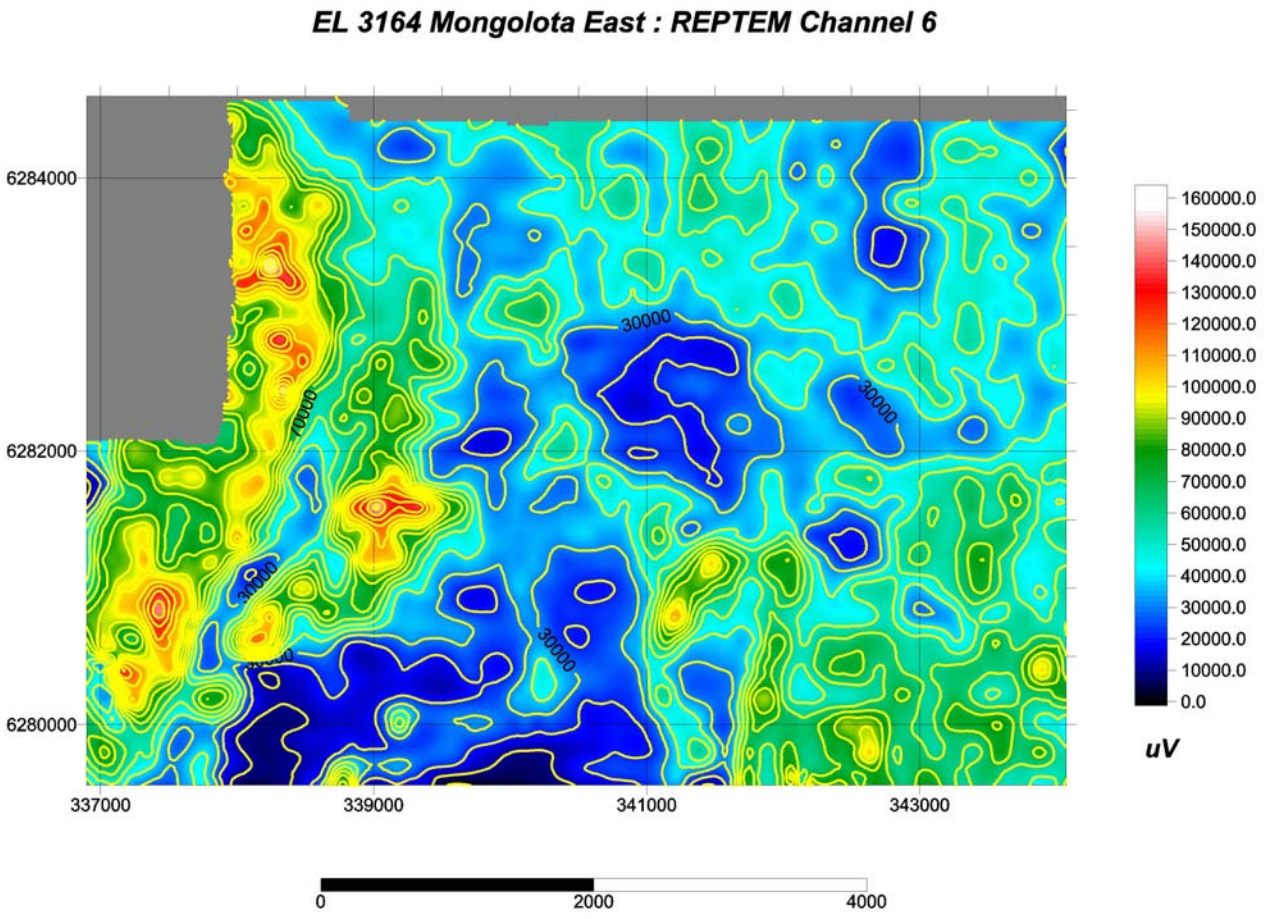


Figure 2. EL3164 Mongolota East: REPTEM Channel 6

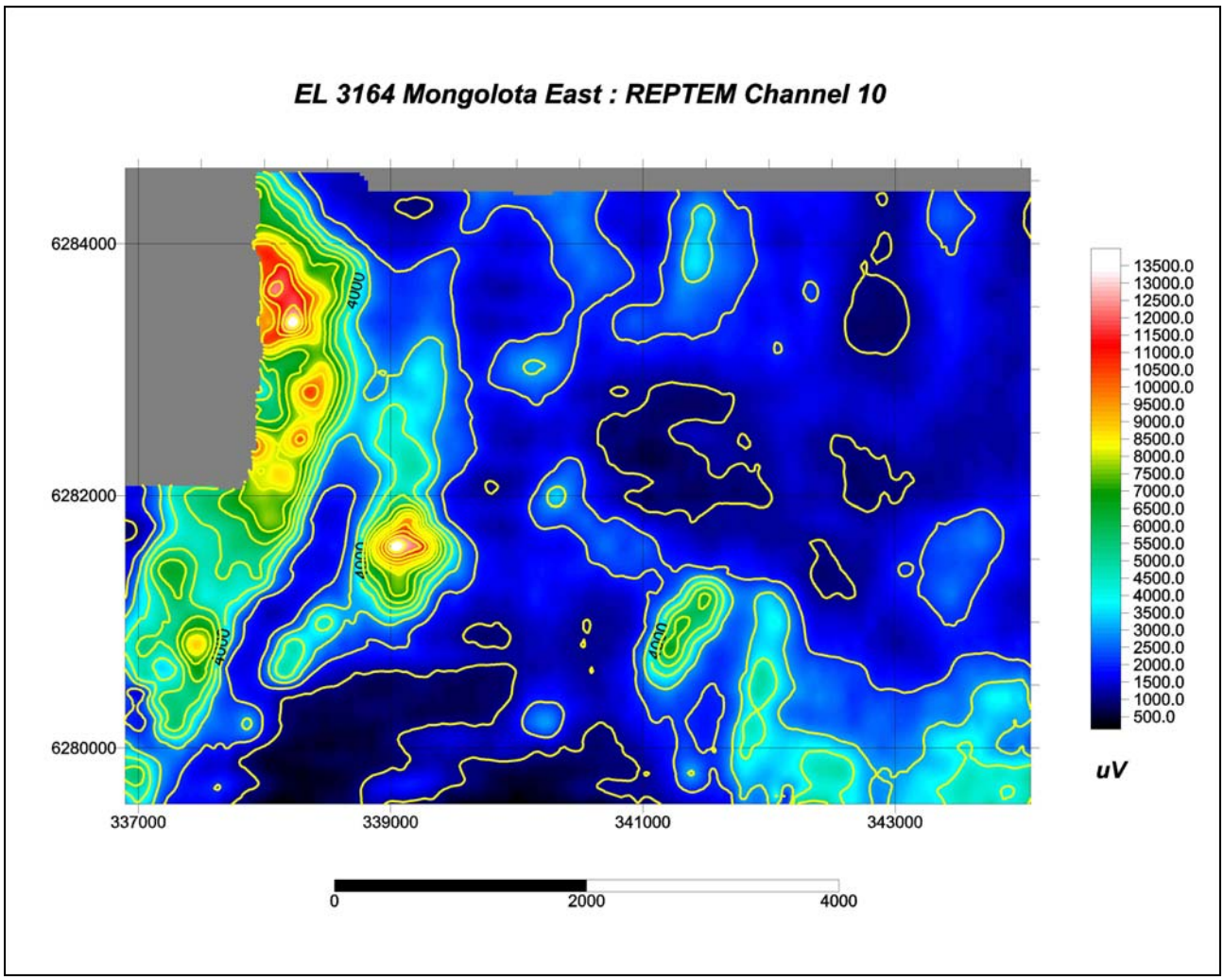


Figure 2a. EL 3164 Mongolota East: REPTEM Channel 10

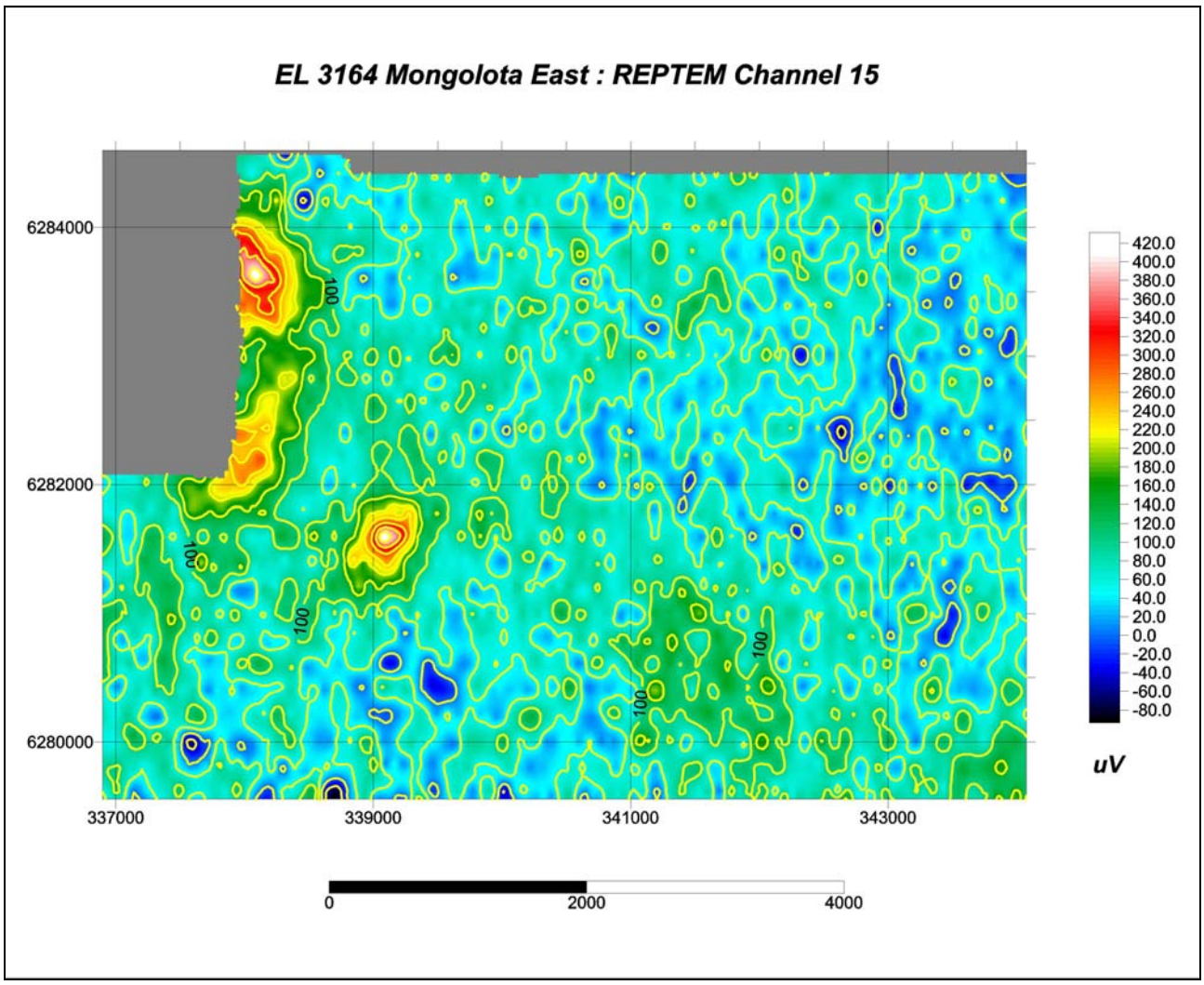


Figure 2b. EL 3164 Mongolota East: REPTEM Channel 15

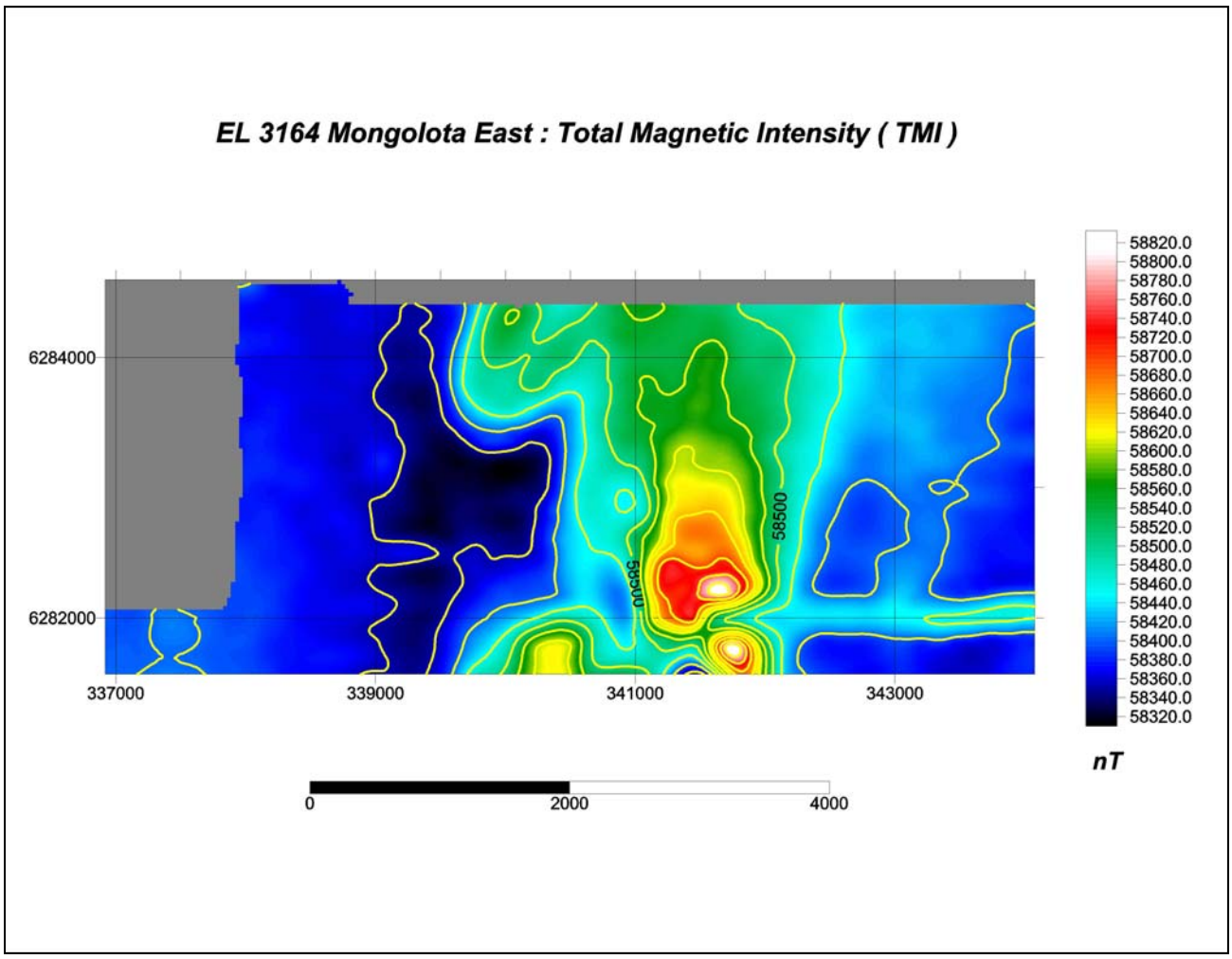


Figure 2c. EL 3164 Mongolota East: Total Magnetic Intensity (TMI)

3.1 Data Noise Levels

By analysing the spatial characteristics of the data over areas with relatively flat background response estimates of standard deviation of the noise levels (envelopes) were for various time channels were derived .They are shown in Table 3 and quoted in units of microvolts (uV) for a receiver gain of 10000 . These data noise estimate values were then used in all subsequent data analysis, such as inversion processes, time constant calculations and estimates of the system's depth of penetration.

Table 3: Estimates of systems noise levels

Channel	EM Data Noise SD (microvolts)
1	218095.7
2	72510.7
3	48047.0
4	20514.2

5	5176.9
6	4540.2
7	3613.1
8	2403.1
9	1688.7
10	756.2
11	323.6
12	142.3
13	69.0
14	43.0
15	31.6
16	27.9
17	25.2
18	22.7
19	20.1

3.2 REPTEM response over 3D conductive targets

To illustrate the characteristics of the REPTEM system a number of theoretical model responses were generated for a 300 by 200 meter sheet (thin plate) conductor with a moderate conductivity-thickness product of 50 siemens with variable depths to top and dips. The target was set in a typical environment for the Newikie Creek survey area, a 10 ohm-meter surface layer over a relatively resistive basement of 500 - 1000 ohm-meters the latter determined from the inversion of the survey data .

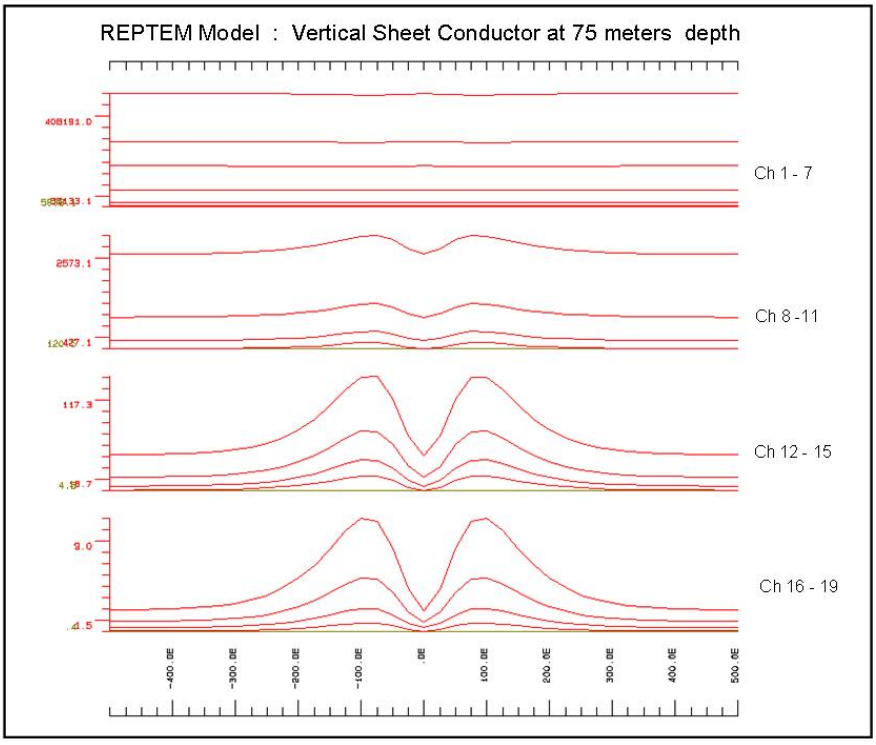


Figure 3. REPTEM Model: Vertical Sheet Conductor at 75 Meters depth

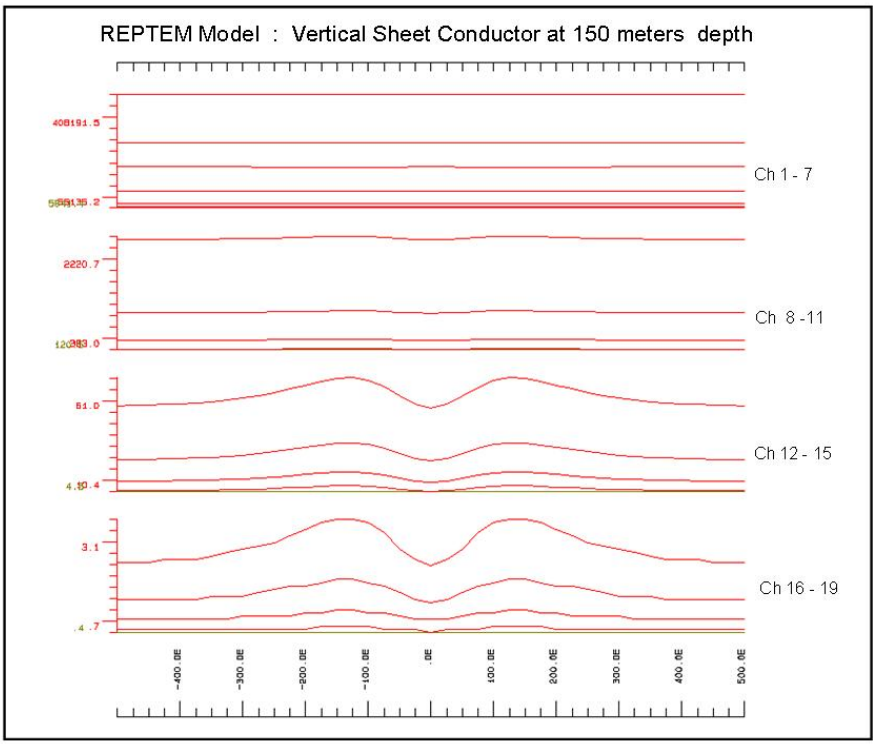


Figure 3a. REPTEM Model: Vertical Sheet Conductor at 150 meters depth

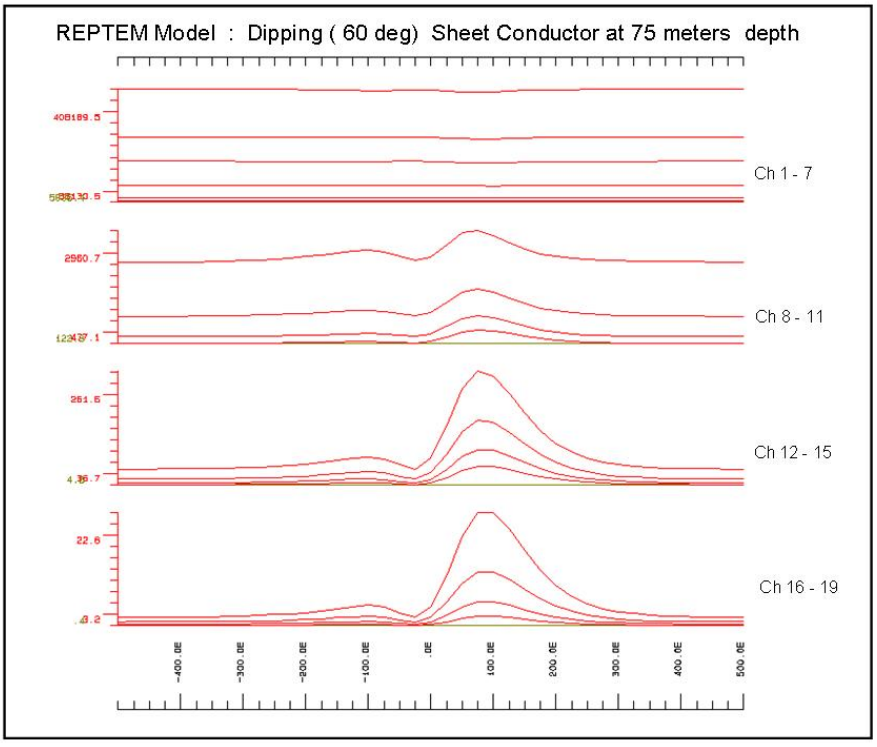


Figure 3b. REPTEM Model: Dipping (60deg) Sheet Conductor at 75 meters depth

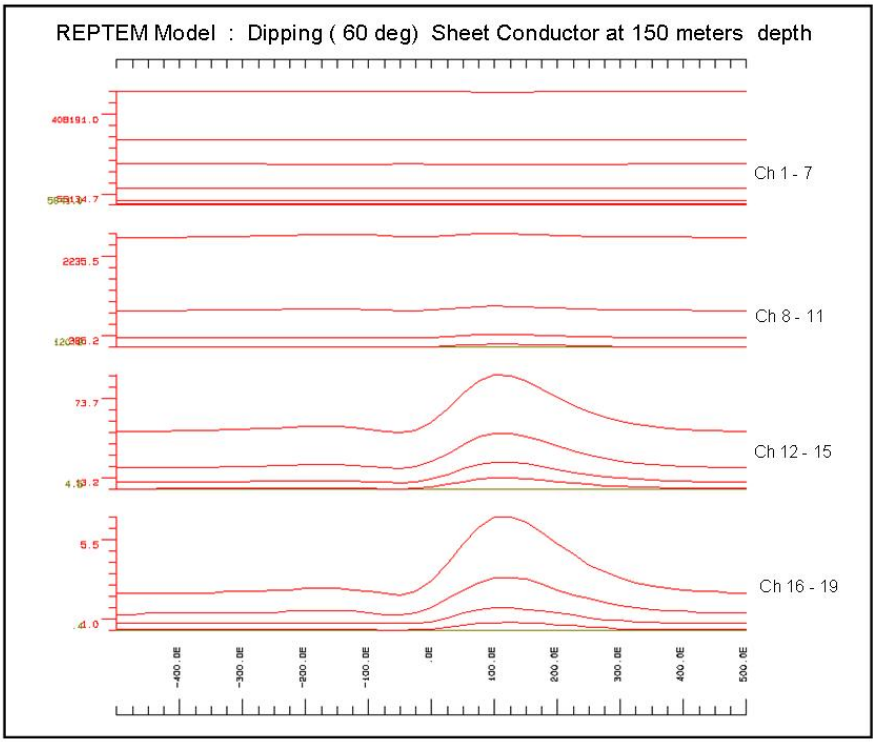


Figure 3c. REPTEM Model: Dipping (60 deg) Sheet Conductor at 150 meters depth

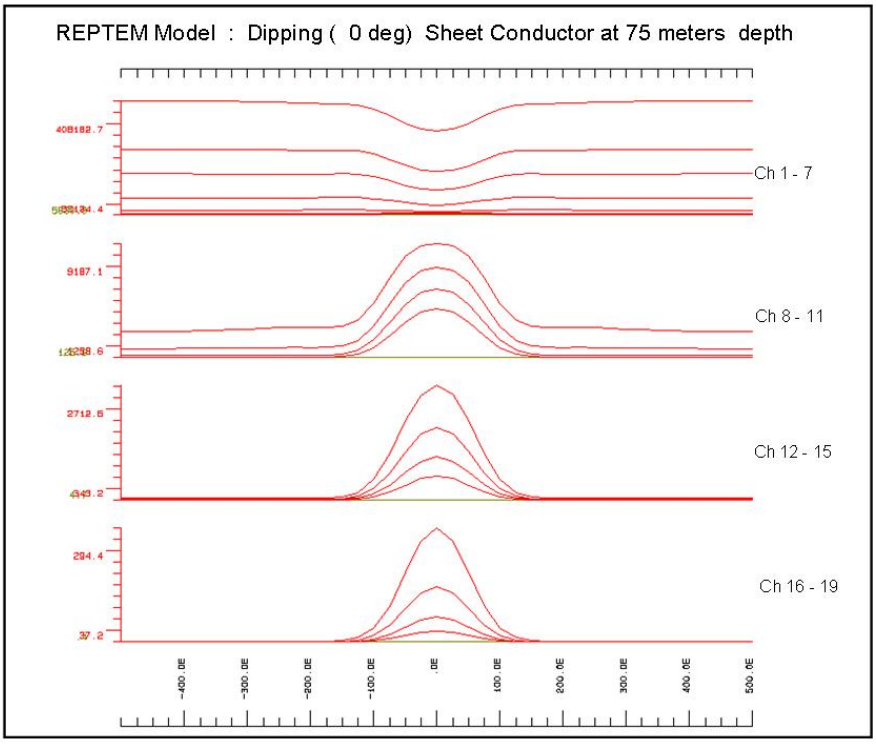


Figure 3d. REPTEM Model: Dipping (0 deg) Sheet Conductor at 75 meters depth

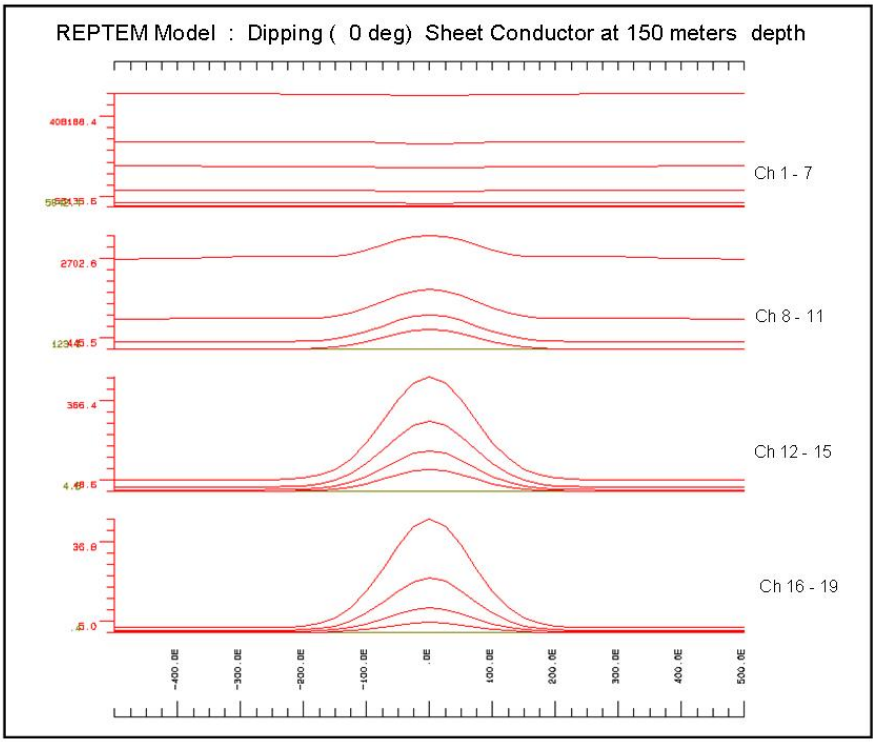


Figure 3e. REPTEM Model: Dipping (0 deg) Sheet Conductor at 150 meters depth

As is evident from the profiles in Figures 3 – 3e, the secondary EM fields over plate like targets are invariably characterised by a localised minimum over the top of the target at location 0 E (Figures 3 – 3c) . This is true for conductors with dips significantly greater than zero (flat) ,with relatively flat laying target (flat top) response peaking over the targets centre (Figures 3d and 3e) . The amplitude of the response and hence the targets detectability varies considerably with the target's dip and depth to top, the flat laying target generating a response of greatest amplitude . On the basis of the model data and the system noise estimates it is estimated that moderate size targets up to depths of 75 -125 meters could have been detected.

4. REPTEM DATA INTERPRETATION

4.1. Analysis of REPTEM data

The analysis of REPTEM data proceeded through decomposition of data into its anomalous components as described in Silic 2004 (Appendix I) time constant estimates for the responses within the survey area .No unusually conductive 3D features were identified within the survey area .

Gravity data collected prior to the REPTEM survey (Figure 4) shoes NW trending features (structures ?) and mimic the NNW directions noted in the magnetic data (Figure 2e) . One of the gravity lows in the northern part of the gravity survey area (Figure 4) is coincident with

the 3D conductive feature in the central – western part of the REPTEM survey area (Figure 4a and 2b). Inversion of REPTEM data over this conductive anomaly (Figure 5) shows a conductive section beneath the thin overlaying conductive cover (Figure 5a). This conductive section may represent an increase in weathering and / or saline water and / or clay rich weathered alteration system. The gravity low over this conductive target supports all of the three proposed geological models.

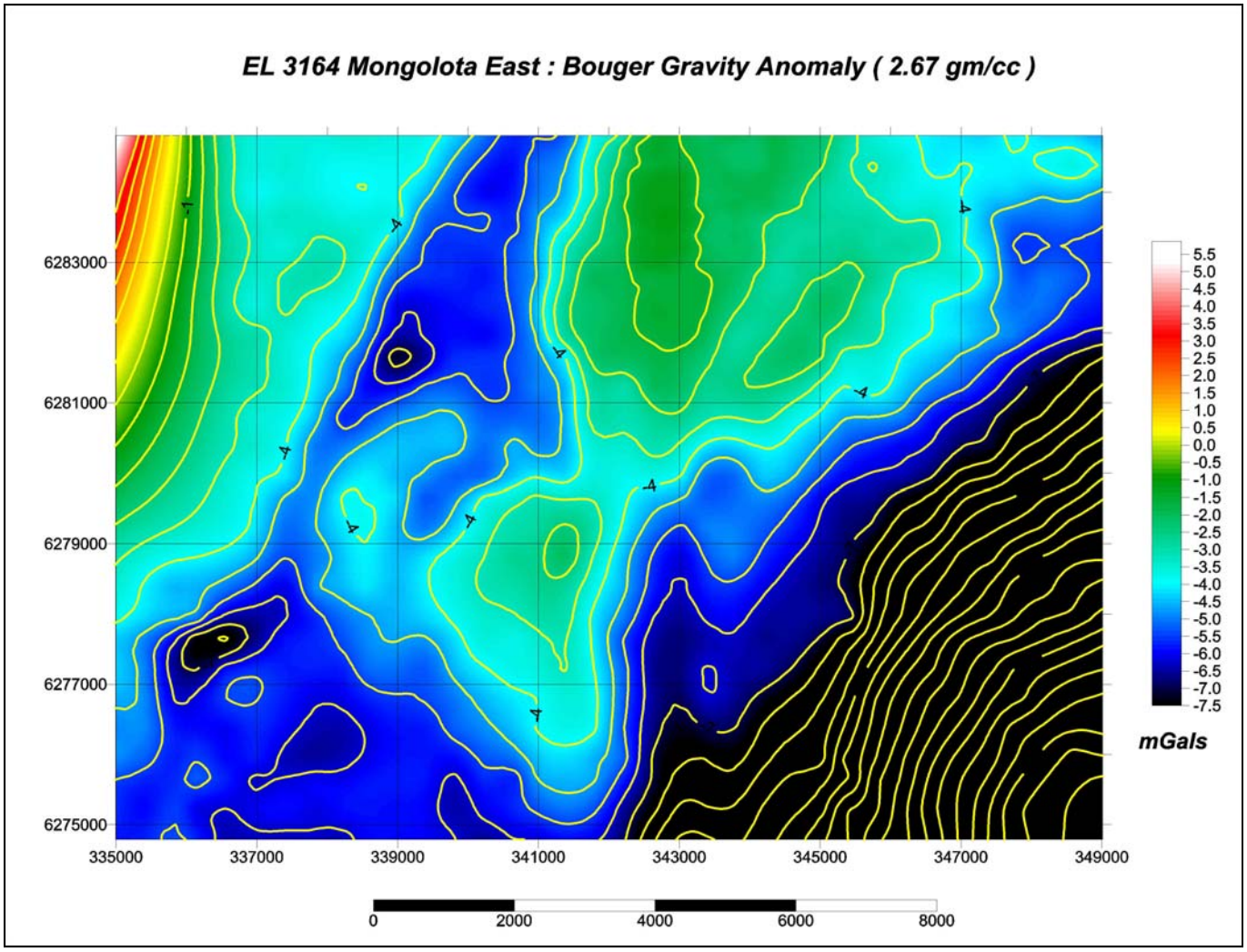


Figure 4. EL 3164 Mongolota East: Bouger Gravity Anomaly (2.67 gm/cc)

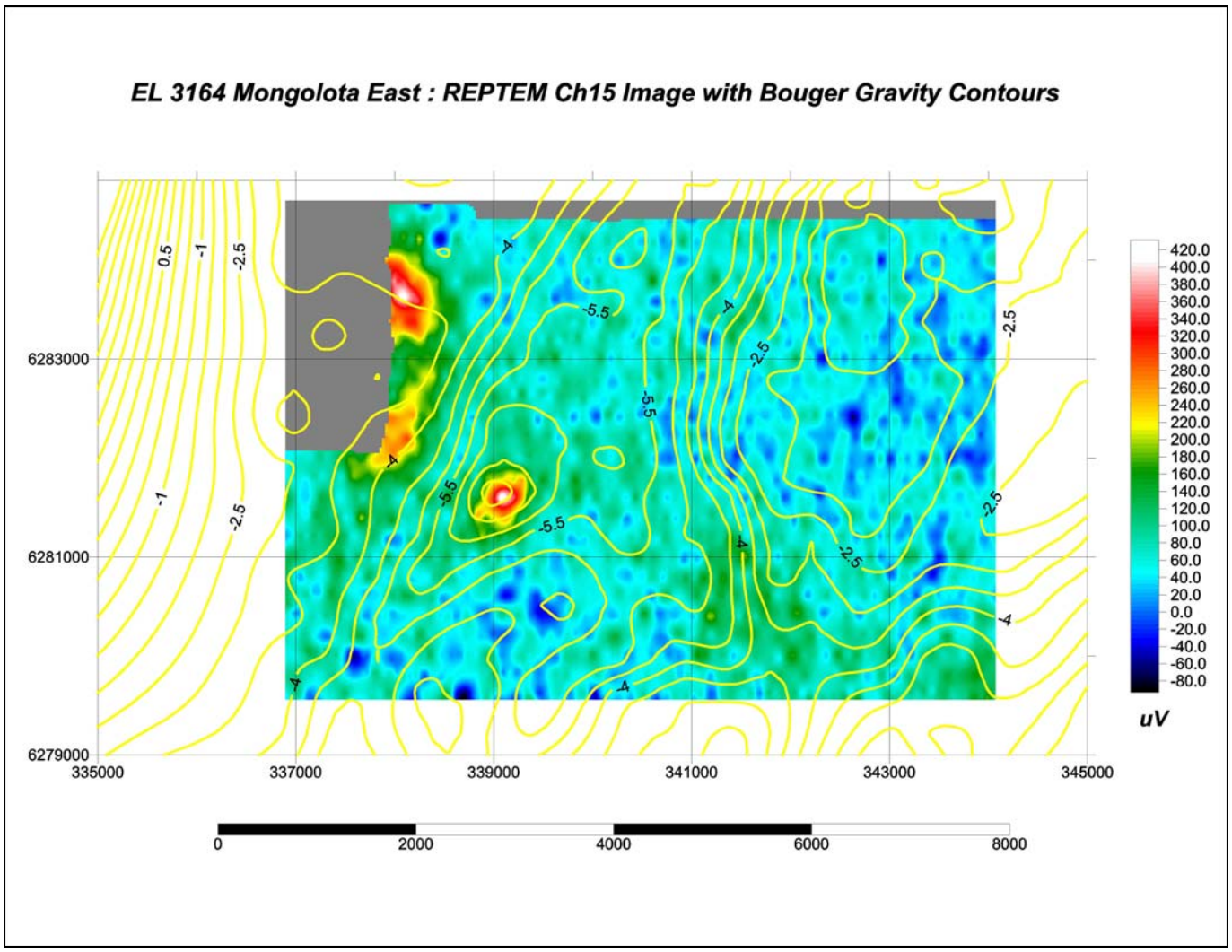


Figure 4a. EL 3164 Mongolota East: REPTEM Ch 15 Image with Bouger Gravity Countour

