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EL 3314

COFFIN BAY

PACE INITIATIVE : THEME 2, YEAR 3

DRILLING PARTNERSHIP #24 – GREENLY PROJECT NICKEL AND BASE METAL MINERAL PROSPECTS

PROJECT FINAL REPORT

Submitted by
InterMet Resources Ltd
2007

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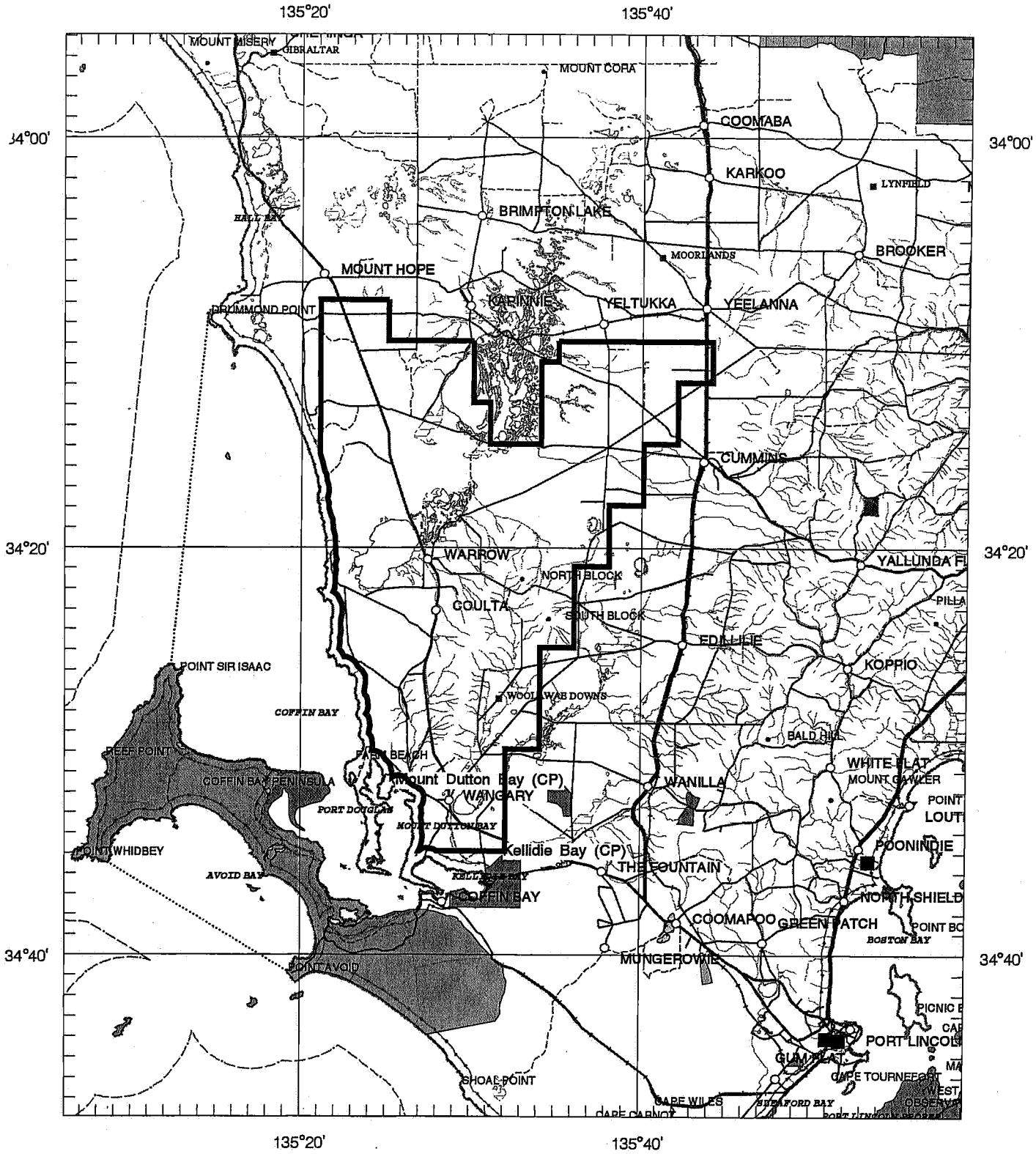
Government of South Australia
Primary Industries and Resources SA

SCHEDULE A



APPLICANT : **INTERNATIONAL METALS PTY LTD**

FILE REF : **674/04** TYPE : **MINERAL ONLY** AREA : **957** km² (approx.)

1:250000 MAPSHEETS : **LINCOLN**

LOCALITY : **COFFIN BAY AREA - Approximately 55 km northwest of Port Lincoln**

DATE GRANTED : **03-Feb-2005** DATE EXPIRED : **02-Feb-2006** EL NO : **3314**

ACN 112 291 960

1/22 Maple Avenue
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EXPLORATION LICENCE 3314

COULTA

FINAL DRILLING REPORT

PACE DRILLING PROJECT DPY3-24

Author: Gary Ferris
Leon Faulkner

Date: March 2007

FINAL DRILLING REPORT - PACE Collaboration Project DPY3-24

Summary

Introduction

EL 3314 (Coulta) is located on southern Eyre Peninsula approximately 50 km WNW of the township of Port Lincoln (Figure 1). The area has not had much mineral exploration for gold and base metals. A detailed aeromagnetic survey was undertaken by UTS Geophysics in order to define magnetic units interpreted to represent potential Archaean greenstone rocks similar to magnetic units in the Mount Hope area defined by PIRSA and Werrie Gold (Figure 2).

InterMet successfully applied for a grant of $50,000 from PIRSA, through its Plan for Accelerated Exploration (PACE). This report summarises the results of the drilling program including geochemistry and geological drill logs.

Geochemical analyses are presented in Appendices A (Phase 1) and B (Phase 2) and drill hole logs are presented in Appendix C.

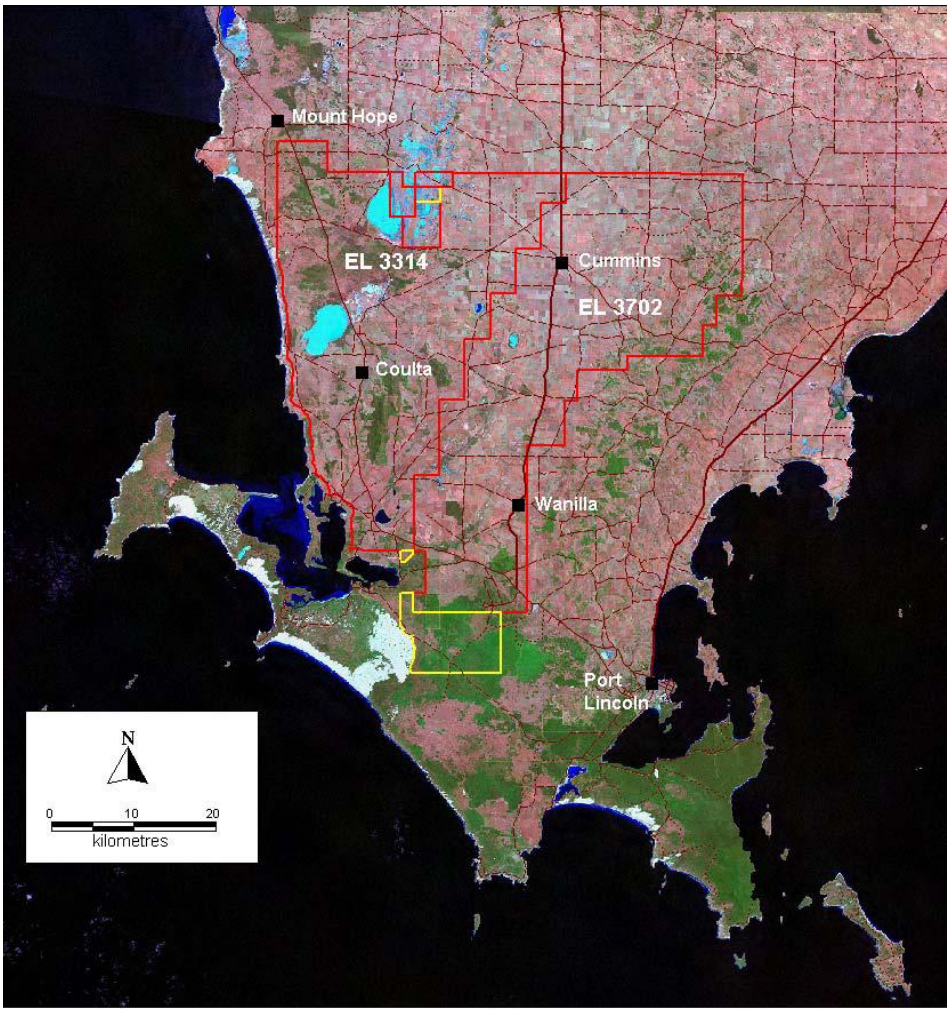

Figure 1 Location of EL 3314 (Coulta).

Regional Geology and Mineral Potential

The Coulta tenement (EL 3314) forms an interpreted N-S belt of Archaean metasediments and felsic volcanics, with recent aeromagnetic data suggesting that basalts and komatiites with nickel potential may also be present (Figure 2). Surface exposure is dominated by recent sediment with basement exposures confined to several large isolated hills. On EL 3314, basement rocks are well exposed along the coast and at Marble Range, North and South Block and Mount Dutton. These exposures comprise Archaean Dutton Suite granitoids and Proterozoic Warrow Quartzite (Hutchinson Group).

Recent drilling by Anglo American intersected komatiites, to the north of EL 3314 and the aeromagnetic data indicate that there is probably a repetition of the sequence within the project area.

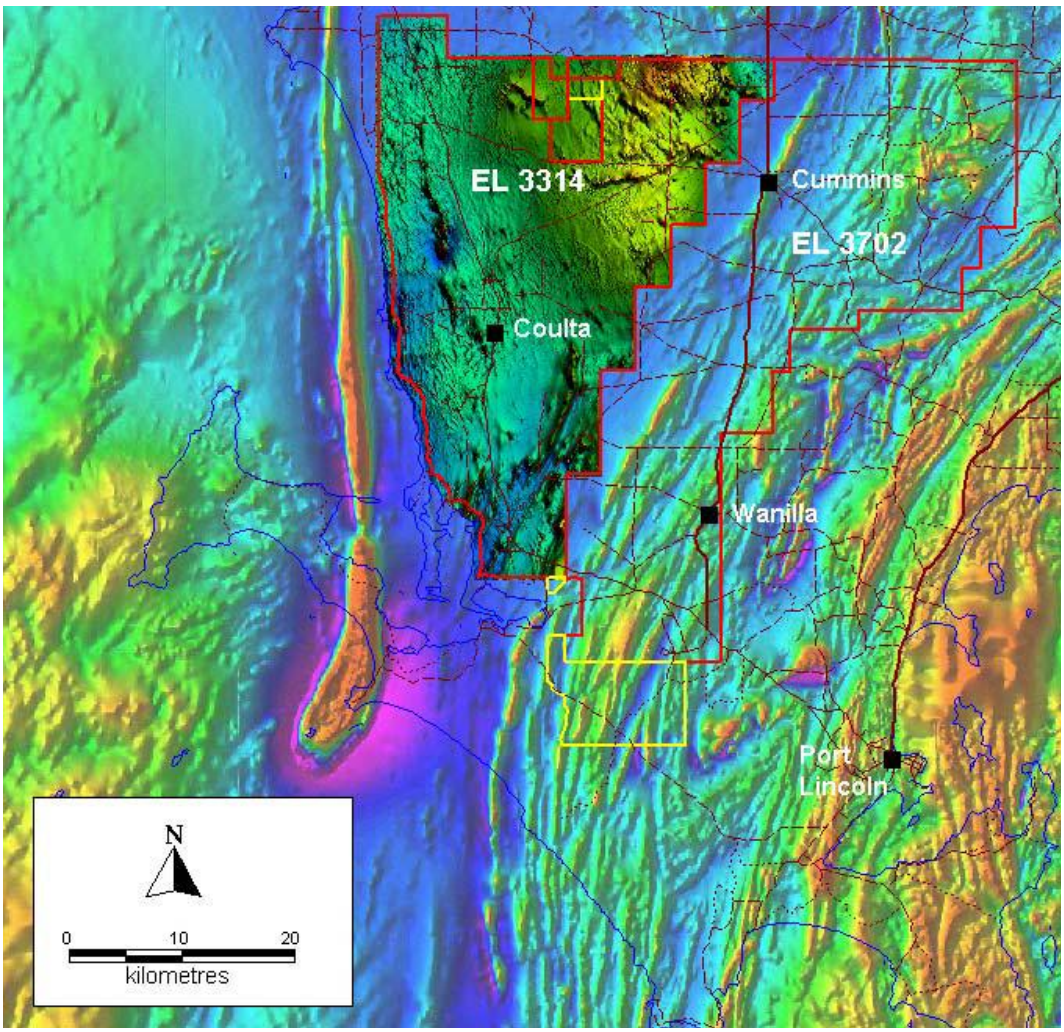

Figure 2 New aeromagnetic data (100 metre line spacing) for EL 3314 draped on regional 400 metred spaced aeromagnetic data.

Amphibolite-facies metasediments with interlayered acid and basic Archaean Hall Bay Volcanics containing anomalous copper, zinc and gold have been drilled by Werrie Gold and PIRSA to the north of EL 3314 at Mount Hope. Manganese rich garnets and gahnite indicate proximal alteration assemblages. Zinc anomalism has been intersected in a number of drillholes and thus there is good VHMS potential particularly within the felsic volcanics. EL 3314 covers over 80km of strike length of prospective stratigraphy with good possibility of structural repetition.

The Lady Franklin Mine and Moonlight Mines are located on EL 3314 and small amounts or ore containing galena and sphalerite with minor copper, silver and gold were mined in early 1900's. Ore is contained within thin sulphide rich lenses within the Hutchinson Group.

Overlying the basement in many areas of Eyre Peninsula are carbonaceous terrigenous clastics of the Pidinga Formation (Poelpena Formation or Wanilla Formation on southern Eyre Peninsula) that average 30_60 m in thickness and fill depressions and channels. These sediments are highly charged with groundwater, are pyritic and sometimes contain thin lignite. In view of the occurrence of potentially uranium-bearing granites in the regions, these channels and depressions may have potential for rollfront uranium.

Drilling was undertaken in two phases.

InterMet Resources initially drilled 22 holes (Phase 1) totalling 609 metres on EL 3314 (Figure 3). The original plan was to drill a mixture of rotary mud and air core holes, but difficulties with air core drilling due to groundwater and excessive drill bit failure prompted a change to RAB to achieve the aims of the program.

A second phase of drilling was undertaken with an RC rig aimed at drilling deeper and intersecting the magnetic features outlined by the recent aeromagnetic survey. Ten holes (COU023-032) were completed for 680 metres for a cumulative total of 33 holes for 1289 metres (Figure 4; Table 1).

The first stage of the drilling program was completed on November 29 2006. The drilling costs are outlined below:

Drilling Company	**Drilling Costs**	**GST**
Underdale Drillers	$42, 882.00	4,288.20
	Less mobilisation $6500	
	$36, 380.00	

The second phase of drilling was completed on February 7 2007. The drilling costs are outlined below:

Drilling Company	**Drilling Costs**	**GST**
Underdale Drillers		4,288.20

Results from First Program
Twenty three holes (COU001-022 & COU016A) for a total of 609 metres were completed on EL 3314. Holes COU001 and COU002 were drilled using a rotary mud rig and the other holes were drilled with an RAB/aircore rig.

The drilling failed to intersect any lithologies which would explain the aeromagnetic data due to difficult drilling conditions. Modelling of the magnetic data showed the magnetic features are between 50-90m deep and the drilling failed to penetrate to the required depth.

Best results from the first drilling program include:
Hole COU003 - 51 ppm Ag 38-41m
Hole COU006 - 481 ppm Cu (5-6 m); 324 ppm Zn (5-6 m); 1076 ppm Co (6-10 m)
Hole COU009 – 3.9 ppb Au (8-12 m).

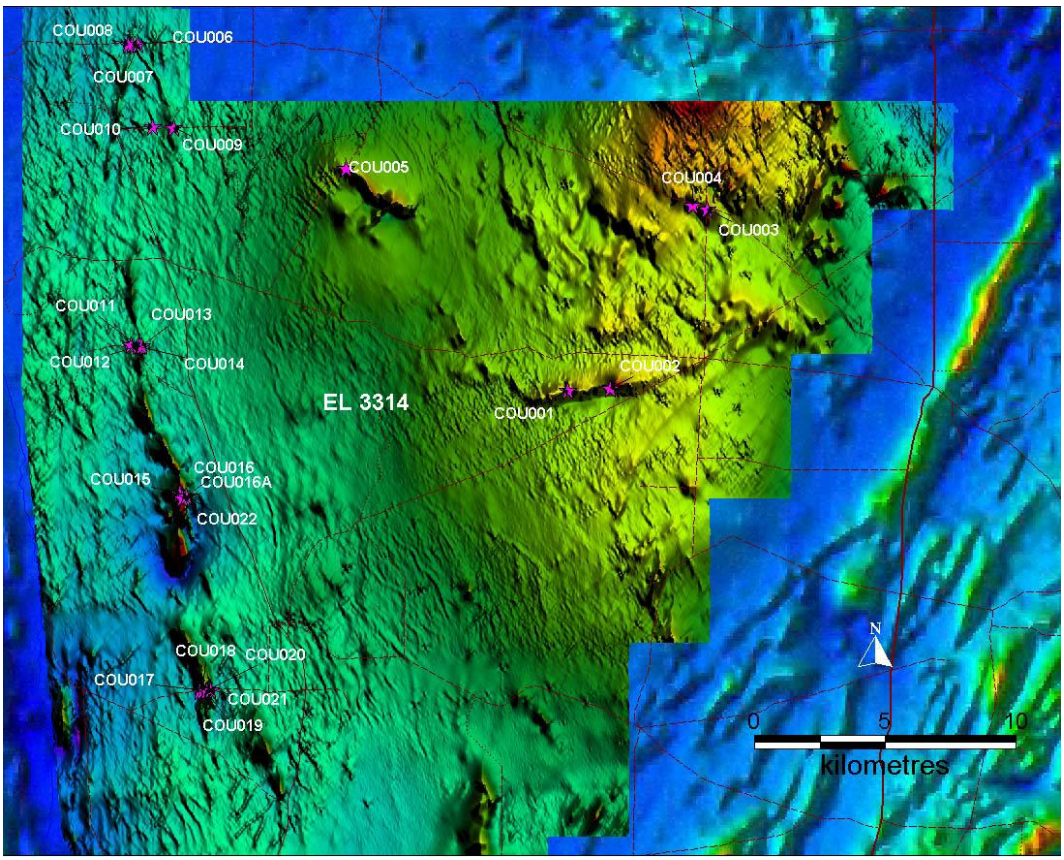

Figure 3 Location of holes from first phase of Coulta Drilling program

Results from Second Program
All holes from the second program intersected granite/gneiss interpreted to represent Wangary Gneiss with varying magnetite content.

Best results from the second drilling program include:
Hole COU031 – 0.22% Zn, 442 ppm Pb (68-72m)
Hole COU031 – 583 ppm Zn, 231 ppm Pb (72-76m)

Hole COU031 – 310 ppm Zn, 124 ppm Cu (76-80m)
Hole COU031 – 814 ppm Zn, 150 ppm Pb (80-84m)

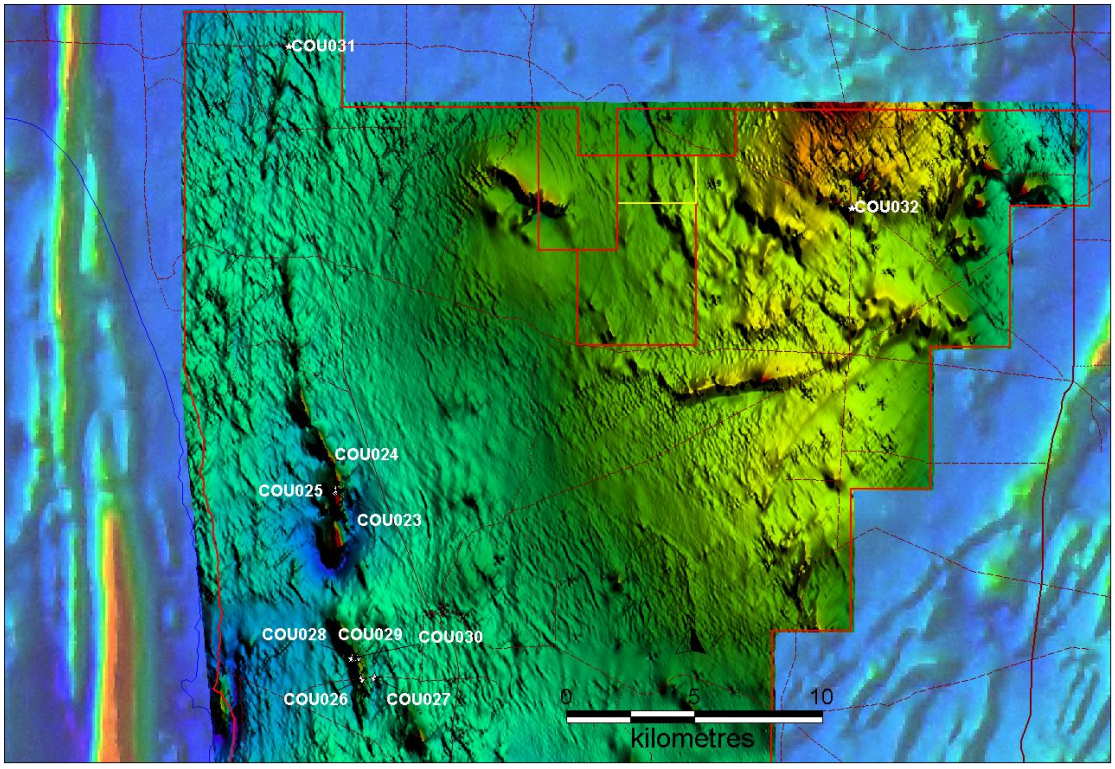

Figure 4 Location of holes from second phase of Coulta Drilling program

A summary of the drill holes is presented in Table 1.

Table 1 Drill hole summary

Hole No.	Easting	Northing	Total Depth(m)	EOH Lithology
COU001	553072	6208597	108	granite
COU002	554720	6208657	54	granite
COU003	558435	6215508	41	granite
COU004	557845	6215667	42	clay??
COU005	544596	6217064	14	biotite gneiss
COU006	536417	6221812	14	biotite gneiss
COU007	536649	6221804	22	granite
COU008	536275	6221818	27	?granite/gneiss
COU009	538019	6218611	24	biotite gneiss/schist
COU010	537210	6218641	20	granite
COU011	536646	6210295	27	granite
COU012	536723	6210300	27	granite
COU013	536784	6210300	27	biotite gneiss
COU014	536387	6210312	21	gneiss
COU015	538247	6204662	23.5	Granite/gneiss
COU016	538344	6204460	21	Granite/gneiss
COU016A	538349	6204467	20	Granite/gneiss
COU017	539036	6197102	4	granite/biotite gneiss
COU018	539142	6197113	8	granite/biotite gneiss
COU019	539252	6197123	6	granite/biotite gneiss
COU020	539275	6197126	7	granite/biotite gneiss
COU021	539416	6197146	31.5	weathered granite
COU022	538505	6204547	20	Granite
COU023	538349	6204430	126	Granite
COU024	538309	6204471	126	Granite
COU025	538275	6204495	96	Granite
COU026	539262	6197121	78	Granite
COU027	539785	6197190	26	Granite
COU028	539120	6197960	30	Granite
COU029	539020	6197960	30	Granite
COU030	538920	6197960	24	Granite
COU031	536449	6221813	96	Granite
COU032	558423	6215516	48	Granite

Summary - Drilling Program

InterMet had previously outlined 7 areas (Areas A - G – see Figure 5) as areas of interest in searching for Archaean greenstone units which potentially host nickel, gold and base metal deposits.

InterMet interprets these features are part of the greenstone sequence intersected to the north of the tenement. Drilling of similar magnetic features in the Mount Hope area intersected a sequence of mafic and felsic seafloor volcanics with interlayered magnetite rich pelitic sediments. These units are termed the Hall Bay Volcanics and are considered prospective for volcanic hosted massive sulphide deposits and gold deposits.

The first stage of the Coulta drilling program failed to intersect any lithologies which would explain the magnetic features outlined in the aeromagnetic data due to difficult drilling conditions. Modelling of the magnetic data showed the magnetic features are between 50-90m deep and the drilling failed to penetrate to the required depth. Phase two was aimed at testing the strongest magnetic features with deep RC drilling.

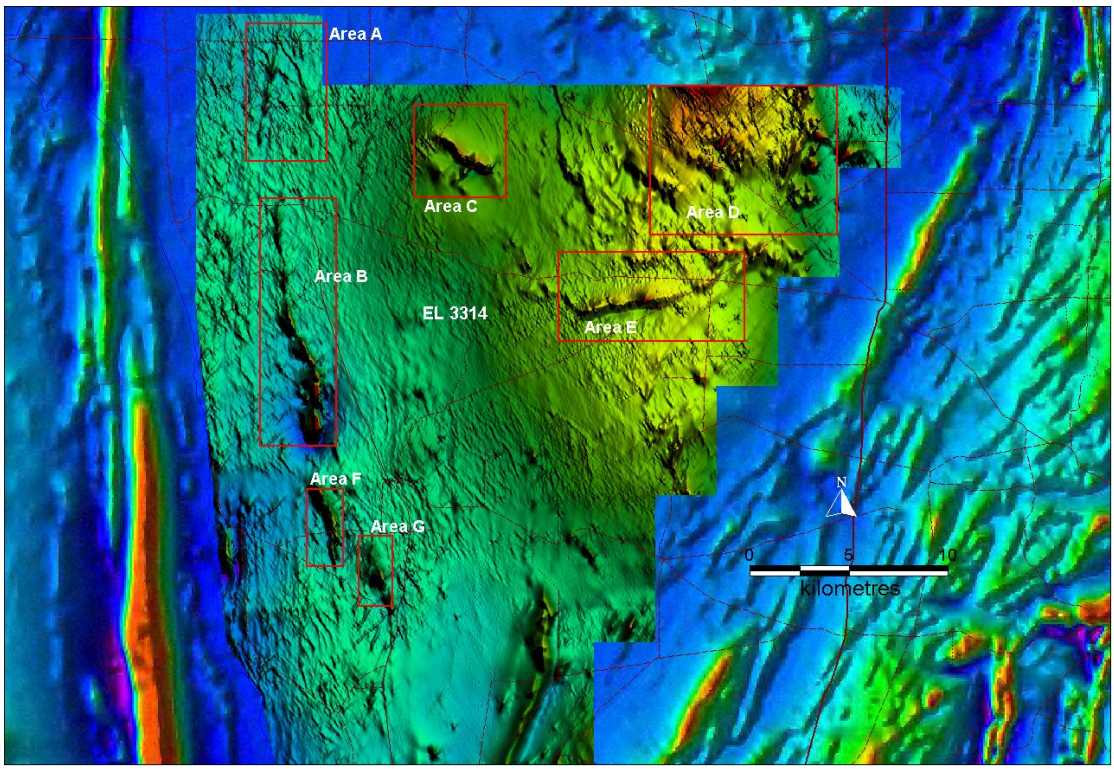

Figure 5 7 Areas on EL 3314 interpreted as representing potential Greenstone rocks.

Area A

Area A comprises a linear north-south trending fold closure (Figure 6). Previous exploration drilling within the vicinity by Abaleen Minerals was focussed on the search for kaolinite. Area A has no basement exposure and drill logs indicate basement is relatively shallow (generally <20 m) and comprises gneissic units. CRA drilled hole 81 CBR2 to the north of Area A in the search for coal and uranium and intersected granitic basement rocks at ~29 m.