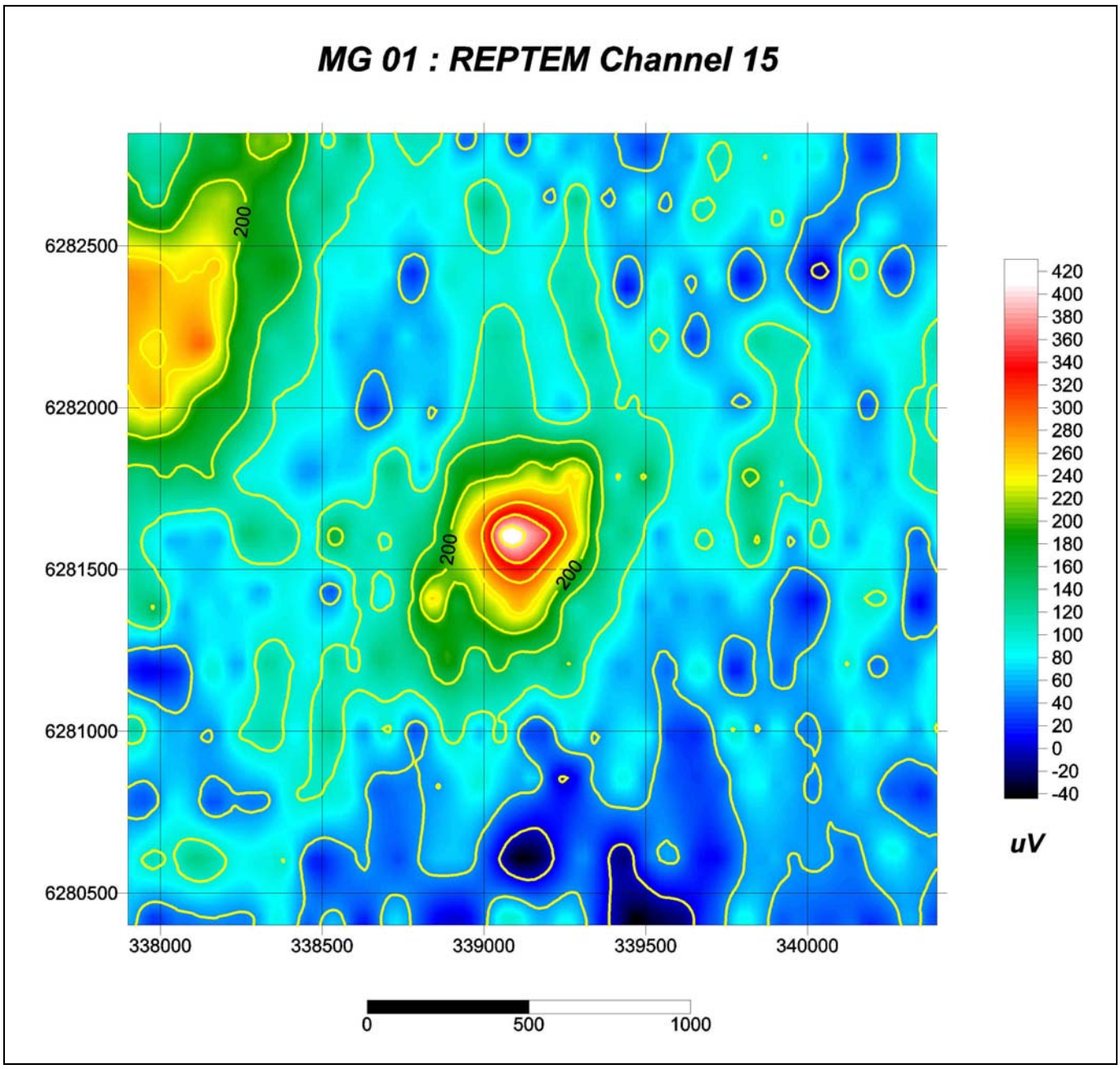


Figure 5. MG 01: REPTEM Channel 15

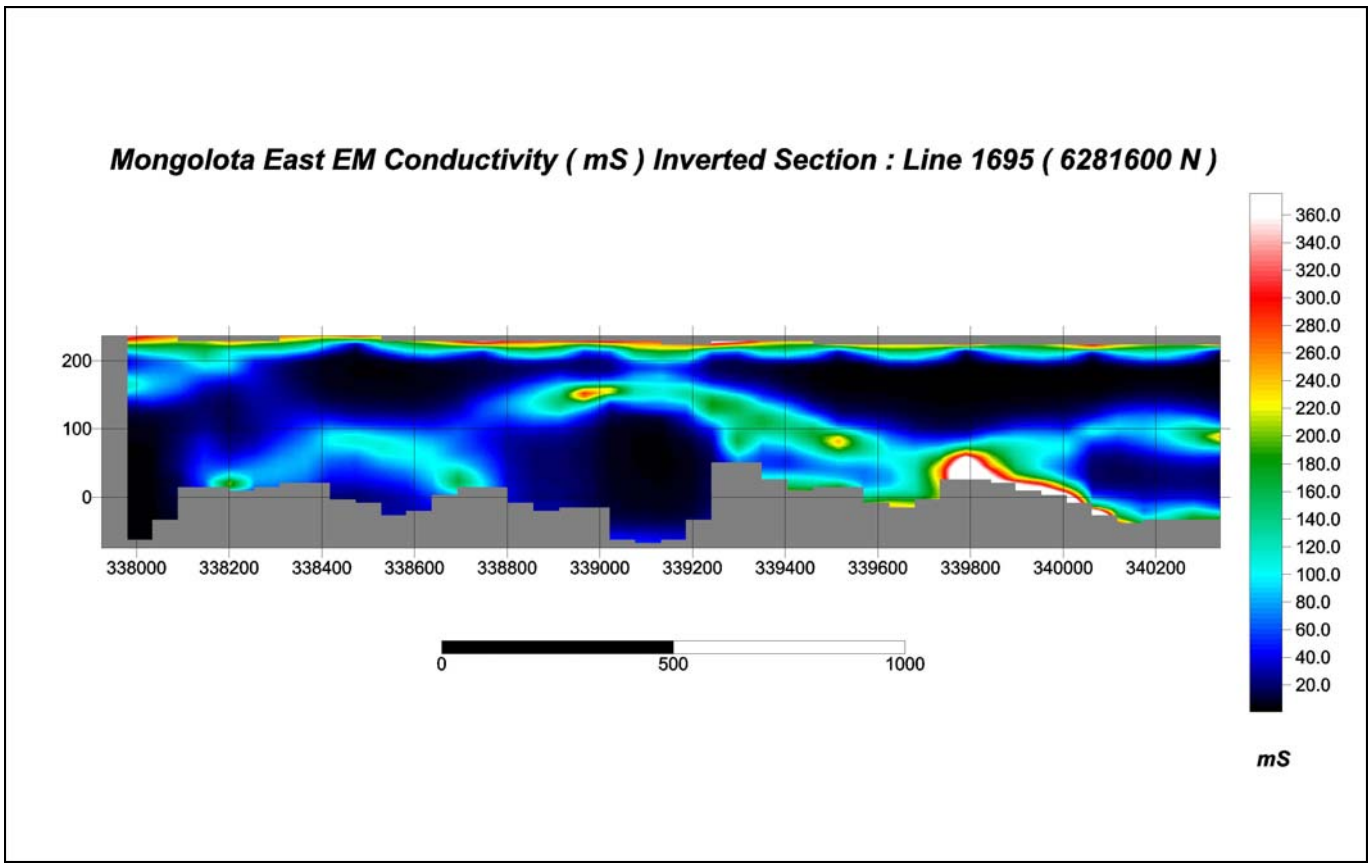


Figure 5a. Mongolota East EM Conductivity (mS) Inverted Section: Line 1695 (6281600 N)

CONCLUSION

REPTEM airborne TDEM survey has detected 3D circular conductivity feature coincident with a gravity low and which may represent increase in weathering and / or saline water and / or weathering associated with an alteration system.

REFERENCES:

Silic J. (2004) : Discoveries through innovation in application of airborne and ground TDEM methods in very conductive environment: Extended Abstracts, ASEG 17Th Geophysical Conference and Exhibition, Sydney Australia, 2004.

APPENDIX I

Discoveries through innovation in application of TDEM

By

Jovan Silic

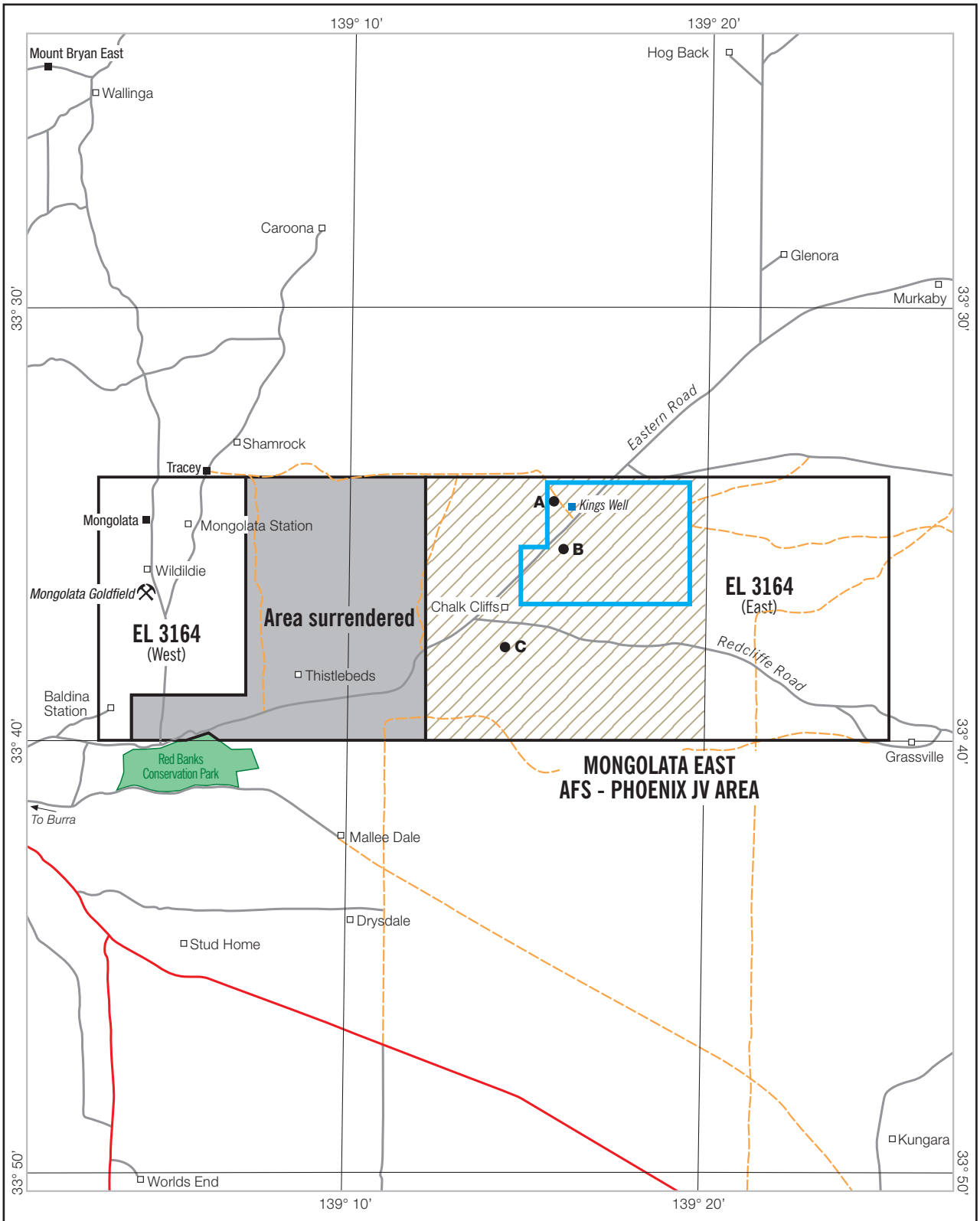
APPENDIX B

Auger Drilling – Weathered Bedrock Sampling Records

Mongolata East Areas A, B, C

H0002	Version		**3**			
H0003	Date_generated		**15-Apr-2008**			
H0004	Reporting_period_end_date		**12-Feb-2008**			
H0005	State	**SA**				
H0100	Tenement_no	**EL3164**				
H0101	Tenement_holder	**Phoenix Copper Limited**				
H0102	Project_name	Mongolata East				
H0106	Tenement_operator	Australian Field Services Limited				
H0150	250K_map_sheet_number	**SI54-05**				
H0151	100K_map_sheet_number		**6730**			
H0152	50K_map_sheet_number	6730-iv				
H0153	25K_map_sheet_number					
H0200	Start_date_of_data_acquisition		**1-Feb-2008**			
H0201	End_date_of_data_acquisition		**11-Feb-2008**			
H0202	Template_format	**SL1**				
H0203	Number_of_data_records		**37**			
H0204	Date_of_metadata_update		**15-Apr-2008**			
H0300	Related_data_filenames					
H0301	Location_data_file	EL3164_2008_A_06_Drillcollars				
H0302	Downhole_lithology_data_file	EL3164_2008_A_12_Lithologs.txt				
H0303	Downhole_geochem_data_file					
H0400	Drill_code	**aug**				
H0401	Drill_contractor	B.Jones				
H0402	Description			**Auger**		
H0500	Feature_located	**Hole_collar**				
H0501	Geodetic_datum	**GDA94**				
H0502	Vertical_datum	AHD Arbitrary RL500 Nominal				
H0503	Projection	**UTM MGA Zone 54**				
H0508	Local_grid_name	Areas A B C				
H0530	Coordinate_system	**Projected**				
H0531	Projection_zone		**54**			
H0532	Surveying_instrument	**GPS Averaged Position**				
H0533	Surveying_company	Australian Field Services Limited				
H1000	**Hole_ID**	**Xcoordinate**		**Ycoordinate**	**Max depth**	**Collar inclination**
H1001		**metres**		**metres**	**metres**	**degrees**
H1004			**10**	**10**	**0.1**	**1**
D	ME01	338400		6283600		-90
D	ME02	338300		6283600	23	-90
D	ME03	338100		6283600	28	-90
D	ME04	338000		6283600	28	-90
D	ME05	339100		6281600	26	-90
D	ME06	339000		6281600	23	-90
D	ME07	338900		6281600	23	-90
D	ME08	338800		6281600	18	-90
D	ME09	338700		6281600	20	-90
D	ME10	339050		6281650	23	-90
D	ME11	339050		6281700	18	-90
D	ME12	339050		6281800	22	-90
D	ME13	339050		6281600	22	-90
D	ME14	339050		6281550	20	-90
D	ME15	336500		6276800	5	-90
D	ME16	336500		6276900	3	-90
D	ME17	336500		6277000	4	-90
D	ME18	336500		6277100	4	-90
D	ME19	336500		6277200	4	-90
D	ME20	336500		6277300	4	-90

D	ME21	336500	6277400	4	-90
D	ME22	336500	6277500	9	-90
D	ME23	336500	6277600	26	-90
D	ME24	336500	6277700	9	-90
D	ME25	336500	6277800	18	-90
D	ME26	336500	6277900	9	-90
D	ME27	336200	6277900	4	-90
D	ME28	336200	6277800	9	-90
D	ME29	336200	6277700	27	-90
D	ME30	336200	6277750	6	-90
D	ME31	336200	6277650	23	-90
D	ME32	336200	6277600	9	-90
D	ME33	336200	6277500	9	-90
D	ME34	336200	6277400	9	-90
D	ME35	336200	6277300	9	-90
D	ME36	336500	6277550	4	-90
D	ME37	336500	6277650	6	-90
	EOF				



Legend

- Chalk Cliffs - Kings Well Prospecting Map
- Area of REPTEM survey
- C Location of auger drilling
- Major road
- Road
- Track

SOUTH AUSTRALIA

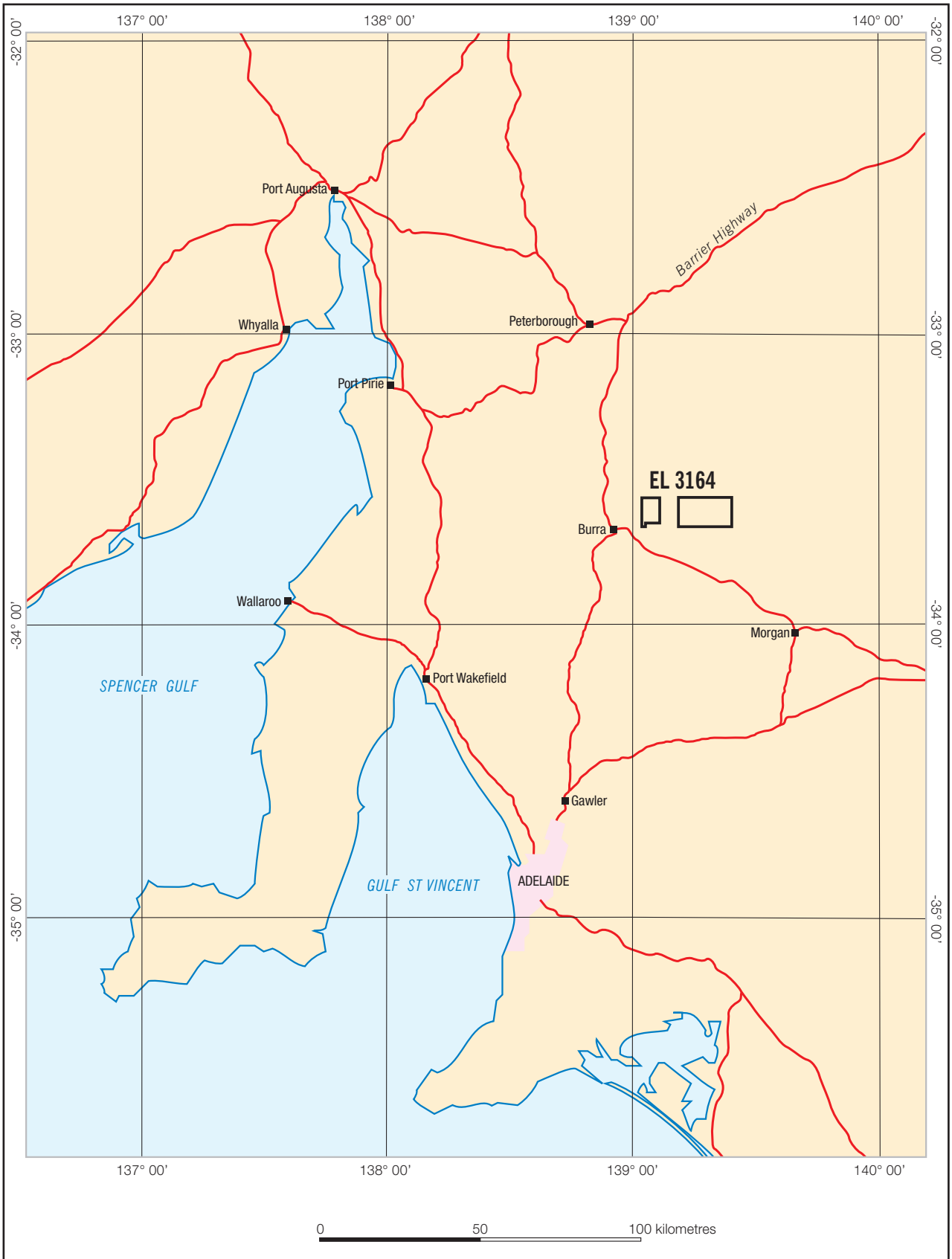
Mongolata East (part - EL 3164)

Exploration Index Map

April 2008

Figure 1

File No Mongo 01



SOUTH AUSTRALIA

EL 3164

Locality Map

April 2008

Figure 2

File No Mongo 02

335,000m E
340,000m E
345,000m E
6,285,000m N
6,280,000m N
6,275,000m N
139° 12' E
33° 34' S
33° 40' S

AREA "A"
AREA "B"
AREA "C"
MG 01
INFERRED MAJOR FAULT ZONE
EASTERN ROAD
REDCLIFFE ROAD
Chalk Cliffs (ruin)
Kings Well
K1 altered carbonate
K2 carbonate
K3 diorite
FLO-RC1 marble
FLO-RC2 quartzite/dolorite
K4 altered carbonate
K5 quartzite
K6 black slate
Zone with hydrothermal alteration
REPTEM SURVEY

GN (GDA94)
TN
MN
8°

LEGEND

1 Outcrop stratigraphy (pre-Quaternary) after Preiss (2002, 2006)

- Tertiary silcrete
- Cambro–Ordovician granite

Neoproterozoic (Adelaidean)

- Grampus Quartzite
- Ketchowla Siltstone
- Pepuarta Tillite
- Cox Sandstone Member
- Tarcowie Siltstone
- Tapley Hill Formation
- Appila Tillite
- Vein quartz
- Bedding
- Homestead
- Road
- Minor road
- Track

2 Open file data

Dampier Mining (1978)

- Rotary drillhole (bottom-hole rock-type)
- IP traverse with IP anomaly

Marathon Resources (2006)

- Elevated Au-in-calcrete (ppb)
- Elevated Cu-in-calcrete (ppb)
- Residual gravity low

3 Current AFS programme

- REPTEM conductivity high
- Auger drillhole line

Area of this map

EL 3164 (East)

0 500 1000 2000 metres

Scale 1 : 25,000
Datum GDA 94

AUSTRALIAN FIELD SERVICES PTY LTD

SOUTH AUSTRALIA

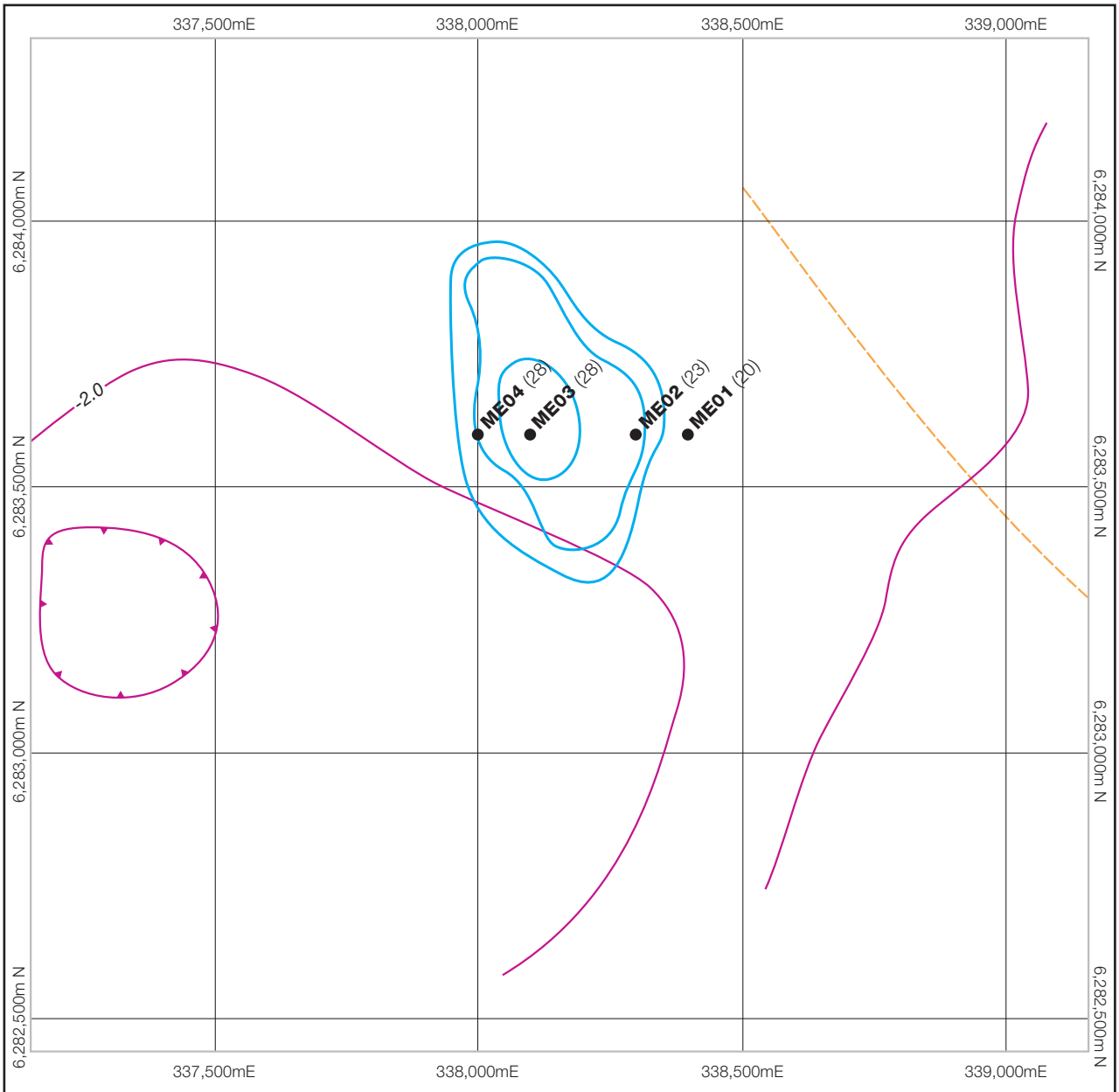
EL 3164 MONGOLATA EAST

CHALK CLIFFS – KINGS WELL PROSPECTING MAP

Author: Ian Freytag - April 2008

Figure 3

File No : Mongo 02



Scale 1 : 12,500
Grid datum GDA 94

Legend

- Station track access
- Bouger gravity contour (mgls) (Marathon Resources, 2006)
- REPTEM conductivity high (AFS 2007)
- ● C Auger drill hole (2008) showing total depth in metres

SOUTH AUSTRALIA

EL 3164

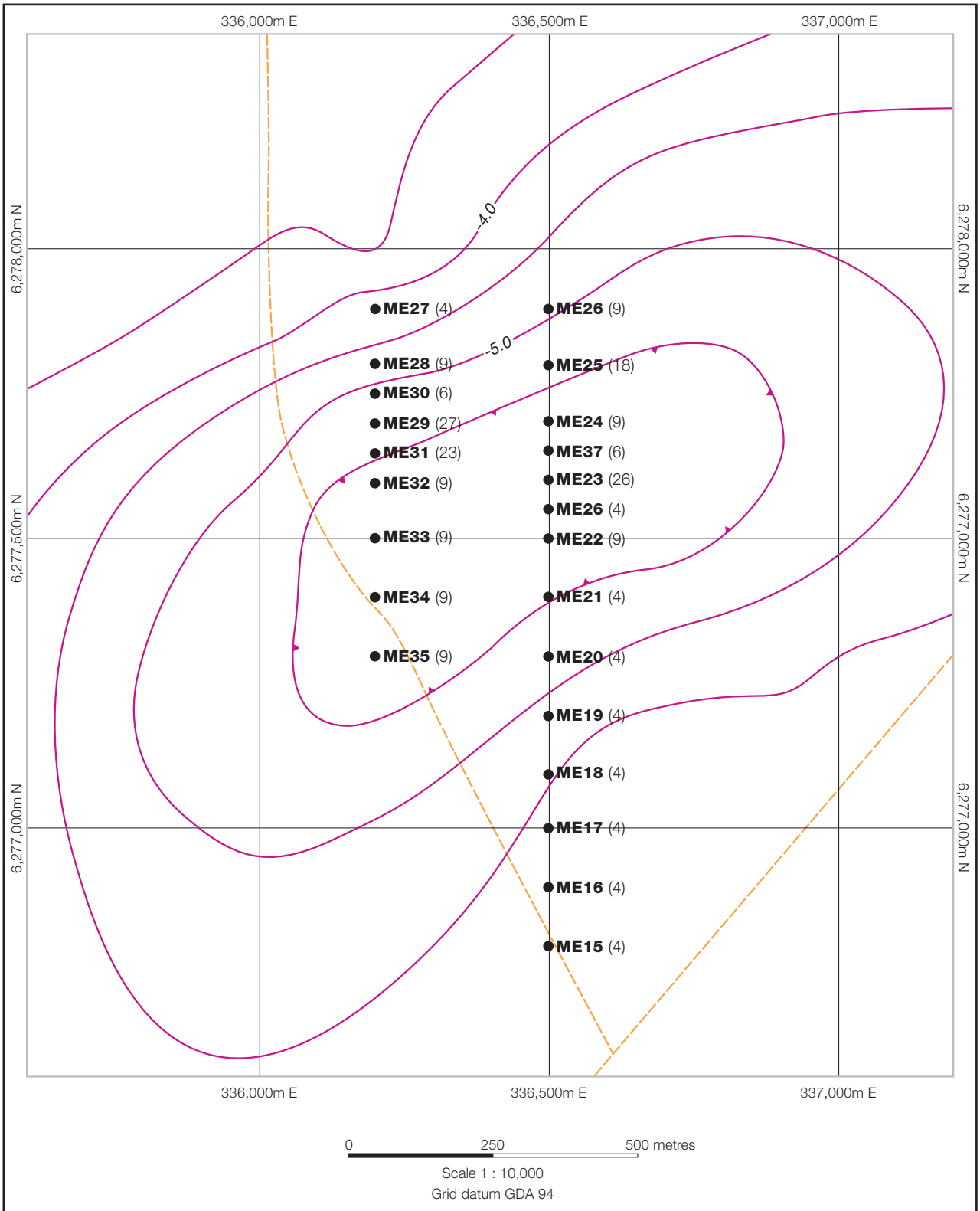
Area A (Quinns)

Weathered bedrock/calcrete auger sampling

April 2008

Figure 4

File No Mongo 02



Scale 1 : 10,000

Grid datum GDA 94

Legend

- Station track access
- Bouger gravity contour (mgls) (Marathon Resources, 2006)
- **ME15** (4) Auger drill hole (2008) showing total depth in metres

SOUTH AUSTRALIA

EL 3164

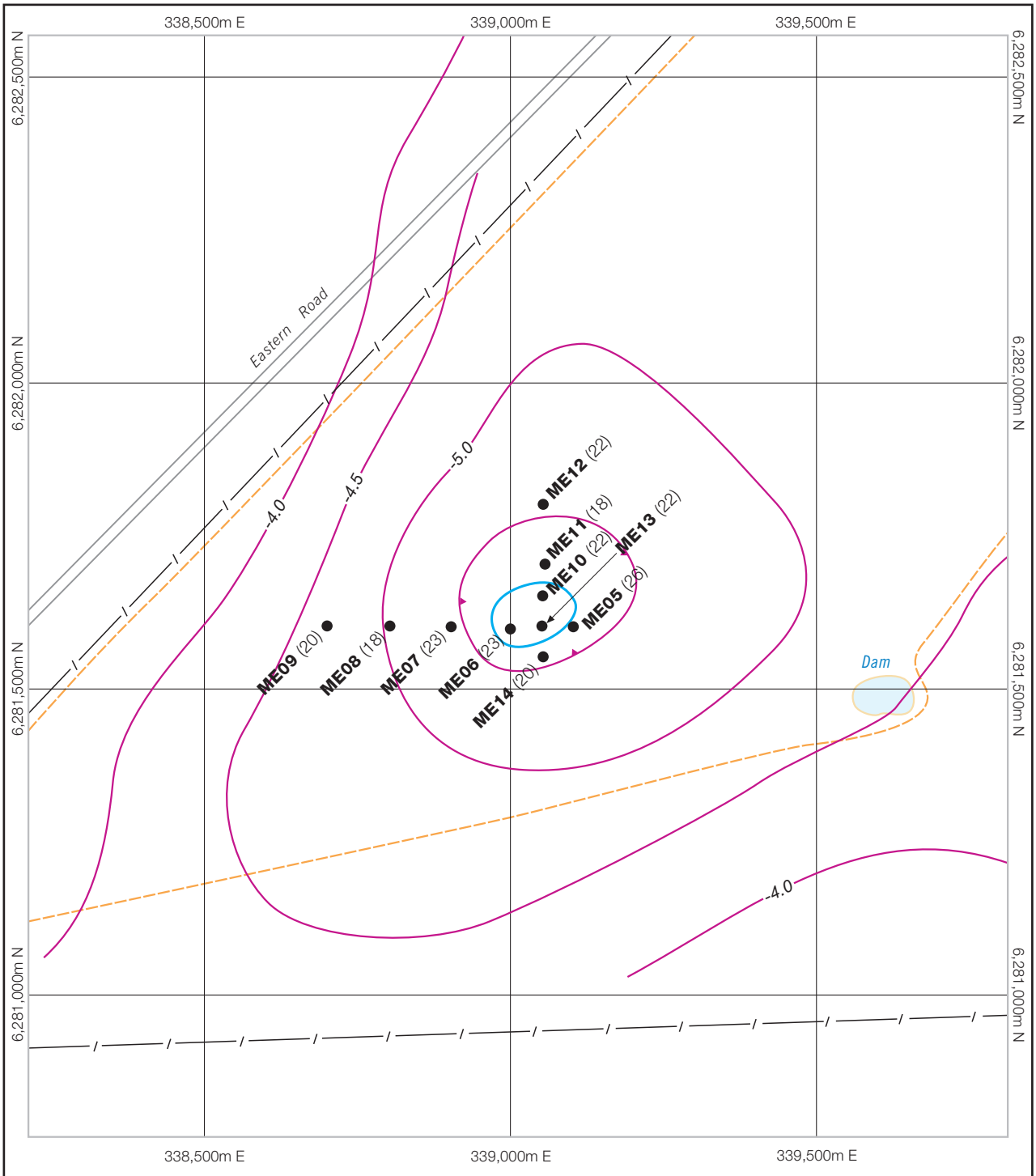
Area C (Chalk Cliffs)

Weathered bedrock/calcrete auger sampling

April 2008

Figure 6

File No Mongo 02



Scale 1 : 10,000
Grid datum GDA 94

Legend

- Station track access
- Boundary fence
- Bouger gravity contour (mgls) (Marathon Resources, 2006)
- REPTEM conductivity high (AFS 2007)
- **ME12** (4) Auger drill hole (2008) showing total depth in metres

SOUTH AUSTRALIA

EL 3164

Area B (Koomooloo)

Weathered bedrock/calcrete auger sampling

April 2008

Figure 5

File No Mongo 02

(PART-) EXPLORATION LICENCE 3164

("Mongolata East", South Australia)

ANNUAL TECHNICAL REPORT

For the period ending 12 February 2009

Author: I.B. Freytag
Adelaide, SA

Date: April 2009

1:250,000 BURRA SI54-5

1:100,000 FLORIETON 6730

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11. APPENDICES

Appendix A – ("Burra") DDIP Survey, Logistics Summary

Appendix B – Auger Bedrock Geochemistry including Bottom Hole Lithologies

Appendix C – Calcrete Geochemistry

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Figure 1 Exploration Index Map, Mongolata East (part-EL3164)

Figure 2 EL3164 Locality Map

Figure 3 EL3164 Chalk Cliffs – King Well Prospecting Map

Figure 4 Area A (Quinn's). Weathered bedrock/calcrete auger sampling

Figure 5 Area B (Koomooloo). Weathered bedrock/calcrete auger sampling

Figure 6 Area C (Chalk Cliffs). Weathered bedrock/calcrete auger sampling

1. SUMMARY OF ACTIVITIES

Exploration activity in the Mongolata East Block during this report period (Figure 1) has included:

- induced polarisation surveys carried out by Zonge Engineering in three areas of interest. Four DDIP traverses covered a total 5.85 line kilometres with 424 data points.

- a semi-regional calcrete geochemical survey covering approximately 25 square kilometres. Total 692 (658 surface plus 34 auger) samples were analysed for low level Au, Ag, As, Bi, Cu, (Sb).
  (N.B. the total of 732 samples was mis-reported in the August 2008 Summary Report).

- descriptions of bedrock lithologies, and geochemical analyses (low level Au, Ag, As, Bi, Cu, (Sb) for 37 auger holes drilled early in 2008. These were delayed in the 2008 report (Freytag, 2008) and have now been finalised.

Keywords: Burra 1:250,000 SI 5405; Mongolata 1:50,000 6730-iv; Newikie 1:50,000 6730 – i; granite-related Au-Cu (Mo) mineralisation; Delamerian granitoids; King Well; Chalk Cliffs; auger bedrock sampling; calcrete geochemistry; gold anomalies; induced polarisation surveys.

2. INTRODUCTION, HISTORY, EXPLORATION RATIONALE

2.1 Tenure

EL3164 was granted on 13 February 2004 to Bonanza Gold Pty Ltd which company was subsequently acquired by Marathon Resources Limited. Marathon later relinquished the central part of the licence leaving a western area over the Mongolata mine, and the Eastern Block, the subject of this report (Figure 1). Phoenix Copper Limited is now the licensee of EL3164. Title was due to expire after five years on 12 February 2009.

The property is located 150 km NNE of Adelaide and around 20 km ENE of Burra (Figure 2). The Eastern Block covers an area of 225 square kilometres.

2.2 Topography, Access and Land Use

Topography in Mongolata East is subdued on a widespread alluvium-calcrete surface, except in the southwest corner where outcropping Neoproterozoic sediments form an area of rolling hills (Figure 3).

Land use is devoted entirely to low-density sheep grazing. Vegetation is predominantly bluebush and saltbush. Some mallee clumps occur in the hilly Chalk Cliffs area.

General access to this licence area exists via the regional Eastern Road, off the Burra to Morgan sealed road, and the Redcliffe secondary road (Figure 1). Well-placed station tracks have been convenient access to field work sites, and vehicle movement has been straightforward.

2.3 Exploration History

Recent licensee Marathon Resources developed an exploration program in EL3164 for large porphyry-style copper-gold deposits.

An initial review of aeromagnetic and gravity data, and some geochemical orientation studies, led to an extensive grid sampling for calcrete and soil (MMI) geochemistry, and gravity detailing (Marathon, 2006).

On the basis of these results, three deep RC percussion holes were drilled on Koomooloo Station, but they provided insufficient encouragement to continue at that location.

Prior to Marathon's tenure, earlier exploration results reported from and around the old King Well are of interest to the current project. During an investigation of coal potential and metalliferous possibilities in basement rocks in the western Murray Basin in EL373, Dampier Mining (1978) suspected unusual altered carbonate-rich rocks on the dump of King Well might be carbonatite. A grid-based ground magnetometer survey followed, and IP traverses produced a number of anomalies as shown in Figure 3. Three rotary holes were drilled close to King Well and three on IP targets. Although carbonatite was not confirmed, this drilling demonstrated the presence of hydrothermally altered calcareous sediments and breccias with talc, chlorite, phlogopite, hematite, pyrite and magnetite, and weak copper mineralisation.

Western Mining sampled dump material at King Well in 1985, which returned strong gold assays of 28 and 49 g/t Au in quartz-veined sulphidic phyllite (Paterson, 1986). Three holes drilled by WMC found weak copper and gold mineralisation, similar to that of Dampier.

2.4 Exploration Objectives and Rationale

The current program seeks to locate and evaluate targets for the discovery of economic granite-related Cu-Au-(Mo), or Au-only mineralisation.

Based on present knowledge of Delamerian granitoids along the eastern margin of the Mount Lofty Ranges, and particularly in the Nackara Arc, the following indicators are considered to be important in early exploration for such deposits –

- Mineralisation may be in proximity to, sometimes within the granitoid body.
- There will be a dominant structural (fault) control with the mineralising process.
- High level intrusive dykes of likely intermediate composition may be associated genetically with the mineralisation, probably within an envelope of hydrothermal alteration.
- Quartz veining or infusion will be present.
- Carbonate host rock may be brecciated, or possibly skarn altered.

The exploration approach so far has been based on the premise that intrusive granitoid, and moreso, related hydrothermal alteration and mineralisation, may produce a negative gravity

response. Two previously reported gravity lows were therefore selected for follow-up work. At the same time, flying of the King Well area with the REPTEM airborne EM system sought good general coverage which might identify direct indications of mineralisation and/or alteration.

3. GEOLOGY

3.1 Regional Setting

The Mongolata East licence area is located at the eastern topographic margin of the Flinders-Mount Lofty (Delamerian) Fold Belt which in this region, forms the northern Mount Lofty Ranges.

These are composed of Neoproterozoic sediments of the Adelaide Geosyncline, details of which can be found in Preiss (1987).