5 Holes COU006-10 were drilled in Area A and all holes bottomed in granite. Hole COU006 was located in the closure of a prominent fold closure on the new aeromagnetic data Figure 6) and reported slightly anomalous Cu 481 ppm (5-6 m); Zn 324 ppm (5-6 m); and Co 1076 ppm (6-10 m). Hole COU006 bottomed at 14m within a non-magnetic biotite granite. Figure 7 shows the magnetic profile generated from the aeromagnetic data and predicts the top of the magnetic unit within the basement is located at 55 m below the ground surface.

Hole COU031 was drilled to extend the depth of COU006. A quartz-feldspar-biotite granite gneiss was intersected. Assay results show anomalous zinc up to 0.22% intersected. Best results were:
Hole COU031 – 0.22% Zn, 442 ppm Pb (68-72m)
Hole COU031 – 583 ppm Zn, 231 ppm Pb (72-76m)
Hole COU031 – 310 ppm Zn, 124 ppm Cu (76-80m)
Hole COU031 – 814 ppm Zn, 150 ppm Pb (80-84m)

This area warrants further work and InterMet plans to undertake a soil sampling program within this area later in 2007.

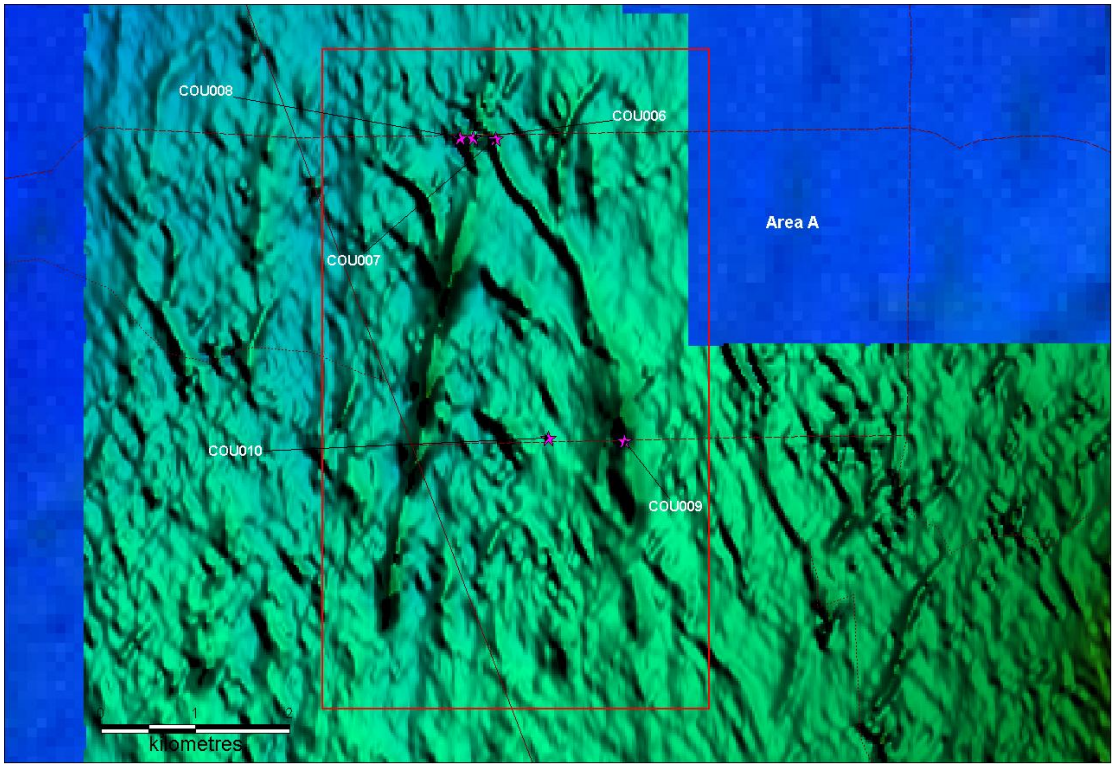

Figure 6 Detailed view of Area A showing prominent fold closure in the north.

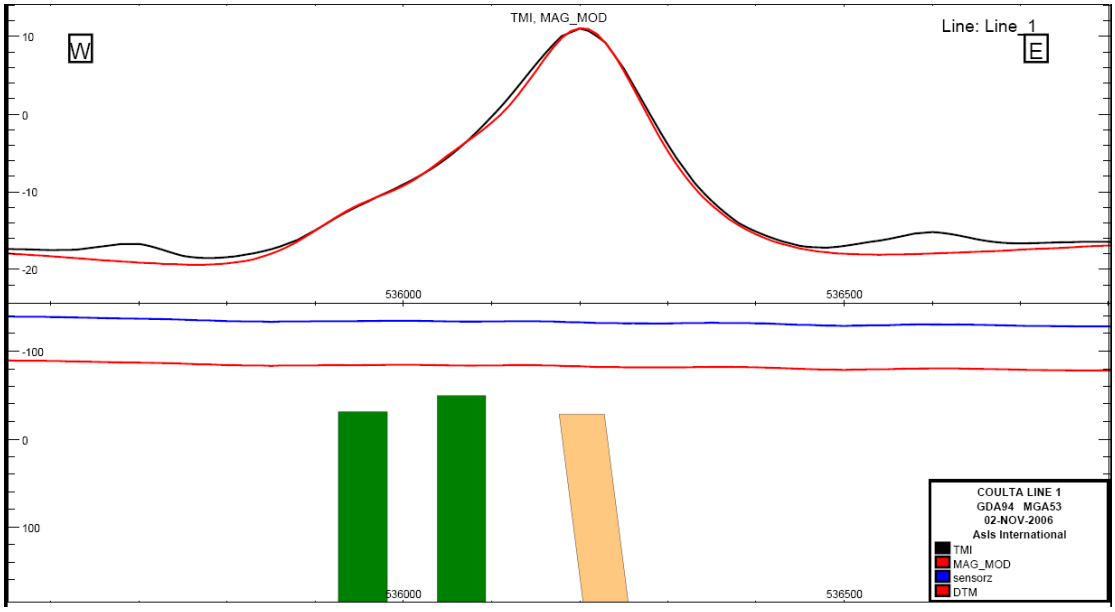

Figure 7 Modelled magnetic data for a line near hole COU006.

Area B

Area B is also a linear north-south trending magnetic feature with a strike length of 13 km (Figure 8), which contains no known exploration drill holes. Drill hole E1 drilled off the magnetic feature bottomed at 19 m in kaolinite.

4 holes COU 11-14 were drilled across a zone of N-S trending magnetic stratigraphy. All holes bottomed in biotite granite.

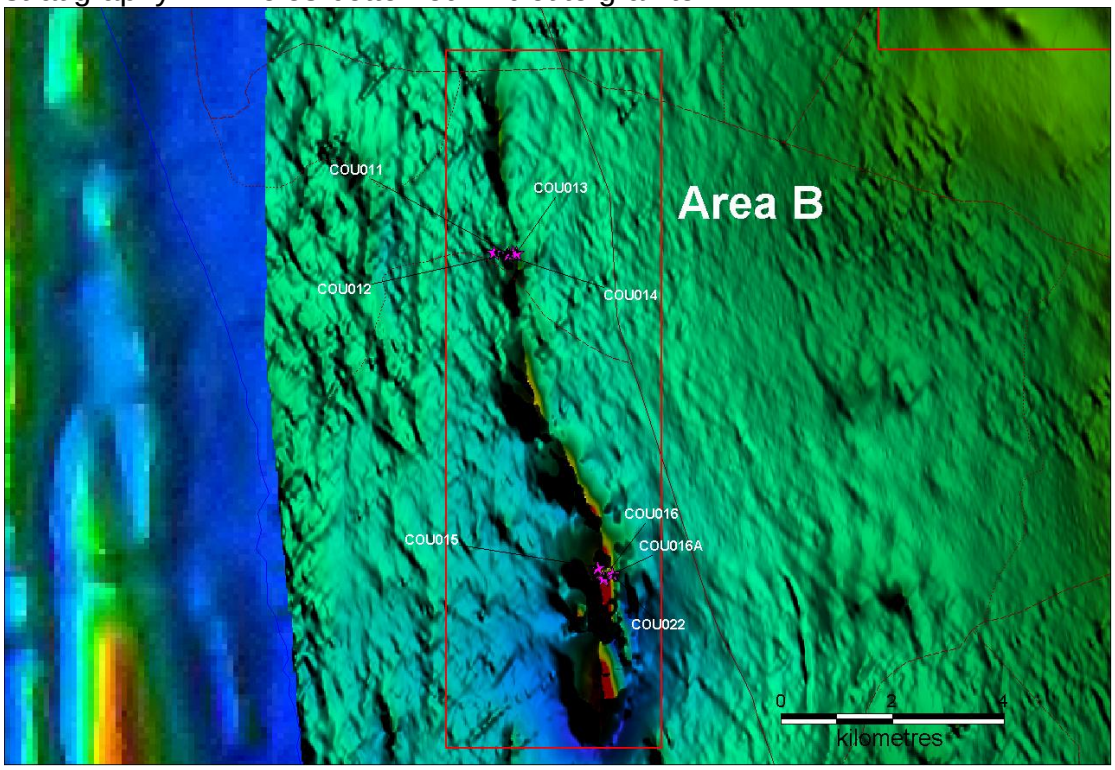

Figure 8 Detailed view of Area B

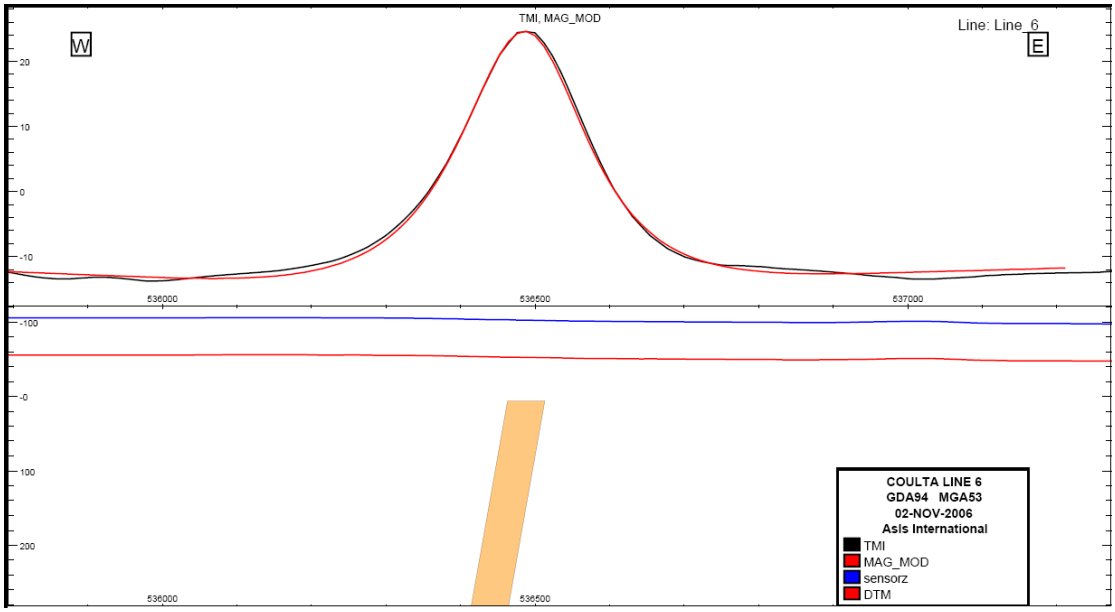

Figure 9 Modelled magnetic data for a line across holes COU011-014

Depths for holes COU011-014 ranged from 21-27 m. Figure 9 shows the predicted model of the magnetic unit within the basement. The predicted depth to the top of the magnetic unit is 55 m. No further holes were drilled on this traverse.

Holes COU015-017 and COU022 were drilled across part of the magnetic stratigraphy with the most intense magnetic response. All holes bottomed at ~22m in a non-magnetic granite. Figure 10 shows the predicted top of the magnetic basement is ~90m deep. Hence, the first drilling program failed to test the magnetic stratigraphy.

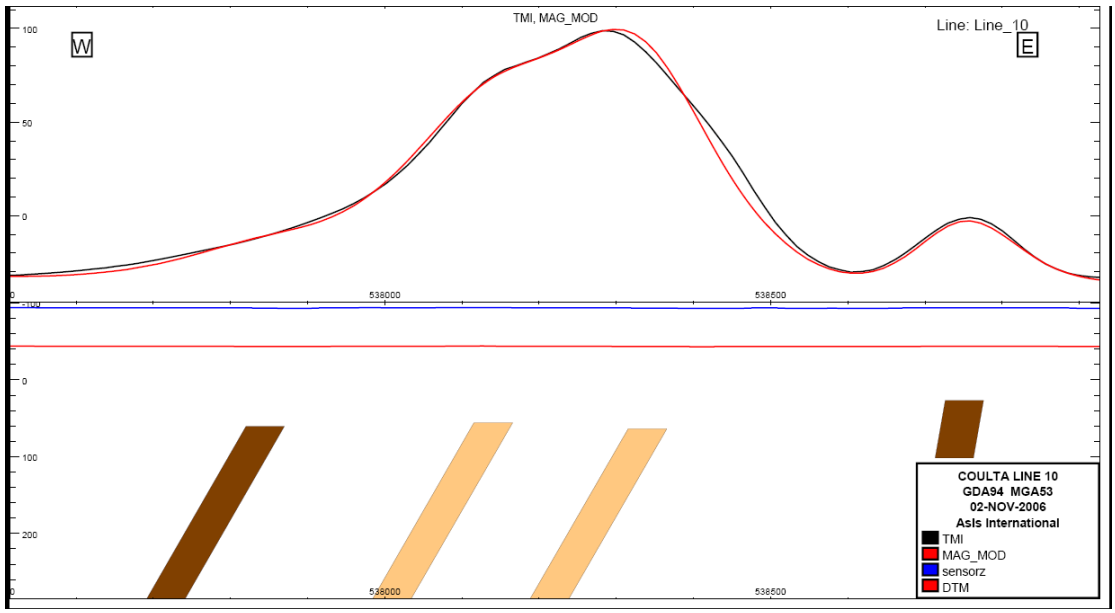

Figure 10 Modelled magnetic data for line across holes COU015-017.