A line of syn- and post-tectonic Ordovician granitoids extends along the eastern margin of the fold belt. Tertiary sediments of the Murray Basin lap over its basement from the east, and these are covered by extensive Quaternary sands and clays capped by a calcrete surface.

3.2 Licence Geology

Availability of the Mongolata and Newikie 1:50,000 PIRSA geology maps (Preiss 2003; 2006) provides geological information which, for the current licence objectives, need not be further detailed.

Figure 3 shows the Neoproterozoic outcrops, which are confined to the south-west corner of the licence in the Chalk Cliffs area. Most of these are fine clastics and carbonates of the Tapley Hill Formation, which have been bleached white and intruded by numerous lenses and veins of white quartz.

Units above the Tapley Hill Formation crop out about one kilometre east of the Chalk Cliffs ruin, including the Cox Sandstone Member, while further east, a patch of Appila Tillite has been intruded by an Ordovician leucogranite. The Cox Sandstone is on record as a favourable host to a number of gold deposits in the Nackara Arc (Morris and Horn, 1990) and the tillite has been shown to be gold anomalous in places, and regarded as a possible source for the remobilisation of gold in this region.

Several small Tertiary silcrete remnants also occur in the Chalk Cliffs area.

Breaks in the regional gravity and aeromagnetic data allow for the interpretation of a major fault zone passing north-northeast through the Chalk Cliffs ruin. This may be a fundamental structure of some significance to the granite-related mineralisation concept for this project.

4. GEOPHYSICS

4.1 DDIP Survey

Zonge Engineering was contracted to undertake reconnaissance DDIP lines over three target features in EL3164. This work was done in February 2008. The contractor's Logistics Summary forms Appendix A of this report.

The original data from this work was lodged with PIRSA in August 2008. It was contained in an earlier Zonge report which also included similar IP done in the adjoining EL3581 to the north. The data for EL3164 is filed at PIRSA with EL3581 records.

One line of IP was done across each of the REPTEM anomalies at areas A and B, and two lines of IP were run across the Area C gravity low (Figure 3). In total, 5.85 line kilometres were read for 424 data points. This data has not yet been professionally interpreted or evaluated.

5. GEOCHEMISTRY

5.1 Calcrete Geochemistry

The calcrete sampling program in EL3164 has followed further consideration of this medium as a useful reconnaissance for indications of concealed mineralisation, though Marathon Resources (2006) had covered some of the area with soil (MMI) and calcrete geochemistry previously. Their work reported Au anomalies to the north and south-east of King Well (Fig.3).

In the current program, a strip of country was chosen from the King Well area, southward over the Area B REPTEM/gravity anomaly; outcropping granite; the Area C gravity low with evidence of hydrothermal activity; and Tapley Hill slates at the south where an old shaft had been found. Sample traverses were spaced at 400 metres with sample points 100 metres apart, positioned by hand-held GPS. A small block of ground around the shaft was covered with 100 metre-spaced lines.

In all, 692 samples were taken, 34 of them (189129 -189164) at auger drill collars, and the remainder on surface with mattock and crow-bar. Sample material varied from massive to nodular calcrete, and limey soils, checked for carbonate content with dilute acid. Each sample was sieved on site and approximately 1 kg of the +6mm fraction bagged for analysis.

Sample preparation and analyses (low level Au, Ag, As, Bi, Cu, Sb) were done by Genalysis Laboratories in Perth. Details and analyses are tabulated in Appendix C.

Analytical levels for Ag, Bi,and Sb were almost all below detection, or of no significance. Groups of arsenic values occur in the range 10 - 20 ppm As, just above their lower detection limit. There is one isolated anomaly of 115 ppm As located 1.5 km east of Area C.

In determining values of interest in the gold results, there is no useful orientation in this area. Notwithstanding variations in landform and regolith, 2 - 4 ppb Au appears to be a fair

background range for these data and values of 7 ppb Au and above would be of interest for further consideration. Figure 3 shows that the majority of these are clustered around the old shaft (max. 26 ppb Au), underlain by sub-cropping Tapley Hill slates, and soil-covered ground to the east.

A group of seven Au values north-east of Area C, in the range 7 - 10 ppb Au, occurs close to outcrops also mapped as Tapley Hill Formation. Beyond here to the north, there are no elevated gold values in the calcrete data, taken from alluvium-covered flats right up to the northern boundary of the licence. No gold anomalies were recorded at the King Well location and the Marathon anomalies could not be replicated.

Copper analyses provided few values which might be seen as anomalous, or evidence of correlation with gold.

6. AUGER DRILLING

An auger drilling programme to investigate bedrock geology and geochemistry at three locations, areas A (Quinn's), B (Koomooloo) and C (Chalk Cliffs) was carried out in February 2008. Drilling was described in the 2008 Annual Report (Freytag, 2008). Lithologies and geochemical analyses which were not available at that stage, are included in this report (Appendix B). Petrological work intended at that time, has not yet been carried out.

Geochemical analyses on grab samples of 1-2 kg of cuttings were done for Au, Ag, As, Bi, Cu, Sb (Appendix B).

- Area A – Quinn's (Figures 3, 4). Holes ME01-ME04

Drilling was difficult and sampling restricted. Three of the holes encountered hard dark hematitic ?shale. The only elevated metal value was 51 ppm As in hole ME04, positioned at the western edge of the REPTEM anomaly.

- Area B – Koomooloo (Figures 3, 5). Holes ME05-ME14

Drill coverage here was aimed at a small, discrete channel 15 REPTEM anomaly, at the centre of a gravity low. Of the 10 holes attempted, 4 did not produce reliable samples because of overburden caving and contamination.

Bedrock is composed mostly of weathered shales and siltstones, most Fe-stained, and some with very fine mica. Values of 60 ppm (ME08) and 45 ppm (ME14) Cu might be considered anomalous.

- Area C – Chalk Cliffs (Figures 3, 6). Holes ME15-ME37

Auger drilling in this area was designed to sample bedrock coincident with a well-defined gravity low. The anomaly is in a hilly area with some out-cropping Neoproterozoic sediments, often bleached white. Sampling here was effective, much of it at shallower depth.

Most of the holes revealed slightly to moderately weathered shales and siltstone, in part sericitic and variably Fe-stained. A buff dolomite with chlorite flecks and quartz lenticles was found in ME28.

Anomalous gold was recorded in samples from ME29 (60 and 23 ppb Au), and anomalous copper in ME23 (120 and 110 ppm Cu). This evidence of some mineralisation is clearly tied to altered talcose sediments (probably dolomitic) containing hard nodular lumps of silicified saccharoidal crystalline quartz, with drusy clear quartz euhedra. These rocks are indicative of localized hydrothermal activity, as yet, of unknown significance.

7. ENVIRONMENT

Fieldwork and vehicular movements during this report year were conducted with care, and without unreasonable ground disturbance or vegetation damage.

The geophysical induced polarisation surveys utilised existing station access tracks, and mainly secondary tracks remaining from auger drilling in the previous year (Freytag, 2008). Pits were restored to ground surface.

Calcrete sampling was done on foot and by 4WD vehicle along existing tracks, or cross country in saltbush, guided by hand-held GPS.

All land-owners were informed of this work prior to commencement, and were consulted after its completion. No complaints were forthcoming prior to, or after, the field programme.

8. EXPENDITURE STATEMENT – MONGOLATA EAST BLOCK

Exploration expenditures for the 12-months period ending 12 February 2009 were:

Field-base accommodation	$1,000.00
Travel	117.60
Fuel	455.00
4WD vehicle	1,575.00
Field supplies	743.00
Field equipment	490.35
Map printing, drafting	1,161.40
Geophysics – IP survey	27,715.50
Consultant geophysicist	2,596.00
Laboratory analyses	15,869.38
Geological services	6,052.00
Field contractor calcrete sampling	8,415.00
Project management	2,400.00
Aggregate Expenditure	$68,590.23
Administration (12%)	8,230.82
TOTAL EXPENDITURE	$76,821.00

This expenditure forms part of the year's total expenditure on EL3164, to be determined and reported by the licence holder, Phoenix Copper Limited.

9. CONCLUSIONS

The returns on the calcrete geochemistry exercise this year have been rather limited and, as a result, the use of calcrete separated from bedrock by up to 20 metres of alluvium and sediment must be open to question. This may be better resolved when sampling can be applied over known significant mineralisation. However, the positive gold results in the southern part of the area, surrounding an old prospecting shaft, have identified prospective ground which needs to be followed up. More detailed and expanded calcrete sampling in this area is warranted initially, as it would appear to be a guide to gold anomalism in bedrock for a RAB drilling program.

The further evaluation of the geophysical targets in Areas A, B, and C awaits interpretation of the DDIP data. Evidence of hydrothermal activity associated with the well-defined gravity low, and some sign of gold and copper mineralisation, sets up the Area C anomaly as a potential drill target.

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APPENDIX A

("Burra") DDIP Survey - EL3164 Coverage

Logistics Summary

Report 795-a
S. Mann
Zonge Engineering
March 2008



Zonge Engineering and Research Organization (Australia) Pty Ltd

Burra
DDIP Survey

Logistics Summary

February 2008

for

Australian Field Services

Compiled by:

S.Mann

Report No: 795-a Date : March 2008

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APPENDIX I

Pseudo-section plots of Burra DDIP Data

1. SUMMARY

During February 2008, Zonge Engineering and Research Organization (Zonge) mobilised a three-person geophysical field crew to the Koomooloo prospect near Burra, South Australia to conduct a Dipole-Dipole Induced Polarisation (DDIP) survey for Australian Field Services.

The survey commenced on the 15th February 2008 and was completed on the 22nd February 2008. In this time Dipole-dipole data were collected along 4 lines at 100m a-spacing, producing 424 points of data over 5.85 line kilometres.

Data quality and repeatability were monitored throughout the course of the survey. Strict acquisition procedures were adhered to, which ensured that good quality data were collected.

2. IP INSTRUMENTATION

A Zonge multipurpose GDP-32ii receiver was used to take all of the IP data for this project. The receiver was configured to record on six channels. The raw data from each day was downloaded every evening from the receiver to laptop computer and emailed to Zonge's Adelaide office. Preliminary processing and plotting were completed in the field. Final processing and plotting were completed in Zonge's Adelaide office.

DDIP transmitted fields were generated with a Zonge GGT-30 geophysical transmitter which was powered by a ZMG-30 generator system. Signal frequency and synchronisation were controlled directly by an XMT-32 controller.

Porous ceramic pots filled with a saturated copper sulphate solution were used as non-polarisable electrodes.

3. IP SURVEY PARAMETERS

All data were recorded during this survey was taken using Zonge's Time Domain IP (TDIP) acquisition program. Time series data are recorded over 13 time windows, linearly spaced at 150 millisecond intervals. A 54.6 millisecond time gap after transmitter turnoff precedes the first recorded time window. The calculation of "Chargeability" is described below in "Data Processing".

Dipole length and station spacing was 100m on all four lines. Data were recorded using a roll-along configuration providing n-spacings of up to 6 for each transmitter position along line. Station positions were flagged by an Australian Field Services employee and supplied to the Zonge crew. Coordinates of each station as provided are recorded in .stn files within the "Processed_Data" directory on the accompanying disc, the datum of these coordinates is unknown.

Table 1 Summary of Burra DDIP Data taken for Job 795a

Line	Orientation	Frequency (Hz)	a-spacing (m)	Start*	Finish*	Data Points
336200E	South - North	0.125	100	6400	8100	102
336500E	South - North	0.125	100	6850	8350	84
6281600N	West - East	0.125	100	9800	10950	154
6283600N	West - East	0.125	100	7450	8950	84
Total data points collected						**424**
Total line kilometres						**5.85**

* Line length is taken from maximum extent of data collected when plotted in pseudo-section.

4. PRODUCTION ISSUES

Delays were encountered due to cabling connector faults on 16th February and 23rd February and a flat tyre on 23rd February.

No other significant delays to production occurred during the survey. More detailed information on daily production may be found on the accompanying disc under *"Production Reports"*.

5. PRODUCTION SUMMARY

Table 2 is a summary of the production of Job 795a. More detailed information on daily production may be found on the accompanying disc under *"Production Reports*".

Table 2 Production Summary of Job 795a

DATE	COMMENTS
15/2/2008	Prepare equipment, travel to Burra, complete Toolbox Meeting and commence set up on Line 6281600N.
16/2/2008	Complete set up on Line 6281600N. Troubleshoot problems with receiver wires. Start to read data on Line 6281600N.
17/2/2008	Complete reading data on Line 6281600N. Start to read data on Line 6283600N.
18/2/2008	Complete reading data on Line 3628600N, and prepare extensions to Line 6281600N.
19/2/2008	Read data on Line 6281600N extensions.
21/2/2008	Prepared and read data on Line 336500E. Started preparation on Line 336200E.
22/2/2008	Complete preparation and reading on Line 336200E.
23-28/2/2008	Crew performed testing on equipment.
29/2/2008	Pack up equipment and travel to Adelaide.

6. DATA PROCESSING

The quality of each block of raw DDIP data was examined before being averaged to create a single record for each receiving station. Blocks or channels that were considered of poor quality were skipped before averaging each station's data. All raw data taken during this survey are included on the accompanying disc so that this data may be re-averaged if necessary.

The TDIP data were used to produce apparent resistivity, Newmont Chargeability, metal factor and peak voltage pseudosection plot profiles. Newmont Chargeability is defined as:

$$M = \frac{Tx1.87}{1024xVp} \cdot \int Vs$$

Where T is the cycle period of 8 seconds and the integral of the secondary (Vs) or off time voltage is from 0.45 to 1.1 seconds. An approximation of this time period with respect to TDIP window times includes windows 4, 5, 6 and 7.

Preliminary smooth 2D inversion models were created using Zonge's TS2DIP software and may be found within the "Processed_Data" directory on the accompanying disc. No attempt has been made by Zonge to alter default modelling constraints to account for topography or geological information.

7. EXPLANATION OF FILES

Digital data is provided on disc along with paper plots of the data. Data from each surveyed line are placed in the following directory structure on the accompanying disc: `Processed_Data\line#`. File formats are explained below:

***.AVG**	files created by Zonge's TDAVG containing averaged IP data.
***.FLD**	Zonge field file format produced from SHRED.EXE from *.RAW files.
***.MDE**	input files containing processing information.
***.PDF**	Adobe Acrobat Portable Document File containing plot files and report.
***.RAW**	the edited raw data downloaded from the GDP-32ii.
***.X01**	contain pseudosection plot files of apparent resistivity.
***.X02**	contain pseudosection plot files of Zonge Standard "Newmont Chargeability".
***.X03**	contain pseudosection plot files of metal factor.
***.X04**	contain pseudosection plot files of peak voltage.
DECAYS*.W*	contain plot files of averaged IP decays.
***.Z**	files used for plotting containing averaged IP data.

All plot files are provided in HPGL and PDF formats.

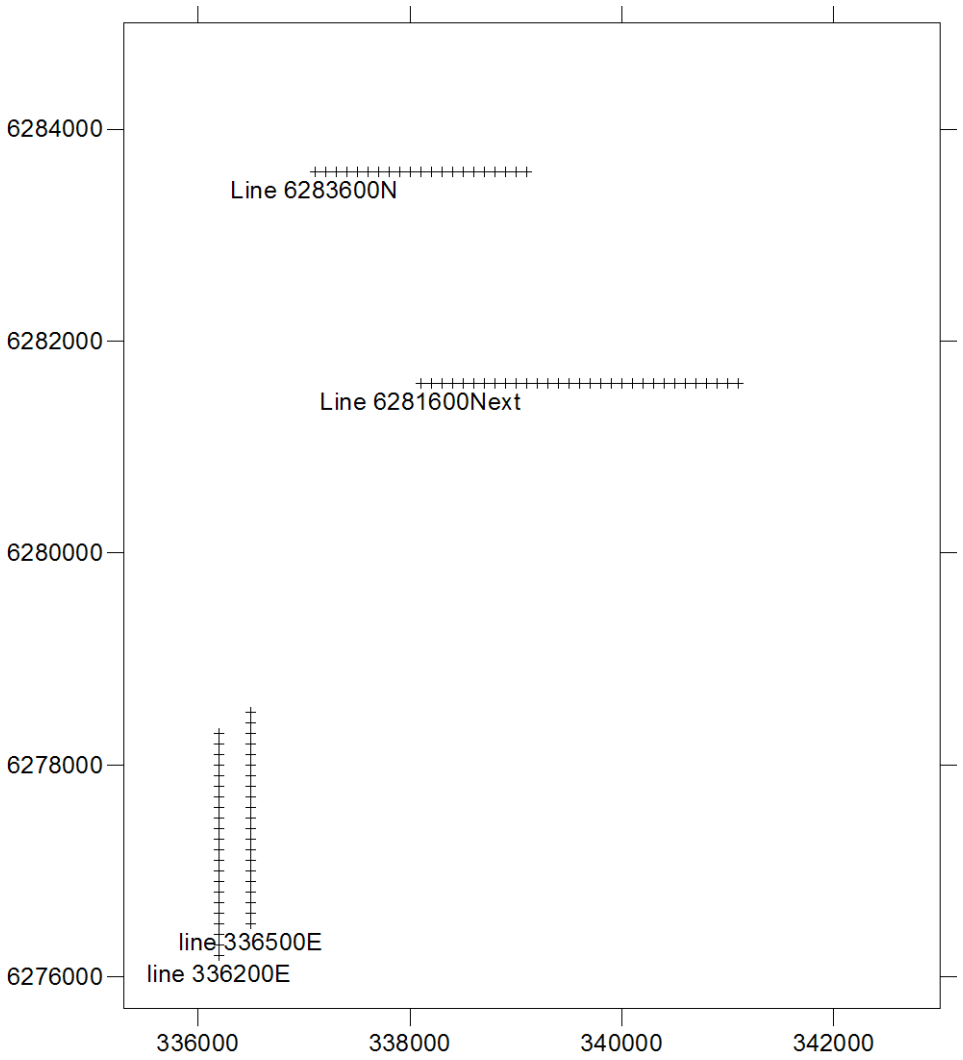


Figure 1 Burra DDIP Lines as Surveyed

APPENDIX I

Pseudo-section plots of Burra DDIP Data

Line 336200E
Burra

Field Job 795
ZONGE ZPLOT 7.35
File 336200E.Z, Plotted 25 Feb 08

TIME DOMAIN IP SURVEY DATA
Apparent RESISTIVITY

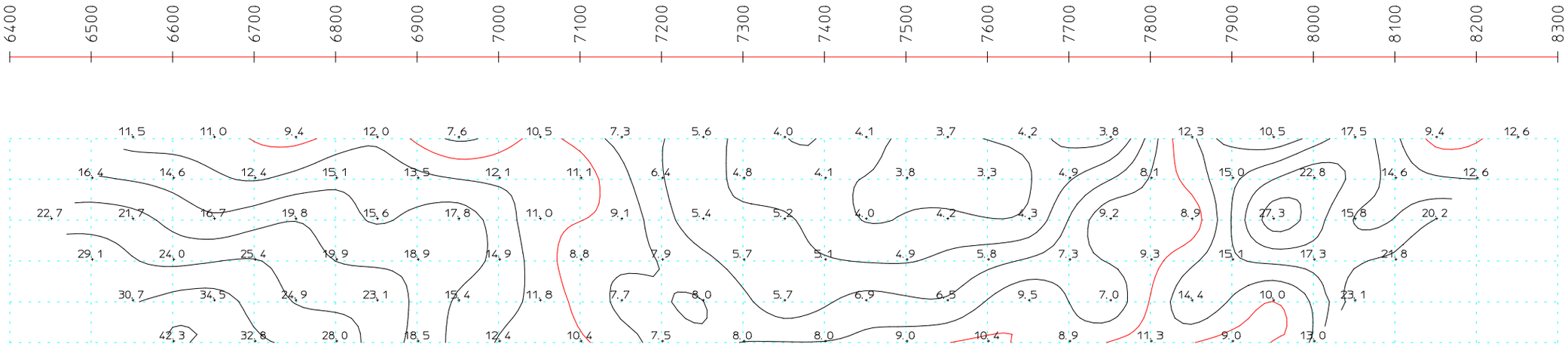
values in ohm-meters

SURVEY LINE DATA
A - Spacing= 100 m

Survey Date= February 2

[Plot limits] and LOGARITHMIC CONTOURS
(Interval: 0.10)

[3.33]	31.6
3.98	39.8
5.01	[42.3]
6.31	
7.94	
10.0*	
12.6	
15.8	
20.0	
25.1	



35.7 cm: A3

Line 336200E
Burra

Field Job 795
ZONGE ZPLOT 7.35
File 336200E.Z, Plotted 25 Feb 08

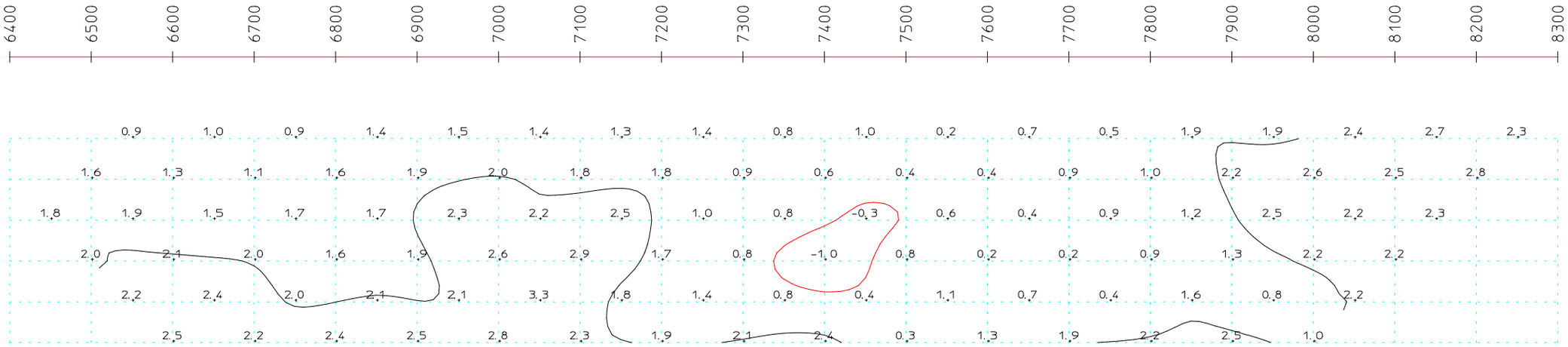
TIME DOMAIN IP SURVEY DATA
Newmont CHARGEABILITY

values in milliseconds

SURVEY LINE DATA
A - Spacing= 100 m

Survey Date= February 2

[Plot limits] and ARITHMETIC CONTOURS
(Interval: 2.00)
[-1.04]
0.00*
2.00
[3.30]



35.7 cm: A3

Line 336200E
Burra

Field Job 795
ZONGE ZPLOT 7.35
File 336200E.Z, Plotted 25 Feb 08

TIME DOMAIN IP SURVEY DATA
METAL FACTOR

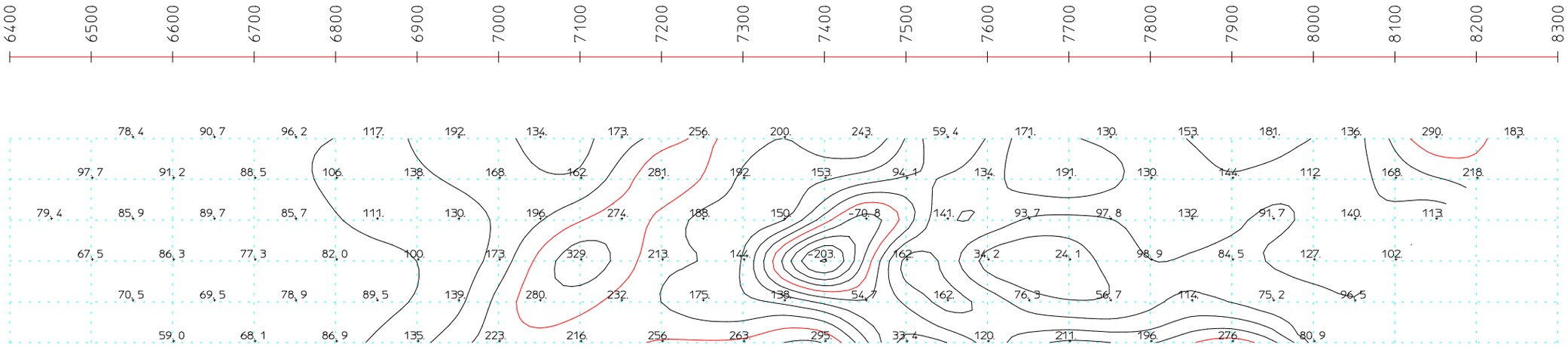
using Newmont Chargeability
and Apparent Resistivity

SURVEY LINE DATA
A - Spacing= 100 m

Survey Date= February 2

[Plot limits] and ARITHMETIC CONTOURS
(Interval: 50.00)

[-203.]	250. *
-200.	300.
-150.	[329.]
-100.	
-50.0	
0.00*	
50.0	
100.	
150.	
200.	



35.7 cm: A3

Line 336200E
Burra

Field Job 795
ZONGE ZPLOT 7.35
File 336200E.Z, Plotted 25 Feb 08

TIME DOMAIN IP SURVEY DATA
PEAK VOLTAGE Vp

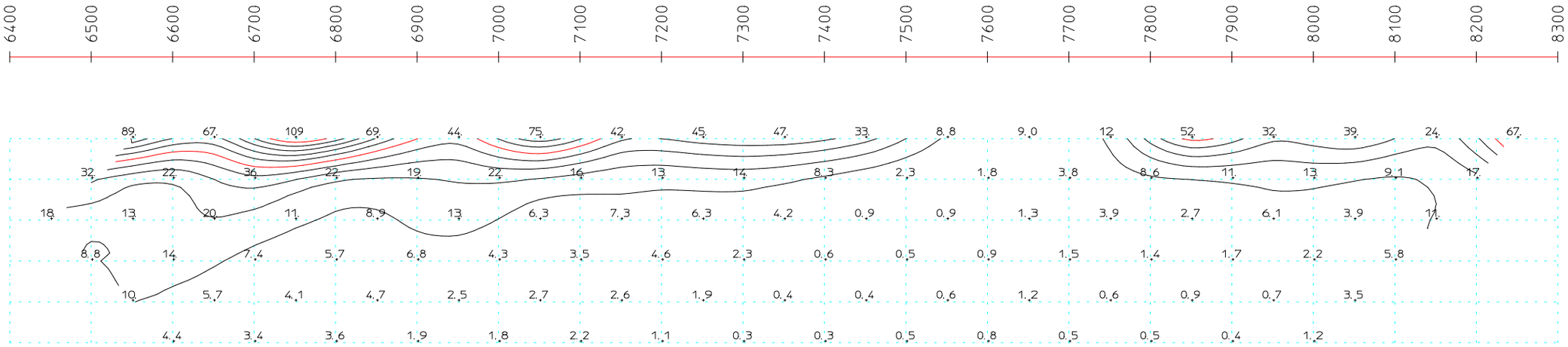
values in millivolts

SURVEY LINE DATA
A - Spacing= 100 m

Survey Date= February 2

[Plot limits] and ARITHMETIC CONTOURS
(Interval: 10.00)

[.23]	100*
10.	[109]
20.	
30.	
40.	
50. *	
60.	
70.	
80.	
90.	



35.7 cm: A3

Line 336500E
Burra

Field Job 795
ZONGE ZPLOT 7.35
File 336500E.Z, Plotted 25 Feb 08

TIME DOMAIN IP SURVEY DATA
Apparent RESISTIVITY

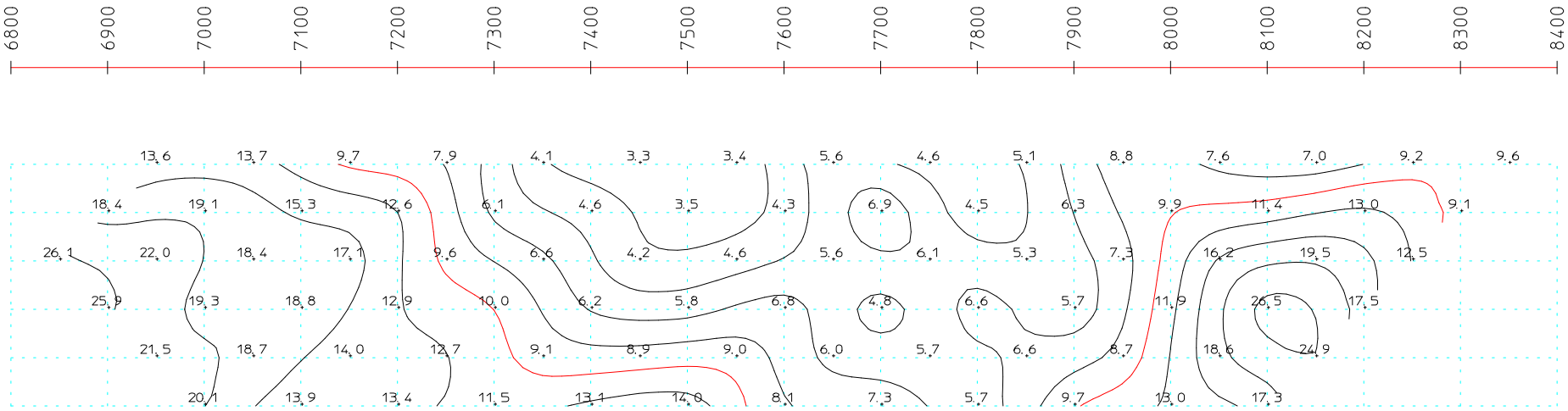
values in ohm-meters

SURVEY LINE DATA
A - Spacing= 100 m

Survey Date= February 2

[Plot limits] and LOGARITHMIC CONTOURS
(Interval: 0.10)

[3.24] [27.0]
3.98
5.01
6.31
7.94
10.0*
12.6
15.8
20.0
25.1



31.7 cm: A3

Line 336500E
Burra

Field Job 795
ZONGE ZPLOT 7.35
File 336500E.Z, Plotted 25 Feb 08

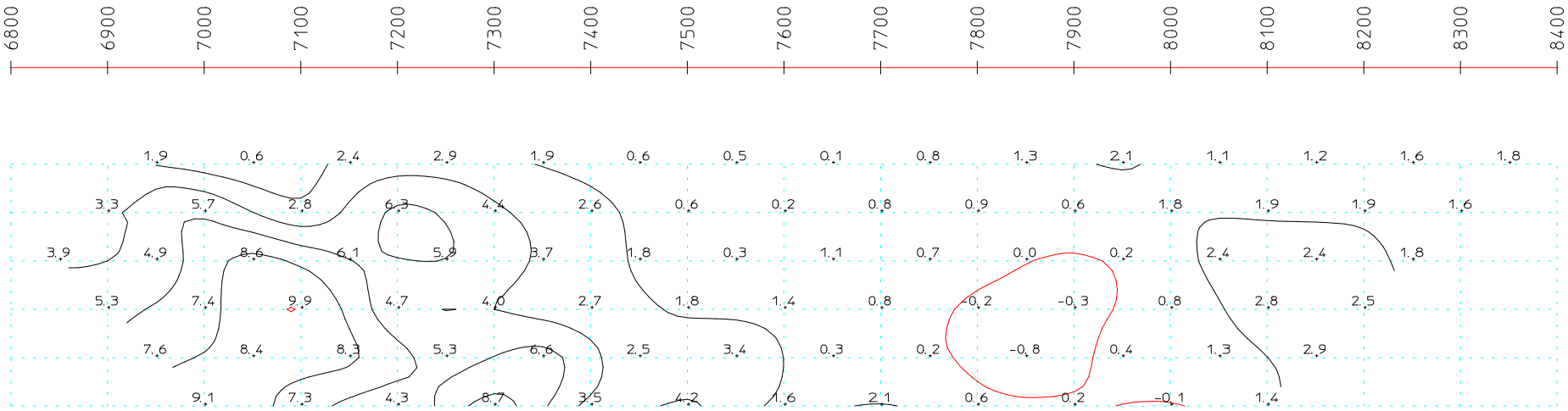
TIME DOMAIN IP SURVEY DATA
Newmont CHARGEABILITY

values in milliseconds

SURVEY LINE DATA
A - Spacing= 100 m

Survey Date= February 2

[Plot limits] and ARITHMETIC CONTOURS
(Interval: 2.00)
[-.833]
0.00*
2.00
4.00
6.00
8.00
10.0*



31.7 cm: A3

Line 336500E
Burra

Field Job 795
ZONGE ZPLOT 7.35
File 336500E.Z, Plotted 25 Feb 08

TIME DOMAIN IP SURVEY DATA
METAL FACTOR

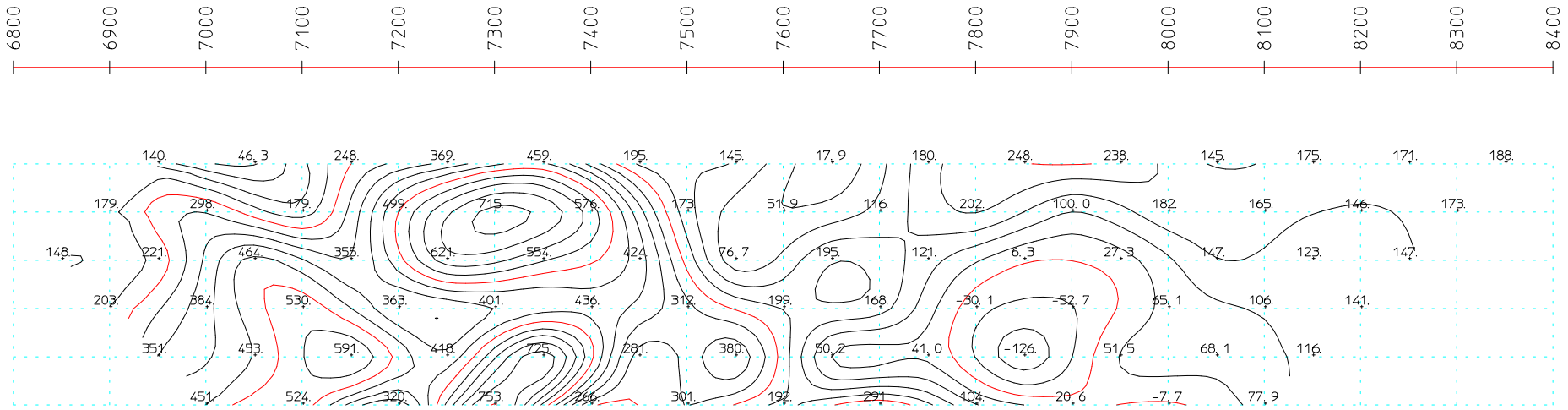
using Newmont Chargeability
and Apparent Resistivity

SURVEY LINE DATA
A - Spacing= 100 m

Survey Date= February 2

[Plot limits] and ARITHMETIC CONTOURS
(Interval: 50.00)

[-126.]	350.
-100.	400.
-50.0	450.
0.00*	500.*
50.0	550.
100.	600.
150.	650.
200.	700.
250.*	750.*
300.	[753.]



Line 336500E
Burra

Field Job 795
ZONGE ZPLOT 7.35
File 336500E.Z, Plotted 25 Feb 08

TIME DOMAIN IP SURVEY DATA
PEAK VOLTAGE Vp

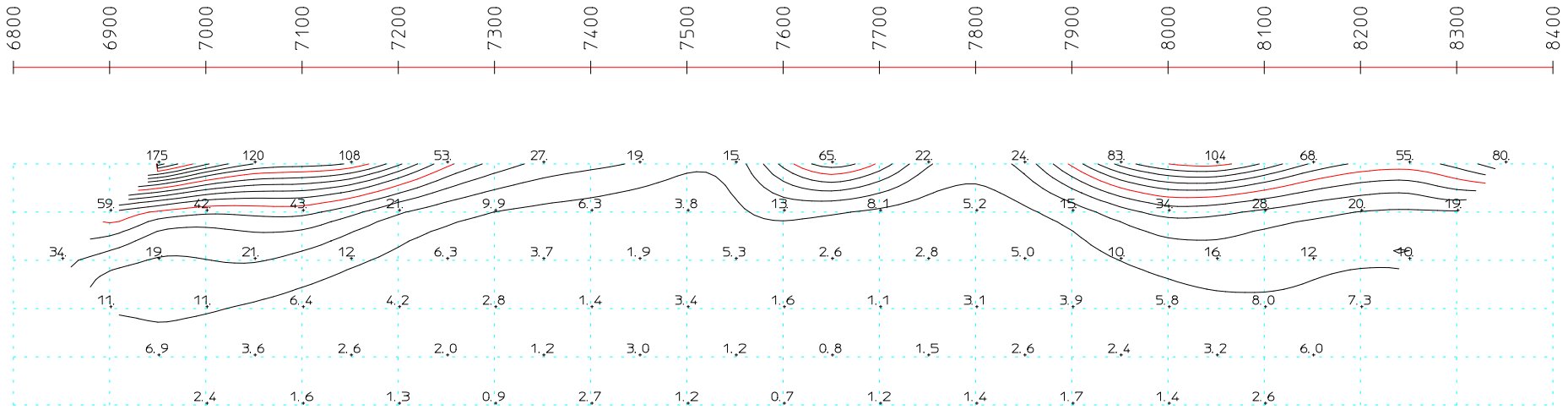
values in millivolts

SURVEY LINE DATA
A - Spacing= 100 m

Survey Date= February 2

[Plot limits] and ARITHMETIC CONTOURS
(Interval: 10.00)

[.65]	100*
10.	110
20.	120
30.	130
40.	140
50. *	150*
60.	160
70.	170
80.	[175]
90.	