Holes COU023-25 were drilled to extend the depth of the previous drilling and intersect the modelled magnetic features shown in Figure 10. All three holes

were drilled 60° to the east. All holes intersected gneissic units interpreted to be part of the Wangary Gneiss. These holes contained various amounts of magnetite which is reflected in the Fe content which ranged from 1.46% to 5.51% (Appendix B). All other assay results are low.

Area C

Area C is centred on Lake Malata and comprises a roughly circular area of complex basement rocks (Figure 11). Drill holes Lake Malata DH1-5 were drilled to define gypsum resources within Lake Malata. One hole COU005 was drilled to a depth of 14 m and intersected a non-magnetic biotite gneiss.

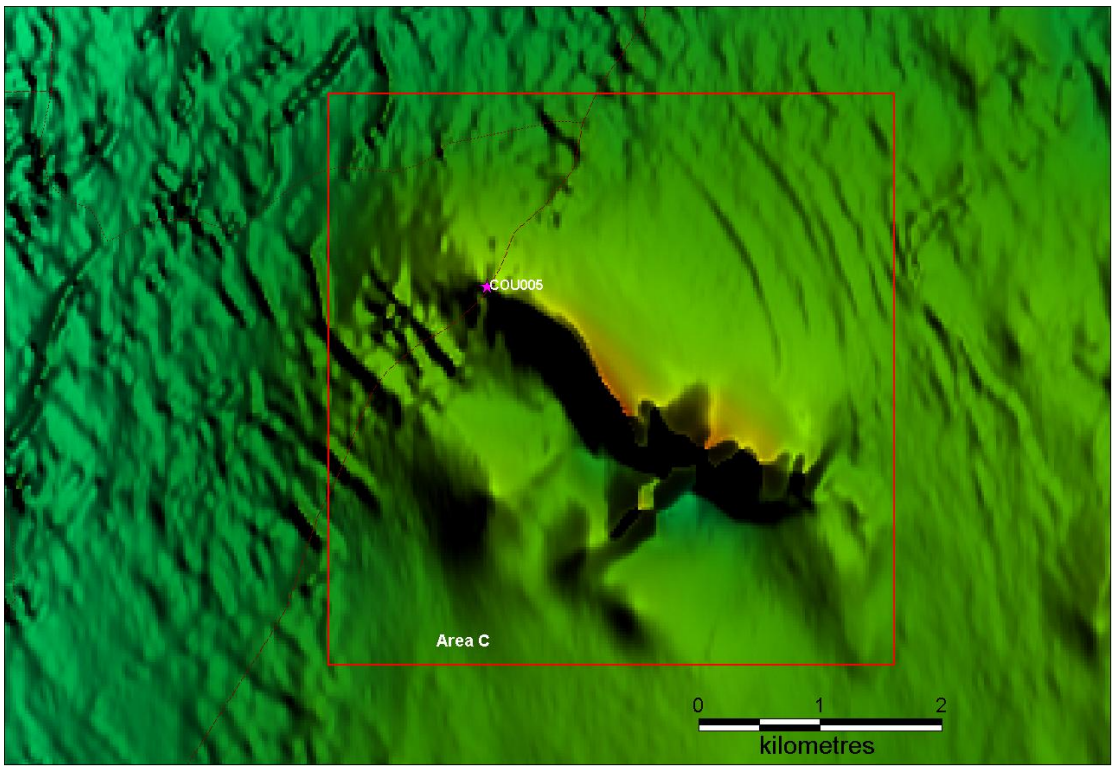

Figure 11 Detailed view of Area C.

Geophysical appraisal of this area has showed this area to be much deeper than first interpreted. On line 4C the fresh rock is interpreted to be at an RL of -175 (depth below ground about 220 metres) with a much less magnetic zone representing weathering (or magnetite destruction through alteration??) at an RL of -55, or depth below ground of about 100 metres (Figure 12). No further drilling was undertaken in this area due to excessive depth; hence the prominent magnetic feature remains untested.

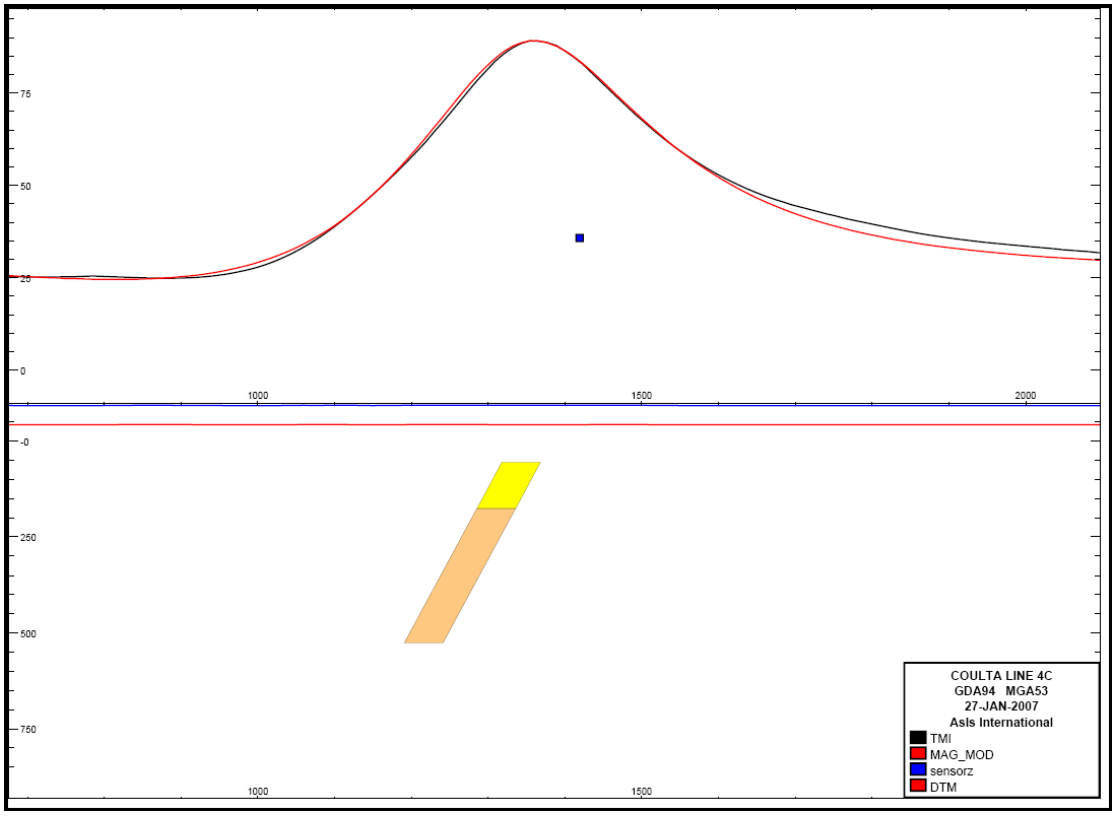

Figure 12 Modelled magnetic data for a line across hole COU005

Areas D and E

Areas D and E represent an area of complex basement lithology. Exploration drilling shows basement depth varies widely due to a major palaeochannel within the area. Area D is shown in Figure 13 and two holes COU003 and COU004 were drilled to test spot magnetic highs. Both holes intersected granite with hole COU003 containing magnetite and pyrite. Assays were generally low but the base of COU003 returned 51 ppm Ag. This may be due to contamination from the drill bit. Hole COU032 was drilled to a depth of 48m and no anomalous values were returned suggesting the initial result was due to contamination from the air core drill bit (weld).

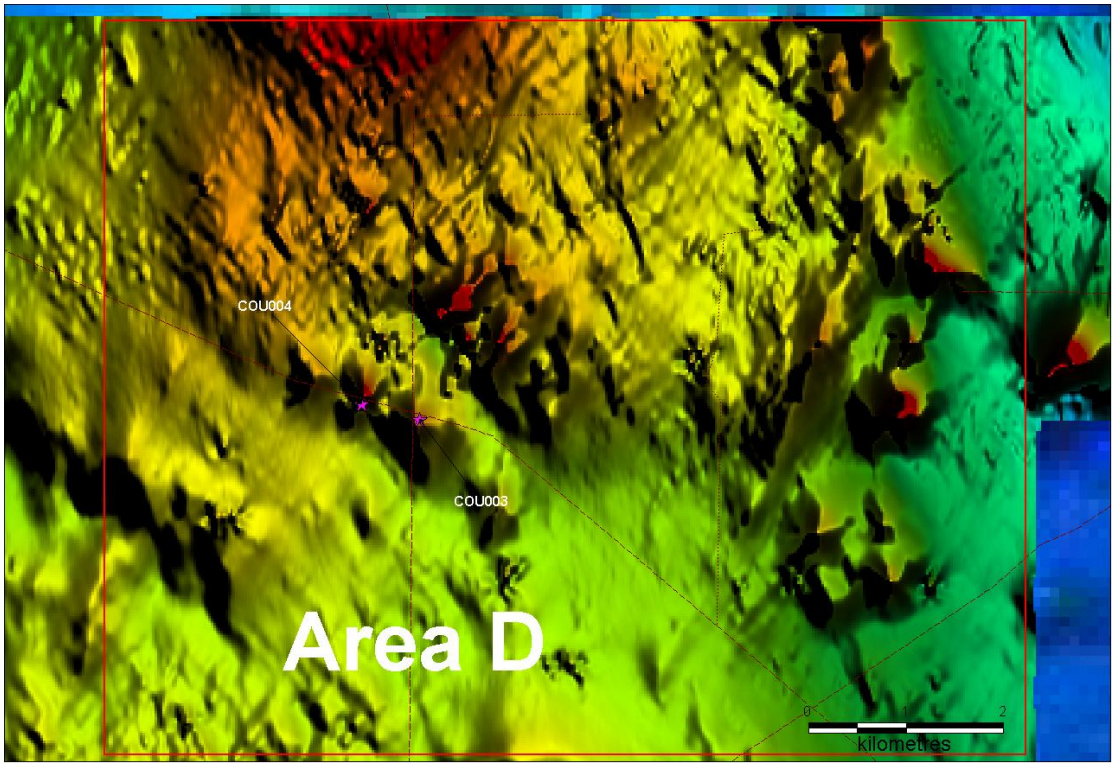

Figure 13 Detailed view of Area D.

Holes COU001 and COU002 were drilled in Area E (Figure 14). Both holes were within the Cummins Palaeochannel. COU001 bottomed at 108m and COU002 at 58m. Both holes bottomed in granite. Palaeochannel samples from these holes have been submitted for uranium analysis by InterMet's joint venture partner WCP Uranium Ltd.

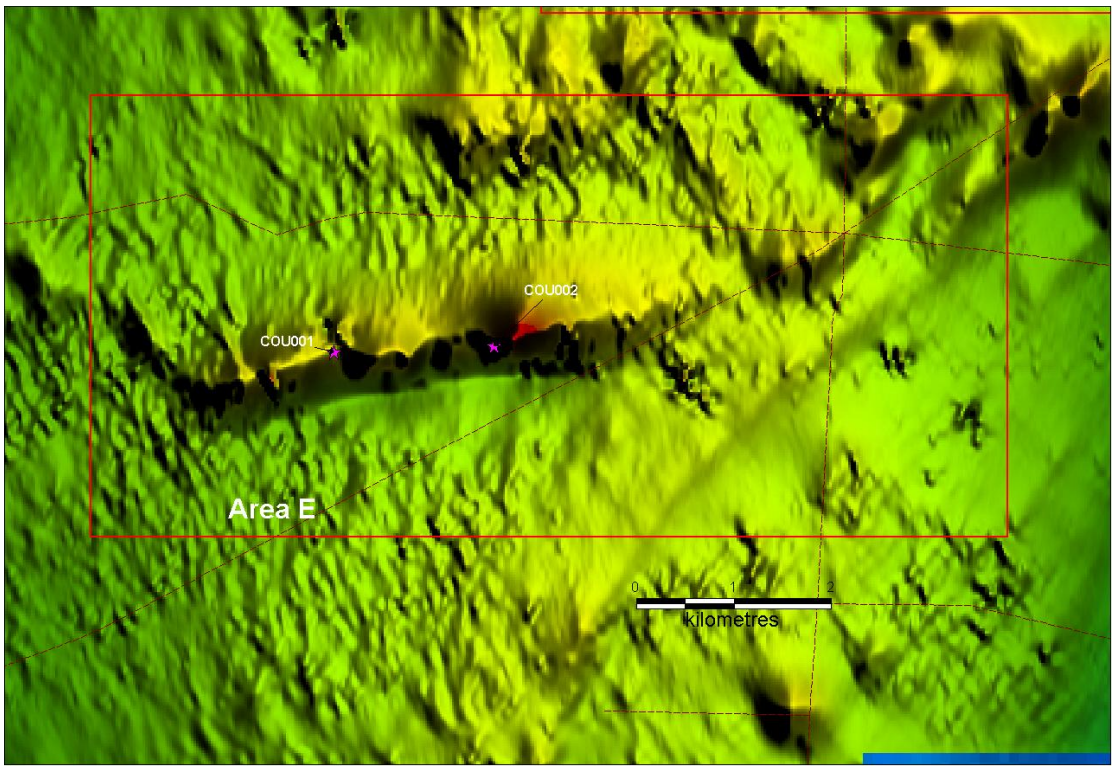

Figure 14 Detailed view of Area E

Area F

Area F is an extension of Area B (Figure 15) and comprises a roughly north-south trending linear magnetic feature. CRA drilled one line of holes and intersected a range of basement lithologies from granitic gneiss, amphibolite and mafic schist. Some of these units are interpreted to represent part of the Hall Bay Volcanics.

5 Holes COU017-021 were drilled across this magnetic unit and hole depths ranged from 4 to 31.5 m and all holes bottomed in granitic/gneissic basement rocks interpreted to be Wangary Gneiss. Figure 16 shows the modelled depth to the top of the magnetic stratigraphy and the magnetic units are interpreted to be 45 m below the ground surface.