Line 6281600N
Burra

Field Job 795
ZONGE ZPLOT 7.35
File 6281600N.Z, Plotted 20 Feb 08

TIME DOMAIN IP SURVEY DATA
Apparent RESISTIVITY

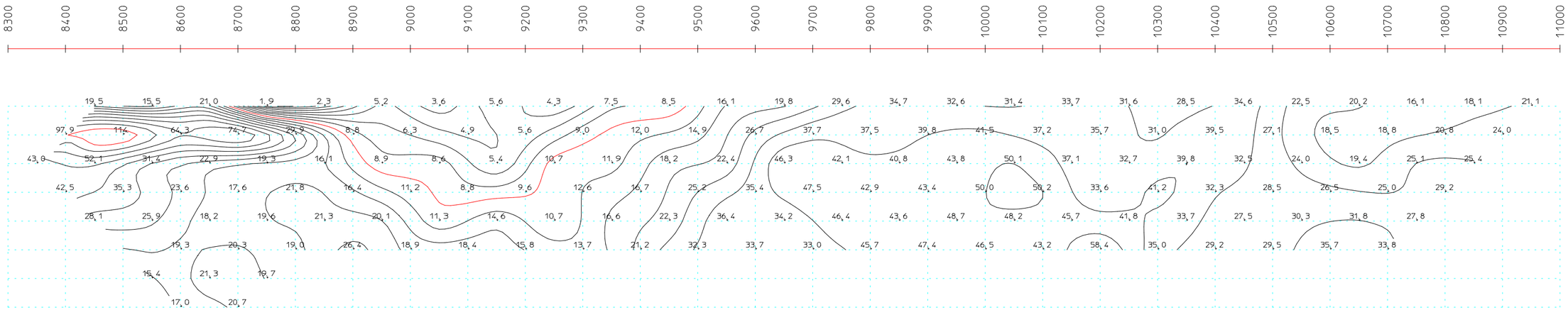
values in ohm-meters

SURVEY LINE DATA
A - Spacing= 100 m

Survey Date= February 2

[Plot limits] and LOGARITHMIC CONTOURS
(Interval: 0.10)

[1.54]	12.6	[118.]
1.58	15.8	
2.00	20.0	
2.51	25.1	
3.16	31.6	
3.98	39.8	
5.01	50.1	
6.31	63.1	
7.94	79.4	
10.0*	100.*	



47.7 cm: A2

Line 6281600N
Burra

Field Job 795
ZONGE ZPLOT 7.35
File 6281600N.Z, Plotted 20 Feb 08

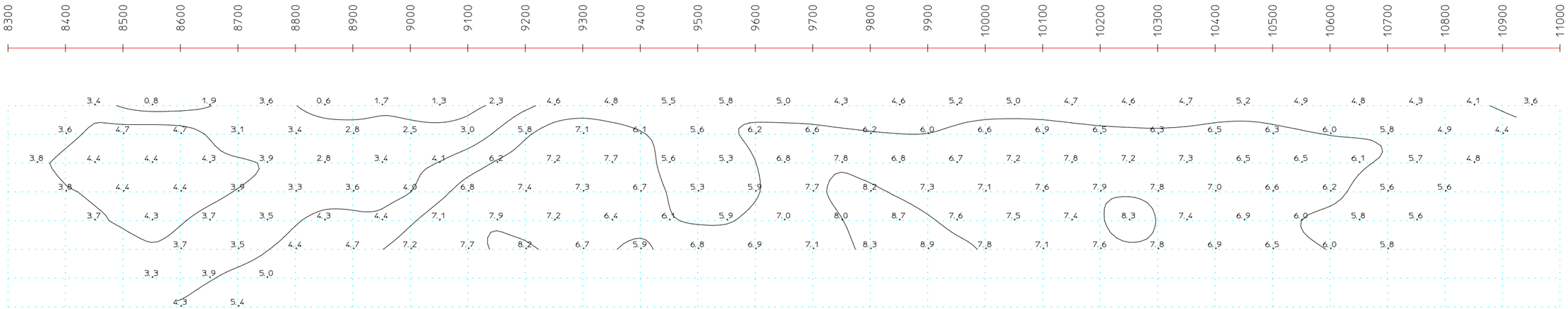
TIME DOMAIN IP SURVEY DATA
Newmont CHARGEABILITY

values in milliseconds

SURVEY LINE DATA
A - Spacing= 100 m

Survey Date= February 2

[Plot limits] and ARITHMETIC CONTOURS
(Interval: 2.00)
[.511]
2.00
4.00
6.00
8.00
[8.94]



47.7 cm: A2

Line 6281600N

Burra

Field Job 795
ZONGE ZPLOT 7.35
File 6281600N.Z, Plotted 20 Feb 08

TIME DOMAIN IP SURVEY DATA
METAL FACTOR

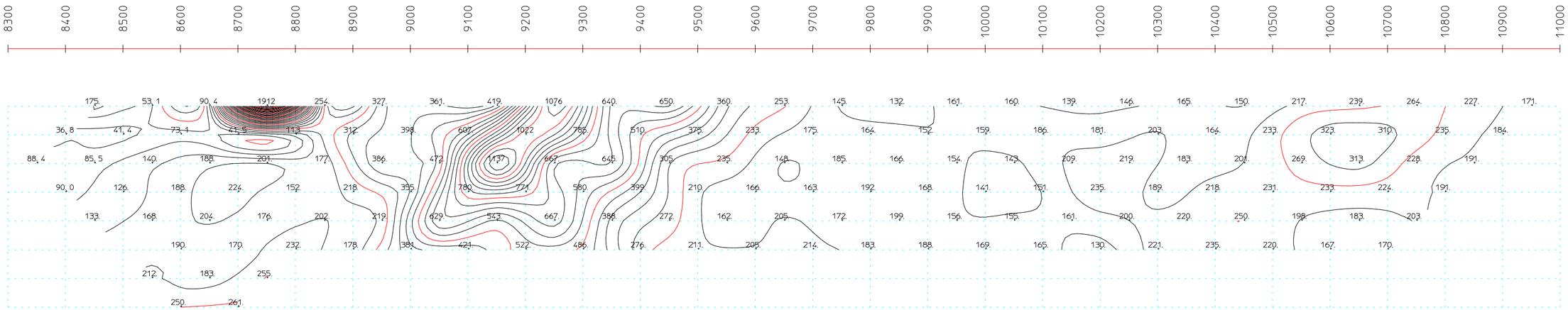
using Newmont Chargeability
and Apparent Resistivity

SURVEY LINE DATA
A - Spacing= 100 m

Survey Date= February 2

[Plot limits] and ARITHMETIC CONTOURS
(Interval: 50.00)

[-101.]	350.	850.	1350	1850
-100.	400.	900.	1400	1900
-50.0	450.	950.	1450	[1912]
0.00*	500.*	1000*	1500*	
50.0	550.	1050	1550	
100.	600.	1100	1600	
150.	650.	1150	1650	
200.	700.	1200	1700	
250.*	750.*	1250*	1750*	
300.	800.	1300	1800	



47.7 cm: A2

Line 6281600N
Burra

Field Job 795
ZONGE ZPLOT 7.35
File 6281600N.Z, Plotted 20 Feb 08

TIME DOMAIN IP SURVEY DATA
PEAK VOLTAGE Vp

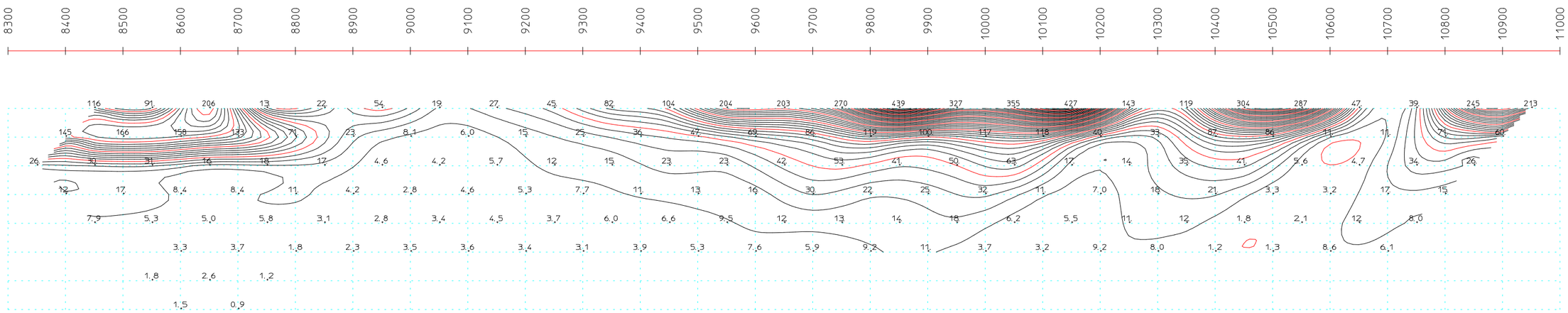
values in millivolts

SURVEY LINE DATA
A - Spacing= 100 m

Survey Date= February 2

[Plot limits] and ARITHMETIC CONTOURS
(Interval: 10.00)

[-3.8]	90.	190	290	390
0.0*	100*	200*	300*	400*
10.	110	210	310	410
20.	120	220	320	420
30.	130	230	330	430
40.	140	240	340	[439]
50.*	150*	250*	350*	
60.	160	260	360	
70.	170	270	370	
80.	180	280	380	



47.7 cm: A2

Line 6283600N
Burra

Field Job 795
ZONGE ZPLOT 7.35
File 6283600N.Z, Plotted 20 Feb 08

TIME DOMAIN IP SURVEY DATA
Apparent RESISTIVITY

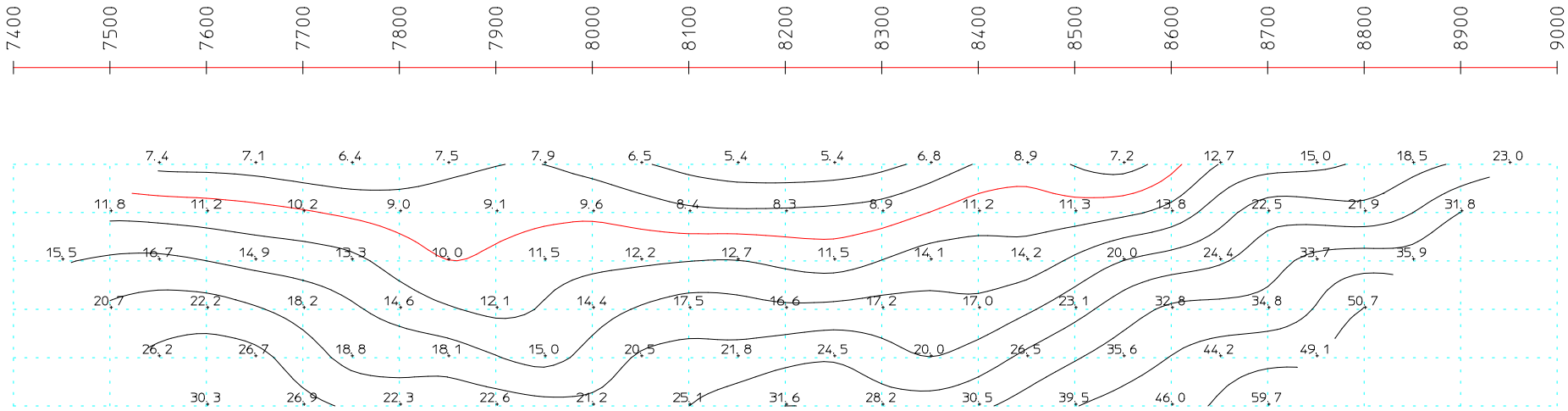
values in ohm-meters

SURVEY LINE DATA
A - Spacing= 100 m

Survey Date= February 2

[Plot limits] and LOGARITHMIC CONTOURS
(Interval: 0.10)

[5.26]	50.1
6.31	[59.7]
7.94	
10.0*	
12.6	
15.8	
20.0	
25.1	
31.6	
39.8	



31.7 cm: A3

Line 6283600N
Burra

Field Job 795
ZONGE ZPLOT 7.35
File 6283600N.Z, Plotted 20 Feb 08

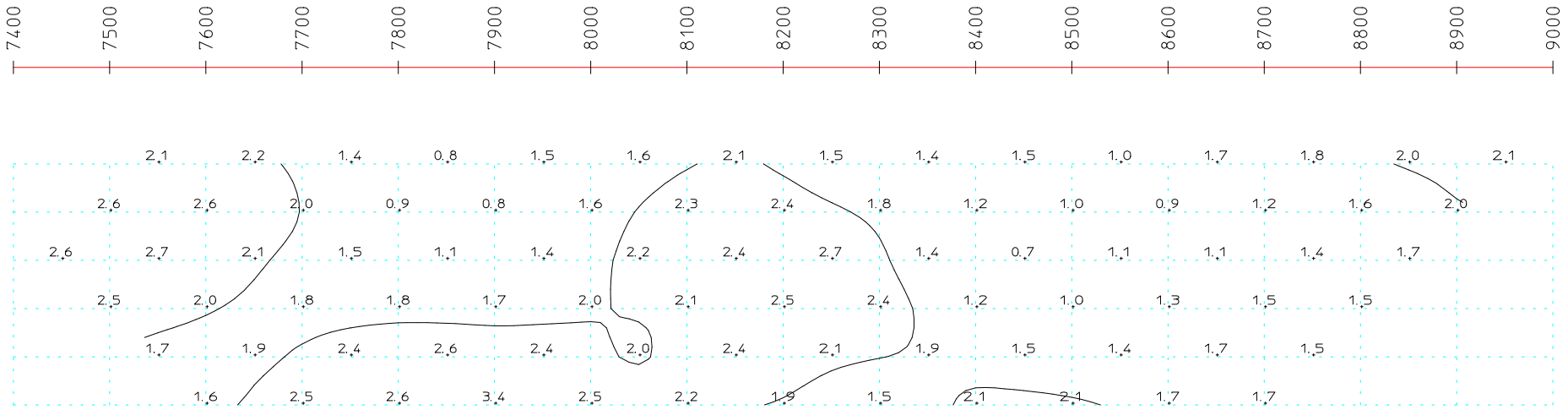
TIME DOMAIN IP SURVEY DATA
Newmont CHARGEABILITY

values in milliseconds

SURVEY LINE DATA
A - Spacing= 100 m

Survey Date= February 2

[Plot limits] and ARITHMETIC CONTOURS
(Interval: 2.00)
[.693]
2.00
[3.37]



31.7 cm: A3

Line 6283600N
Burra

Field Job 795
ZONGE ZPLOT 7.35
File 6283600N.Z, Plotted 20 Feb 08

TIME DOMAIN IP SURVEY DATA
METAL FACTOR

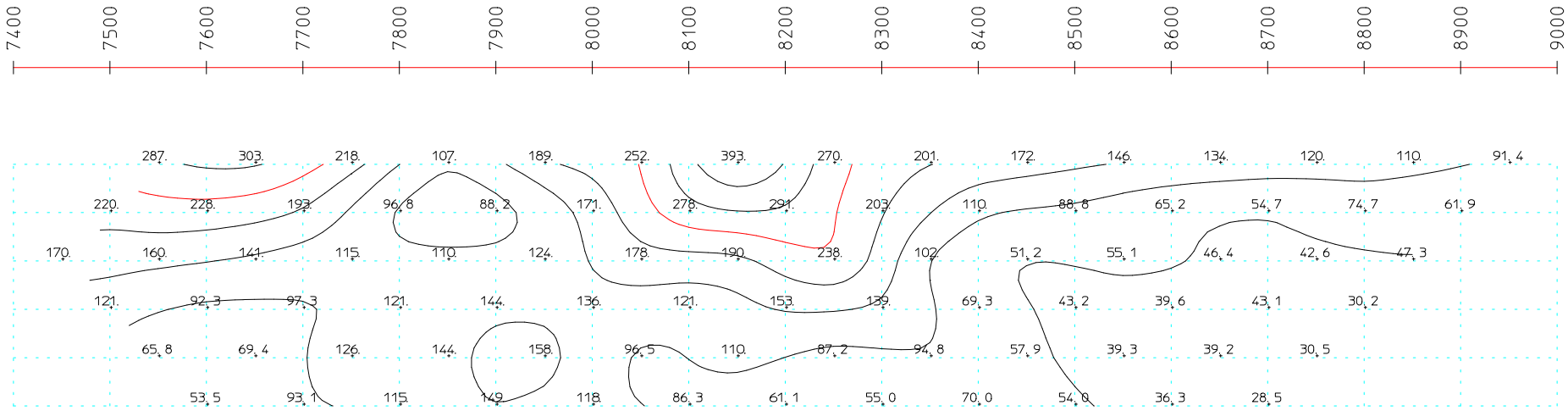
using Newmont Chargeability
and Apparent Resistivity

SURVEY LINE DATA
A - Spacing= 100 m

Survey Date= February 2

[Plot limits] and ARITHMETIC CONTOURS
(Interval: 50.00)

[28.5]
50.0
100.
150.
200.
250. *
300.
350.
[393.]



31.7 cm: A3

Line 6283600N
Burra

Field Job 795
ZONGE ZPLOT 7.35
File 6283600N.Z, Plotted 20 Feb 08

TIME DOMAIN IP SURVEY DATA
PEAK VOLTAGE Vp

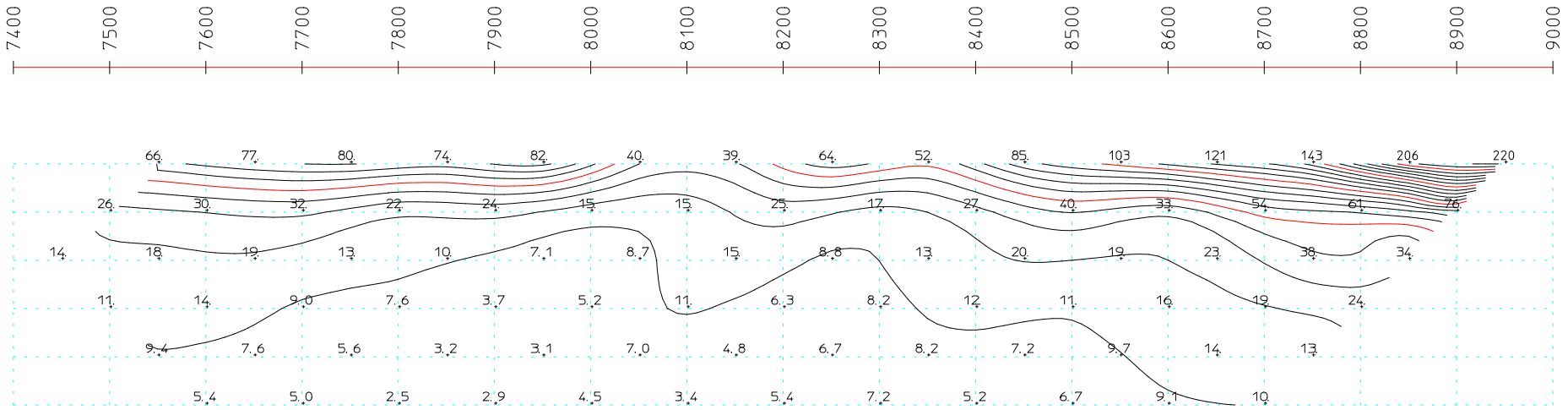
values in millivolts

SURVEY LINE DATA
A - Spacing= 100 m

Survey Date= February 2

[Plot limits] and ARITHMETIC CONTOURS
(Interval: 10.00)

[2.3]	100*	200*
10.	110	210
20.	120	220
30.	130	
40.	140	
50. *	150*	
60.	160	
70.	170	
80.	180	
90.	190	



31.7 cm: A3

APPENDIX B

Auger Bedrock Geochemistry

including

Bottom Hole Lithologies

File: DG1 EL3164_2009_A_09_Downhole Geochem.txt

H0002 Version 3

H0003 Date_generated 18-Mar-2009

H0004 Reporting_period_end_date 12-Feb-2009

H0005 State SA

H0100 Tenement_no EL 3164

H0101 Tenement holder Phoenix Copper Limited

H0102 Project_name Mongolata - East Block

H0106 Tenement_operator Australian Field Services Pty Ltd

H0200 Start_date_of_data_acquisition 7-Feb-2008

H0201 End_date_of_data_acquisition 19-Apr-2008

H0202 Template_format DG1

H0203 Number_of_data_records 44

H0204 Date_of_metadata_update 18-Mar-2009

H0300 Related_data_filenames

H0301 Location_data_file EL3164_2008_A_06_DrillCollars.txt

H0302 Downhole_lithology_data_file

HO303 Lithology_code_file

HO600 Sample_code CT

HO601 Sample_type CT Drill cuttings

HO602 Sample_description Grab 1-2 kg cuttings

HO700 Sample_preparation_code

HO701 Sample_preparation)_details 0.7 kg dry single stage mix & grind Cr-steel bowl

HO702 Job_no 1377.0 / 0803547

HO800 Assay_code

HO801 Assay_company "GLS Genalysis Laboratory Services, Perth"

HO802 Assay_description "Aqua regia digest. Flame AAS Ag,As,Bi,Cu,Sb. Graphite furnace AAS Au." Sb. Graphite furnace AAS Au.

H1000	Hole_ID	Depfrom	Depto	Sample_ID	Sample_code				Lithology
bottom hole	Au	Ag	As	Bi	Cu	Sb			
H1001		metres	metres				ppb	ppm	ppm	ppm	
	ppm	ppm									
H1002							1	0.1	10	2	1
	2										
H1003											
H1004											
H1006											
H1007							GLS	GLS	GLS	GLS	
	GLS	GLS									
D	ME01	19	20	189030		CT				Grey sandy clay. Minor hematitic
fine rock.		1	0.1	X	X	8	X			
D	ME02	22	23	189031		CT				Light grey clay and reddish
hematitic rock.			1	X	26	X	15	X		
D	ME03	27	28	189032		CT				Yellow-brown weathered
limonitic shale.			X	X	X	X	22	X		
D	ME04	24	25	189033		CT				Hard dark hematitic rock.	1
	X	51	X	22	X					
D	ME04	27	28	189034		CT				Off-white kaolinised shale
(contaminated).			1	X	13	X	12	X		
D	ME05	25	26	189035		CT				"Cream weathered soft shale,
minute mica . Patches Fe staining."				1		X	X	X	9	X

D	ME06	22	23	189036		CT		"Off-white/grey silty shale, yellow Fe staining. "	X	X	10	X
26	X											
D	ME07	22	23	189037		CT		"Pinkish weathered siltstone, part sericitic, rare pyrite casts."	1	X	X	X
31	X											
D	ME08	17	18	189038		CT		"Light grey to bleached clayey sandstone, minute opaque grains."	X	X	X	X
60	X											
D	ME09		20	n/s				Soft white sandstone (overburden).				
D	ME10	22	23	189039		CT		"Kaolinitic sandstone, quartz granules, minute opaques."	2		X	X
14												
D	ME11	17	18	189040		CT		"Kaolinitic ?siltstone, part silicified. Medium quartz grains."	1	X	X	X
5	X											
D	ME12		22	n/s				White sandstone (contaminated).				
D	ME13	21	22	189041		CT		Kaolinitic fine sandstone	2	X	X	X
11	X											
D	ME14	19	20	189042		CT		"Grey weathered shale, yellow/brown Fe staining"	X	X	10	X
45	X											
D	ME15	4	5	189044		CT		Fawn/grey weathered sericitic shale. Rare gossanous stringer.	X	X	X	X
24	X											
D	ME16	2	3	189043		CT		Fawn weathered sericitic shale.				
X	X	X	X	26	X							
D	ME17	3	4	189045		CT		"Brown weathered sericitic shale, minute black grains."	2	X	X	X
19	X											
D	ME18	3	4	189046		CT		"Brown sericitic siltstone, sericite flecks."	2		X	
25	X											
D	ME19			n/s				(contaminated).				
D	ME20	3	4	189047		CT		Light grey shale.	1	X	X	X
12	X											
D	ME21	3	4	189048		CT		Light grey shale. Coarse gypsum lumps.	1	X	X	X
7	X											
D	ME22	8	9	189049		CT		White kaolinised shale.	X	X	X	X
5	X											

D	ME23	8	9	189050		CT		"Rough nodule cemented quartz crystals, quartz euhedra in druses."	1	X	X	X	28	X
D	ME23	22	23	189054		CT		ditto	5	X	X	X	120	X
D	ME23	25	26	189055		CT		"Altered white talcose rock, disseminated opaque specks."	X	X	X	X	110	X
D	ME24	8	9	189056		CT		"Pinkish kaolinitic shale, very fine sericite."	X	X	11	X	22	X
D	ME25	17	18	189057		CT		"Grey-brown silicified saccharoidal quartz, dark clots. Quartz druses."	7	X	X	X	30	X
D	ME25	22	23	189058		CT		"Brown very hard siliceous limonitic rock, rare cockade banding."	7	X	X	X	53	X
D	ME26	8	9	189059		CT		"Cream weathered shale, hematite specks"	X	X	X	X	8	X
D	ME27	3	4	189060		CT		"Laminated grey shale, sericitic."	X	X	X	X	10	X
D	ME28	8	9	189061		CT		"Buff dolomite, ?siliceous. Rare quartz lents, chlorite flecks, ?ankerite crystals."		X	X	X	7	X
D	ME29	17	18	189062		CT		"Pinkish siltstone, talc clots. Nodules drusy quartz. Quartz lents."	60	X	X	X	55	X
D	ME29	25	26	189063		CT		"White talc clay rock, Fe oxide patches."	23	X	X	X	59	X
D	ME30	5	6	189064		CT		Pink weathered shale	2	X	X	13	X	
D	ME31	16	17	189065		CT		"Cemented clear saccharoidal quartz, drusy."	X	X	X	X	50	X
D	ME31	17	18	189066		CT		ditto	1	X	X	X	35	X
D	ME31	22	23	189067		CT		"Pale brown kaolinitic rock, streaks coarse talc."	1	X	X	X	42	X
D	ME32	8	9	189068		CT		Pink weathered shale. Minor coarse limonite with boxworks.	1	X	X	X	18	X
D	ME33	8	9	189069		CT		Pale grey weathered shale	1	X	X	X	3	X

D ME34 8 9 189070 CT White kaolinitic shale 1 X
X X 4 X

D ME35 8 9 189071 CT "Pale grey weathered shale,
limonitic patches with gypsum." 1 X X X 8 X

D ME36 3 4 189072 CT "Off-white shale, yellow-brown
limonitic spots." 1 X X X 24 X

D ME37 5 6 189073 CT Pink-brown weathered shale. 1
X X X 2 X

EOF

APPENDIX C

Calcrete Geochemistry

File: SG1 EL3164_2009_A_13_SurfaceGeochem.txt

H0002 Version 3
H0003 Date_generated 18-Mar-2009
H0004 Reporting_period_end_date 12-Feb-2009
H0005 State SA
H0100 Tenement_no EL3164
H0101 Tenement_holder Phoenix Copper Limited

H0102 Project_name Mongolata (east block)
H0106 Tenement_operator Australian Field Services Pty Ltd

H0150 250K_map_sheet_number SI54-05
H0151 100K_map_sheet_number 6730
H0152 50K_map_sheet_number "6730-I, 6730-IV"

H0153 25K_map_sheet_number
H0200 Start_date_of_data_acquisition 1-Feb-2008

H0201 End_date_of_data_acquisition 26-Apr-2008

H0202 Template_format SG1
H0203 Number_of_data_records 692
H0204 Date_of_metadata_update 18-Mar-2009
H0300 Related_data_filenames
H0301 Location_data_file EL3164_2009_A_13_SurfaceGeochem.txt

H0302

H0401 Drill_contractor
H0402 Description
H0500 Feature_located Surface_location
H0501 Geodetic_datum GDA94
H0502 Vertical_datum
H0503 Projection UTM MGA Zone 54
H0508 Local_grid_name
H0530 Coordinate_system Projected
H0531 Projection_zone 54
H0532 Surveying_instrument GPS Averaged Position

H0533 Surveying_company Australian Field Services Pty Ltd

HO600 Sample_code RO CALC
HO601 Sample_type RO
HO602 Sample_description 1-2kg mattock samples Screened +6mm to laboratory

HO700 Sample_preparation_code

HO701 Sample_preparation_details "1.5kg dry, jaw crush, single stage mix & grind (CR-steel bowl"

HO702 Job-no "1377.0 /0803177, 0804496, 0804641, 0805588, 0805589"

HO800 Assay_code "B/ETA, B/AAS"

HO801 Assay_company GLS "Genalysis Laboratory Services, Perth"

HO802 Assay_description Aqua-Regia Digest [B/] (+aliquots) Flame AAS using B/ digest solution AG "ution Ag,As,Bi,Cu"
Graphite furness AAS using B/ digest solution Au

H1000	Sample_ID	Sample_code	Lithology	Xcoordinates	Ycoordinates	Au	Ag	As	Bi	Cu	Sb
H1001			metres	metres	ppb	ppm	ppm	ppm	ppm	ppm	
H1002					ETA	AAS	AAS	AAS	AAS	AAS	
H1003					1	1 /.1	10	2	1	2	
H1004											
D	189129	RO	CALC	338400		6283600		3	X	X	X
	17	X									
D	189130	RO	CALC	338300		6283600		2	X	X	X
	16	X									
D	189131	RO	CALC	338100		6283600		2	X	X	X
	17	X									
D	189132	RO	CALC	338000		6283600		2	X	X	X
	14	X									
D	189133	RO	CALC	339100		6281600		2	X	X	X
	13	X									
D	189134	RO	CALC	339000		6281600		4	X	X	X
	18	X									
D	189135	RO	CALC	338900		6281600		3	X	X	X
	21	X									
D	189136	RO	CALC	338800		6281600		3	X	X	X
	15	X									
D	189137	RO	CALC	338700		6281600		3	X	X	X
	18	X									
D	189138	RO	CALC	339050		6281650		2	X	X	X
	18	X									
D	189139	RO	CALC	339050		6281700		2	X	X	X
	14	X									
D	189140	RO	CALC	339050		6281800		3	X	X	X
	20	X									
D	189141	RO	CALC	339050		6281600		2	X	X	X
	18	X									
D	189142	RO	CALC	339050		6281550		2	X	X	X
	18	X									
D	189145	RO	CALC	336500		6277000		2	X	X	X
	19	X									
D	189146	RO	CALC	336500		6277100		3	X	X	X
	13	X									
D	189147	RO	CALC	336500		6277200		3	X	X	X
	24	X									

D	189148	RO	CALC	336500	6277300	2	X	X	X
	15 X								
D	189149	RO	CALC	336500	6277400	2	X	X	X
	18 X								
D	189150	RO	CALC	336500	6277500	2	X	X	X
	15 X								
D	189151	RO	CALC	336500	6277700	3	X	X	X
	15 X								
D	189152	RO	CALC	336500	6277900	2	X	X	X
	26 X								
D	189153	RO	CALC	336500	6277900	2	X	X	X
	15 X								
D	189154	RO	CALC	336200	6277900	4	X	X	X
	19 X								
D	189155	RO	CALC	336200	6277800	3	X	X	X
	15 X								
D	189156	RO	CALC	336200	6277700	2	X	X	X
	17 X								
D	189157	RO	CALC	336200	6277750	3	X	X	X
	16 X								
D	189158	RO	CALC	336200	6277650	3	X	X	X
	15 X								
D	189159	RO	CALC	336200	6277600	2	X	X	X
	15 X								
D	189160	RO	CALC	336200	6277500	2	X	X	X
	16 X								
D	189161	RO	CALC	336200	6277400	2	X	X	X
	15 X								
D	189162	RO	CALC	336200	6277300	2	X	X	X
	15 X								
D	189163	RO	CALC	336500	6277550	3	X	X	X
	20 X								
D	189164	RO	CALC	336500	6277650	3	X	X	X
	14 X								
D	189351	RO	CALC	337300	6281000	1	X	X	X
	13 X								
D	189352	RO	CALC	337400	6281000	2	X	11	X
	29 X								
D	189353	RO	CALC	337500	6281000	2	X	X	X
	18 X								
D	189354	RO	CALC	337600	6281000	2	X	10	X
	22 X								
D	189355	RO	CALC	337700	6281000	2	X	11	X
	24 X								
D	189356	RO	CALC	337800	6281000	1	X	X	X
	13 X								
D	189357	RO	CALC	337900	6281000	3	X	X	X
	20 X								
D	189358	RO	CALC	338000	6281000	2	X	X	X
	19 X								

D	189359	RO	CALC	338100	6281000	3	X	X	X	
	20	X								
D	189360	RO	CALC	338200	6281000	2	X	X	X	
	20	X								
D	189361	RO	CALC	338300	6281000	4	X	X	X	
	21	X								
D	189362	RO	CALC	338200	6280800	2	X	X	X	
	22	X								
D	189363	RO	CALC	338300	6280800	3	X	X	X	
	21	X								
D	189364	RO	CALC	339200	6280800	2	X	X	X	
	18	X								
D	189365	RO	CALC	339300	6280800	1	X	X	X	
	24	X								
D	189366	RO	CALC	339400	6280800	2	X	11	X	
	20	X								
D	189367	RO	CALC	339500	6280800	2	X	12	X	
	19	X								
D	189368	RO	CALC	339600	6280800	3	X	10	X	
	23	X								
D	189369	RO	CALC	339700	6280800	2	X	X	X	
	21	X								
D	189370	RO	CALC	339800	6280800	3	X	13	X	
	23	X								
D	189371	RO	CALC	339900	6280800	3	X	11	X	
	21	X								
D	189372	RO	CALC	340000	6280800	3	X	12	X	
	18	X								
D	189373	RO	CALC	340000	6281000	2	X	X	X	
	18	X								
D	189374	RO	CALC	339900	6281000	3	X	X	X	
	23	X								
D	189375	RO	CALC	339800	6281000	2	X	10	X	
	19	X								
D	189376	RO	CALC	339700	6281000	2	X	11	X	
	22	X								
D	189377	RO	CALC	339600	6281000	4	X	12	X	
	22	X								
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	22	X								
D	189379	RO	CALC	339400	6281000	2	X	X	X	
	21	X								
D	189380	RO	CALC	339300	6281000	2	X	X	X	
	20	X								
D	189381	RO	CALC	339200	6281000	2	X	X	X	
	18	X								
D	189382	RO	CALC	339100	6281000	2	X	X	X	
	22	X								
D	189383	RO	CALC	339000	6281000	4	X	X	X	
	22	X								

D	189384	RO	CALC	339000	6281200	2	X	X	X
	18 X								
D	189385	RO	CALC	339100	6281200	3	X	X	X
	22 X								
D	189386	RO	CALC	339200	6281200	4	X	16	X
	22 X								
D	189387	RO	CALC	339300	6281200	5	X	10	X
	25 X								
D	189388	RO	CALC	339400	6281200	4	X	11	X
	27 X								
D	189389	RO	CALC	339500	6281200	3	X	X	X
	19 X								
D	189390	RO	CALC	339600	6281200	4	X	X	X
	24 X								
D	189391	RO	CALC	339700	6281200	1	X	X	X
	19 X								
D	189392	RO	CALC	339800	6281200	3	X	X	X
	24 X								
D	189393	RO	CALC	339900	6281200	2	X	X	X
	20 X								
D	189394	RO	CALC	340000	6281200	2	X	X	X
	16 X								
D	189395	RO	CALC	340000	6281400	2	X	X	X
	19 X								
D	189396	RO	CALC	339900	6281400	2	X	X	X
	22 X								
D	189397	RO	CALC	339800	6281400	2	X	X	X
	15 X								
D	189398	RO	CALC	339700	6281400	2	X	X	X
	30 X								
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	30								
D	189400	RO	CALC	339500	6281400	3	X	X	X
	23								
D	189401	RO	CALC	339400	6281400	2	X	X	X
	23								
D	189402	RO	CALC	339300	6281400	2	X	X	X
	18								
D	189403	RO	CALC	339200	6281400	3	X	12	X
	20								
D	189404	RO	CALC	339100	6281400	2	X	X	X
	21								
D	189405	RO	CALC	339000	6281400	4	X	12	X
	24								
D	189406	RO	CALC	338900	6281400	1	X	X	X
	17								
D	189407	RO	CALC	338800	6281400	3	X	11	X
	17								
D	189408	RO	CALC	338700	6281400	2	X	X	X
	21								

D	189409 17	RO	CALC	338600	6281400	2	X	X	X
D	189410 19	RO	CALC	338500	6281400	3	X	X	X
D	189411 25	RO	CALC	338500	6281600	2	X	X	X
D	189412 21	RO	CALC	338600	6281600	3	X	X	X
D	189413 19	RO	CALC	338700	6281600	3	X	X	X
D	189414 19	RO	CALC	338800	6281600	2	X	X	X
D	189415 20	RO	CALC	338900	6281600	3	X	X	X
D	189416 21	RO	CALC	339000	6281600	2	X	X	X
D	189417 20	RO	CALC	339100	6281600	3	X	X	X
D	189418 24	RO	CALC	339200	6281600	2	X	X	X
D	189419 23	RO	CALC	339300	6281600	3	X	X	X
D	189420 17	RO	CALC	339400	6281600	2	X	X	X
D	189421 24	RO	CALC	339500	6281600	3	X	X	X
D	189422 27	RO	CALC	339600	6281600	2	X	X	X
D	189423 26	RO	CALC	339700	6281600	2	X	X	X
D	189424 25	RO	CALC	339800	6281600	2	X	X	X
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D	189426 19	RO	CALC	340000	6281600	2	X	X	X
D	189427 18	RO	CALC	340000	6281800	2	X	X	X
D	189428 19	RO	CALC	339900	6281800	2	X	X	X
D	189429 12	RO	CALC	339800	6281800	2	X	X	X
D	189430 9	RO	CALC	339700	6281800	1	X	X	X
D	189431 11	RO	CALC	339600	6281800	1	X	X	X
D	189432 10	RO	CALC	339500	6281800	1	X	X	X
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	29								
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	24								
D	189436	RO	CALC	339100	6281800	2	X	X	X
	23								
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	21								
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	20								
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	22								
D	189440	RO	CALC	338700	6281800	1	X	X	X
	25								
D	189441	RO	CALC	338600	6281800	2	X	X	X
	21								
D	189442	RO	CALC	338500	6281800	3	X	X	X
	18								
D	189443	RO	CALC	339000	6283000	2	X	X	X
	18								
D	189444	RO	CALC	339100	6283000	3	X	X	X
	21								
D	189445	RO	CALC	339200	6283000	3	X	X	X
	22								
D	189446	RO	CALC	339300	6283000	4	X	X	X
	24								
D	189447	RO	CALC	339400	6283000	2	X	18	X
	20								
D	189448	RO	CALC	339500	6283000	2	X	X	X
	21								
D	189449	RO	CALC	339600	6283000	3	X	13	X
	24								
D	189450	RO	CALC	339700	6283000	2	X	13	X
	26								
D	189451	RO	CALC	339800	6283000	2	X	12	X
	25								
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	28								
D	189453	RO	CALC	340000	6283000	3	X	19	X
	28								
D	189454	RO	CALC	340400	6283500	2	X	11	X
	21								
D	189455	RO	CALC	340300	6283500	2	X	X	X
	16								
D	189456	RO	CALC	340200	6283500	1	X	X	X
	14								
D	189457	RO	CALC	340100	6283500	2	X	X	X
	15								
D	189458	RO	CALC	340000	6283500	2	X	X	X
	15								

D	189459	RO	CALC	339900	6283500	1	X	X	X
	12								
D	189460	RO	CALC	339800	6283500	2	X	X	X
	15								
D	189461	RO	CALC	339700	6283500	1	X	X	X
	13								
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	24								
D	189463	RO	CALC	339500	6283500	3	X	14	X
	20								
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	25								
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	16								
D	189466	RO	CALC	339200	6283500	2	X	11	X
	22								
D	189467	RO	CALC	339100	6283500	2	X	13	X
	19								
D	189468	RO	CALC	339000	6283500	2	X	11	X
	21								
D	189469	RO	CALC	338900	6283500	2	X	X	X
	19								
D	189470	RO	CALC	338800	6283500	2	X	14	X
	25								
D	189471	RO	CALC	338700	6283500	2	X	13	X
	17								
D	189472	RO	CALC	338600	6283500	2	X	X	X
	16								
D	189473	RO	CALC	338500	6283500	2	X	13	X
	21								
D	189474	RO	CALC	338500	6283600	1	X	11	X
	19								
D	189475	RO	CALC	338600	6283600	1	X	X	X
	15								
D	189476	RO	CALC	338700	6283600	2	X	X	X
	18								
D	189477	RO	CALC	338800	6283600	1	X	X	X
	18								
D	189478	RO	CALC	338900	6283600	3	X	11	X
	24								
D	189479	RO	CALC	339000	6283600	2	X	15	X
	21								
D	189480	RO	CALC	339100	6283600	2	X	11	X
	19								
D	189481	RO	CALC	339200	6283600	2	X	13	X
	32								
D	189482	RO	CALC	339300	6283600	2	X	X	X
	19								
D	189483	RO	CALC	339400	6283600	3	X	13	X
	24								

D	189484	RO	CALC	339500	6283600	3	X	11	X
	22								
D	189485	RO	CALC	339600	6283600	2	X	14	X
	23								
D	189486	RO	CALC	339700	6283600	2	X	10	X
	19								
D	189487	RO	CALC	339800	6283600	1	X	X	X
	12								
D	189488	RO	CALC	339900	6283600	2	X	X	X
	21								
D	189489	RO	CALC	340000	6283600	2	X	10	X
	17								
D	189490	RO	CALC	340100	6283600	2	X	X	X
	15								
D	189491	RO	CALC	340200	6283600	2	X	12	X
	17								
D	189492	RO	CALC	340300	6283600	1	X	X	X
	12								
D	189493	RO	CALC	340400	6283600	1	X	X	X
	12								
D	320001	RO	CALC	340400	6283700	1	X	X	X
	14								
D	320002	RO	CALC	340300	6283700	2	X	X	X
	14								
D	320003	RO	CALC	340200	6283700	1	X	X	X
	14								
D	320004	RO	CALC	340100	6283700	3	X	X	X
	17								
D	320005	RO	CALC	340000	6283700	1	X	X	X
	9								
D	320006	RO	CALC	339900	6283700	1	X	X	X
	15								
D	320007	RO	CALC	339800	6283700	1	X	X	X
	15								
D	320008	RO	CALC	339700	6283700	X	X	X	X
	14								
D	320009	RO	CALC	339600	6283700	2	X	X	X
	22								
D	320010	RO	CALC	339500	6283700	1	X	14	X
	24								
D	320011	RO	CALC	339400	6283700	2	X	12	X
	21								
D	320012	RO	CALC	339300	6283700	3	X	12	X
	22								
D	320013	RO	CALC	339200	6283700	2	X	X	X
	21								
D	320014	RO	CALC	339100	6283700	2	X	14	X
	19								
D	320015	RO	CALC	339000	6283700	2	X	15	X
	23								

D	320016	RO	CALC	338900	6283700	3	X	17	X
	25								
D	320017	RO	CALC	338800	6283700	2	X	X	X
	18								
D	320018	RO	CALC	338700	6283700	1	X	X	X
	17								
D	320019	RO	CALC	338600	6283700	3	X	12	X
	30								
D	320020	RO	CALC	338500	6283700	2	X	12	X
	19								
D	320021	RO	CALC	338500	6283800	1	X	X	X
	13								
D	320022	RO	CALC	338600	6283800	1	X	10	X
	18								
D	320023	RO	CALC	338700	6283800	2	X	12	X
	22								
D	320024	RO	CALC	338800	6283800	X	X	X	X
	14								
D	320025	RO	CALC	338900	6283800	2	X	X	X
	19								
D	320026	RO	CALC	339000	6283800	2	X	12	X
	23								
D	320027	RO	CALC	339100	6283800	3	X	16	X
	23								
D	320028	RO	CALC	339200	6283800	1	X	X	X
	16								
D	320029	RO	CALC	339300	6283800	2	X	15	X
	20								
D	320030	RO	CALC	339400	6283800	2	X	12	X
	14								
D	320031	RO	CALC	339500	6283800	2	X	X	X
	23								
D	320032	RO	CALC	339600	6283800	2	X	X	X
	12								
D	320033	RO	CALC	339700	6283800	1	X	X	X
	13								
D	320034	RO	CALC	339800	6283800	2	X	X	X
	19								
D	320035	RO	CALC	339900	6283800	1	X	X	X
	14								
D	320036	RO	CALC	340000	6283800	2	X	X	X
	15								
D	320037	RO	CALC	340100	6283800	2	X	10	X
	14								
D	320038	RO	CALC	340200	6283800	1	X	17	X
	15								
D	320039	RO	CALC	340300	6283800	2	X	X	X
	18								
D	320240	RO	CALC	340400	6283800	1	X	11	X
	13								

D	320041 19	RO	CALC	340500	6284000	2	X	X	X
D	320042 18	RO	CALC	340400	6284000	2	X	X	X
D	320043 15	RO	CALC	340300	6284000	2	X	X	X
D	320044 10	RO	CALC	340200	6284000	1	X	X	X
D	320045 19	RO	CALC	340100	6284000	2	X	X	X
D	320046 13	RO	CALC	340000	6284000	2	X	X	X
D	320047 15	RO	CALC	339900	6284000	2	X	X	X
D	320048 14	RO	CALC	339800	6284000	1	X	X	X
D	320049 17	RO	CALC	339700	6284000	1	X	X	X
D	320050 11	RO	CALC	339600	6284000	1	X	X	X
D	320051 17	RO	CALC	339500	6284000	1	X	X	X
D	320052 22	RO	CALC	339400	6284000	2	X	X	X
D	320053 26	RO	CALC	339300	6284000	3	X	11	X
D	320054 23	RO	CALC	339200	6284000	2	X	12	X
D	320055 20	RO	CALC	339100	6284000	3	X	12	X
D	320056 16	RO	CALC	339000	6284000	X	X	X	X
D	320057 22	RO	CALC	338900	6284000	3	X	X	X
D	320058 22	RO	CALC	338800	6284000	2	X	11	X
D	320059 16	RO	CALC	338700	6284000	X	X	10	X
D	320060 24	RO	CALC	338600	6284000	2	X	11	X
D	320061 26	RO	CALC	338500	6284000	2	X	X	X
D	320062 19	RO	CALC	338400	6284000	1	X	18	X
D	320063 14	RO	CALC	338300	6284000	1	X	X	X
D	320064 15	RO	CALC	338200	6284000	1	X	X	X
D	320065 25	RO	CALC	338100	6284000	2	X	X	X

D	320066 28	RO	CALC	338000	6284000	3	X	10	X
D	320067 28	RO	CALC	336900	6277300	3	X	X	X
D	320068 41	RO	CALC	336900	6277400	4	X	X	X
D	320069 34	RO	CALC	336900	6277500	4	X	X	X
D	320070 21	RO	CALC	336900	6277600	3	X	X	X
D	320071 24	RO	CALC	336900	6277700	2	X	X	X
D	320072 17	RO	CALC	336900	6277800	2	X	X	X
D	320073 31	RO	CALC	336900	6277900	3	X	X	X
D	320074 18	RO	CALC	336900	6278000	2	X	X	X
D	320075 19	RO	CALC	336900	6278100	2	X	X	X
D	320076 23	RO	CALC	336900	6278200	2	X	X	X
D	320077 33	RO	CALC	336900	6278300	2	X	X	X
D	320078 19	RO	CALC	336700	6278300	1	X	X	X
D	320079 15	RO	CALC	336700	6278200	2	X	X	X
D	320080 26	RO	CALC	336700	6278100	2	X	X	X
D	320081 23	RO	CALC	336700	6278000	1	X	X	X
D	320082 29	RO	CALC	336700	6277900	3	X	X	X
D	320083 32	RO	CALC	336700	6277800	3	X	X	X
D	320084 25	RO	CALC	336700	6277700	2	X	X	X
D	320085 30	R0	CALC	336700	6277600	3	X	X	X
D	320086 27	RO	CALC	336700	6277500	3	X	X	X
D	320087 29	RO	CALC	336700	6277400	3	X	X	X
D	320088 21	RO	CALC	336700	6277300	7	X	X	X
D	320089 56	RO	CALC	335500	6277700	7	X	X	X
D	320090 31	RO	CALC	335600	6277700	2	X	X	X

D	320091 40	RO	CALC	335700	6277700	3	X	X	X
D	320092 43	RO	CALC	335800	6277700	3	X	X	X
D	320093 32	RO	CALC	335900	6277700	2	X	X	X
D	320094 28	RO	CALC	336000	6277700	3	X	X	X
D	320095 27	RO	CALC	336100	6277700	2	X	X	X
D	320096 26	RO	CALC	336200	6277700	2	X	X	X
D	320097 24	RO	CALC	336300	6277700	2	X	X	X
D	320098 26	RO	CALC	336400	6277700	2	X	X	X
D	320099 26	RO	CALC	336500	6277700	2	X	X	X
D	320100 23	RO	CALC	336600	6277700	3	X	X	X
D	320101 24	RO	CALC	336700	6277700	3	X	X	X
D	320102 31	RO	CALC	336800	6277700	3	X	X	X
D	320103 24	RO	CALC	336900	6277700	4	X	X	X
D	320104 22	RO	CALC	337000	6277700	3	X	X	X
D	320105 20	RO	CALC	337100	6277700	3	X	X	X
D	320106 26	RO	CALC	337200	6277700	2	X	X	X
D	320107 20	RO	CALC	337300	6277700	3	X	X	X
D	320108 21	RO	CALC	337400	6277700	4	X	X	X
D	320109 24	RO	CALC	337500	6277700	4	X	X	X
D	320192 20	RO	CALC	340000	6284400	2	X	X	X
D	320193 22	RO	CALC	340100	6284400	2	X	X	X
D	320194 23	RO	CALC	340200	6284400	2	X	X	X
D	320195 24	RO	CALC	340300	6284400	3	X	X	X
D	320196 18	RO	CALC	340400	6284400	2	X	X	X
D	320197 18	RO	CALC	340500	6284400	2	X	X	X

D	320198	RO	CALC	340600	6284365	3	X	X	X
	20								
D	320199	RO	CALC	340700	6284400	2	X	X	X
	25								
D	320200	RO	CALC	340800	6284400	2	X	X	X
	26								
D	320201	RO	CALC	340900	6284400	2	X	X	X
	26								
D	320202	RO	CALC	341000	6284400	2	X	X	X
	24								
D	320203	RO	CALC	341100	6284400	4	X	X	X
	24								
D	320204	RO	CALC	341200	6284400	2	X	X	X
	15								
D	320205	RO	CALC	341300	6284400	1	X	X	X
	13								
D	320206	RO	CALC	341400	6284400	1	X	X	X
	14								
D	320207	RO	CALC	341500	6284400	2	X	X	X
	15								
D	320208	RO	CALC	341600	6284400	2	X	X	X
	18								
D	320209	RO	CALC	341700	6284400	2	X	X	X
	16								
D	320210	RO	CALC	341800	6284400	3	X	X	X
	22								
D	320211	RO	CALC	341900	6284400	2	X	X	X
	23								
D	320212	RO	CALC	342000	6284400	3	X	X	X
	19								
D	320213	RO	CALC	342100	6284400	3	X	X	X
	22								
D	320214	RO	CALC	342200	6284400	3	X	X	X
	19								
D	320215	RO	CALC	335500	6277300	4	X	X	X
	37								
D	320216	RO	CALC	335600	6277300	3	X	X	X
	28								
D	320217	RO	CALC	335700	6277300	3	X	X	X
	28								
D	320218	RO	CALC	335800	6277300	2	X	X	X
	17								
D	320219	RO	CALC	335900	6277300	2	X	X	X
	43								
D	320220	RO	CALC	336000	6277300	3	X	X	X
	31								
D	320221	RO	CALC	336100	6277300	5	X	X	X
	21								
D	320222	RO	CALC	336200	6277300	2	X	X	X
	21								

D	320223 26	RO	CALC	336300	6277300	3	X	X	X
D	320224 25	RO	CALC	336400	6277300	1	X	X	X
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D	320227 13	RO	CALC	336700	6277300	4	X	X	X
D	320228 19	RO	CALC	336800	6277300	4	X	X	X
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D	320231 25	RO	CALC	337100	6277300	2	X	X	X
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D	320243 40	RO	CALC	336100	6276900	3	X	X	X
D	320244 34	RO	CALC	336000	6276900	2	X	X	X
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	20								
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	32								
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D	320280 23	RO	CALC	338200	6277300	3	X	X	X
D	320281 2	RO	CALC	338300	6277300	X	X	X	X
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D	320329 16	RO	CALC	338500	6280400	X	X	X	X
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D	320387	21	RO	CALC	339000	6279200	2	X	14	X
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	15								
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	111								
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	45								
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	46								
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	38								
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	51								
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	X								

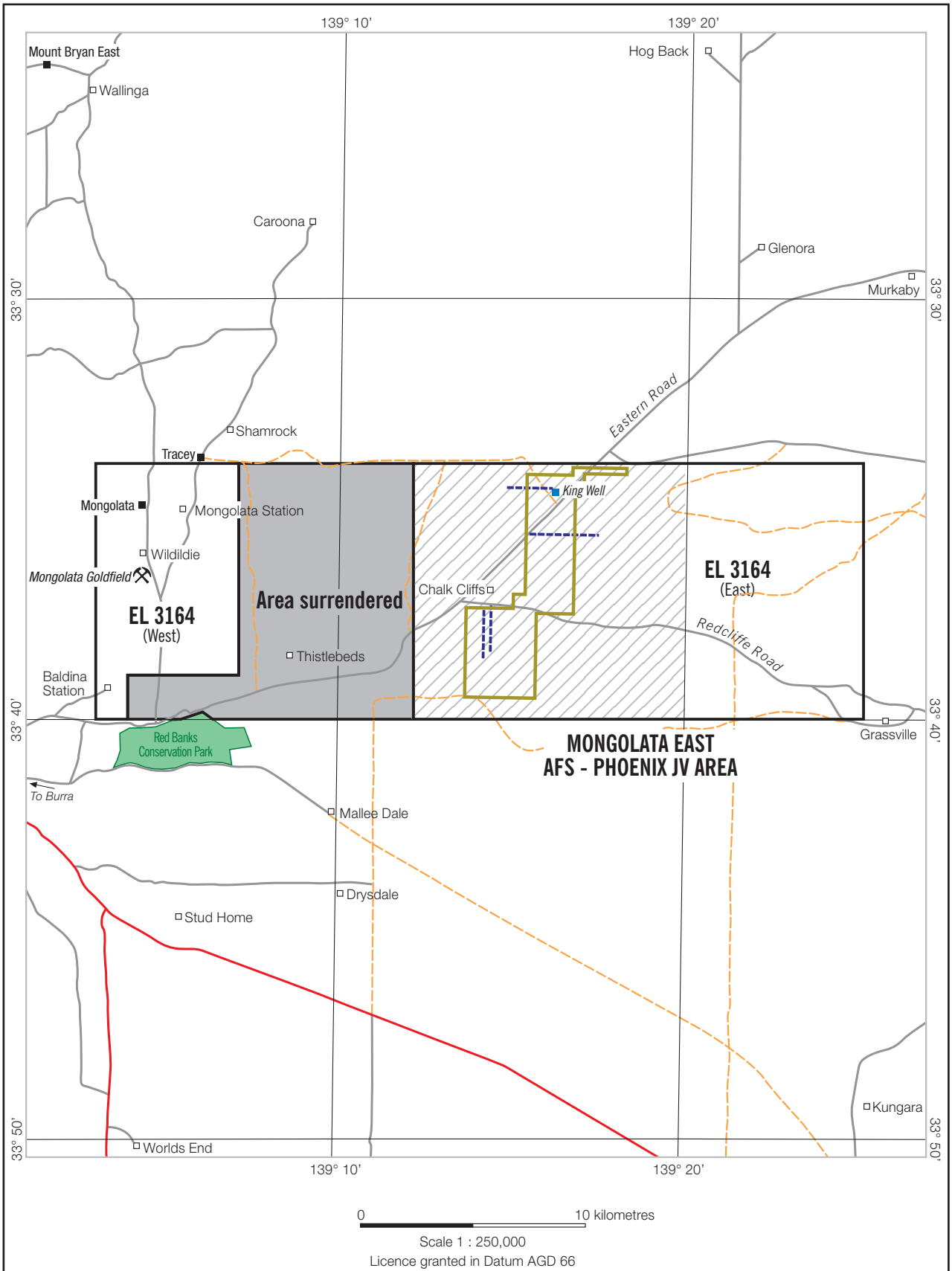
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	X									
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D	36006	RO	CALC	336600	6274600	5	X	X	X	42
	X									
D	36007	RO	CALC	336500	6274600	2	X	X	X	47
	X									
D	36008	RO	CALC	337200	6275400	18	X	X	X	54
	X									
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	X									
D	36010	RO	CALC	337400	6275400	6	X	X	X	17
	X									
D	36011	RO	CALC	337500	6275400	3	X	X	X	31
	X									
D	36012	RO	CALC	337600	6275400	8	X	X	X	16
	2									
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	X									
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	X									
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	X									
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	X									
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	X									
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	X									
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	X									
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	X									
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	X									
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	X									
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	X									
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	X									

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	X									
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	X									
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	X									
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	X									
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	X									
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	2									
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	X									
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	25									
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	22									
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	23									

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	23								
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	28								
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	12								
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	26								
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	10								
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	26								
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	28								

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	26							
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	26							
D	189285	RO	CALC	340000	6283000	2	11	X
	28							
D	189286	RO	CALC	337800	6282000	1	X	X
	14							
D	189287	RO	CALC	337900	6282000	2	X	X
	12							
D	189288	RO	CALC	338000	6282000	2	X	X
	12							
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	16							
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	16							
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	14							
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	16							
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	22							
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	22							
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	20							
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	26							
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	21							
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	18							
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	28							
D	189311	RO	CALC	336200	6277100	2	X	X
	28							
D	189312	RO	CALC	336200	6277200	2	11	X
	24							
D	189313	RO	CALC	336200	6277300	2	X	X
	22							
D	189315	RO	CALC	336200	6277700	4	12	X
	34							

FIGURES:



0 10 kilometres

Scale 1 : 250,000

Licence granted in Datum AGD 66

Legend

- Chalk Cliffs - Kings Well Prospecting Map
- Area of calcrete geochemistry
- Location DDIP traverse
- Major road
- Road
- Track

SOUTH AUSTRALIA

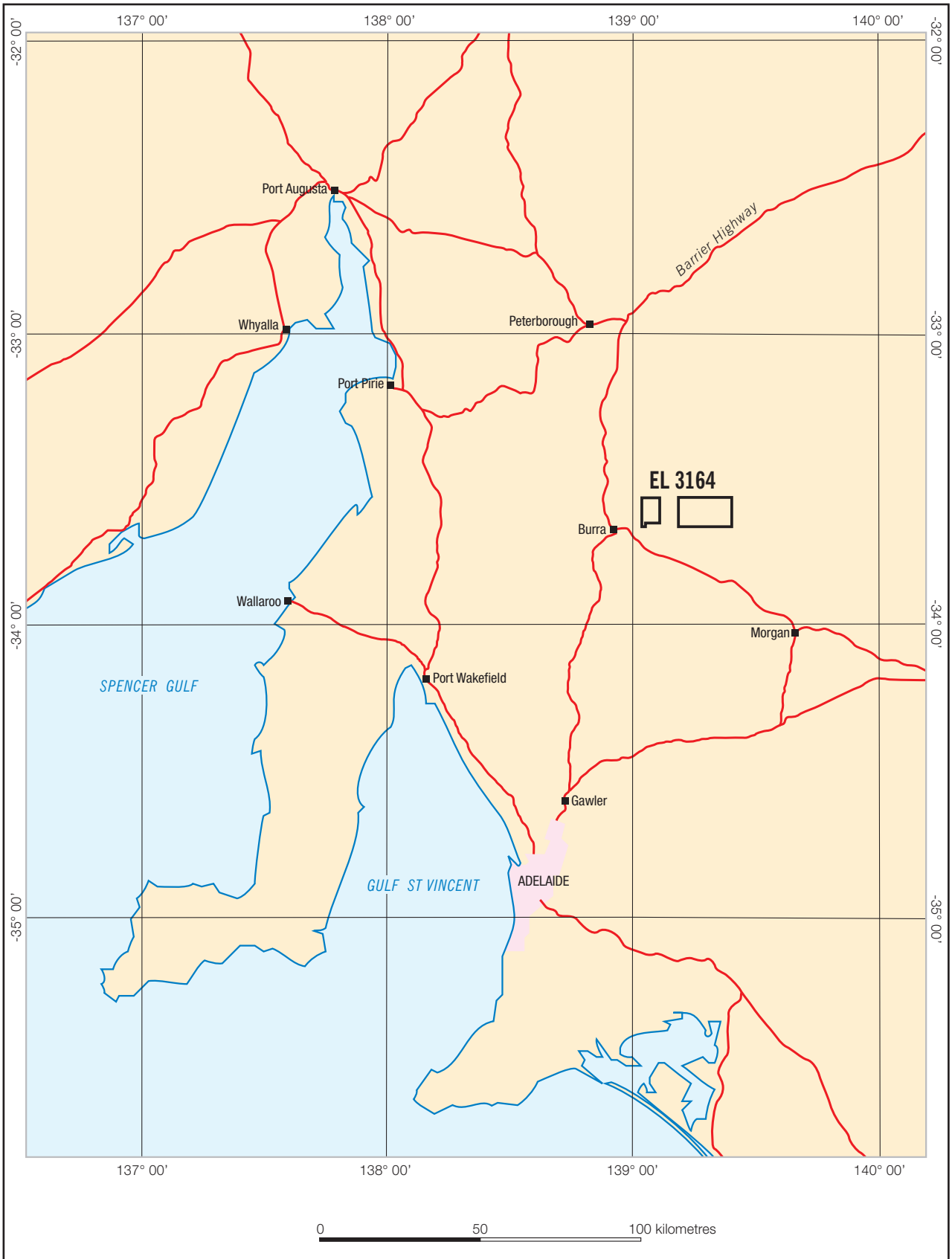
Mongolata East (part - EL 3164)

Exploration Index Map

April 2009

Figure 1

File No Mongo 04



SOUTH AUSTRALIA

EL 3164

Locality Map

April 2009

Figure 2

File No Mongo 04

335,000m E
340,000m E
345,000m E
6,285,000m N
6,280,000m N
6,275,000m N
139° 12' E
33° 34' S
33° 40' S

AREA "A"
AREA "B"
AREA "C"
MG 01
REPTEM SURVEY
EASTERN ROAD
INFERRED MAJOR FAULT ZONE
REDCLIFFE ROAD
Chalk Cliffs (ruin)
King Well
K1 altered carbonate
K2 carbonate
K3 diorite
FLO-RC1 marble
FLO-RC2 quartzite/dolorite
K4 altered carbonate
K5 quartzite
K6 black slate
Hole ME 29 60ppb Au
Zone with hydrothermal alteration

GN (GDA94)
TN
MN
8°

LEGEND

1 Outcrop stratigraphy (pre-Quaternary) after Preiss (2002, 2006)

- Tertiary silcrete
- Cambro–Ordovician granite

Neoproterozoic (Adelaidean)

- Grampus Quartzite
- Ketchowla Siltstone
- Pepuarta Tillite
- Cox Sandstone Member
- Tarcowie Siltstone
- Tapley Hill Formation
- Appila Tillite
- Vein quartz
- Bedding
- Homestead
- Road
- Minor road
- Track
- Shaft

2 Open file data

Dampier Mining (1978)

- K6 Rotary drillhole (bottom-hole rock-type)
- IP traverse with IP anomaly (weak, strong)

Marathon Resources (2006)

- Elevated Au-in-calcrete (ppb)
- Elevated Cu-in-calcrete (ppb)
- Residual gravity low

3 Current AFS programme

- REPTEM conductivity high (2007)
- Auger drillhole line (2008)
- DDIP traverse (2008)
- Calcrete sample traverse (2008) with Au (ppb) anomaly (>6ppb)

Area of this map

EL 3164 (East)

0 500 1000 2000 metres

Scale 1 : 25,000
Datum GDA 94

AUSTRALIAN FIELD SERVICES PTY LTD

SOUTH AUSTRALIA

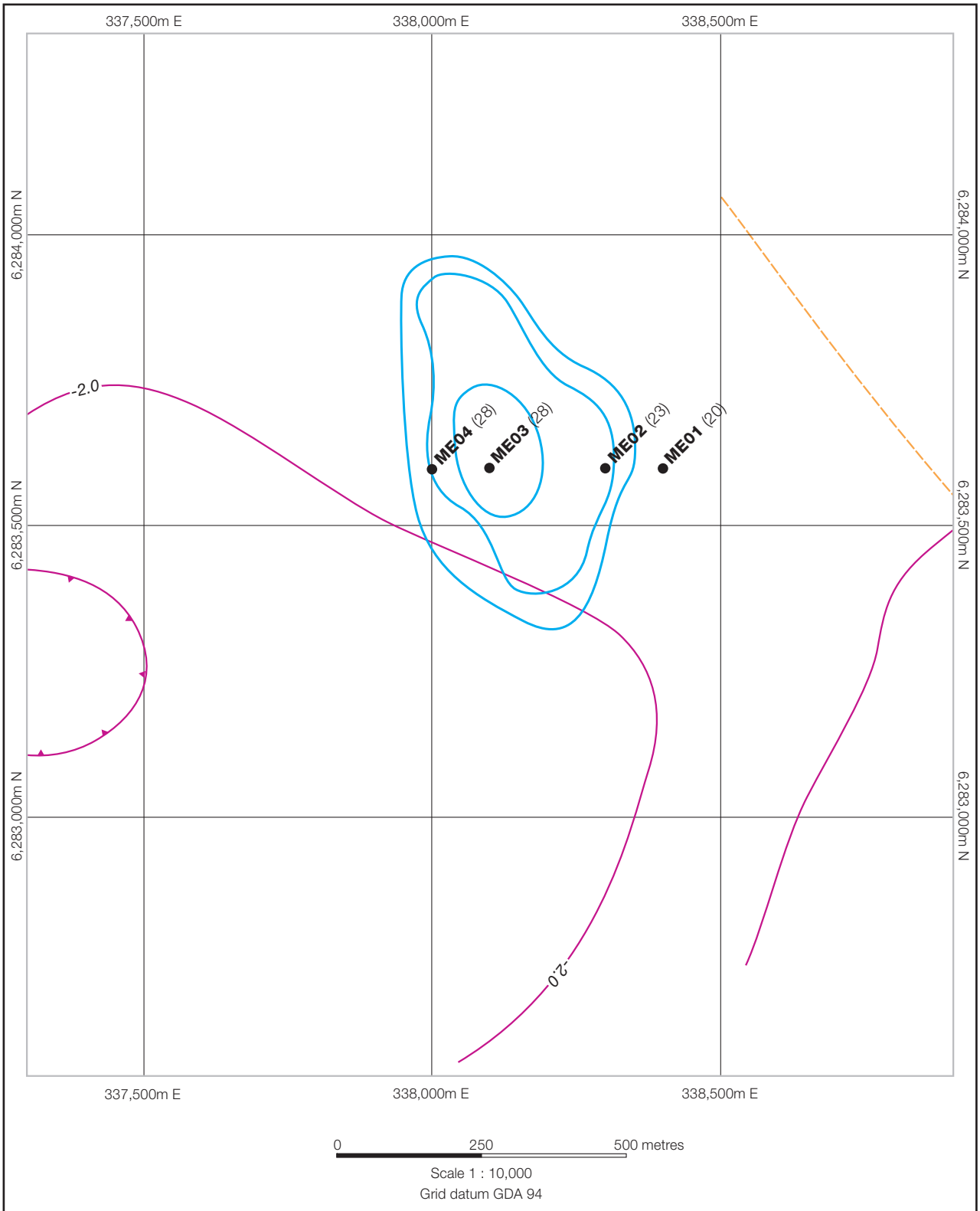
EL 3164 MONGOLATA EAST

CHALK CLIFFS – KING WELL PROSPECTING MAP

Author: Ian Freytag - April 2008
updated April 2009

Figure 3

File No Mongo 05



Legend

- Station track access
- Bouger gravity contour (mgls) (Marathon Resources, 2006)
- REPTEM conductivity high (AFS 2007)
- ● C Auger drill hole (2008) showing total depth in metres

SOUTH AUSTRALIA

EL 3164

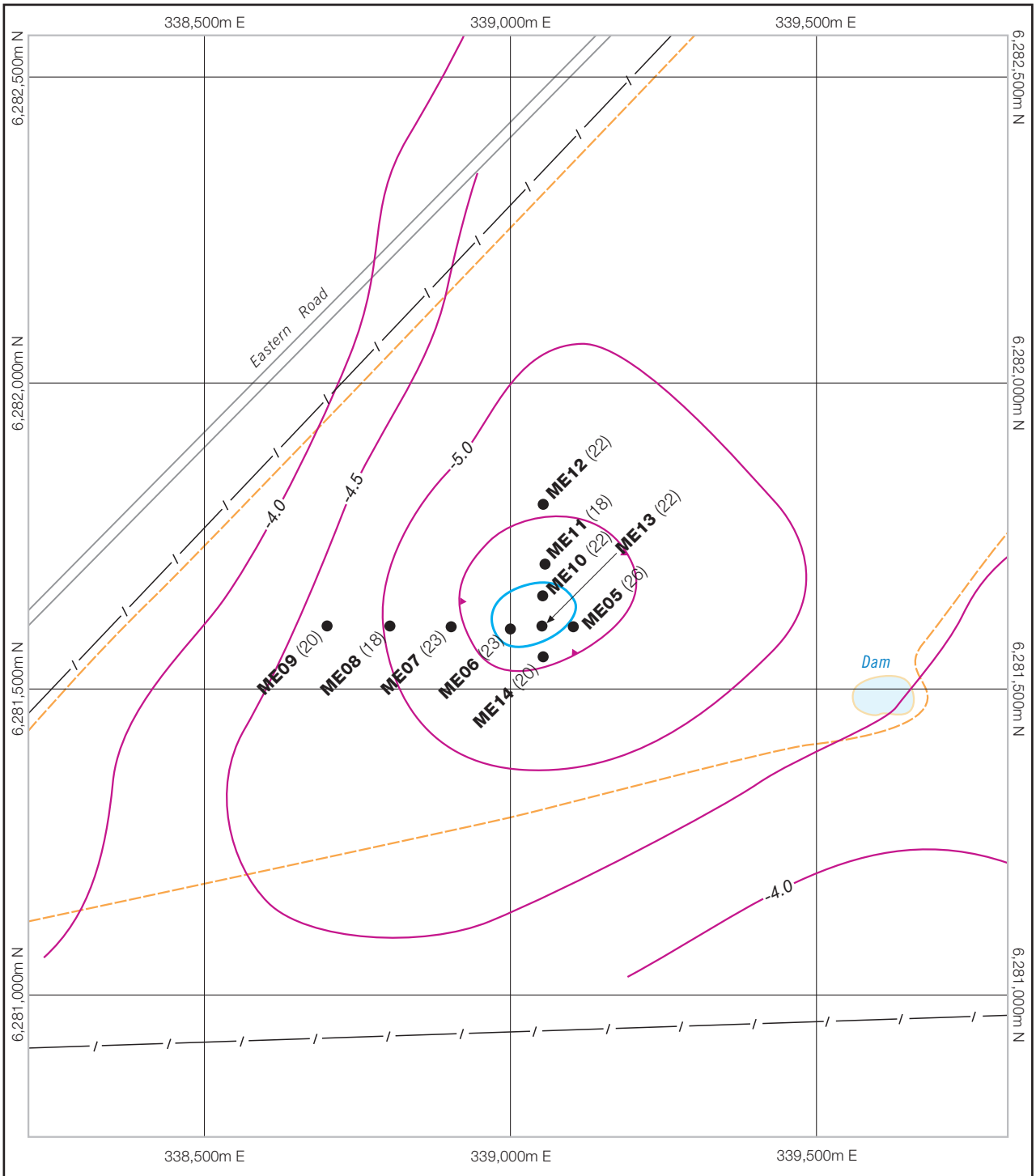
Area A (Quinns)

Weathered bedrock/calcrete auger sampling

April 2008

Figure 4

File No Mongo 02



Scale 1 : 10,000
Grid datum GDA 94

Legend

- Station track access
- Boundary fence
- Bouger gravity contour (mgls) (Marathon Resources, 2006)
- REPTEM conductivity high (AFS 2007)
- **ME12** (4) Auger drill hole (2008) showing total depth in metres

SOUTH AUSTRALIA

EL 3164

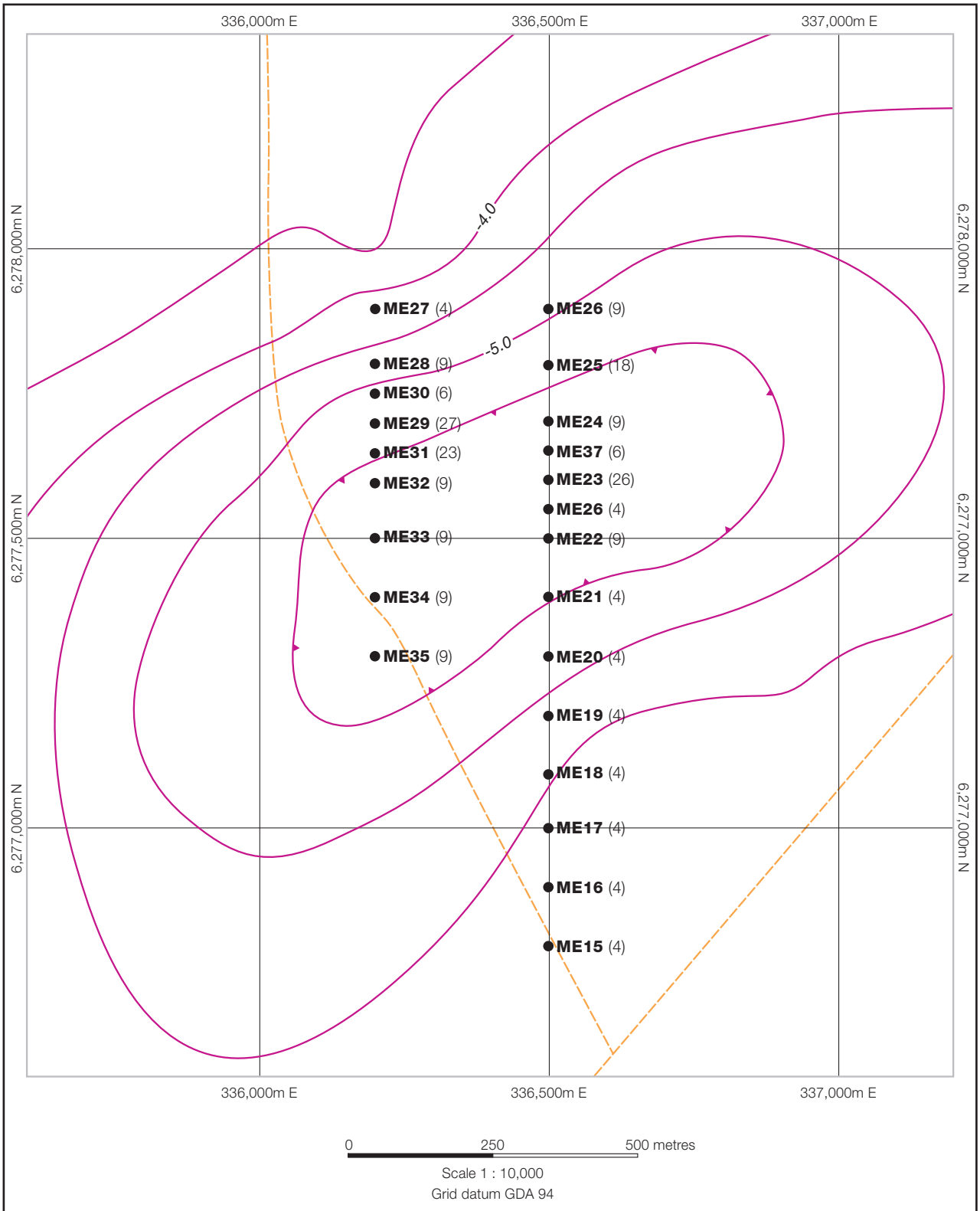
Area B (Koomooloo)

Weathered bedrock/calcrete auger sampling

April 2008

Figure 5

File No Mongo 02



Scale 1 : 10,000
Grid datum GDA 94

Legend

- Station track access
- Bouger gravity contour (mgls) (Marathon Resources, 2006)
- **ME15** (4) Auger drill hole (2008) showing total depth in metres

SOUTH AUSTRALIA
EL 3164

Area C (Chalk Cliffs)

Weathered bedrock/calcrete auger sampling

April 2008

Figure 6

File No Mongo 02

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EXPLORATION LICENCE 3164 'Mongolata'

FINAL ANNUAL TECHNICAL REPORT

For the period 13th February 2008 to 12th February 2009

Phoenix Copper Limited
Burra

March 2009

1:250,000 map sheet Burra SI 54-5

1:100,000 map sheet Florieton 6730

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Figure 17 Mongolata Gradient Array Total Chargeability m.sec SW 26
Figure 18 Mongolata Gradient Array Apparent Resistivity ohm.metres SE 27
Figure 19 Mongolata Gradient Array Total Chargeability Cht SE 27

Appendices

1.	Grid Niton Soil Locations Listing	Data On CD only
2.	Grid Rock Chip Locations Listing	43
3.	Geochemical Results	Data On CD only
4.	Geophysical Data IP	Data On CD only

ATTACHMENTS

1. EL3164_2008_2009_AR_01_ReportBody.pdf
2. EL3164_2008_2009_AR_02_SurfaceGeochem_NitonSoils.txt
3. EL3164_2008_2009_AR_03_SurfaceGeochem_ RockChips.txt
4. EL3164_2008_2009_AR_04_Geophysics_IP on CD
5. EL3164_2008_2009_AR_05_ FileListing.txt
6. EL3164_2008_2009_Report CD

SUMMARY

EL 3164 "Mongolata" was granted to Bonanza Gold Pty Ltd in Feb 2004. The tenement was vended into the float of Marathon Resources Limited who assumed management of the tenement upon listing in March 2005.

Marathon undertook a search for commercial porphyry copper-gold mineralisation on the licence throughout 2005, 2006 and again in this period 2007 with a six-hole Reverse-Circulation (RC) drill program designed to test a trend between anomalous base metals in the soils and previously identified magnetic and gravitational anomalism.

The central portion of the tenement was relinquished in 2006 leaving a western and an eastern portion. The eastern portion was subsequently joint ventured out to Australian Field Services Pty Ltd (AFS) in October 2007.

On the 9th November 2007 Marathon sold the entire tenement to Phoenix Copper who have subsequently became the project's manager. The sale was conditional on the issue of 750,000 shares and 750,000 options on completion and on agreement to a 2.5% net smelter return on minerals derived from the tenements acquired.

Phoenix subsequently listed on the 12th February 2008 and undertook exploration in its own right on the western portion and during the period

- 72 rock chip samples were taken and
- 837 Niton geochemical analyses were collected.
- an IP survey was undertaken

- This work highlighted a significant coincidental copper, arsenic and gold geochemical anomaly that a diamond drilling program is being planned to test in the coming year.

Phoenix also assumed Marathon's interest in the eastern portion where AFS continue to operate and report to the Mines Department separately. In brief JV partner Australian Field Services Pty Ltd undertook the following exploration on the eastern block of the licence area:

- 37 auger bedrock samples were analysed for Au, AG, AS, bi and Cu
- 4 DDIP traverse totalling 5.85 line km, 424 data points
- Calcrete sampling survey – 732 samples analysed for Au, Ag, As, Bi, Cu and Sb

Expenditure by AFS for the period $76,380

1. INTRODUCTION

EL 3164 is located some 15 kilometres east of Burra. It covers an area of 377 square kilometres of generally flat to hilly pastoral country with good ground access. It is well- placed logistically, with bitumen roads along the western boundary and fully formed gravel roads throughout the tenement.