Hole COU026 was drilled 60 to the west to a depth of 78 m and intersected a slightly magnetic variant of the Wangary Gneiss (Figure 17). Hole COU027 was drilled away from the main N-S trending magnetic feature and the Fe content was slightly lower than COU026. Fe content in COU026 ranged from 0.99% to 2.91% compared to 0.43% to 2.72% (Appendix B).

Holes COU028-COU030 were drilled to further test the basement lithology and all holes intersected magnetite bearing granitic gneiss interpreted to represent a more magnetite rich unit of the Wangary Gneiss.

Area G

Area G comprises 3 discrete magnetic features within the regional N-S trend (Figure 15).

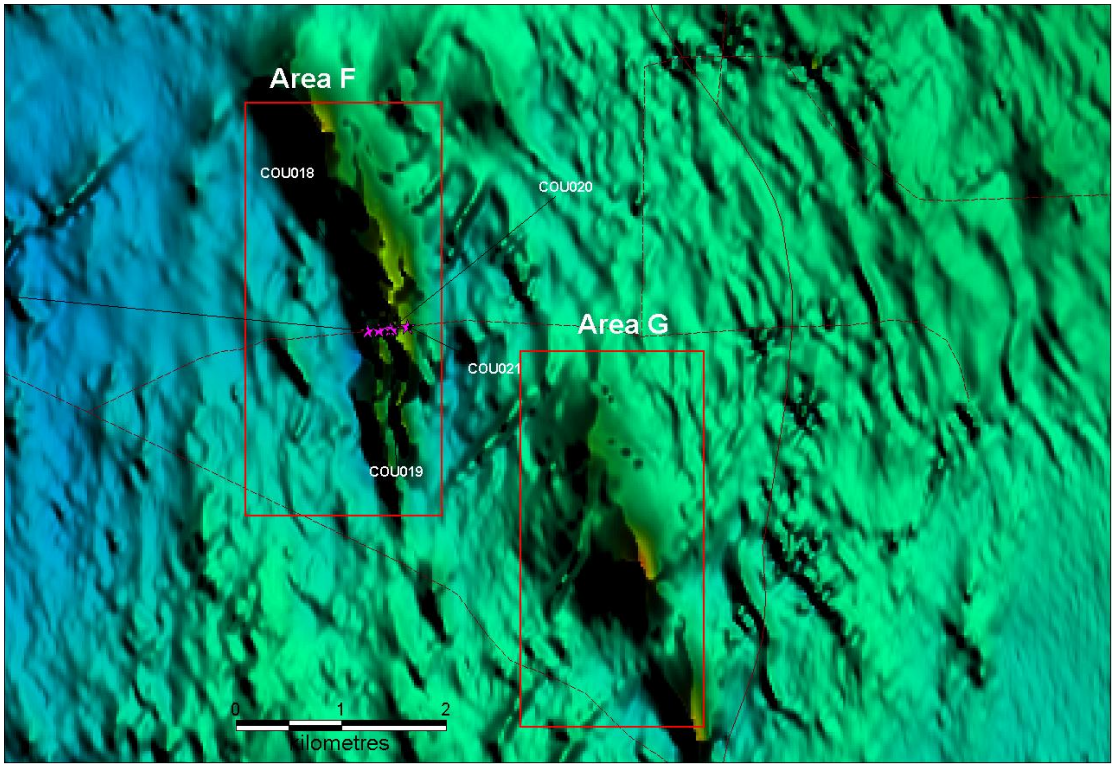

Figure 15 Detailed view of Area F and G

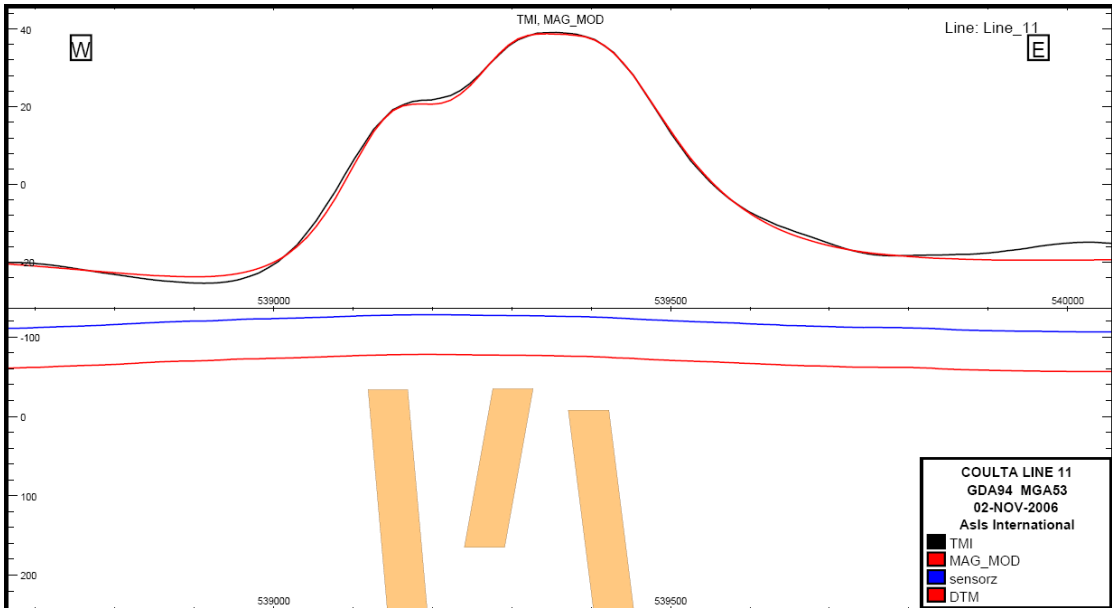

Figure 16 Modelled magnetic data for a line across holes COU017-021

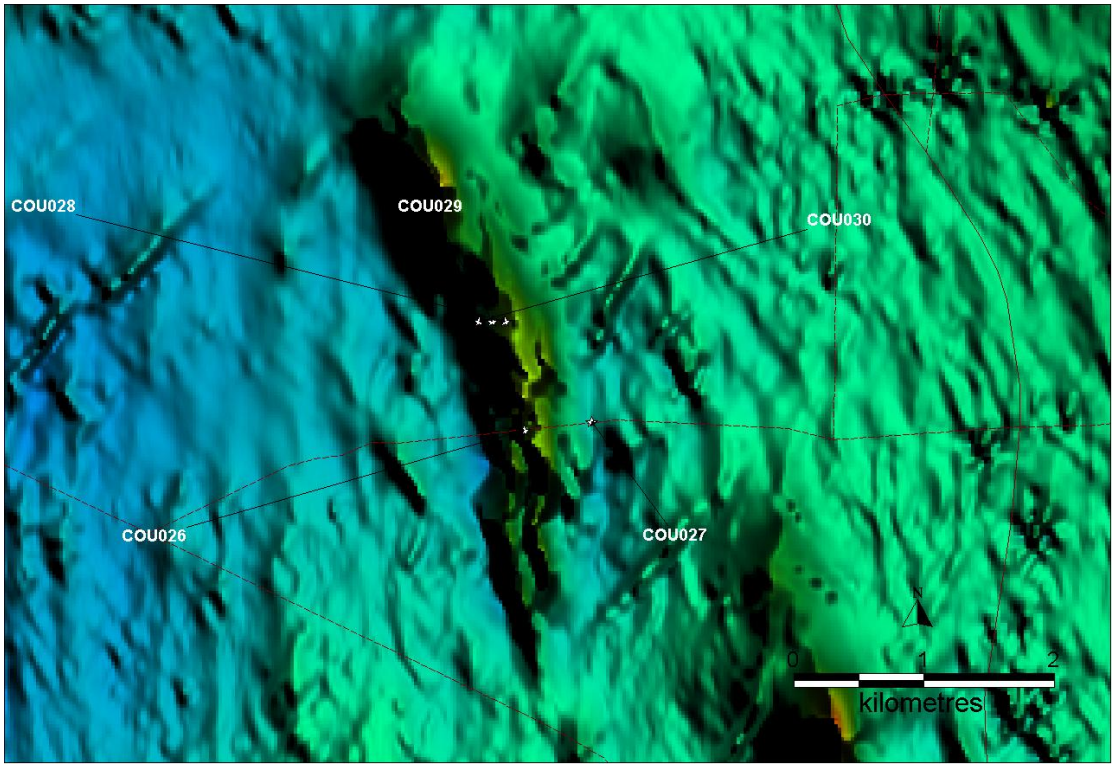

Figure 17 Detailed view of holes COU026-COU030

Conclusions

A high-resolution aeromagnetic survey over EL 3314 revealed prominent N-S trending linear magnetic features, which were interpreted to represent mafic or iron-rich units of the Archaean Hall Bay Volcanics. Thirty three holes were drilled to test the lithology of these features.

Most holes intersected granites and gneiss with interlayered biotite schist and amphibolites interpreted to be part of the Archaean Wangary Gneiss. Drill holes COU003, COU004 and COU032 intersected Moody Suite Granite.

Drill hole assays were disappointing with only low-level zinc (up to 0.22%) recorded in hole COU031.

APPENDIX A

Geochemistry from Phase 1

ELEMENTS	**Interval**	Sample No	Au	Ag	As	Co	Cu	Mg	Mn	Ni	Pb	S	Zn
UNITS	**(m)**		ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION			0.1	1	5	1	1	20	1	1	5	10	1
METHOD			B25/EETA	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES
Drill Hole No.													
COU 001	96-100	43065	1	X	X	2	2	382	76	6	12	5275	11
COU 001	100-104	43066	0.5	X	X	3	3	829	73	8	19	7754	18
COU 001	104-108	43067	0.7	X	13	5	3	1156	56	7	28	5787	19
COU002	53-54	43084	0.4	X	7	8	7	5836	463	X	18	3550	160
COU003	18-22	43091	0.2	2	6	X	4	747	68	1	88	560	16
COU003	22-26	43092	0.2	X	18	X	3	868	53	X	74	461	13
COU003	26-30	43093	0.7	1	16	X	6	699	46	1	65	1070	14
COU003	30-34	43094	0.7	2	8	X	7	571	64	3	65	2207	27
COU003	34-38	43095	0.3	3	11	X	5	546	52	2	74	1083	17
COU003	38-41	43096	1.3	51	8	18	21	524	73	3	71	1755	35
COU004	17-21	43107	0.4	2	19	X	11	563	84	1	121	5912	20
COU004	21-25	43108	0.4	2	18	X	7	440	45	4	79	5550	13
COU004	25-29	43109	1.1	X	11	X	12	576	58	X	88	791	16
COU004	29-33	43110	0.2	X	21	X	15	982	92	2	78	1635	25
COU004	33-37	43111	0.3	X	14	4	25	4203	136	14	55	1167	78
COU004	37-41	43112	0.4	X	X	7	39	7798	177	27	52	769	130
COU006	5-6	43121	2	2	8	28	481	3515	117	10	14	303	324
COU006	6-10	43122	1.8	2	9	1076	11	843	146	29	14	175	3
COU006	10-14	43123	1.8	3	7	13	8	665	64	20	10	110	6
COU007	20-21	43124	1	X	15	19	22	3342	163	7	33	227	34
COU009	6-7	43125	0.5	X	X	1	X	95	40	5	10	45	2
COU009	8-12	43126	3.9	2	7	17	6	926	123	22	49	158	12
COU009	12-16	43127	0.3	X	12	1	3	689	53	10	28	128	11
COU009	16-20	43128	0.2	1	14	2	3	510	48	6	45	65	6
COU009	20-24	43129	1.4	11	11	14	8	398	61	10	70	502	12
COU010	6-12	43130	0.7	X	34	23	30	2070	97	29	18	195	75

ELEMENTS	**Interval**	Sample No	Au	Ag	As	Co	Cu	Mg	Mn	Ni	Pb	S	Zn
UNITS	**(m)**		ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION			0.1	1	5	1	1	20	1	1	5	10	1
METHOD			B25/EETA	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES
Drill Hole No.													
COU010	12-16	43131	0.5	X	6	5	6	1351	33	12	20	169	18
COU010	16-20	43132	0.2	X	17	4	4	1207	28	3	17	156	8
COU011	11-15	43133	0.3	X	18	8	7	1484	42	11	18	77	10
COU011	15-19	43134	0.5	X	17	7	5	1090	45	8	15	80	8
COU011	19-23	43135	0.5	X	15	4	14	904	51	20	20	151	14
COU011	23-26	43136	0.2	X	13	3	6	803	36	8	14	81	9
COU012	6-9	43137	0.6	X	15	10	X	2901	34	23	10	177	4
COU012	9-13	43138	0.7	X	12	8	1	718	38	4	15	75	3
COU012	13-17	43139	0.2	X	12	2	2	541	26	X	13	40	3
COU012	17-21	43140	0.2	X	11	2	2	672	17	2	6	57	5
COU012	21-25	43141	0.3	X	11	4	4	2565	30	7	15	67	9
COU012	25-27	43142	0.4	X	6	5	4	3589	40	7	14	237	12
COU013	6-8	43143	0.7	X	18	9	X	3577	191	6	11	99	X
COU013	8-12	43144	0.4	X	7	5	X	3200	109	4	12	63	X
COU013	12-16	43145	0.4	X	X	3	X	6334	50	15	12	48	4
COU013	16-20	43146	0.2	X	X	12	6	15836	129	59	7	34	22
COU013	20-24	43147	X	X	X	14	1	22769	248	66	X	28	37
COU013	24-26	43148	0.1	X	X	11	5	19533	191	53	7	129	25
COU013	26-28	43149	0.3	X	X	8	2	17445	148	47	10	106	17
COU014	15-19	43150	0.3	X	6	3	X	24373	57	15	6	18	19
COU014	19-20	43151	0.2	X	X	2	X	76903	299	33	X	21	19
COU014	20-21	43152	0.2	X	X	1	X	63153	199	18	X	X	13
COU015	23-23.5	43153	X	X	X	X	X	1197	42	3	30	80	X
COU017	3-4	43154	0.4	X	5	X	X	3043	38	3	31	285	X
COU018	4-7	43155	0.5	X	6	X	X	6301	33	3	29	565	X
COU018	7-8	43156	0.5	1	13	X	X	6475	37	3	16	522	X
COU019	3-5	43157	2.3	X	12	1	2	4400	117	7	50	481	38