Exploration in the area has focused on the search for large porphyry copper-gold deposits

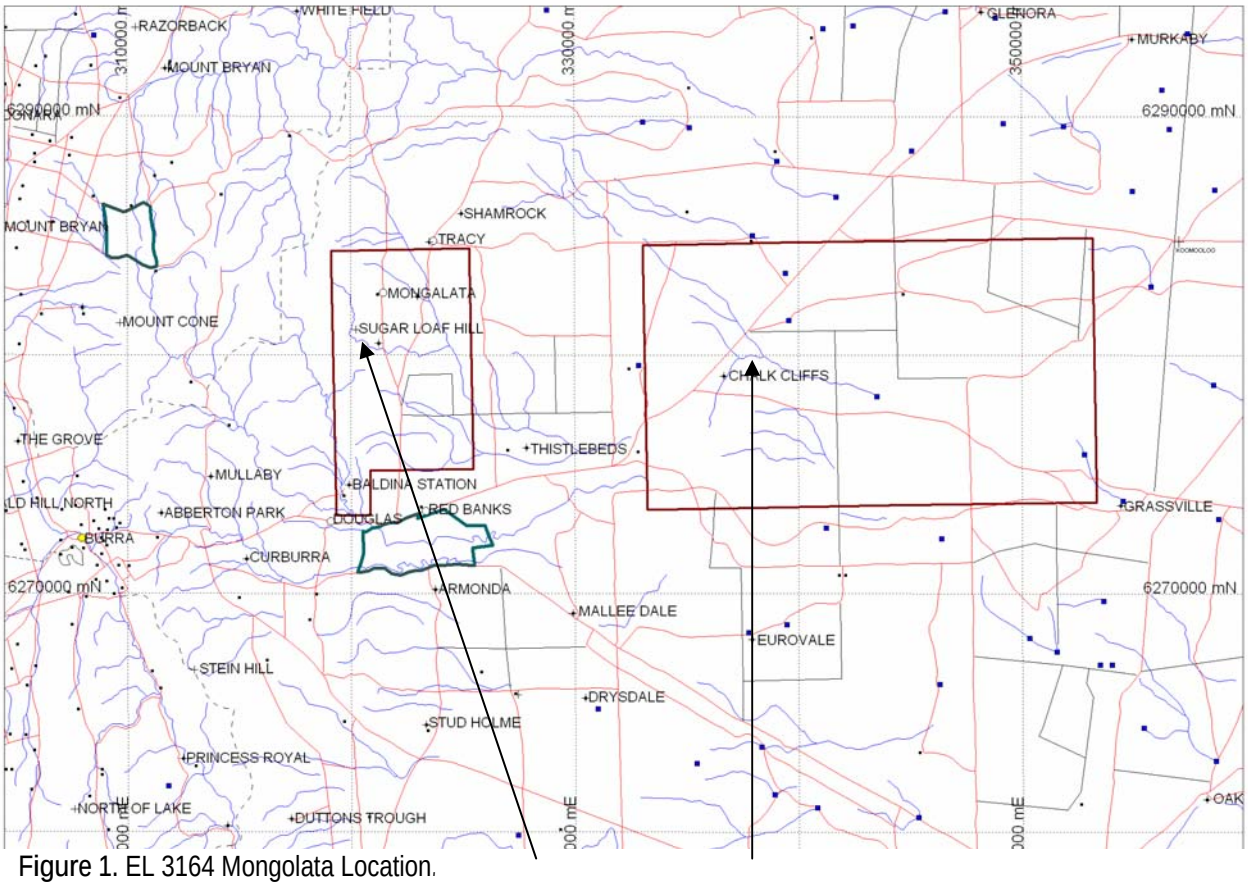


Figure 1. EL 3164 Mongolata Location.

2. TENURE

EL 3164 "Mongolata" was granted to Bonanza Gold Pty Ltd effective from 13th February 2004. Marathon became manager of the project on listing in March 2005 when Bonanza became a wholly owned subsidiary.

On 9th February 2006 a transfer of 100% interest in the tenement from Bonanza to Marathon was approved by PIRSA. Marathon was the manager of the project.

On 8th October 2007 a joint venture was entered into over part of the tenement with Australian Field Services Pty Ltd prior to Marathon selling the tenement to Phoenix Copper on the 9th November 2007 who subsequently became the project's manager.

2.1 Joint Venture with Australian Field Services Pty Ltd

By letter dated 8 October 2007, Marathon Resources entered into a joint venture with AFS in respect of the Eastern Portion of EL 3164 (Joint Venture).

Under the terms of the Joint Venture, AFS will earn a 90% interest in the Joint Venture by spending $180,000 within three years, of which $60,000 must be spent within the first year.

Marathon Resources will have a 10% free carried interest up to any decision to mine made in respect of the Eastern Portion of EL 3164 following a feasibility study.

Marathon Resources will have the option of buying back a 65% interest in the Joint Venture by reimbursing AFS three times its Joint Venture expenditure from commencement of the Joint Venture to such time as AFS has spent $180,000.

AFS will be the manager of the Joint Venture and will be responsible for the design and execution of exploration programs while it is the sole contributor to Joint Venture expenditure and thereafter if and for so long as its Joint Venture interest is 51% or more.

Each party has the right to withdraw from the Joint Venture but AFS may only exercise it's right to withdraw after spending a minimum of $60,000 on Joint Venture expenditure in the first 12 months.

By a Deed of Assignment, Assumption and Variation dated 9 November 2007 between Phoenix Copper, Marathon Resources and AFS (DAAV), Marathon Resources assigned all of its right, title and interest in the Joint Venture to Phoenix Copper, to take effect from the date of completion of the sale and purchase under the MRTAA (Assignment Date).

AFS has consented to the assignment to Phoenix Copper and has irrevocably waived any pre-emptive rights it may have had under the Joint Venture.

Under the DAAV, Phoenix Copper has granted an option to AFS to purchase Phoenix Copper's right, title and interest in the Joint Venture upon payment of $60,000. This option may be exercised by AFS during the period 6 months from the Admission Date until 5.00pm on the later of 15 January 2009 and the first anniversary of the Admission Date.

Phoenix Copper has agreed to the deletion of the option to buy back a 65% interest in the Joint Venture.

3. NATIVE TITLE

The Mongolata area is not subject to Native Title claims at this stage.

4. GEOLOGY

4.1 Geology

The Mongolata property is located east of Burra and stretches from the hills formed by the Adelaidean Umberatana Group sediments out onto the flats of marginal Murray Basin sediments

4.2 Structure

Structurally, the deposit is situated on the east limb of an anticline plunging gently to the north. The Princess Royal Mine is also hosted within an anticlinal fold structure. The Burra lodes are bounded by two steep east-dipping fault zones, the Kingston Fault to the west and the Tinline Fault to the east. Both faults strike approximately NNW, and are interpreted to be splays from the regional Kooringa Fault which flexes to the west immediately south of Burra. The Kingston's Fault occurs at the contact between the ore shales and the marble breccias and marks the sharp western edge of the copper orebodies. The fault is recognized by its smooth, white, east-dipping surface. Tinline's Fault is a thin, hard-to-detect fracture within the massive grey dolomites on the east side of the quarry.

These three faults and their positions are poorly defined, although in the open pit they are evidently less than 100 metres apart. Gross movement on both the Kingston's and Tinline's faults is recorded as east-side down.

4.3 Physiography

The topography is very gently undulating and open, vegetation is dominantly salt bush & blue bush.

4.4 Regolith

While the calcrete is widely present throughout area, it is often concealed under a layer of sand, thick enough to prevent it from being reachable with basic digging tools. When outcropping, the calcrete appears submassive, with bedding variably distinctive. When buried underground it then evolves into nodular/colloform shapes toward the surface, before turning into pisolitic form. Independent pisoliths decrease in size closer to the surface.

Even where the massive calcrete is not outcropping through the sand, some floating fragments and pisoliths can frequently be found on the surface. When these fragments and pisoliths could be clearly identified (rabbit holes, tree roots) as not having been transported from another place.

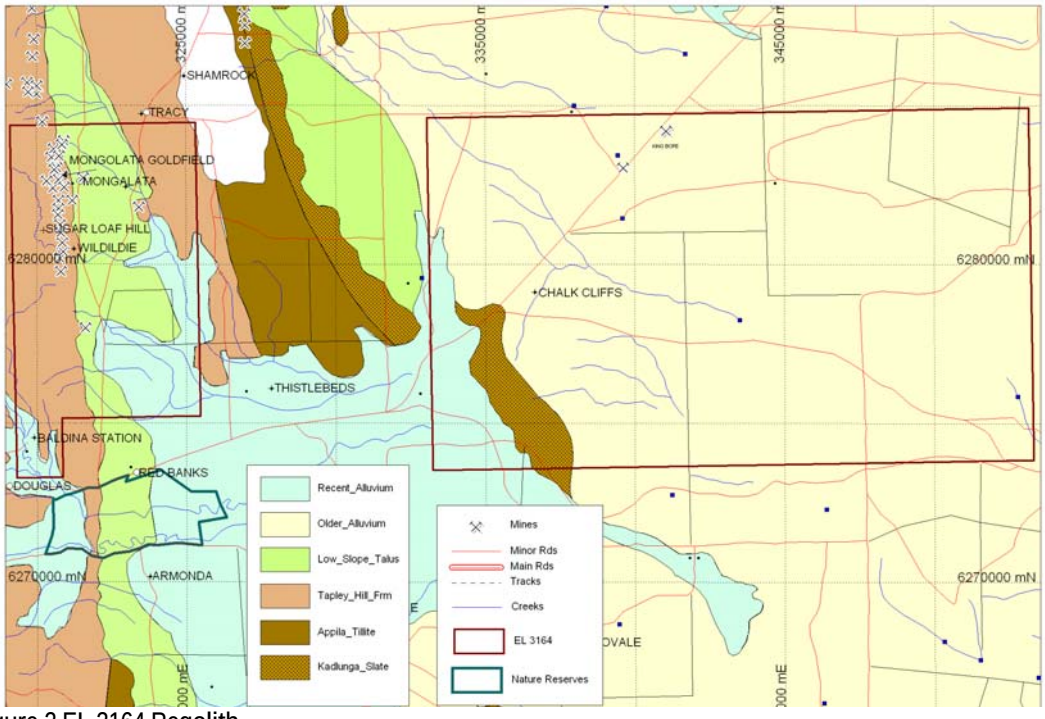


Figure 2 EL 3164 Regolith

4.5 Mineralisation

The main mineralisation style within EL3164 is hosted on the interface between the Cox Sandstone and the underlying siltstones, this zone is characterised by the "Limonite lode". The is no primary gold mineralisation which outcrops, but at depth (from historical mine reports), there are reports of a quartz pyrite assemblage hosted within the Cox Sandstone. (Plimer, 1977)
Outcropping veins which be mined extensively through the area are characterised by a limonite, carbonate +/- Gold, hematite and quartz assemblage. These veins occur to a degree within most stratigraphical units in the tenement as bedding parallel, flat lying and cross-cutting.

Legend for Regional Geology Plan Figure 3 below.

Mongolata District Regional Geology Legend		
MAP UNIT	NAME	STRATIGRAPHIC DESCRIPTION
Quaternary		
Qa		Undifferentiated Quaternary alluvial/fluvial sediments
Qe		Undifferentiated Quaternary aeolian sediments
Tertiary		
TE Qr1		Alluvial, Colluvial, Regolithic Clastics , Silicified, Ferruginised
Ordovician		
EOd		Undifferentiated Delamerian igneous rocks; contains named units.
Neoproterozoic - Sturtian		
Nx	Warrina Supergroup	Quartzite; dolomite; sandstone; shale; slate; conglomerate; siltstone; volcanics; marble.
Nz	Heysen Supergroup	Sandstone, Siltstone, Shale, Tillite, Conglomerate, Limestone & Calcsilicate

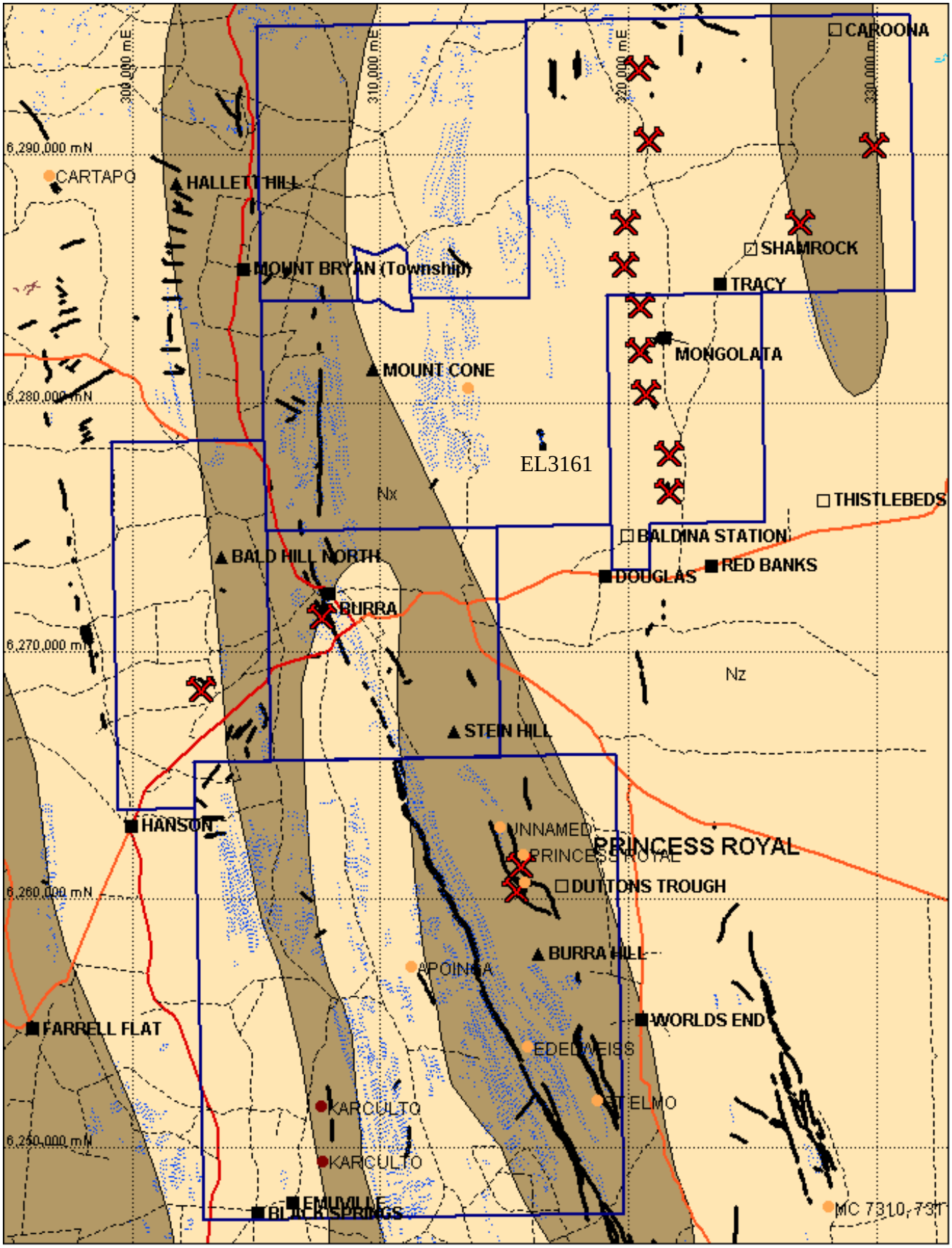


Figure 3 EL 3164 Regional Geology

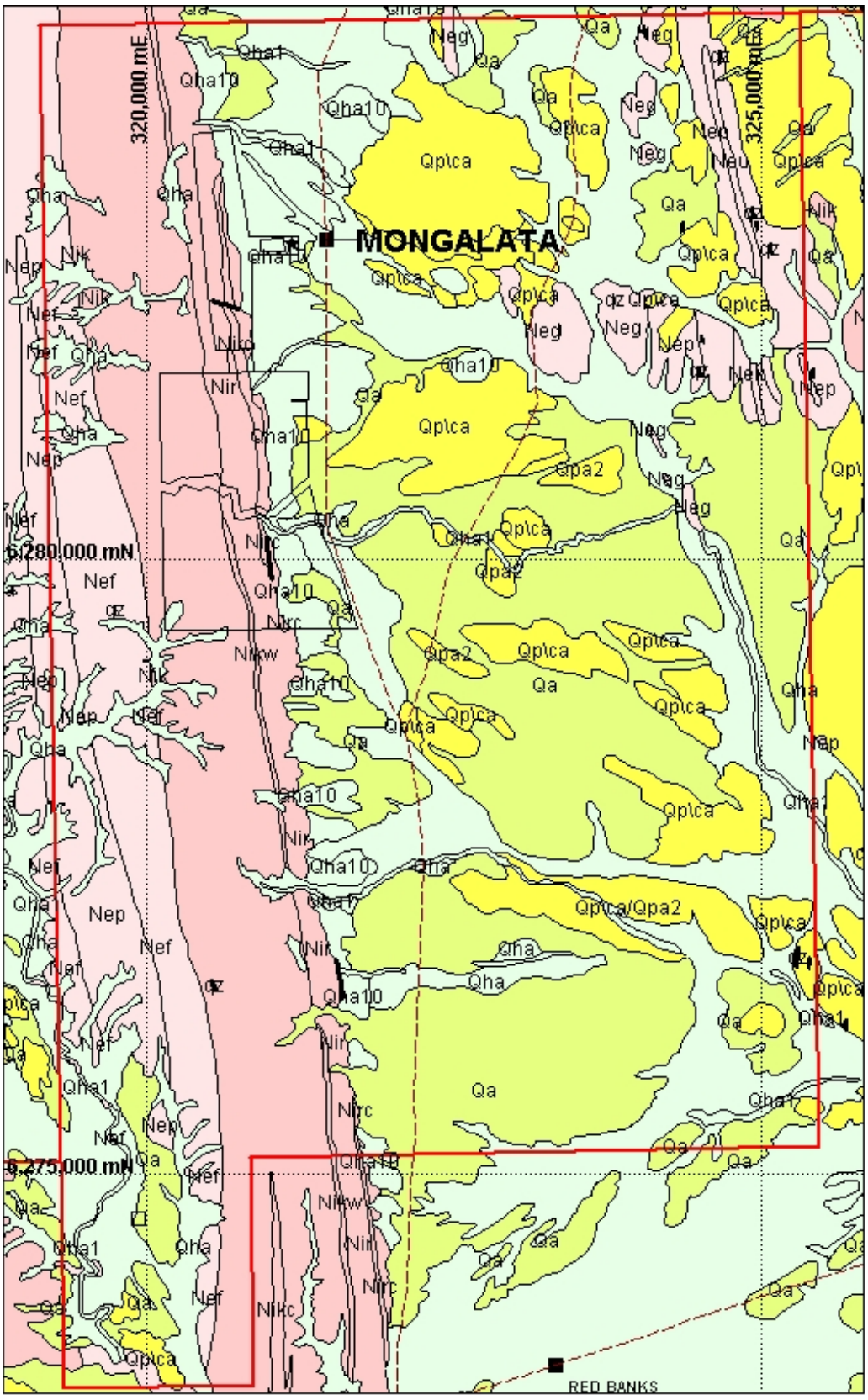


Figure 4 EL 3164 Surface Geology

Phoenix Copper Ltd. Geological Legend for Mongolata		
Map Unit/ Age	Stratigraphic Name	Stratigraphic Description
Quarternary		
Q		Undifferentiated Quaternary rocks
Qa		Undifferentiated Quaternary alluvial/fluvial sediments
Qha		Undifferentiated Holocene alluvial/fluvial sediments
Qha1		Present day Holocene alluvium; current bedload.
Qha2		Holocene alluvium slightly older than present day alluvium (Qha1); commonly in terraces adjacent to main channel
Qha10		Holocene high to low angle slope deposits. Based on Qrt (plain) on ORROROO; colluvium and alluvium, gravelly near source.
Qhe4		Holocene gypsiferous dunes/lunettes
Qhe6		Holocene clay/silt lunettes adjacent to lagoons.
Qhl3		Holocene claypan and lagoonal sediments.
Qp\ca		Undifferentiated Pleistocene calcrete
Qp\fe		Undifferentiated Pleistocene ferricrete/ferruginous rocks
Qpa2		Pleistocene gypcreted/carbonate-cemented gravel.
Qpah	Hindmarsh Clay	Consolidated mottled clay and sandy clay with sand and gravel lenses, aeolian sand, gypseous and pelletal clay dunes and calcareous palaeosols. Alluvial and colluvial red-brown sandy clay with sand and gravel beds.
Qpap	Pooraka Formation	Clay, sand and carbonate earth, silty, with gravel lenses.
Qpl3		Pleistocene laminated lacustrine brown, grey, greenish clay.
Tertiary		
T\si		Undifferentiated Tertiary silcrete
Tmp1		Miocene to Pliocene ferruginous pebbly grit, conglomerate, fine sandstone.
TpQlb	Blanchetown Clay	Clay, green-grey, sandy; limestone, thin; & quartz sand; clay, green-grey, mottled, sandy.
TQa1		Tertiary to Pleistocene auriferous conglomerate, Mittopitta.
Cambrian/Ordovician		
EOd22		Leucogranite, non-magnetic, Newikie 1:50 000 sheet.
Neo-Proterozoic		
Nd	Bungarider Subgroup	Shale; quartzite; siltstone; dolomite; sandstone; slate
Nds	Saddleworth Formation	Mudstone; siltstone; shale, partly carbonaceous.
Nds1		Sandstone, fine to medium-grained .
Ndsa	Auburn Dolomite	Dolomite
Ndsw	Watervale Sandstone	Sandstone and quartzite, mostly medium-grained, feldspathic; sandy shale and siltstone; dolomitic sandstone and dolomite near top and base.
Ndu	Undalya Quartzite	Quartzite, white to cream, medium-grained, well bedded, feldspathic; interbeds of sandy, carbonaceous and pyritic shale.
Ndw	Woolshed Flat Shale	Shale, black; dolomitic siltstone; dolomite; grey laminated siltstone.
Ndw1		Sandstone, fine-medium grained, interbeds.
Ne	Yerelina Subgroup	Siltstone; sandstone; diamictite.
Nef	Fortress Hill Formation	Siltstone, gritty; dolomitic lenses, and cobbles.
Neg	Grampus Quartzite	Quartzite, arenaceous, with conglomerate lenses.
Nek	Ketchowla Siltstone	Siltstone, grey and grey-green siltstone, calcareous, laminated, scattered quartz granules, isolated dropstones.
Nep	Pepuarta Tillite	Siltstone and sandy siltstone, sparse granule to boulder erratics, pale grey or greyish green, massive or bedded, often calcareous. Minor lenses and interbeds of massive and laminated calcareous sandy siltstone and calcareous sandstone.
Neu	Gumbowie Arkose	Sandstone, arkosic.
Ni	Upalinna Subgroup	Siltstone, reddish, thin bedded, pisolitic; sandstone, coarse to fine grained, flaser and lenticular bedding; limestone, algal, sandy in parts, intraclastic; dolomite, stromatolitic.
Nik	Waukaringa Siltstone	Siltstone, blue-grey, thin bands of limestone and calcareous siltstone.
Nik1		Limestone beds. Based blue unit in "Waukaringa Siltstone Member" on ORROROO
Nik2		Sandstone, fine-medium grained, interbeds.

Nikc	Caroona Siltstone	Siltstone, flaser and lenticular-bedded, grey-green, coarse-grained; a parallel-laminated, blue-grey siltstone interbed.
Nikw	Wildildie Sandstone	Sandstone, grey, massive, fine to medium-grained, rarely coarse-grained, with flaser bedding, calcareous.
Nir	Tarcowie Siltstone	Siltstone, sandy, flaser bedded.
Nir1		Sandstone, fine-medium grained, interbeds.
Nir2		Micritic limestone, locally stromatolitic or intraclastic, interbeds.
Nirc	Cox Sandstone	Sandstone, coarse-grained; sandstone medium to fine-grained, with siltstone.
Nit	Etina Formation	Limestone, sandy, grey, oolitic, stromatolitic, trough cross bedding; interbedded with siltstone, grey-green. Local diapir derived conglomerate.
Nk	Curdimurka Subgroup	Siltstone, dark grey, carbonaceous, lithic, pyritic, laminated, micaceous; sandstone, feldspathic, lithic, cross bedded, halite casts; dolomite, stromatolitic, cryptalgal laminated, brown to yellow weathering; limestone, stromatolitic
Nli	Mintaro Shale	Siltstone, with very rare pebbles of sandstone, quartzite and limestone.
Nli1		Sandstone interbeds.
Nli2		Dark grey silty dolomite interbeds.
Nlil	Leasingham Quartzite	Quartzite
Nms	Skillogalee Dolomite	Dolomite; marble, with magnesite mud-pellet conglomerates.
Nms1		Sandstone; dolomitic siltstone interbeds. Based on lower Skillogalee on ANDAMOOKA
Nms2		Dolomite, slate, quartzite, magnesite conglomerate. Upper Skillogalee ANDAMOOKA
Nms3		Quartzite, sandstone, silty shale, minor dolomite. Lower Skillogalee as on WARRINA
Nms4		Sandstone, conglomeratic dolomite, minor magnesite, chert. Based on middle member of Skillogalee as on WARRINA
Nms5		Conglomeratic dolomite, grey-black . Based upper Skillogalee on WARRINA
Nms6		Lower , typified by pale dolomite.
Nms7		Upper , typified by dark dolomite.
Nms8		Sandstone or quartzite interbeds. Based dotted unit Skillogalee Dolomite ORROROO
Nms9		Blue-grey, laminated limestone, siltstone, fine-grained sandstone, minor dolomite.
Nnt	Tapley Hill Formation	Siltstone, grey to black, dolomitic and pyritic grading upwards to calcareous, thinly laminated, locally cross-bedded; dolomite, grey, flaggy to massive; limestone conglomerate, intraformational; greywacke.
Nnt3		Sandstone, fine-medium, partly calcareous, interbeds.
Nnt4		Limestone, micritic and locally intraclastic, interbeds.
Nntt	Tindelpina Shale	Shale, pyritic, carbonaceous; thinly laminated grey dolomite beds and lenses.
Nntt2		Silty dolomite, very thinly laminated dark grey, flaggy, interbeds.
Nor	Rhynie Sandstone	Sandstone, coarse-grained, feldspathic, conglomeratic.
Nsn	Nuccaleena Formation	Dolomite, thin, laminated, micritic, with interbedded shale near the top.
Nss	Seacliff Sandstone	Quartzite; sandstone; siltstone.
Nsu	Ulupa Siltstone	Siltstone; shale, green-grey and purple.
Nu	Umberatana Group	Tillite; sandst; siltst; arkose; dolomite; quartzite; conglomerate; shale; greywacke.
Ny	Yudnamutana Subgroup	Diamictite; siltstone; pebbly dolomite; orthoquartzite. Glaciomarine.
Nya	Appila Tillite	Tillite; quartzite; siltstone. Massive, grey.
Nya1		Quartzite or sandstone interbeds.
Nya2		Dolomite, buff-weathering, silty, interbeds.
Nyw	Wilyerpa Formation	Siltstone, green. Lower third is fine grained, includes glacial dropstones; middle unit is medium to coarse sandstone; upper unit is siltstone with minor sandstone. Minor diamictite, sandy and pebbly dolomite.
Nyw2		Sandstone and quartzite, interbeds.
Nyw3		Dolomite, buff-weathering, interbeds.
Nyww	Warcowie Dolomite	Conglomerate, massive, well rounded pebble and boulder clasts, silty and sandy matrix; dolomite, massive to well bedded, grey and brown; breccia, dolomitic matrix.
Miscellaneous		
qz		Quartz veins/bodies, undifferentiated
mm		Man-made materials: for example fill, dumps, concrete.

5. PREVIOUS EXPLORATION

5.1 Marathon Resources

In 2007 Marathon completed a widespread soil and calcrete program which provided a base geochemical dataset to analyze.

- Geochemistry
  Following the orientation traverse testing calcrete and Mobile Metal Ions partial leach analytical and sampling techniques a regional sampling program was instigated using a triangular grid.

- Sampling Methodology
  Sampling coordinates were preset and located in the field using a GPS Garmin 72 with an accuracy of ±5m in MGA94, and any variations recorded each evening on a digital file.

  The survey was completed by two man crew using a tray top four wheel drive. All the sample bags were stored in plastic boxes during the samples collection, and packed each evening in large poly-weave bags for their transport to the laboratory.

- Calcrete sampling procedure
  Sampling pits were dug with a paintless steel shovel. Once the calcrete was reached, if massive, it was broken by means of a steel bar, and then the pieces were collected in a 5mm plastic sieve in order to clear away the sand, soil and organic fragments. The samples were gathered into numbered calico bags. Nominal sample weight was 500g. The calcrete was not sampled at a regular depth, but were it was reached, usually from ~10cm to ~70cm depth.

- MMI™ soil sampling procedure
  After digging an approximately 15cm deep pit with an even base, the samples were collected on this surface at a depth as regularly as possible, by means of a paintless pick and a plastic dust pan. They were then sieved through a 5mm plastic sieve into a plastic basin, and the passing fraction poured into numbered press-seal plastic bags, which were put in protecting referenced calico bags. Nominal sample weight was 250g. After each sample collection, the pick, pan, sieve and basin were brushed clean in order to avoid any cross-contamination. In the areas where calcrete was very close to the surface, the soil samples were taken between 5 and 15cm depth.

- Regional Triangular Grid Sampling
  The sampling sites were set out on a triangular grid, with an average spacing of 0.5km between each point and each line. An area of 72km^2 was covered, measuring 9km N-S and 8km E-W (Figure 3).

  An average ~40 sites per day were sampled for calcrete and soil samples using the above methodologies.

  Number of samples

	Samples	Field standards
Calcrete	286	5
MMI™	286	5

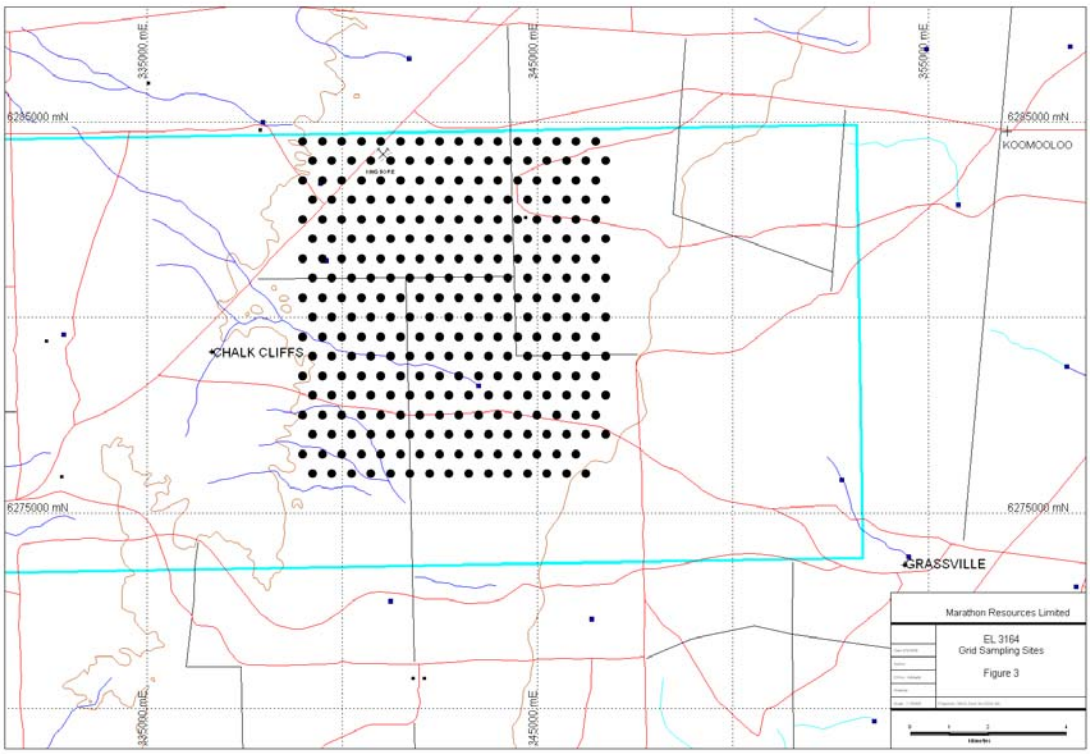


Figure 5 EL 3164 Grid Soil& Calcrete Sample Locations.

From this information Marathon identified a trend between anomalous base metals in the soils and previously identified magnetic and gravitational anomalism. This provided the impetus for a recently completed a six-hole RC drill program designed to test this trend at depth.

In December 2007 Marathon applied for and was granted funding to the level of $80,000 to carry out the drilling under the PACE Initiative – a drilling collaboration between PIRSA and the Industry.

In March/April of 2007, Marathon Resources completed a 6 hole, 2206m RC drill program to test a combined base metal soil and geophysical anomaly identified across its Mongolata tenement (EL 3164). The results from the drilling conclusively tested the basement below and adjacent to the anomalous trend with no economically significant mineralisation identified in the results.

Chemical anomalism within the calcite portion of the drill cuttings maintained a similar mobile element enrichment to that recognized in the initial soil data. Therefore, erosion, transportation and accumulation of mineralized material along (weakly evident) paleodrainage pathways rather that insitu leaching may explain the trend.

If the chemical anomalism is related to the basement gravitational and magnetic anomalism then the source must still be relatively proximal to the existing drill holes.

5.2 Phoenix Copper

Phoenix Copper floated on the Australian Stock Exchange on the 12th February 2008 and undertook exploration on the Western portion of EL 3164 in their own rite.

Australian Field Services have continued to undertake exploration on the Eastern portion of the tenement.

6. EXPLORATION DURING THE PERIOD

6.1 Geochemistry

Geochemical Sampling: 72 rock chips were taken and 837 Niton geochemical analyses were collected. (Please refer to Figures 6 - 14). AFS took 37 auger bedrock samples which they had analysed for Au, AG, AS, bi and Cu, and took 732 calcrete samples which were analysed for Au, Ag, As, Bi, Cu and Sb. These are repeated separately by AFS.

Rock Chip Sampling Methodology

Samples are collected by chipping off a piece of rock with a hammer and submitting about 2kg for analysis. The analytical method used was the same as that employed on the soil samples.

Niton Analysis

A first phase of soil sampling using the Niton XRF was completed on EL 3164 with 303 analyses having been taken. The soils were analysed for 34 elements; Molybdenum, Zircon, Strontium, Uranium, Rubidium, Thorium, Lead, Selenium, Bismuth, Arsenic, Mercury, Zinc, Tungsten, Copper, Nickel, Cobalt, Iron, Gold, Manganese, Chromium, Vanadium, Titanium, Scandium, Calcium, Potassium, Sulphur, Barium, Cesium, Tellurium, Antimony, Tin, Cadmium, Silver and Palladium.

This created an approximate 400m by 20m grid of analyses over the tenement and has highlighted areas of interest to be considered for infill soil sampling programs and as drill targets. The areas of interest are where analyses have returned copper, lead or zinc results, higher than (>) 40 parts per million (ppm) and / or anomalous levels of precious metals gold or silver > 0.03ppm.

The highlight of this initial soil sampling program on EL3164 was

1) A strong As/Cu anomaly trending North-South see figures 6 to 14.

A follow up, infill sampling program around these “hot spots” will be conducted, however, the first priority is to complete this initial soil sampling phase on all tenements.

The survey was completed by one man using a Niton XL3T X Ray Fluoresence Analyser. The sample point is identified on a Garmin CS60x which uses a Bluetooth connection to radio the coordinates to the Niton which stores that data as Latitude and Longitude.

The Niton is then calibrated against the shutter and then a set of 6 known standards are analysed and the results observed. If those results are within a range of about 15% from the mean then sampling continues if not the machine is calibrated again and the standards run again.

The site to be analysed is scuffed with a boot to expose soil and make the area flat so that the window is not damaged. The Niton is then placed on the ground and the shutter opened for 30seconds. X Rays are emitted and excited atoms in the soil give off electrons that are measured by the Niton. 100-300 analyses are taken a day and compiled on MapInfo at end of day.

Data Entry: Data was entered into MS Excel and MS Access. This information was then loaded into MapInfo for GIS referencing (Please refer to Figures 6 - 14).

Number of Samples

Geochemistry	Samples	Field Standards
Niton XRF analysis	837	
Rock Chip Sample	72	

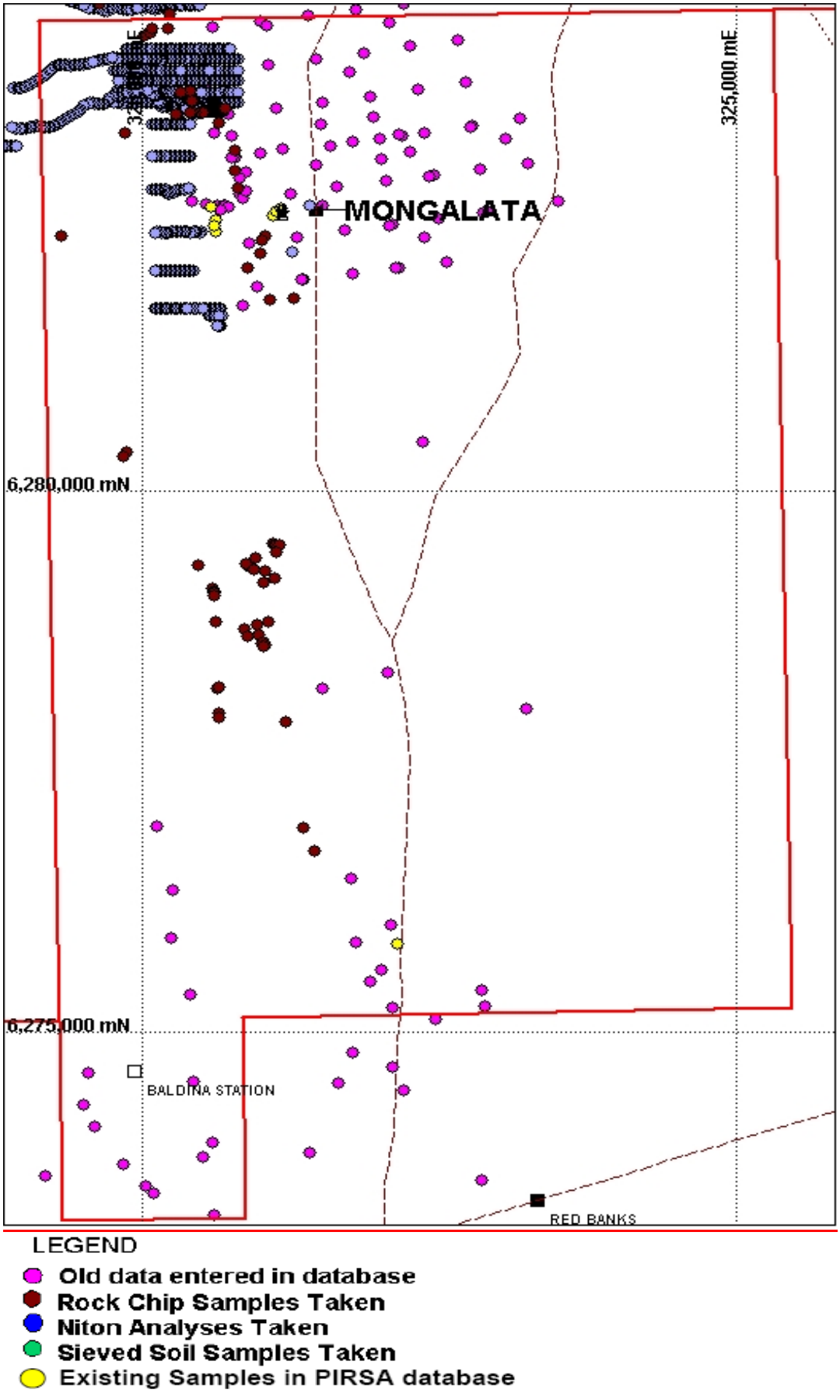


Figure 6 Summary of Geochemical Sampling undertaken on EL 3164 Feb 08 –Feb09

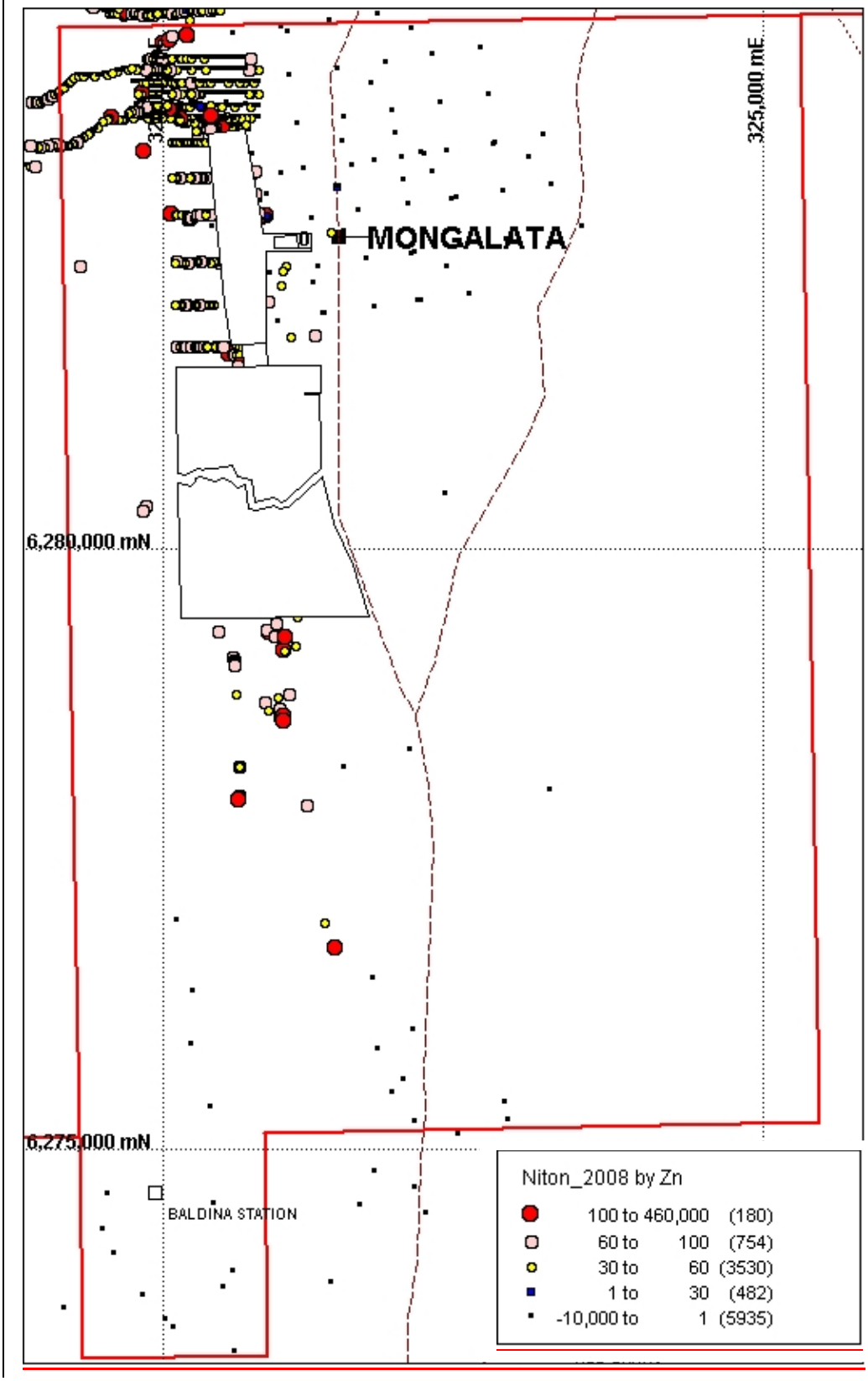


Figure 7 Geochemical Sampling contoured for Zn on EL 3164

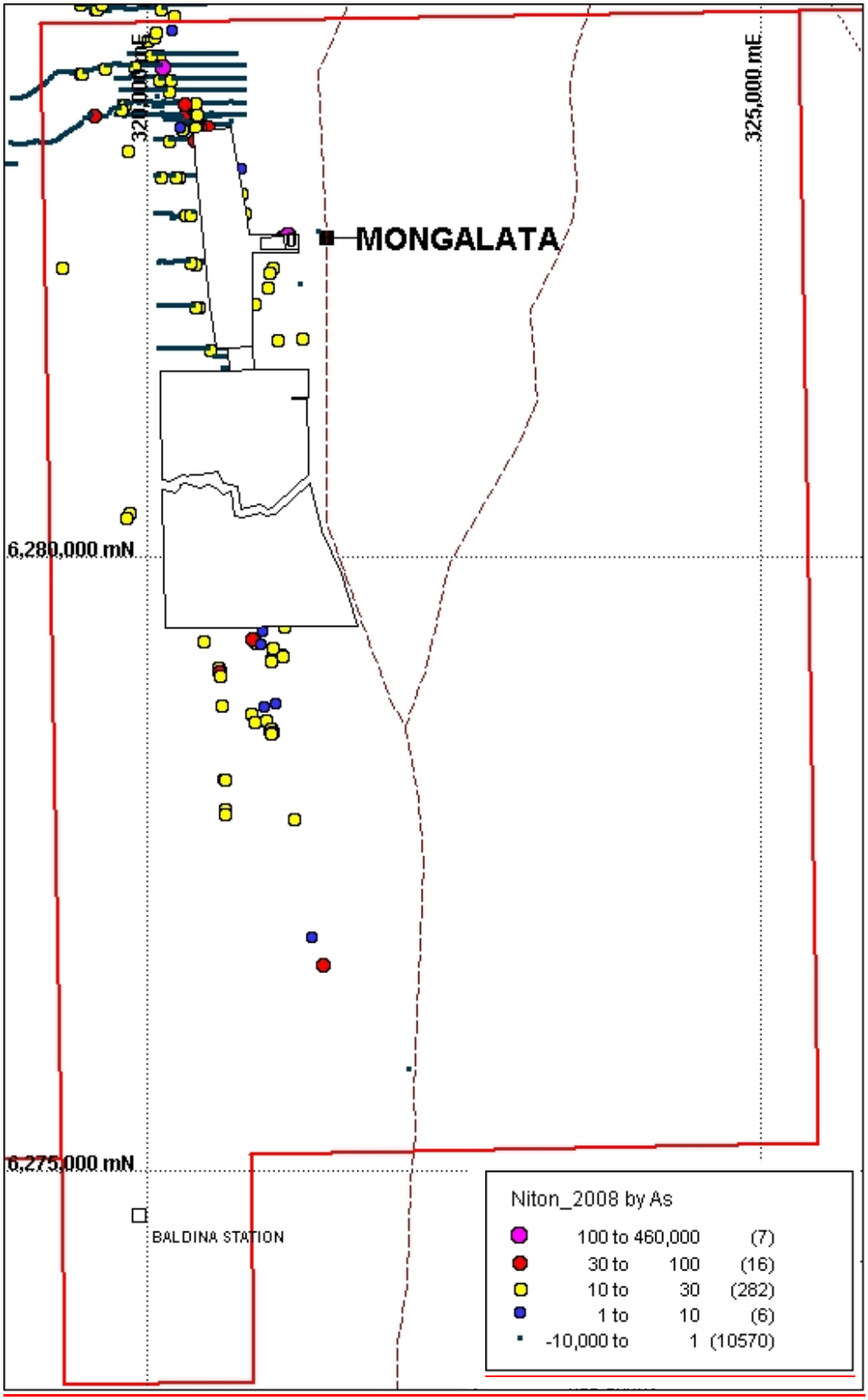


Figure 8 Geochemical Sampling contoured for As on EL 3164

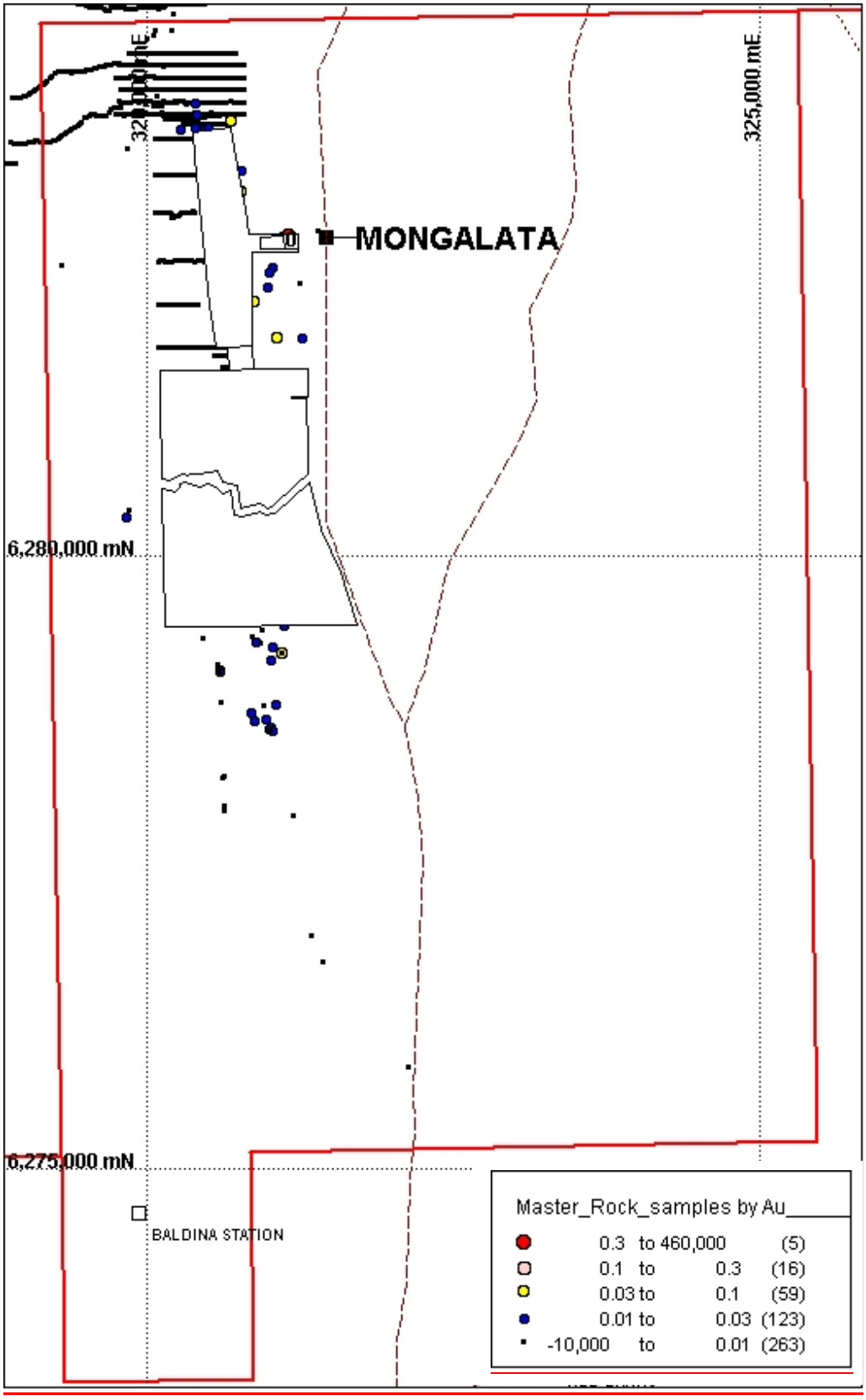


Figure 9 Geochemical Sampling contoured for Au on EL 3164

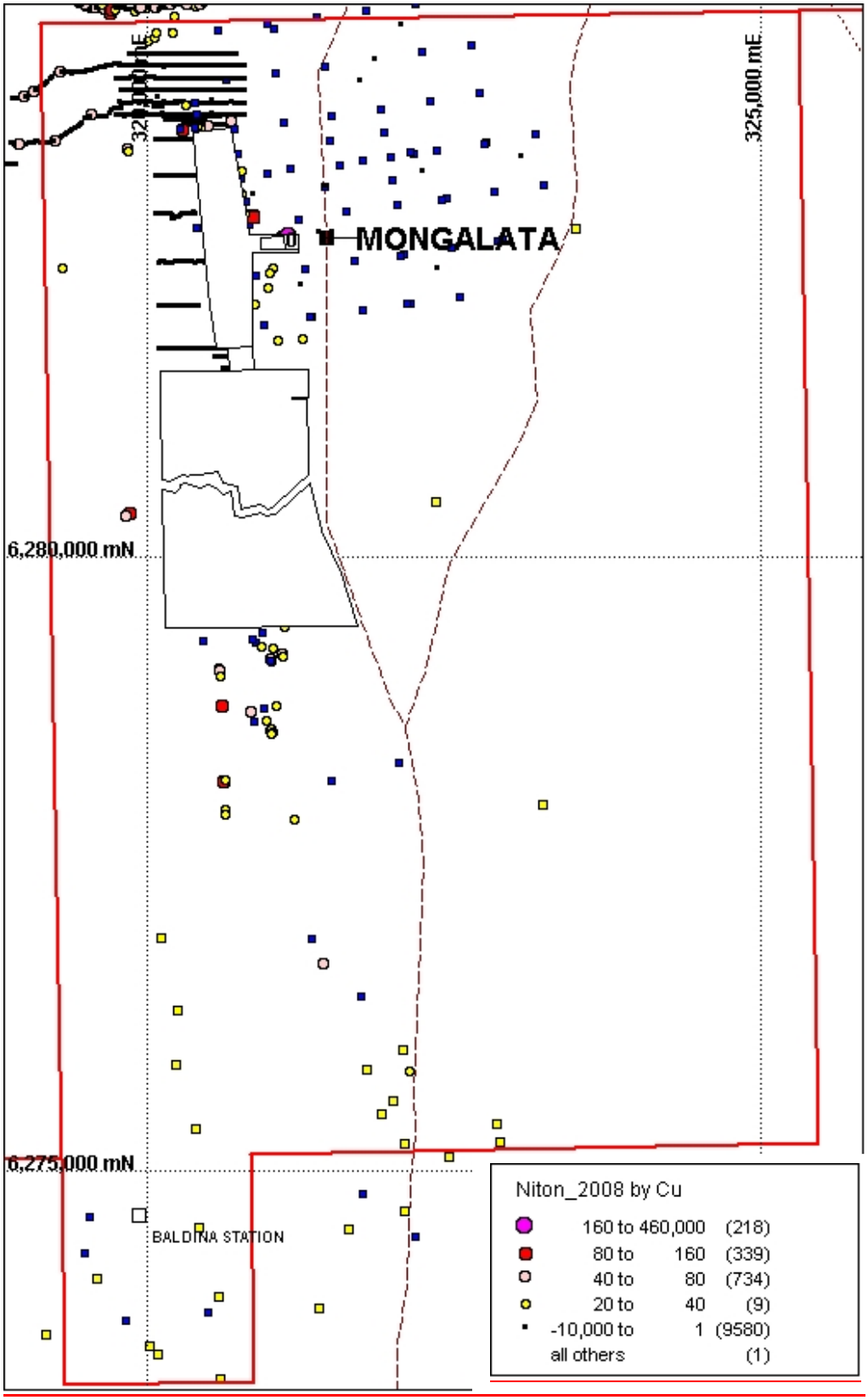


Figure 10 EL 3164 Mongolata - Cu results against Magnetics.

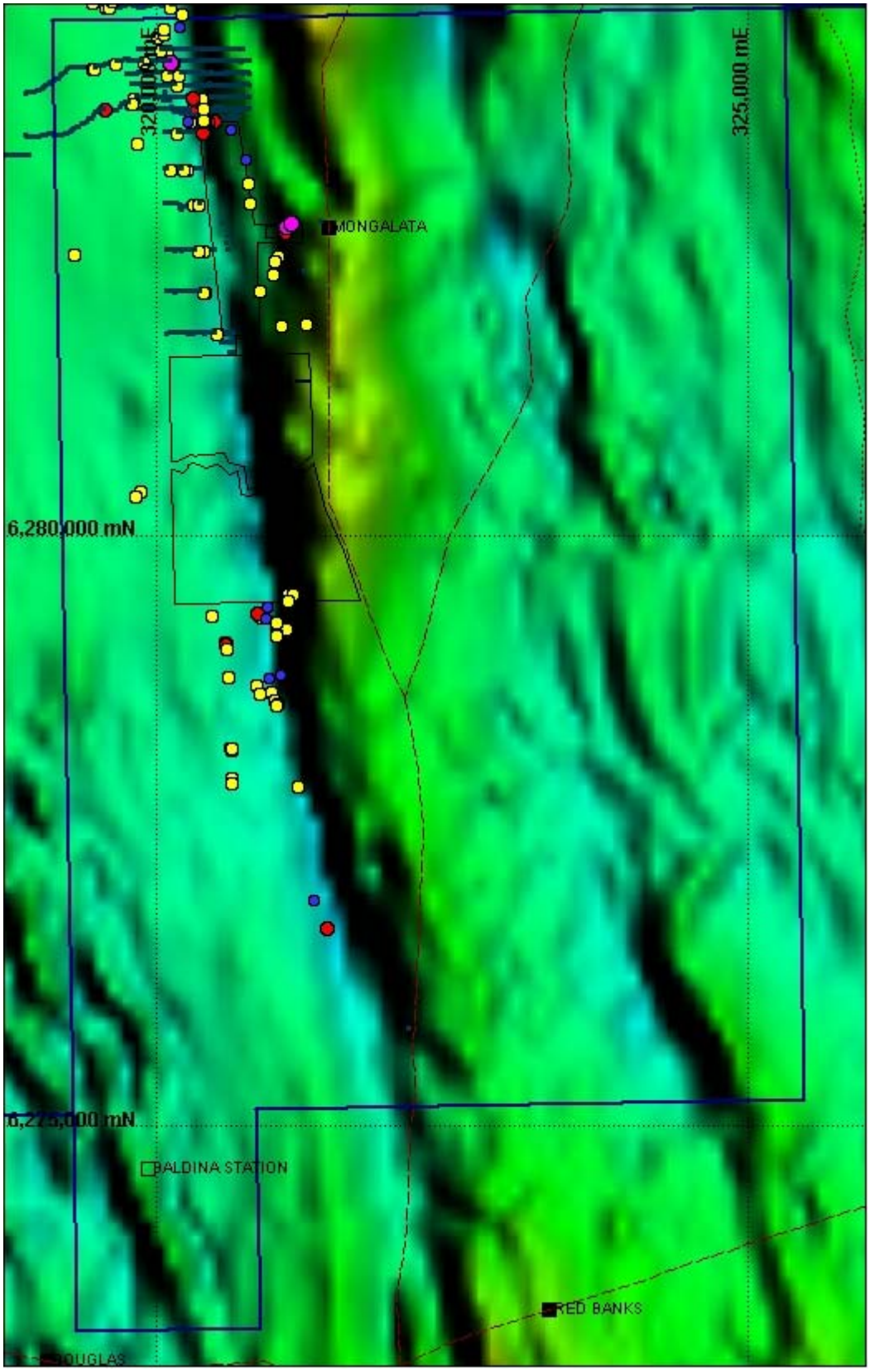


Figure 11 EL 3164 Mongolata – As results against Magnetics.

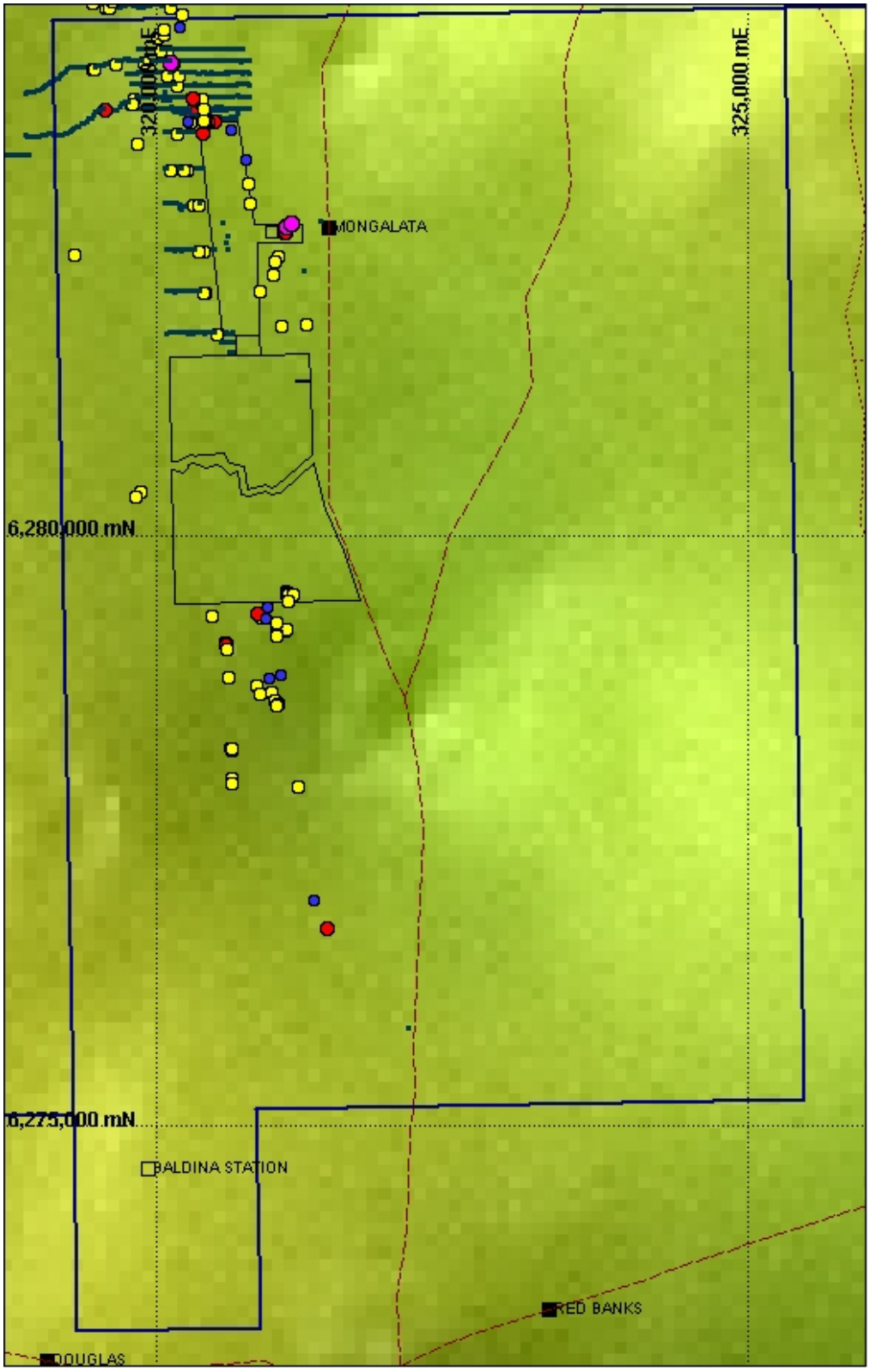


Figure 12 EL 3164 Mongolata - As results against Gravity.

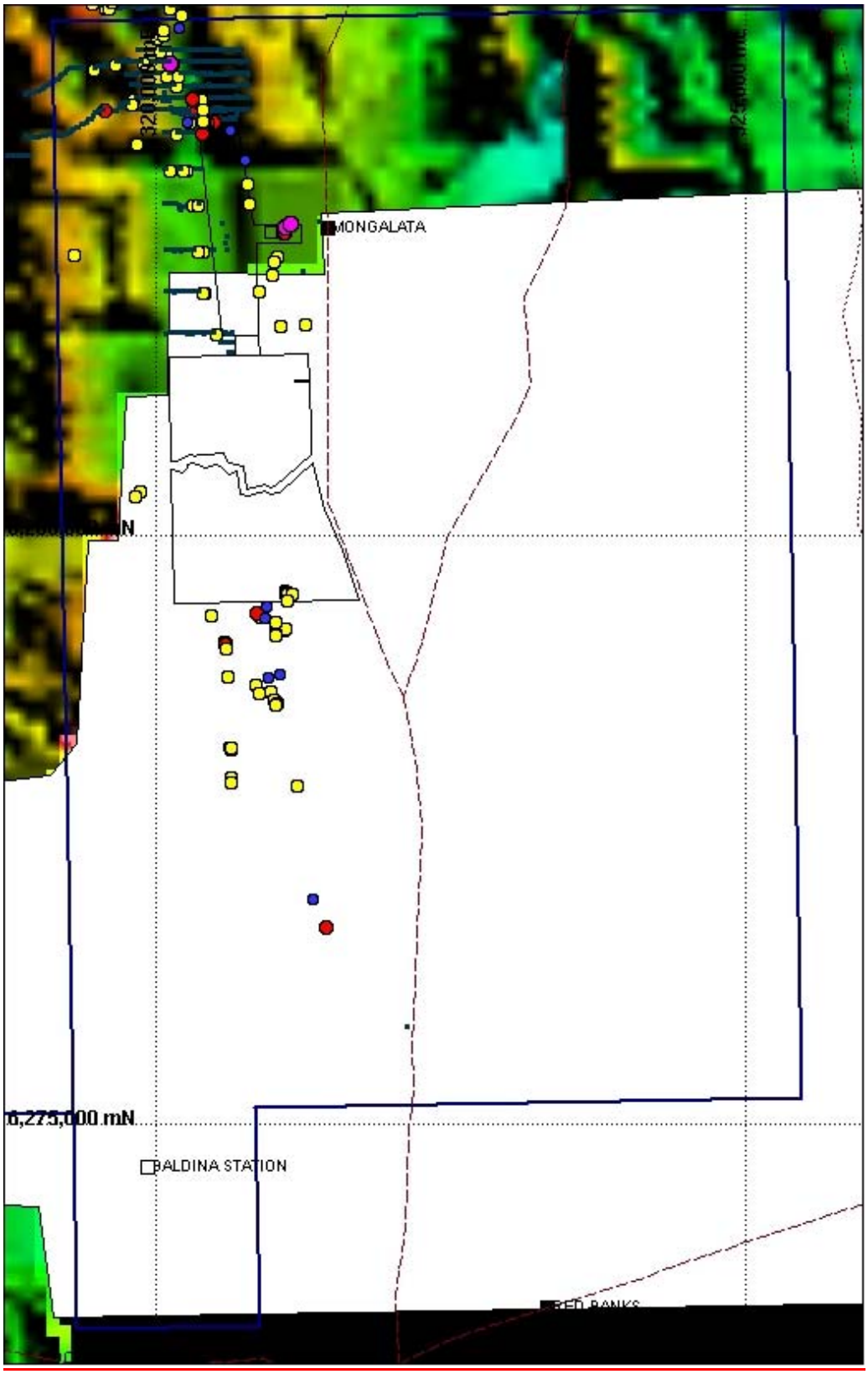


Figure 13 EL 3164 Mongolata - As results against Total Count Radiometrics.

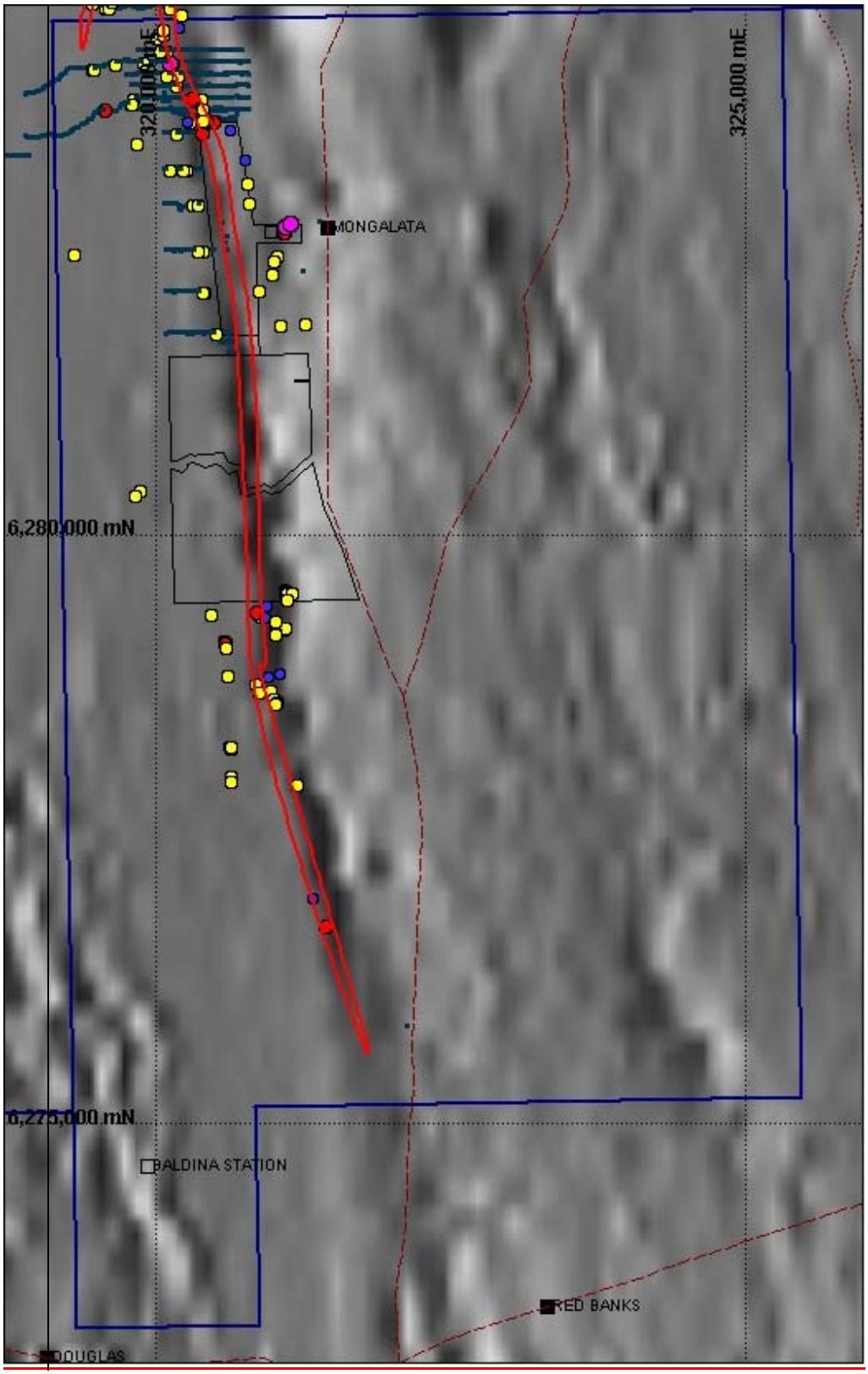
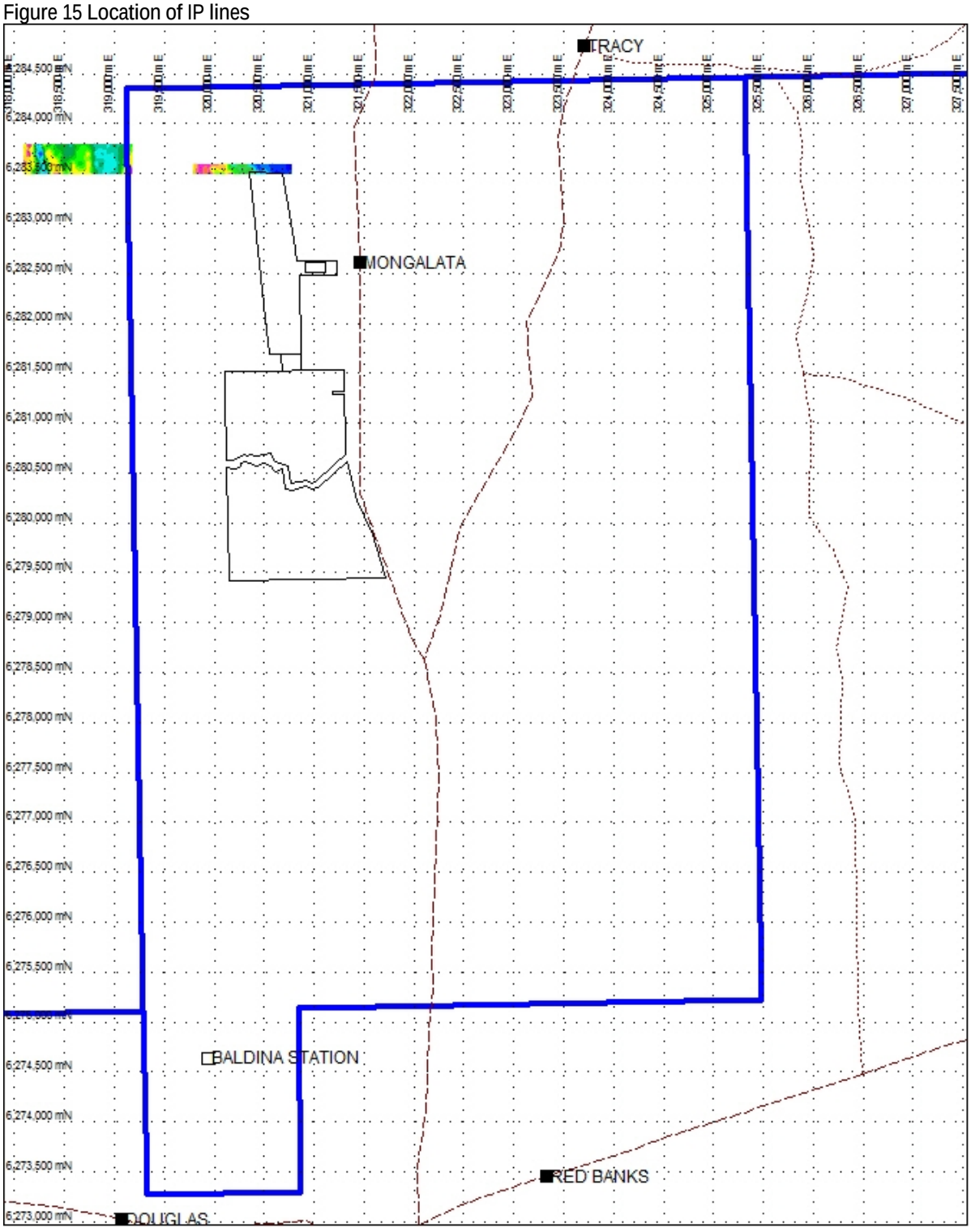


Figure 14 EL 3164 Mongolata - Cu As Au Anomalies against Magnetics

6.2 Geophysics

An Induced Polarisation (IP) survey was conducted over a large area of the Mongolata Gold trend during the reporting period, results for the sections on EL3164 are shown below. Mitre Geophysics were contracted to reprocess the geophysical data, create images and recommend follow up geophysical surveys if required.

Figure 15 Location of IP lines



South Western Line

The western extent of the South West area was limited by the proximity of the western transmitter pit. Traverses 6283600N, 6283700N, 6283800N were limited to the east by very steep downhill gradients.

The part traverse 6283500N shown is completely accessible by foot to the east.

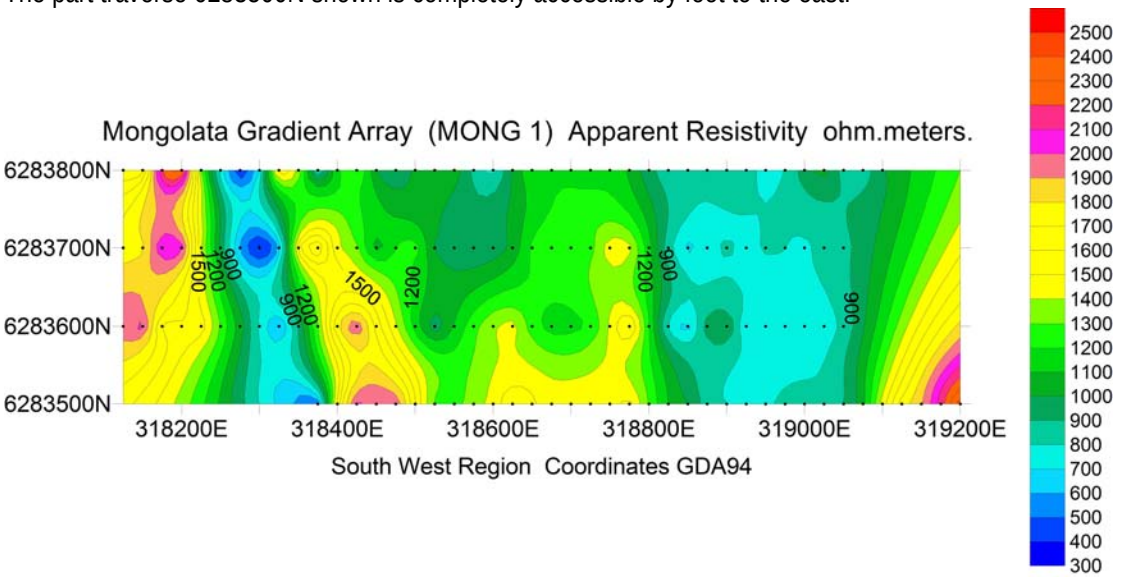


Figure 16 Mongolata Gradient Array Apparent Resistivity ohm.metres SW

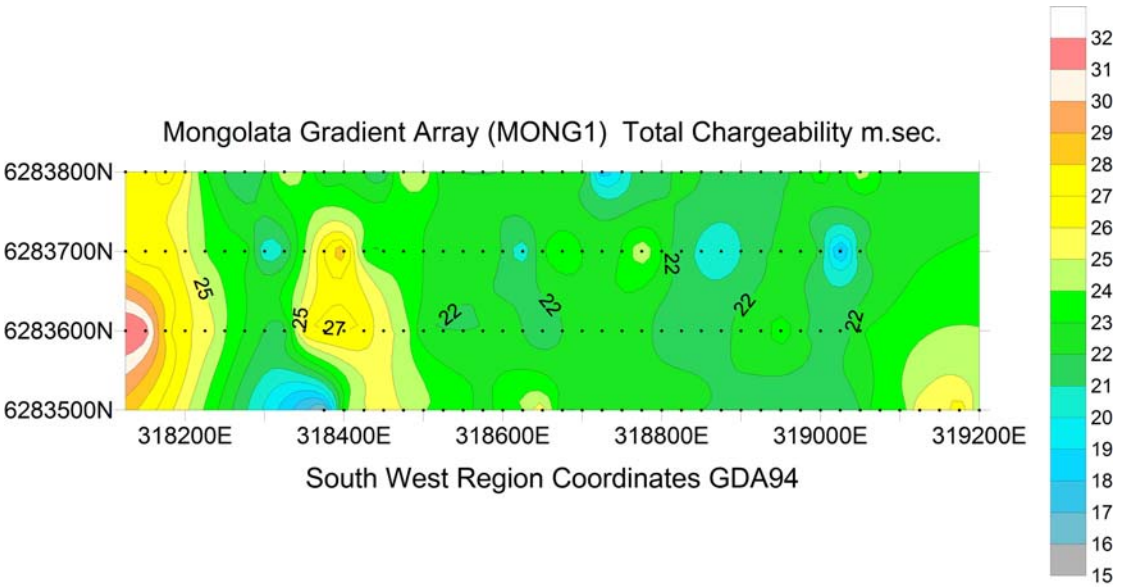


Figure 17 Mongolata Gradient Array Total Chargeability m.sec SW

South East Line:

Traverses 6283550N and 6283600N were surveyed to the north of Traverse 6283500N to give some definition to a proposed drill target on the central traverse.
Traverse 6283500N is continuous and common to both the SW and SE areas.