ELEMENTS	**Interval**	Sample No	Au	Ag	As	Co	Cu	Mg	Mn	Ni	Pb	S	Zn
UNITS	**(m)**		ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION			0.1	1	5	1	1	20	1	1	5	10	1
METHOD			B25/EETA	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES
Drill Hole No.													
COU019	5-6	43158	0.8	X	X	X	3	2728	103	6	77	174	36
COU020	6-7	43159	0.9	X	11	X	X	1225	36	5	46	97	4
COU020	7-8	43160	0.5	X	X	X	X	1153	38	4	47	64	4
COU021	4-7	43161	0.4	X	21	2	X	2326	29	10	X	123	2
COU021	7-15	43162	0.9	X	13	X	X	1141	25	2	25	84	4
COU021	15-21	43163	0.3	X	12	X	1	1098	26	1	72	187	3
COU021	21-28	43164	X	X	12	X	2	1783	40	3	42	134	9
COU021	30-31	43165	0.2	X	5	X	3	1508	41	4	39	118	13
COU021	31-31.5	43166	0.2	X	7	X	2	1753	59	8	39	98	19
COU016	20-21	43167	X	X	X	X	X	4296	49	5	X	83	1
COU022	6-8	43168	0.4	X	7	X	X	5763	41	5	7	113	X
COU022	8-10	43169	0.2	X	X	X	4	4364	46	9	6	132	2
COU022	10-14	43170	0.2	X	X	X	4	7053	28	6	X	118	4
COU022	14-18	43171	0.2	X	8	3	18	5268	74	12	X	132	27
COU022	18-20	43172	0.3	X	X	17	44	17150	507	23	X	142	100
CHECKS													
43065			0.7	X	X	2	2	418	93	6	7	4693	9
43131			0.5	X	8	5	6	1298	28	12	21	175	17
43157			2.2	X	14	1	2	4150	106	7	52	456	34
STANDARDS													
CMM-04			47.4										
OREAS 45P				X	11	131	732	2251	1368	414	21	314	144
CMM-04			45.5										
TKC5				16	664	165	1674	17027	2041	2313	1555	12813	1133
CMM-04			45.2										

ELEMENTS	**Interval**	Sample No	Au	Ag	As	Co	Cu	Mg	Mn	Ni	Pb	S	Zn
UNITS	**(m)**		ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION			0.1	1	5	1	1	20	1	1	5	10	1
METHOD			B25/EETA	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES	AT/OES
Drill Hole No.													
TKCLOW-2				5	144	37	298	18650	1008	550	186	7326	284
CMM-04			45.6										
WMG-1				2	X	180	5679	65129	1062	2529	11	33992	106
BLANKS													
Control Blank			0.1	X	X	2	X	X	2	2	X	X	1
Control Blank				X	X	1	2	22	4	2	X	16	X
Control Blank			X										
Acid Blank				X	X	X	2	27	2	1	X	X	X

APPENDIX B

Geochemistry from Phase 2

ELEMENTS	Drill Hole	Interval	Au	Ag	As	Bi	Cu	Fe	Ni	Pb	U	Zn
UNITS			ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
DETECTION			1	0.01	0.5	0.01	1	0.01	1	1	0.01	1
METHOD			B/ETA	B/MS	B/MS	B/MS	B/OES	B/OES	B/OES	B/MS	B/MS	B/OES
43173	COU023	28-32	X	0.03	X	0.01	5	2.74	27	12	11.47	21
43174	COU023	32-36	X	0.01	X	0.02	7	2.2	7	9	13.15	18
43175	COU023	36-40	X	0.05	0.9	0.08	5	1.69	7	10	15.35	10
43176	COU023	40-44	X	0.04	0.6	0.02	6	3.36	7	5	9.78	13
43177	COU023	44-48	X	0.02	X	0.02	4	3.61	11	8	10.01	21
43178	COU023	48-52	X	0.13	X	0.05	3	5.05	19	7	8.53	25
43179	COU023	52-56	X	0.02	X	0.02	5	4.33	7	6	12.61	11
43180	COU023	56-60	1	X	0.7	0.02	4	2.77	5	6	16.84	11
43181	COU023	60-64	X	X	X	0.03	3	1.81	6	5	16.02	10
43182	COU023	64-68	X	X	X	0.01	6	1.54	5	7	12.66	7
43183	COU023	68-72	X	X	X	0.01	4	1.29	5	8	14.07	9
43184	COU023	72-76	3	X	X	0.02	6	2.04	6	7	16.47	15
43185	COU023	76-80	X	X	X	0.01	4	1.89	6	6	17.81	20
43186	COU023	80-84	X	X	X	0.02	8	2.89	6	3	9.05	14
43187	COU023	84-88	X	X	X	0.02	9	1.87	6	5	10.14	14
43188	COU023	88-92	X	X	X	0.02	6	4.6	44	4	8	39
43189	COU023	92-96	X	X	X	0.02	2	4.4	5	4	6.54	50
43190	COU023	96-100	X	X	X	0.01	1	4.82	5	5	8.03	54
43191	COU023	100-104	X	X	X	0.02	3	2.89	5	7	9.53	29
43192	COU023	104-108	X	X	X	0.02	5	2.51	4	6	13.59	21
43193	COU023	108-112	X	X	X	0.02	6	2.44	7	5	10.19	19
43194	COU023	112-116	X	X	X	0.01	6	2.64	9	8	8.51	27
43195	COU023	116-120	X	X	X	0.02	6	2.2	5	6	7.01	16
43196	COU023	120-124	X	X	X	0.02	3	1.56	4	5	5.38	8
43197	COU023	124-126	X	X	X	0.03	3	1.63	6	4	3.29	10
43198	COU024	28-32	1	X	X	0.02	4	3.73	9	5	5.23	14
43199	COU024	32-36	X	X	0.7	0.04	1	3.9	10	5	6.4	20
43200	COU024	36-40	X	X	X	0.01	3	1.48	5	7	12.82	8

ELEMENTS	Drill Hole	Interval	Au	Ag	As	Bi	Cu	Fe	Ni	Pb	U	Zn
UNITS			ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
DETECTION			1	0.01	0.5	0.01	1	0.01	1	1	0.01	1
METHOD			B/ETA	B/MS	B/MS	B/MS	B/OES	B/OES	B/OES	B/MS	B/MS	B/OES
43201	COU024	40-44	X	X	X		0.01	4	1.86	8	8	11.59	15
43202	COU024	44-48	X	X		1.8	0.02	5	2.09	10	7	15.67	13
43203	COU024	48-52	X	X	X		0.01	6	3.06	11	6	15.71	24
43204	COU024	52-56	X	X	X		0.03	7	5.51	8	5	6.07	14
43205	COU024	56-60	X	X	X		0.01	4	2	7	6	7.67	11
43206	COU024	60-64	X	X	X		0.01	3	1.46	7	5	9.97	9
43207	COU024	64-68	X	X		0.8	0.02	7	2.91	7	5	8.11	9
43208	COU024	68-72	X	X		0.7	X	6	3.53	6	3	12.25	14
43209	COU024	72-76	X	X	X		0.01	6	2.62	6	5	16.43	14
43210	COU024	76-80	X	X	X		0.01	5	1.91	6	7	12.81	16
43211	COU024	80-84	X	X	X		0.01	4	2.16	6	7	8.73	18
43212	COU024	84-88	X	X		0.7	0.02	5	2.11	6	7	15.24	14
43213	COU024	88-92	X	X	X		0.01	5	1.76	6	12	23.65	12
43214	COU024	92-96	X	X	X		0.02	4	1.49	5	25	20.39	12
43215	COU024	96-100	X	X		0.7	0.02	7	1.92	6	4	19.21	11
43216	COU024	100-104	X	X	X		0.02	7	2.04	7	4	14.57	11
43217	COU024	104-108	X	X	X		0.02	6	3.54	7	5	11.5	13
43218	COU024	108-112	X	X	X		0.02	5	2.29	6	5	12.03	13
43219	COU024	112-116	X	X	X		0.02	4	2.04	6	4	12.53	15
43220	COU024	116-120	X	X	X		0.02	4	2.19	5	5	9.4	22
43221	COU024	120-122	X	X	X		0.03	3	3.18	6	5	9.93	24
43222	COU024	122-126	X	X	X		0.01	6	1.75	5	6	10.89	11
43223	COU025	36-40		4	X	X	0.05	4	0.4	3	4	6.48	3
43224	COU025	40-44		2	0.02	1.7	0.19	7	1.53	6	6	7.15	12
43225	COU025	44-48	X		0.01	1.9	0.09	2	3.32	12	3	6.01	15
43226	COU025	48-52	X		0.04	X	0.05	3	4.88	13	4	5.57	19
43227	COU025	52-56		1	0.05	4.1	0.02	5	2.21	7	3	11.01	18
43228	COU025	56-60	X		0.02	2.5	0.03	4	2.92	9	3	10.79	18

ELEMENTS	Drill Hole	Interval	Au	Ag	As	Bi	Cu	Fe	Ni	Pb	U	Zn
UNITS			ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
DETECTION			1	0.01	0.5	0.01	1	0.01	1	1	0.01	1
METHOD			B/ETA	B/MS	B/MS	B/MS	B/OES	B/OES	B/OES	B/MS	B/MS	B/OES
43229	COU025	60-64	X		0.01	0.9	0.01	4	1.71	6	4	8.52	12
43230	COU025	64-68	X		0.01	0.9	0.01	4	1.55	6	5	9.33	13
43231	COU025	68-72	X		0.08	0.6	0.2	4	1.65	6	7	15.06	14
43232	COU025	72-76	X		0.05	X	0.02	3	1.78	5	6	5.98	13
43233	COU025	76-79	X		0.03	0.7	0.02	4	1.64	6	3	6.72	13
43234	COU025	79-81	X		0.02	0.7	0.04	28	6.28	69	10	4.5	48
43235	COU025	81-84	X		0.01	0.6	0.04	8	1.96	8	5	11.89	15
43236	COU025	84-88	X	X		0.5	0.02	5	1.75	6	3	12.33	12
43237	COU025	88-92	X	X	X		0.01	3	1.82	4	10	7.64	15
43238	COU025	92-96	X	X		1.2	0.01	4	4.9	5	3	7.41	27
43239	COU026	0-4	X		0.01	2.5	0.07	12	2.91	9	14	0.67	18
43240	COU026	4-8	X	X		0.7	0.03	5	1.28	3	14	0.99	16
43241	COU026	8-12	X		0.02	0.7	0.03	15	2.3	10	11	3.98	59
43242	COU026	12-16	X		0.03	0.7	0.03	8	1.58	8	12	2.58	40
43243	COU026	16-20		1	0.08	1	0.04	8	1.01	6	12	2.98	30
43244	COU026	20-24	X		0.09	1.2	0.04	11	1.8	9	11	4.4	58
43245	COU026	24-28	X		0.06	1.2	0.04	9	1.77	12	10	3.7	49
43246	COU026	28-32	X		0.07	1.3	0.04	10	1.53	14	9	3.73	44
43247	COU026	32-36	X		0.08	1.4	0.04	6	1.5	11	10	3.26	41
43248	COU026	36-40	X		0.06	1.3	0.05	6	1.39	12	11	4.6	46
43249	COU026	40-44	X		0.05	1.4	0.13	6	1.17	9	12	4.11	37
43250	COU026	44-48	X		0.05	1.4	0.11	5	1.03	7	13	4.27	36
43251	COU026	48-52	X		0.04	0.9	0.06	4	1.2	8	12	4.33	36
43252	COU026	52-56	X		0.05	1.5	0.08	5	0.99	7	13	3.38	32
43253	COU026	56-60	X		0.05	1.3	0.05	10	1.67	14	10	5.26	56
43254	COU026	60-64	X		0.05	1	0.03	6	1.25	7	10	3.26	41
43255	COU026	64-68		2	0.08	1	0.08	19	2.23	7	10	4.51	68
43256	COU026	68-72	X		0.05	1.5	0.04	7	1.89	7	10	3.68	62

ELEMENTS	Drill Hole	Interval	Au	Ag	As	Bi	Cu	Fe	Ni	Pb	U	Zn
UNITS			ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
DETECTION			1	0.01	0.5	0.01	1	0.01	1	1	0.01	1
METHOD			B/ETA	B/MS	B/MS	B/MS	B/OES	B/OES	B/OES	B/MS	B/MS	B/OES
43257	COU026	72-76	X		0.07	0.8	0.04	17	2.77	12	9	3.24	88
43258	COU026	76-78	X		0.05	1.1	0.05	10	2.29	6	11	2.97	54
43259	COU027	0-4		2	0.02	3.8	0.1	16	2.72	6	13	0.5	7
43260	COU027	4-8	X		0.01	0.7	0.04	6	0.43	2	17	0.82	5
43261	COU027	8-12	X		0.01	2.4	0.03	8	0.82	2	16	2.02	4
43262	COU027	12-16	X		0.05	2.2	0.07	10	0.67	2	14	5.62	5
43263	COU027	16-20		1	0.02	X	0.1	4	0.68	3	10	3.53	16
43264	COU027	20-24		1	0.04	1.7	0.12	10	1.54	4	10	3.99	28
43265	COU027	24-26	X		0.03	1.7	0.1	6	1.23	5	10	3.43	31
43266	COU028	0-4	X		0.02	5.4	0.19	5	4.98	9	12	0.47	9
43267	COU028	4-8		1 X		0.5	0.04	2	0.32	2	5	0.58	4
43268	COU028	8-12	X	X		0.8	0.03	5	1.12	4	14	1.08	5
43269	COU028	12-16	X	X		0.6	0.04	5	0.61	2	28	2.87	4
43270	COU028	16-20	X		0.01	X	0.06	6	0.41	2	33	6.78	3
43271	COU028	20-24	X		0.03	X	0.09	22	2.62	15	25	12.01	73
43272	COU028	24-28	X		0.07	0.8	0.09	51	4.84	39	17	21.3	151
43273	COU028	28-30	X		0.1	X	0.13	85	5.87	44	23	31.34	199
43274	COU029	0-4	X		0.03	3.9	0.13	5	2.57	7	7	0.77	9
43275	COU029	4-8		1 X		0.8	0.06	3	0.65	2	21	0.83	4
43276	COU029	8-12	X	X	X		0.03	3	0.26	2	17	1.14	3
43277	COU029	12-16	X	X	X		0.09	2	0.29	2	20	3.16	1
43278	COU029	16-20	X	X	X		0.05	10	2.05	8	13	4.27	52
43279	COU029	20-24	X		0.11	1.2	0.06	39	2.26	12	11	25.62	84
43280	COU029	24-28	X		0.09	0.9	0.04	31	0.89	7	15	29.72	26
43281	COU029	28-30	X		0.03	0.9	0.04	7	0.77	6	13	30.02	15
43282	COU030	0-4		2	0.03	1.2	0.06	2	0.74	3	12	1.03	4
43283	COU030	4-8	X		0.02	1.2	0.04	3	0.87	3	14	2.06	22
43284	COU030	8-12	X		0.04	0.8	0.05	7	1.59	7	11	4.29	46

ELEMENTS	Drill Hole	Interval	Au	Ag	As	Bi	Cu	Fe	Ni	Pb	U	Zn
UNITS			ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
DETECTION			1	0.01	0.5	0.01	1	0.01	1	1	0.01	1
METHOD			B/ETA	B/MS	B/MS	B/MS	B/OES	B/OES	B/OES	B/MS	B/MS	B/OES
43285	COU030	12-16	X		0.04	0.5	0.04	11	2.66	10	11	6.41	76
43286	COU030	16-20	X		0.06	0.6	0.05	13	2.67	10	9	6.94	78
43287	COU030	20-24	X		0.04	X	0.04	14	2.9	11	10	6.92	87
43288	COU031	0-4	X		0.03	5.3	0.21	1	4.56	17	11	0.66	7
43289	COU031	4-8		3	0.01	X	0.35	1	0.47	4	10	0.31	2
43290	COU031	8-12		2	0.01	1.5	0.36	2	1.26	2	16	1.72	3
43291	COU031	12-16	X		0.02	0.8	0.3	4	0.78	3	5	5.83	10
43292	COU031	16-20	X	X		0.7	1.23	3	0.42	1	7	3.42	5
43293	COU031	20-24		2	0.05	0.9	1.16	5	0.46	2	8	4.19	9
43294	COU031	24-28		1	0.03	0.8	0.12	4	0.58	5	4	6.88	21
43295	COU031	28-32	X		0.04	0.7	0.07	2	0.62	5	5	4.71	18
43296	COU031	32-36	X		0.04	0.9	0.08	3	0.74	7	4	5.16	25
43297	COU031	36-40	X		0.03	1.4	0.27	3	1	9	5	5.25	48
43298	COU031	40-44	X		0.04	1	0.32	5	1.35	21	4	4.67	55
43299	COU031	44-48		1	0.09	0.6	0.87	1	2.5	46	4	3.96	44
43300	COU031	48-52		3	0.08	X	1.19	1	2.6	49	3	3.74	35
43301	COU031	52-56	X		0.04	0.8	0.5	3	1.66	23	4	4.03	21
43302	COU031	56-60	X		0.03	0.7	0.53	2	2.46	35	3	2.99	25
43303	COU031	60-64	X		0.04	1.1	0.21	4	1.52	13	10	6.93	41
43304	COU031	64-68	X		0.05	0.8	0.14	4	1.17	6	6	8.86	23
43305	COU031	68-72		1	0.34	7	0.67	36	2.96	25	**442**	5.62	**2214**
43306	COU031	72-76	X		0.42	8.5	0.5	70	5.06	63	**231**	6.8	**583**
43307	COU031	76-80	X		0.33	1.9	0.41	**124**	5.01	48	85	4.03	**310**
43308	COU031	80-84	X		0.18	1.4	0.15	35	3.68	51	**150**	3.75	**814**
43309	COU031	84-88	X		0.11	0.7	0.39	63	6	80	15	1.5	121
43310	COU031	88-92	X		0.09	1	0.09	18	3.09	37	15	4.67	77
43311	COU031	92-96	X		0.04	0.9	0.06	X	0.03	X	6	5.47	X
43312	COU032	0-4		4	0.03	4.4	0.14	7	3.09	12	8	1.15	10

ELEMENTS	Drill Hole	Interval	Au	Ag	As	Bi	Cu	Fe	Ni	Pb	U	Zn
UNITS			ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
DETECTION			1	0.01	0.5	0.01	1	0.01	1	1	0.01	1
METHOD			B/ETA	B/MS	B/MS	B/MS	B/OES	B/OES	B/OES	B/MS	B/MS	B/OES
43313	COU032	4-8	X		0.02	2.6	0.09	4	1.1	4	4	0.59	4
43314	COU032	8-12	X		0.01	5.5	0.03	7	1.12	4	6	1.07	3
43315	COU032	12-16		1 X		18.8	0.15	9	5.84	2	17	2.97	5
43316	COU032	16-20		2 X		2.6	0.03	4	0.72	4	22	2.95	5
43317	COU032	20-24	X	X		1.6	0.02	2	0.55	2	21	4.76	3
43318	COU032	24-28		1	0.09	1.3	0.09	7	0.56	4	35	30.17	5
43319	COU032	28-32		1	0.09	1	0.03	3	0.63	2	17	8.18	10
43320	COU032	32-36	X		0.12	0.9	0.04	8	0.95	12	15	10.7	83
43321	COU032	36-40	X		0.06	0.5	0.03	3	1.07	3	10	9.09	33
43322	COU032	40-44	X		0.03	0.5	0.03	4	1.33	4	10	9.72	62
43323	COU032	44-48	X		0.03	0.6	0.05	4	1.31	4	9	7.73	50
CHECKS													
43173			X		0.02	X	0.01	4	2.7	27	12	11.23	18
43199			X		0.01	0.7	0.03	1	3.6	10	4	5.7	14
43225			X		0.01	1.6	0.06	2	3.46	14	3	5.97	17
43251			X		0.03	0.9	0.05	4	1.18	9	11	4.24	35
43277			X		0.02	X	0.09	2	0.29	2	21	3.5	2
43303			X		0.03	0.9	0.2	4	1.55	12	11	7.46	38
		STANDARDS											
		CMM-04		43	0.78	93.6	8.78	99	7.87	90	53	2.73	83
		NGL-18		21	1.08	39.6	8.54	28	4.15	23	44	0.99	21
		PL-11		22	4.59	37.3	42.68	31	10.12	26	207	1.36	24
		AMIS0004		405	0.21	200.9	2	108	3.6	213	98	74.09	232
		BSL5		7	2.03	15.6	18.8	25	3.55	24	94	4.29	22
		CMM-04		55	0.74	81.4	8.28	93	8.33	92	49	2.46	85
		AMIS0004		385	0.27	185.3	1.79	95	3.03	218	92	71.85	217

APPENDIX C

Drill Hole Log Sheets

Coulta Project

Drill Hole No.	**COU001**	**AMG Easting**	**553072**	**Drilling Method**	**Rotary Mud**
		AMG Northing	**6208597**	**Drill Company**	**Underdale**
Date:	**17 November 2006**				
Geologist:	**AFC**	**Zone:**	**53**		

Total Depth (m) **108**

Depth	Lithology	Sample No.	Description
0 -1	SOIL		sandy soil, earthy, carbonate
1 - 2	CLAY		white carbonate, earthy clay
2 - 3	CLAY		white mud grained qtz sandstone clay cemented
3-4	CLAY		as above but now orange colour is dominant
4-5	SANDSTONE		clean, fairly coarse qtz sandstone well rounded
5-6	SANDSTONE		well sorted clean well rounded qtz sand stone
6-7	SANDSTONE		as above
7-8	SANDSTONE		as above perhaps a little finer grained.
8-9	SAND		sorted fine sands in pat cemented by orange clay
9-10	SAND		sands plus orange and cream coloured clays
10-11	SAND		mainly clean sands, but some cream clay
11-12	SAND		mainly clean sands and minor clay
12-13	SAND		mainly clean qtz, sands minor clay
13-14	SAND		qtz sands, some orange clays but more cream clay layers
14-15	SAND		well rounded qtz sands, minor orange clay cement
15-16	SAND		as above
16-17	SAND		as above
17-18	SAND		sand and clays. Not much sample.
18-19	SAND		well washed rather coarse well sorted well rounded sand
19-20	SAND		well sorted clean qtz sands
20-21	SAND		as above
21-22	SAND		as above
22-23	SAND		as above but less well sorted - more coase faction
23-24	SAND		fine grained qtz sands
24-25	SAND		coarser sands, pieces of wood obvious
25-26	SAND	**43001**	as above coarse angular qtz. Blue?
26-27	SAND	**43002**	as above
27-28	SAND	**43003**	as above
28-29	CLAY	**43004**	blank lignitic clays with minor coarse qtz
29-30	SAND	**43005**	unsorted sands, bigger fine faction, minor woody pieces.
30-31	SAND		as above
31-32	SAND	**43006**	cleaner sands still has wood coarses grained

Depth	Lithology	Sample No.	Description
32-33	SAND	**43007**	as above. Course angular sands
33-34	SAND	**43008**	quite coarse, angular sands
34-35	SAND	**43009**	unsorted angular sands with woody fragments
35-36	SAND	**43010**	finer grained as above
36-37	SAND		as above
37-38	CLAY		lignitic clay with qtz sands
38-39	SAND	**43011**	quartz sands not well sorted
39-40	SAND	**43012**	coarse unsorted sands. Very angular
40-41	SAND	**43013**	better sorted - less coarse qtz grains.
41-42	SAND	**43014**	fine grained sands quite well sorted
42-43	SAND		fine grained sands and woody fragments
43-44	SAND		coarse grained sands - poorly sorted.
44-45	SAND	**43015**	coarse angular qtz sands
45-46	CLAY	**43016**	grey clays ligmitic clas and coarse qtz.
46-47	SAND	**43017**	unsorted qtz and gravel. Some wood
47-48	SAND	**43018**	largely finer grained, some lignitic clay and some coarse
48-49	SAND	**43019**	as above, fine grained, better sorted same lignitic clay.
49-50	SAND	**43020**	as above but includes some grey (not lignitic) clay
50-51	SAND	**43021**	poorly sorted sands, trace of musionite appearing
51-52	SAND	**43022**	medium grained but poorly sorted? Weather lithic fragments
52-53	SAND	**43023**	as above. Some woody fragments
53-54	SAND	**43024**	as above
54-55	SAND	**43025**	as above. Poorly sorted up to med grained atz sand
55-56	SAND	**43026**	coarse sands but new also grey clay
56-57	SAND	**43027**	as above with grey clays
57-58	SAND	**43028**	as above
58-59	SAND	**43029**	as above less grey clays
59-60	SAND	**43030**	as above
60-61	SAND	**43031**	unsorted qtz, grey clay and pink clays
61-62	SAND	**43032**	mix of unsorted qtz to coarse with grey clays
62-63	SAND	**43033**	as above
63-64	SAND	**43034**	mainly clays occassional grit and sands
64-65	SAND	**43035**	mainly clays some dark (lignitic clays?) + grey clays
65-66	SAND	**43036**	????
66-67	SAND	**43037**	as above, well sorted, partly rounded, qtz sands
67-68	SAND	**43038**	as above, small pellets of white clay? Lithitic fragments
68-69	SAND	**43039**	as above
69-70	SAND	**43040**	as above small pieces of wood. A little coarser.
70-71	SAND	**43041**	unsorted sand fine - coarse, pellets of clay and wood, red rounded sand.

Depth	Lithology	Sample No.	Description
71-72	SAND	**43042**	as above rather more clay
72-73	SAND	**43043**	as above
73-74	SAND	**43044**	grey clays becoming more dominant in unsorted coarse sands
74-75	SAND	**43045**	as above - grey clays and mixed sands
75-76	SAND	**43046**	as above
76-77	SAND	**43047**	as above perhaps less clay. Wood pieces persist.
78-79	SAND	**43048**	Med grained sands with mud and wood. Med rounded sorted. Little clay.
79-80	SAND	**43049**	as above. Med sands
80-81	SAND	**43050**	as above. Med sands
81-82	SAND	**43051**	a little coarser. Unsorted sands
82-83	SAND	**43052**	coarser grained unsorted medium rounded sands.
83-84	SAND	**43053**	coarse grained to angular grit sized sands. Minor copmosite, grains have pyrite?
84-85	SAND	**43054**	medium to fine grained sand
85-86	SAND	**43055**	medium to fine grained sand minor pink clay lithic clays
86-87	SAND	**43056**	as above
87-88	SAND	**43057**	coarser grained to grit sized component.
88-89	SAND	**43058**	as above. Small pyritic cememted aggregates
90-91	SAND	**43059**	unsorted finer grained, more black minerals? Very fine grained
91-92	SAND	**43060**	unsorted fine - med sands muscout and pink clay and learies = minor
92-93	SAND	**43061**	coarsing sands
93-94	SAND	**43062**	as above. Minor grit component
94-95	SAND	**43063**	as above
95-96	SAND	**43064**	clean sands - fine to grits. Mainly angular minor hearies + muscouite + pink lithic fragments (clayey)
96-97	SAND	**43065**	poorly sorted sands, possibly top of basement psr
97-98	CLAY		white clays? Inducted with much qtz
98-99	CLAY		angular qtz, very coarse, with white clays
99-100	CLAY		as above
100-101	CLAY	**43066**	as above
101-102	CLAY		as above
102-103	CLAY		much less anqular qtz, now clay dominated
103-104	CLAY		as above
104-105	CLAY	**43067**	white clay pellets have little qtz in them.
105-106	CLAY		as above
106-107	CLAY		white clay with fine qtz sandsized and white feldspar and mica (biotite)
107-108	GRANITE		white feldspar clear qtz and black biotite.