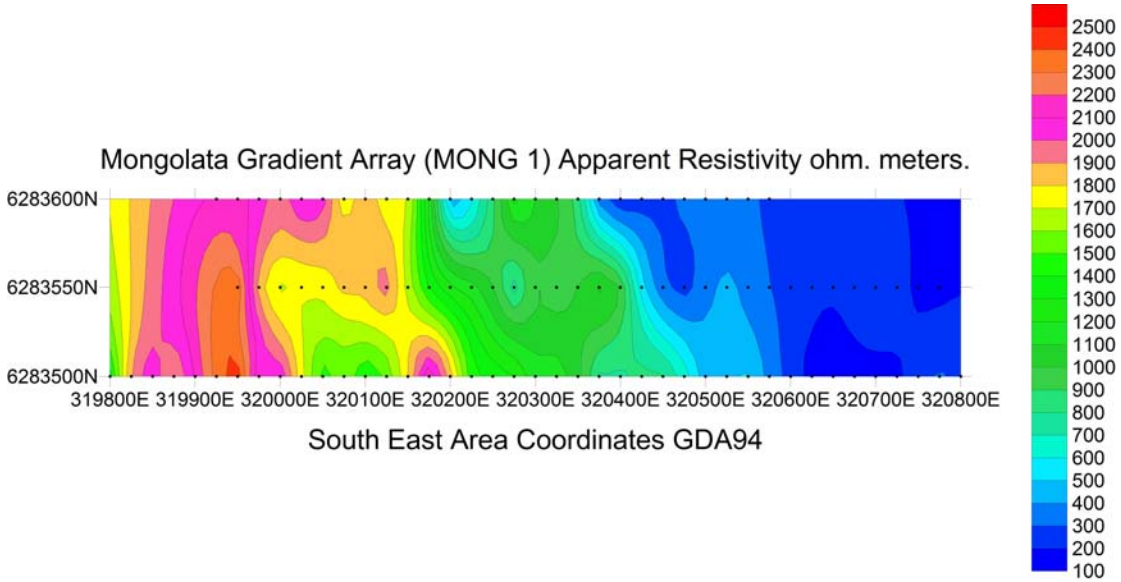


Figure 18 Mongolata Gradient Array Apparent Resistivity ohm.metres SE

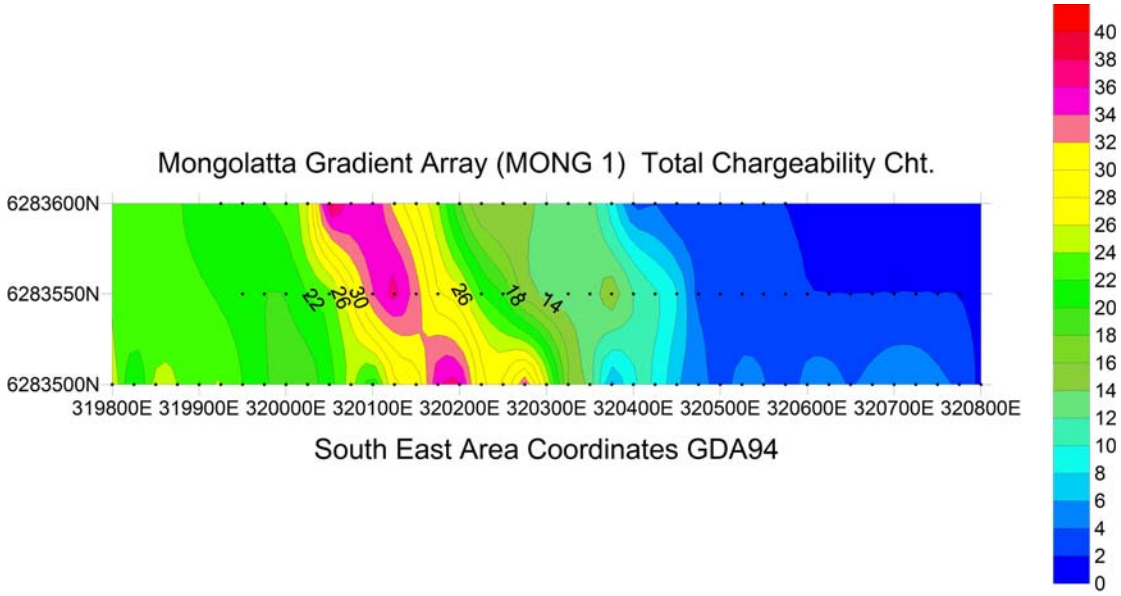


Figure 19 Mongolata Gradient Array Total Chargeability Cht SE

The survey proved successful in helping to define the stratigraphy and thus the prospective units within that package. The terrain was very difficult to manoeuvre around in however in time a more detailed and fulsome program will be undertaken.

Survey details

Instrumentation: Huntec MK IV Time Domain I.P. System.
Huntec MK IV 10 kva transmitter.
Operating frequency 0.175 hz (2 seconds on time, two seconds off time castle waveform).
Integration time 15 to 1550 m.sec with a 50 m.sec time delay.
Configuration: Gradient Atrray
Array name MONG1
Transmitter line 6284600N. Transmitter pits 317200E and 322800E (5.6 kms.)

6.3 Geology

6.3.1 Geological Review

A desktop review of all the historic data available on EL 3164 had been undertaken. The data has been entered into an excel database.

6.3.2 A Study of Copper Gold Mineralisation in the Burra and Mongolata Districts

A review of Copper and Gold mineralisation in the Burra / Mongolata district was undertaken during the period. A week was spent in the field mapping and logging core in the PIRSA core farm in Glenside. This work enabled a better understanding of the structural environment and of indicators to regional mineralisation.

Although previous workers have envisioned a Zambian Copper belt synsedimentary origin for copper mineralisation at Burra/ Mongolata enhanced and disturbed by Diapiric activity evidence was found that could support a model for a Volcanic Cu porphyry source to mineralisation in the district. If this style of mineralising event occurred then it suggests a target source at depth for the regional mineralisation and also accounts for the breccias seen at Burra/ Mongolata and for the near surface supergene Cu deposits that are present throughout the Adelaide Geosyncline.

There were many geological observations made that could support an epithermal origin for the mineralisation found at Burra and others that could suggest otherwise.

Thus Cu and Au mineralisation in the Burra/ Mongolata district was found to display similarities to intrusion-related low sulphidation quartz-sulphide Au $\pm$ Cu (deep) epithermal ores formed marginal to Pacific rim porphyry source rocks. The Burra rocks, however have been subject to substantial supergene enrichment of the primary lower Cu and Au contents. Phoenix Copper are content to entertain all models of mineralisation until one is proven conclusively to have occurred and thus will consider Cu-Au skarns, that would exist in a carbonate rich environment intruded by porphyry, as an exploration target.

6.4 Environment and Rehabilitation

The impact of surface geochemical sampling is negligible, as minimal material is removed when the analysis is taken and no marking is used to locate the sample sites. Existing tracks were used wherever possible.

7. EXPENDITURE

Expenditure breakdown for EL 3164 for the reporting period 13/02/2008 – 12/02/2009

EXPLORATION EXPENDITURE FOR THE REPORTING PERIOD 13/02/2008 - 12/02/2009	
EXPLORATION ACTIVITY	TOTAL
Project Management	7500
Geologists	40,110
Accounting	1050
Tenement Management	1200
Field Assistants	6000
Field Supervision	14,000
Independent Geological Review	2392
Geophysical Review	650
Geophysical Survey	7000
Legal Fees	1715
Data, Plans, Photocopying, Printing	800
Vehicle, Plotter, Niton - Depreciated - 3 years	11,000
Travel, Accommodation	1900
Vehicle Hire	2000
Communications	782
Safety	1306
Computer, Soft, Hard - Depreciated - 3years	2404
Laboratory @ $38.775/sample	2947
Freight	228
Field Equipment	2268
Fuel Vehicle Operating Costs	4000
Subtotal	111,252
Admin/Overheads (12%)	12,130
JV Partners Expenditure	76,380
Total	199,762

Total Expenditure for the Tenement since inception was $1,399,406

APPENDIX 1

Grid Niton Soil Locations Listing

Mongolata

Sample_ID	AMG_N	AMG_E	Sample_ID	AMG_N	AMG_E
Nit002687	320801.06	6283603.78	Nit003290	320020.03	6283999.31
Nit002688	320778.48	6283599.58	Nit003291	320001.56	6283998.96
Nit002689	320760.07	6283600.91	Nit003292	319981.77	6283999.37
Nit002690	320740.19	6283601.42	Nit003293	319960.51	6283998.97
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Nit002692	320699.16	6283600.66	Nit003295	319917.93	6284001.17
Nit002693	320680.67	6283601.09	Nit003296	319900.92	6284002.52
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Nit002698	320580.03	6283604.76	Nit003301	319801.73	6284002.77
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Nit002716	320218.85	6283597.12	Nit003319	320179.61	6284101.69
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Nit003089	320560.36	6283519.31	Nit011010	320181.00	6283101.00
Nit003090	320556.08	6283520.12	Nit011011	320162.00	6283100.00
Nit003091	320550.40	6283520.79	Nit011012	320140.00	6283100.00
Nit003092	320544.73	6283521.12	Nit011013	320120.00	6283099.00
Nit003093	320540.45	6283521.49	Nit011014	320100.00	6283100.00
Nit003094	320534.78	6283521.83	Nit011015	320081.00	6283099.00
Nit003095	320530.51	6283521.75	Nit011016	320080.00	6283400.00
Nit003096	320524.84	6283522.08	Nit011017	320101.00	6283401.00
Nit003097	320520.67	6283521.56	Nit011018	320121.00	6283400.00
Nit003098	320515.01	6283521.46	Nit011019	320139.00	6283399.00
Nit003099	320509.34	6283521.35	Nit011020	320160.00	6283401.00
Nit003100	320503.68	6283521.69	Nit011021	320182.00	6283400.00
Nit003101	320499.43	6283520.28	Nit011022	320199.00	6283400.00
Nit003102	320495.18	6283519.42	Nit011023	320219.00	6283400.00
Nit003103	320489.52	6283518.87	Nit011025	320240.00	6283400.00
Nit003104	320485.22	6283520.01	Nit011026	320261.00	6283400.00
Nit003105	320598.84	6283582.71	Nit011027	320280.00	6283401.00
Nit003106	320590.35	6283584.21	Nit011028	320299.00	6283400.00
Nit003107	320580.39	6283585.69	Nit011029	320320.00	6283400.00
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Nit003109	320559.06	6283589.50	Nit011031	320361.00	6283399.00
Nit003110	320549.10	6283590.20	Nit011032	320380.00	6283400.00
Nit003111	320540.68	6283589.16	Nit011034	320402.00	6283399.00
Nit003112	320530.77	6283587.75	Nit014656	320060.00	6282460.00
Nit003113	320519.44	6283587.10	Nit014657	320060.00	6282460.00
Nit003114	320509.52	6283586.14	Nit014658	320041.00	6282487.00

Nit003115	320499.63	6283584.18	Nit014659	320019.00	6282498.00
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Nit003117	320478.44	6283580.01	Nit014661	319982.00	6282512.00
Nit003118	320470.02	6283578.53	Nit014662	319961.00	6282498.00
Nit003119	320458.75	6283575.43	Nit014663	319942.00	6282459.00
Nit003120	320448.87	6283572.25	Nit014664	319921.00	6282450.00
Nit003121	320440.38	6283569.10	Nit014665	319901.00	6282427.00
Nit003122	320430.51	6283565.58	Nit014666	319881.00	6282417.00
Nit003123	320420.74	6283561.96	Nit014667	319861.00	6282410.00
Nit003124	320409.40	6283557.53	Nit014668	319840.00	6282403.00
Nit003131	320800.31	6283798.45	Nit014669	319819.00	6282403.00
Nit003132	320778.97	6283802.27	Nit014671	319799.00	6282400.00
Nit003133	320758.99	6283808.22	Nit014672	319779.00	6282400.00
Nit003134	320740.66	6283805.33	Nit014673	319759.00	6282400.00
Nit003135	320719.40	6283804.93	Nit014674	319740.00	6282401.00
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Nit003153	320359.54	6283800.77	Nit014692	319380.00	6282398.00
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Nit003162	320179.54	6283802.50	Nit014706	319200.00	6282400.00
Nit003163	320161.07	6283806.82	Nit014707	319181.00	6282400.00
Nit003164	320142.76	6283802.70	Nit014708	319160.00	6282400.00
Nit003165	320121.53	6283800.53	Nit014756	319159.00	6283101.00

Nit003166	320101.68	6283799.83	Nit014757	319181.00	6283099.00
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Nit003169	320039.37	6283799.44	Nit014760	319241.00	6283100.00
Nit003170	320020.88	6283799.98	Nit014761	319263.00	6283101.00
Nit003171	320001.09	6283800.83	Nit014762	319281.00	6283102.00
Nit003172	319979.80	6283801.76	Nit014763	319300.00	6283104.00
Nit003173	319961.37	6283799.31	Nit014764	319321.00	6283099.00
Nit003174	319940.16	6283801.46	Nit014765	319340.00	6283111.00
Nit003175	319920.24	6283803.97	Nit014766	319363.00	6283109.00
Nit003176	319899.03	6283800.69	Nit014767	319379.00	6283108.00
Nit003177	319880.64	6283801.12	Nit014768	319409.00	6283096.00
Nit003178	319859.34	6283802.83	Nit014769	319421.00	6283102.00
Nit003179	319839.45	6283803.79	Nit014770	319443.00	6283100.00
Nit003180	319840.81	6283805.48	Nit014771	319460.00	6283100.00
Nit003181	319819.63	6283805.97	Nit014772	319480.00	6283100.00
Nit003182	319799.78	6283804.71	Nit014773	319500.00	6283098.00
Nit003189	319759.79	6283897.03	Nit014774	319520.00	6283099.00
Nit003190	319782.40	6283899.57	Nit014775	319540.00	6283101.00
Nit003191	319800.79	6283899.13	Nit014776	319561.00	6283100.00
Nit003192	319820.72	6283896.07	Nit014777	319580.00	6283101.00
Nit003193	319841.99	6283896.02	Nit014778	319599.00	6283101.00
Nit003194	319861.74	6283902.83	Nit014779	319621.00	6283100.00
Nit003195	319880.04	6283907.39	Nit014780	319640.00	6283101.00
Nit003196	319899.88	6283908.98	Nit014781	319661.00	6283101.00
Nit003197	319918.40	6283902.12	Nit014782	319682.00	6283100.00
Nit003198	319942.53	6283897.91	Nit014783	319700.00	6283099.00
Nit003199	319961.05	6283895.70	Nit014784	319720.00	6283100.00
Nit003200	319979.32	6283902.04	Nit014785	319739.00	6283102.00
Nit003201	320000.54	6283904.10	Nit014786	319758.00	6283102.00
Nit003202	320020.39	6283905.80	Nit014787	319780.00	6283101.00
Nit003203	320041.58	6283904.87	Nit014788	319801.00	6283103.00
Nit003204	320060.04	6283906.10	Nit014789	319820.00	6283101.00
Nit003205	320081.38	6283902.28	Nit014790	319840.00	6283101.00
Nit003206	320098.42	6283899.61	Nit014791	319860.00	6283102.00
Nit003207	320121.05	6283900.47	Nit014792	319882.00	6283100.00
Nit003208	320139.45	6283900.37	Nit014793	319899.00	6283101.00
Nit003209	320159.31	6283901.19	Nit014794	319919.00	6283101.00
Nit003210	320179.15	6283902.78	Nit014795	319939.00	6283101.00
Nit003211	320200.39	6283899.41	Nit014796	319959.00	6283112.00
Nit003212	320220.24	6283900.22	Nit014797	319981.00	6283119.00
Nit003213	320241.50	6283900.62	Nit014798	320000.00	6283122.00
Nit003214	320259.87	6283901.29	Nit014799	320021.00	6283120.00
Nit003215	320279.75	6283900.89	Nit014800	320040.00	6283120.00
Nit003216	320299.63	6283900.82	Nit014801	320061.00	6283120.00

Nit003217	320319.38	6283902.07	Nit014802	320081.00	6283122.00
Nit003218	320340.64	6283902.47	Nit014803	320100.00	6283121.00
Nit003219	320359.08	6283899.82	Nit014810	320021.00	6283550.00
Nit003220	320378.97	6283899.30	Nit014811	320040.00	6283551.00
Nit003221	320398.81	6283901.01	Nit014812	320060.00	6283551.00
Nit003222	320420.07	6283901.40	Nit014813	320081.00	6283551.00
Nit003223	320438.49	6283899.64	Nit014814	320101.00	6283550.00
Nit003224	320461.15	6283899.18	Nit014815	320121.00	6283548.00
Nit003225	320479.53	6283899.96	Nit014816	320141.00	6283551.00
Nit003226	320500.80	6283899.47	Nit014817	320160.00	6283550.00
Nit003227	320520.67	6283899.40	Nit014818	320182.00	6283550.00
Nit003228	320541.98	6283897.36	Nit014819	320202.00	6283551.00
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Nit003230	320580.22	6283898.40	Nit014821	320241.00	6283551.00
Nit003231	320598.56	6283900.52	Nit014822	320261.00	6283553.00
Nit003232	320618.46	6283899.56	Nit014823	320281.00	6283564.00
Nit003233	320639.69	6283901.29	Nit014824	320303.00	6283568.00
Nit003234	320659.50	6283899.88	Nit014825	320320.00	6283566.00
Nit003235	320680.75	6283900.72	Nit014826	320343.00	6283565.00
Nit003236	320699.24	6283899.85	Nit014827	320348.00	6283565.00
Nit003237	320720.40	6283900.69	Nit014828	320362.00	6283559.00
Nit003238	320741.72	6283897.64	Nit014829	320381.00	6283553.00
Nit003239	320758.66	6283900.51	Nit014830	320401.00	6283540.00
Nit003240	320779.89	6283902.57	Nit014831	320420.00	6283546.00
Nit003241	320801.21	6283899.64	Nit014833	320459.00	6283551.00
Nit003248	320800.72	6284000.69	Nit014834	320480.00	6283550.00
Nit003249	320780.96	6283999.55	Nit014835	320500.00	6283548.00
Nit003250	320759.68	6284000.37	Nit014836	320521.00	6283550.00
Nit003251	320739.81	6284000.44	Nit014837	320540.00	6283547.00
Nit003252	320721.48	6283997.55	Nit014838	320553.00	6283545.00
Nit003253	320701.55	6284000.62	Nit014839	320583.00	6283532.00
Nit003254	320680.25	6284001.89	Nit014840	320603.00	6283544.00
Nit003255	320660.49	6284001.07	Nit014841	320622.00	6283551.00
Nit003256	320640.62	6284001.15	Nit014842	320641.00	6283500.00
Nit003257	320620.86	6283999.89	Nit014843	320623.00	6283500.00
Nit003258	320600.98	6283999.96	Nit014844	320601.00	6283501.00
Nit003259	320581.08	6284001.26	Nit014845	320581.00	6283502.00
Nit003260	320561.29	6284001.77	Nit014846	320559.00	6283504.00
Nit003261	320540.05	6284000.49	Nit014847	320539.00	6283506.00
Nit003262	320520.17	6284001.01	Nit014848	320521.00	6283503.00
Nit003263	320500.40	6284000.64	Nit014849	320501.00	6283502.00
Nit003264	320479.12	6284001.13	Nit014850	320480.00	6283501.00
Nit003265	320460.64	6284001.11	Nit014851	320460.00	6283501.00
Nit003266	320442.26	6284000.44	Nit014852	320449.00	6283504.00
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Nit003268	320399.70	6284002.53	Nit014854	320417.00	6283500.00
Nit003269	320379.96	6284000.05	Nit014855	320401.00	6283500.00
Nit003270	320361.48	6284000.15	Nit014856	320379.00	6283500.00
Nit003271	320340.22	6283999.75	Nit014857	320360.00	6283496.00
Nit003272	320320.42	6284000.60	Nit014858	320339.00	6283495.00
Nit003273	320301.96	6283999.93	Nit014859	320319.00	6283480.00
Nit003274	320280.67	6284001.19	Nit014860	320299.00	6283490.00
Nit003275	320262.30	6284000.40	Nit014861	320286.00	6283489.00
Nit003276	320239.57	6284003.75	Nit014862	320283.00	6283528.00
Nit003277	320221.23	6284000.97	Nit014863	320283.00	6283527.00
Nit003278	320198.47	6284001.76	Nit014869	320258.00	6283502.00
Nit003279	320178.71	6284000.95	Nit014870	320240.00	6283499.00
Nit003280	320160.23	6284000.60	Nit014871	320220.00	6283498.00
Nit003281	320140.48	6283999.01	Nit014872	320202.00	6283495.00
Nit003282	320150.65	6283986.44	Nit014873	320180.00	6283499.00
Nit003283	320150.65	6283986.44	Nit014874	320162.00	6283498.00
Nit003284	320142.11	6283986.73	Nit014875	320140.00	6283497.00
Nit003285	320120.58	6284000.31	Nit014876	320120.00	6283498.00
Nit003286	320102.21	6283999.52	Nit014877	320101.00	6283502.00
Nit003287	320080.92	6284000.78	Nit014878	320080.00	6283495.00
Nit003288	320062.58	6283998.33	Nit014879	320058.00	6283490.00
Nit003289	320041.26	6284001.37			

APPENDIX 2

Rock Chip Locations Listing

Mongolata

Sample_ID	AMG_N	AMG_E	Sample_ID	AMG_N	AMG_E
P168001	6283507.00	320507.00	P168244	6279328.00	320471.00
P168002	6283504.00	320446.00	P168245	6279104.00	320587.00
P168003	6283504.00	320446.00	P168246	6279087.00	320596.00
P168004	6283504.00	320446.00	P168247	6279068.00	320603.00
P168005	6283504.00	320446.00	P168248	6279070.00	320598.00
P168006	6283501.00	320415.00	P168249	6279047.00	320598.00
P168007	6283515.00	320416.00	P168250	6278799.00	320613.00
P168008	6283513.00	320401.00	P168251	6277954.00	320647.00
P168009	6283495.00	320289.00	P168252	6277909.00	320646.00
P168010	6283489.00	320284.00	P168253	6279521.00	321103.00
P168011	6284213.00	320013.00	P168254	6279510.00	321111.00
P168012	6284213.00	320013.00	P168255	6279515.00	321120.00

P168013	6284243.00	320066.00	P168256	6279505.00	321120.00
P168014	6284283.00	320074.00	P168257	6279509.00	321155.00
P168015	6284283.00	320206.00	P168258	6279443.00	321121.00
P168016	6284283.00	320206.00	P168259	6279203.00	321105.00
P168083	6283550.00	320700.00	P168260	6279204.00	321106.00
P168182	6283317.00	319844.00	P168261	6279165.00	321022.00
P168183	6283318.00	319844.00	P168262	6279165.00	321022.00
P168227	6282372.00	319310.00	P168263	6279160.00	321021.00
P168228	6283412.00	320637.00	P168264	6279273.00	321025.00
P168229	6283162.00	320776.00	P168265	6278804.00	321058.00
P168230	6282976.00	320780.00	P168266	6278772.00	320967.00
P168231	6282809.00	320804.00	P168267	6278735.00	320856.00
P168232	6282362.00	321034.00	P168268	6278668.00	320882.00
P168233	6282329.00	321005.00	P168269	6278681.00	320983.00
P168234	6282213.00	320992.00	P168270	6278603.00	321003.00
P168235	6282071.00	320887.00	P168271	6278606.00	321013.00
P168236	6281773.00	321066.00	P168272	6278579.00	321029.00
P168237	6281786.00	321276.00	P168273	6278567.00	321015.00
P168238	6280327.00	319834.00	P168274	6277879.00	321206.00
P168239	6280372.00	319866.00	P168275	6276896.00	321347.00
P168240	6279308.00	320894.00	P168276	6276675.00	321453.00
P168241	6279337.00	320863.00	P168277	6278188.00	320633.00
P168242	6279386.00	320956.00	P168278	6278189.00	320637.00
P168243	6279286.00	320942.00	P168279	6278195.00	320638.00

APPENDIX 3

Geochemical Results

Mongolata

Data on CD only

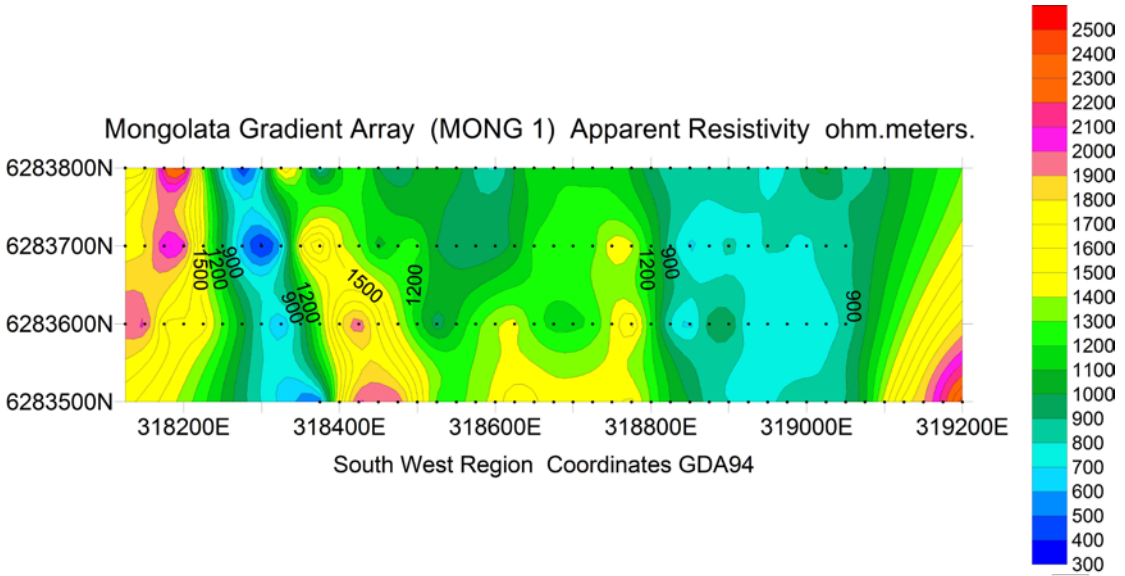
APPENDIX 4

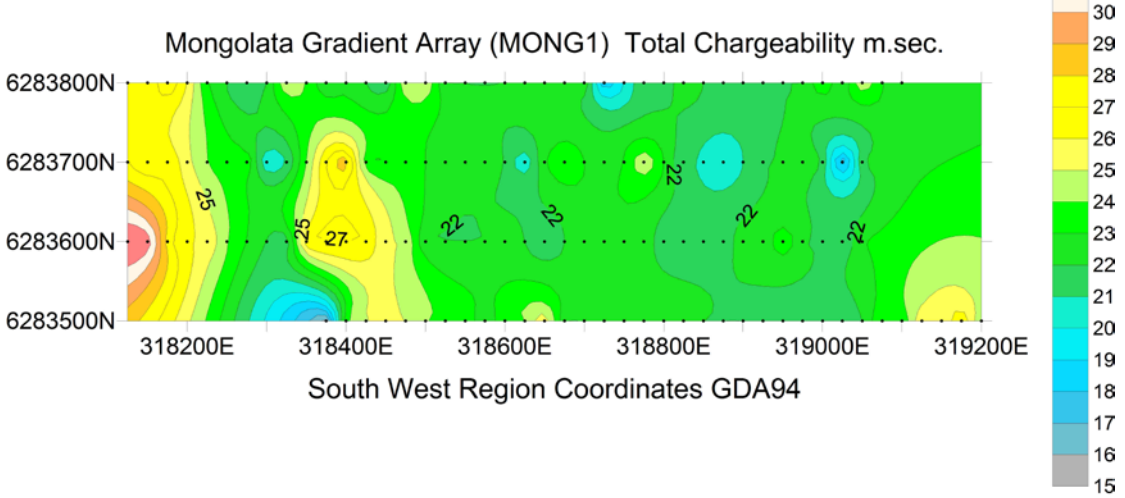
SOLO GEOPHYSICS & CO.

3A MCINNES STREET, RIDLEYTON. S. AUST. 5008 (P.O. BOX 212 NORTH ADELAIDE 5006)
TEL: 08 8346 8277 FAX: 08 8346 0924
A.C.N. 007 931 571
email: sologeophysics@aol.com

Time Domain Gradient Array Induced Polarisation Survey.
EL3716 and EL3164 Burra District South Australia completed in November 2008 for Phoenix Copper Limited.

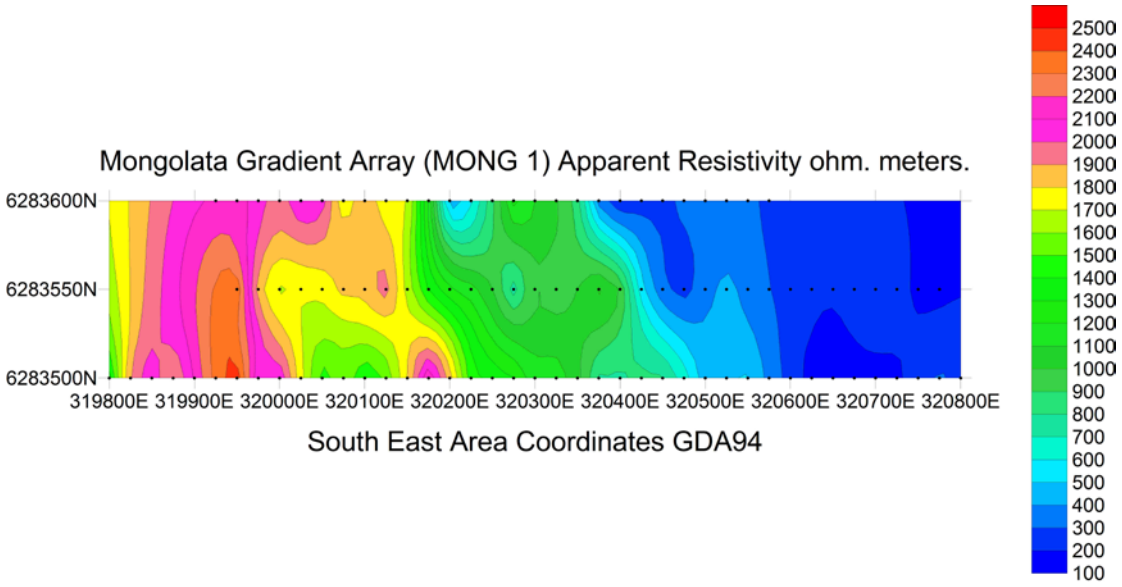
Comments:
The western extent of the South West area was limited by the proximity of the western transmitter pit.
Traverses 6283600N, 6283700N, 6283800N were limited to the east by very steep downhill gradients.
The part traverse 6283500N shown is completely accessable by foot to the east.

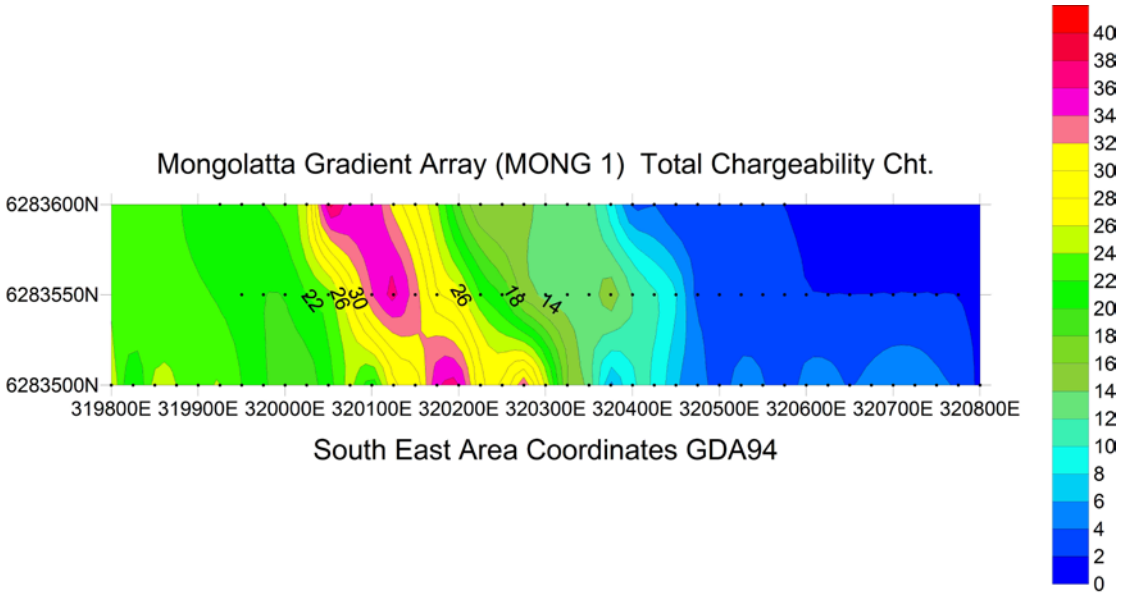




South East Area:

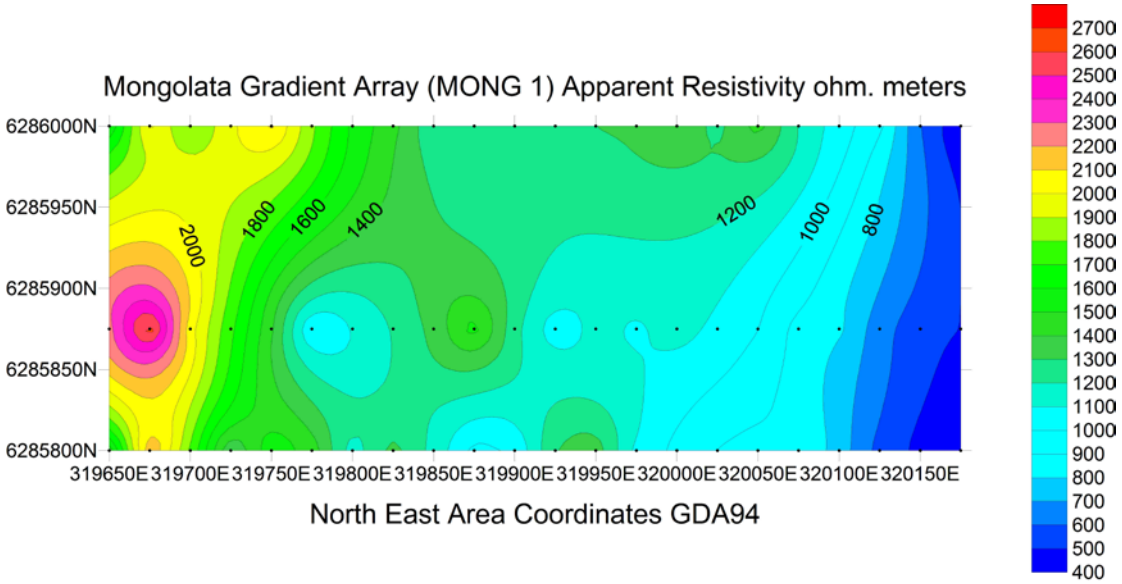
Traverses 6283550N and 6283600N were surveyed to the north of
Traverse 6283500N to give some definition to a proposed drill target on the central traverse.
Traverse 6283500N is continuous and common to both the SW and SE areas.

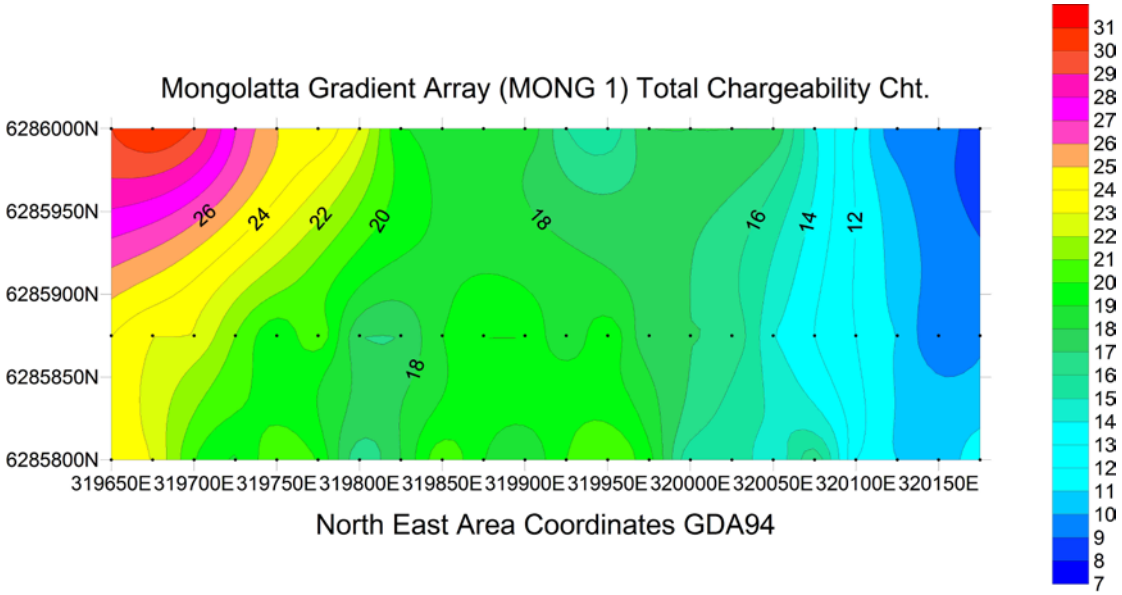




North East Area:

Traverse 6285800N runs along a valley and Traverse 6285875N runs across the north face of the valley past some old workings.
Traverse 6286000N runs up a ridge and all traverses are restricted to the west by extreme changes in topography. A strong resistivity contrast coincided with old workings on the ridge line.





Instrumentation: Huntec MK IV Time Domain I.P. System.
Huntec MK IV 10 kva transmitter.
Operating frequency 0.175 hz (2 seconds on time, two seconds off time castle waveform).
Integration time 15 to 1550 m.sec with a 50 m.sec time delay.

Configuration: Gradient Atrray
Array name MONG1
Transmitter line 6284600N. Transmitter pits 317200E and 322800E (5.6 kms.)
Coordinates GDA94 (WGS84).

General comments.

Test traverse 6284480N (file 6284481.dat) initiated with a 100 meter dipole and 50 meter shifts.
Repeat part of traverse 6284480N with a 50 meter dipole shifted at 25 meter moves.
A 50 meter dipole and 25 meter station interval was then used for the remainder of the survey. area.

Traverse 6283500N was surveyed next day and surveyed continuously through to the open high ground to the west.

The following day it was intended to survey 6283600N from the high ground at the western end back through to the east.

Very steep topography prevented access to the east and it was decided to survey for the rest of the day in the South West region instead of back tracking and wasting time. Several features are present in this data set.

The following day I decided to infill the south east area and had enough time left over to begin what developed as the north east area.

All digital data will be forwarded to Kate Godber at Mitre Geophysics as requested.

The data files are ascii fixed fields (columns).

GDA94E GDA94N Resistivity(ohm m.) Total chargeability (m.secs)

Senior surveyor.

Graham Rau.