Coulta Project

Drill Hole No. COU002	**AMG Easting** 554720	**Drilling Method** Rotary Mud	**Total Depth (m)** 54		
Date: 18 November 2006	**AMG Northing** 6208657	**Drill Company** Underdale			
Geologist: AFC	**Zone:** 53				

Depth	Lithology	Sample No.	Description
0 -1	CLAY/CALCRETE		Dense laminated calcrete in orange sandy clay
1 - 2	CLAY/CALCRETE		as above plus some rare well rounded qtz grits
2 - 3	CLAY/CALCRETE		as above
3-4	SAND		less clays - unsorted angular gravel - sand. Some quite inducted orange sands
4-5	SAND		as above. Minor qtz gravel. Orange fe? Clay cemented sands + calcrete
5-6	SAND		as above
6-7	SAND		orange mixed sands, sandy clay with white clay lenses.
7-8	SAND		orange clayey sands, some coarse faction to grit sized qtz.
8-9	SAND		orange sands, poorly sorted, clay + ognits are minor, some white clay pellets.
9-10	SAND		as above qtz grains med well rounded.
10-11	SAND		as above
11-12	SAND		as above, poorly sorted medium well rounded orange sands.
12-13	SAND		as above
13-14	SAND		orange(limonitic) colour lessening in mixed sands
14-15	SAND		white poorly sorted sands, lithic fraction + muscovite
15-16	SAND		white poorly sorted sands, mainly med - fine
16-17	SAND		as above
17-18	SAND		white sands with small lematitic clay specks.
18-19	SAND		fine white sands, well rounded
19-20	SAND	**43068**	fine white sands, lemantitic clay specks
20-21	SAND	**43069**	white sands coarse grained angular some lignitic clay
21-22	SAND	**43070**	as above, lignitic much less.
22-23	SAND	**43071**	as above, lignitic much less.
23-24	SAND	**43072**	as above, angular coarse sands, lignites.
24-25	SAND	**43073**	finer grained but with woody pieces.
25-26	SAND	**43074**	as above
26-27	SAND	**43075**	as above
27-28	SAND	**43076**	as above perhaps coarser
28-29	SAND	**43077**	as above med-fine sands with woody pieces
29-30	SAND	**43078**	poorly sorted angular qtz sands with woody pieces.
30-31	SAND		fine sands, well sorted, angular silt size - firesand. Psr
31-32	SAND	**43079**	fine sands, well sorted, angular
32-33	SAND	**43080**	fine sands, angular, small heavy minerals? Black lustrous.

Depth	Lithology	Sample No.	Description
33-34	SAND	**43081**	fine angular sands, some woody fragments.
34-35	SAND	**43082**	as above
35-36	SAND	**43083**	as above, fine sands, with some woody fragments
36-37	SAND		as above, some well rounded coarse qtz grains psr.
37-38	SAND		no sample return. (very fine sand not settling)
38-39	SAND		No sample return.
39-40	SAND		No sample return
40-41	SAND		no sample return
41-42	SAND		no sample return (very fine sand not settling out?)
42-43	SAND		nsr
43-44	SAND		no sample return - good circulation
44-45	SAND		nsr
45-46	SAND		nsr
46-47	SAND		nsr
47-48	SAND		nsr
48-49	SAND		nsr
49-50	SAND		nsr
50-51	SAND		nsr
51-52	SAND		nsr
52-53	SAND		nsr. Flushed through sieve
53-54	CLAY		very fine grained fresh biotite
54-55	GRANITE	**43084**	could be fine grained biotite granite

Coulta Project

Drill Hole No. COU 003	**AMG Easting** 558435	**Drill Method** Rotary Mud	**Total Depth (m)** 41		
	AMG Northing 6215508	**Drill Company** Underdale			
Date: 22 November 2006					
Geologist: AFC	**Zone:** 53				

Depth	Lithology	Sample No.	Description
0 -1	CALCRETE		powdered calcrete and clays
1 - 2	CALCRETE		as above
2 - 3	CLAY		brown clays fine silts
3-4	CLAY		brown clays, some red fe oxide colouration
4-5	CLAY		brown - clay silt. Some coarse fraction of rounded qtz.
5-6	CLAY		brown clays - silt minor lithic fraction + grit sized qtz. Fe cemented pisolites
6-7	CLAY		grey clay quite indurated - dry
7-8	CLAY		grey clay, quite indurated - dry
8-9	CLAY		mix of grey clays and yellow fe stained clays in sample
9-10	CLAY		clay, indurated dry, mix of grey yellow and red-brown. Minor porcelleite
10-11	CLAY		clays red and orange clays. Minor fe modules.
11-12	CLAY		as above
12-13	SAND	**43085**	brown-dark brown - silts. Some fe cemented granites
13-14	SAND	**43086**	clean fine silts with minor flakes. ? Lignitic
14-15	SAND	**43087**	fines silts, well sorted + a few well rounded grit grains.
15-16	SAND	**43088**	clean well-sorted silts also some yellow silts intersected.
16-17	SAND	**43089**	as above
17-18	SAND	**43090**	clean well sorted silts.
18-19	SAND	**43091**	more sand then into weathered basement? Coarse pegmatite
19-20	CLAY		orange clays with muscovite flakes
20-21	CLAY		as above
21-22	CLAY		as above
22-23	CLAY	**43092**	as above
23-24	CLAY		grey clayey fine grained quartz - weathered basement
24-25	CLAY		as above
25-26	CLAY		as above
26-27	CLAY	**43093**	grey clay minor fine quartz
27-28	CLAY		as above
28-29	CLAY		as above
29-30	CLAY		grey clay with pyritic concreticers
30-31	CLAY	**43094**	grey clay with sands, very fine grained. Well rounded
31-32	CLAY		as above
32-33	CLAY		very fine sands? Very fine quartz

Depth	Lithology	Sample No.	Description
33-34	CLAY		as above
34-35	CLAY	**43095**	grey clays minor fine qtz. Small pellets of orange clay
35-36	CLAY		as above
36-37	CLAY		as above
37-38	CLAY		grey clays very fine qtz
38-39	CLAY	**43096**	grey very fine sands - clay. Very fine muscovite
39-40	CLAY		as above but had layer is micro granite with quite abundant pyrite and some magnetite
40-41	GRANITE		grey sand, clay sized.

Coulta Project

Drill Hole No. COU 004	AMG Easting	Drill Method Aircore	Total Depth (m) 42
	AMG Northing	Drill Company Underdale	
Date: 22 November 2006			
Geologist: AFC	Zone: 53		

Depth	Lithology	Sample No.	Description
0 -1	SOIL		lupin crop - soil + carbonates
1 - 2	CLAY		yellow brown clays
2 - 3	CLAY		yellow clays some indented clay with fine qtz grains some fe pisolitis (magnetic)
3-4	CLAY		as above
4-5	CLAY		quite inducted khaki clays with qtz grains + magnetic pisolites
5-6	CLAY		yellow brown inducted clays with qtz grain to magnetic pisolites
6-7	CLAY		red brown clays nsr
7-8	CLAY	**43097**	very clean white silts, well sorted - some clean white well rounded sand beds highly in donated
8-9	CLAY	**43098**	mix of fine grey silts and bright red brown clays
9-10	CLAY	**43099**	grey silts and clays with loads of porcellenite with qtz grains well rounded cemented in.
10-11	CLAY	**43100**	white powder with some inducted pieces, porcellanite plus some minorite nods
11-12	CLAY	**43101**	pale brown - white clay
12-13	CLAY	**43102**	yellow clays, silty, small fe nobules
13-14	CLAY	**43103**	as above bit fragmenting look out for tungsten pieces.
14-15	CLAY	**43104**	yellow silty clays very fine.
15-16	CLAY	**43105**	clean, very fine silts. Rare coarser qtz granules, oxidised fe granules
16-17	CLAY	**43106**	clean very fine silts
17-18	CLAY	**43107**	top of the basement. Fine grey clays with granular grit sized qtz.
18-19	CLAY		grey and orange clays
19-20	CLAY		grey and orange clays
20-21	CLAY		grey and orange clays - minor coarse angular qtz
21-22	CLAY	**43108**	grey and orange clays
22-23	CLAY		clays with inducted? Silicified weathered? Granite
23-24	CLAY		clays
24-25	CLAY		clays
25-26	CLAY	**43109**	grey clays
26-27	CLAY		as above
27-28	CLAY		as above
28-29	CLAY		grey clays minor qtz component
29-30	CLAY	**43110**	grey clays
30-31	CLAY		as above
31-32	CLAY		dark grey clays
32-33	CLAY		as above clays

Depth	Lithology	Sample No.	Description
33-34	CLAY	**43111**	dark grey clays
34-35	CLAY		dark grey clays
35-36	CLAY		as above
36-37	CLAY		as above
37-38	CLAY	**43112**	as above
38-39	CLAY		dark clays as above some coarse angular qtz
39-40	CLAY		dark grey clays, minor fine qtz, now some fresh biotite
40-41	CLAY		khaki green grey yellow clays no coarse qtz
41-42	CLAY		green clay, no coarse qtz

InterMet RESOURCES

Coulta Project

Drill Hole No. COU 005	**AMG Easting**	**Drill Method** Aircore	**Total Depth (m)**	14
	AMG Northing	**Drill Company** Underdale		
Date: 23 November 2006				
Geologist: AFC	**Zone:** 53			

Depth	Lithology	Sample No.	Description
0 -1	**CLAY**		grey clays - lake mud. Some fine silt layers
1 - 2	**CLAY**		as above
2 - 3	**CLAY**		as above
3-4	**CLAY**		khaki clays with qtz grains to grit size
4-5	**CLAY**		green clays some fe pellets - magnetic some qtz
5-6	**CLAY**		mix green clays and re brown clays with fine qtz
6-7	**SAND**	**43113**	clean white silt - fine sand - some well rounded atz granules. Some lithic fragments
7-8	**SAND**	**43114**	green and orange sands
8-9	**SAND**	**43115**	fine orange sands - quite clayey
9-10	**SAND**	**43116**	fine clean and orange sands
10-11	**SAND**	**43117**	fine sands ? Lignitic
11-12	**SAND**	**43118**	fine sands, lignitic lithic fragments of fine bi gneiss
12-13	**SAND**	**43119**	fine sands with small amount of biotite
13-14	**GRANITE**	**43120**	fine qtz sands then into bi gneiss

InterMet RESOURCES

Coulta Project

Drill Hole No. COU 006	**AMG Easting** 536417	**Drill Method** Aircore	**Total Depth (m)** 14	
	AMG Northing 6221 812	**Drill Company** Underdale		
Date: 23 November 2006				
Geologist: AFC	**Zone:** 53			

Depth	Lithology	Sample No.	Description
0 -1	**SOIL**		soil orange. Some qtz gravel and fe store
1 - 2	**IRONSTONE**		ironstone pellets in red and white clays. Magnetic
2 - 3	**CLAY**		white clays plus inducted grey clay and bands
3-4	**CLAY**		clays + fe cemented weathered lithic clays
4-5	**GRAVEL**		fine grained sand with "buck shot" gravel and porcellenite fragments
5-6	**QUARTZ VEIN**	**43121**	qtz vein in weathered basement
6-7	**GNEISS**	**43122**	weathered basement with qtz grains and clay silicified feldspars
7-8	**GNEISS**		weathered gneiss? With large phenocrysts of qtz
8-9	**GNEISS**		as above
9-10	**GNEISS**		as above includes some Fe-rich Material
10-11	**GNEISS**	**43123**	as above no Fe
11-12	**GNEISS**		ferruginous material looks like biotite = biotite granite
12-13	**GNEISS**		white silicified clay ex feldspar clear qtz + some possible sericite
13-14	**GNEISS**		ferruginous material again some ribbons of qtz? Biotite gneiss granite

InterMet RESOURCES

Coulta Project

Drill Hole No.	**COU 007**	**AMG Easting**	**536649**	**Drill Method**	**Aircore**
		AMG Northing	**6221804**	**Drill Company**	**Underdale**
Date:	**23 November 2006**				
Geologist:	**AFC**	**Zone:**	**53**		

Depth	Lithology	Sample No.	Description
0 -1	**CLAY**		bright red earth clay
1 - 2	**CALCRETE**		highly incucted carbonate
2 - 3	**CALCRETE**		as above with some clays
3-4	**CALCRETE**		as above
4-5	**CALCARENITE**		carbonate and sediments
5-6	**CALCARENITE**		as above
6-7	**CLAY**		clays with fe latenite + pisolites
7-8	**CLAY**		as above
8-9	**CLAY**		brown clays with misc lithic lasts
9-10	**CLAY**		browned white clays with lithic clasts
10-11	**CLAY**		white basement clayss
11-12	**CLAY**		white to yellow basement clays
12-13	**CLAY**		as above
13-14	**CLAY**		as above + large qtz fragment
14-15	**CLAY**		white clays
15-16	**CLAY**		white clays
16-17	**CLAY**		white clays
17-18	**CLAY**		first basement fragments - weathered
18-19	**CLAY**		
19-20	**CLAY**		quite a bit of fine grained magnetite
20-21	**CLAY**	**43124**	coarse qtz feldspar = lay? Bit of biotited sercite
21-22	**CLAY**		sample of pug clay from inside bit.

Coulta Project

Drill Hole No.	**COU 008**	**AMG Easting**	**536649**	**Drill Method**	**RAB hammer**
Total Depth (m)	**27**				
		AMG Northing	**6221804**	**Drill Company**	**Underdale**
Date:	**24 November 2006**				
Geologist:	**AFC**	**Zone:**	**53**		

Depth	Lithology	Sample No.	Description
0 -1	SOIL		brown clay soil
1 - 2	SOIL		yellow clay soil
2 - 3	SOIL		as above
3-4	CLAY		yellow clays with carbonate and fe nodules
4-5	CLAY		unsorted clay sands with lithic fragments
5-6	SAND		unsorted seds with lithic fragments
6-7	SAND		white snads minor clays qtz up to grit size
7-8	SAND		as above perhaps more clay
8-9	SAND		as above white clayey with qtz
9-10	CLAY		white clays with qtz component
10-11	CLAY		as above
11-12	CLAY		as above
12-13	CLAY		as above
13-14	CLAY		as above
14-15	CLAY		white clays with qtz component
15-16	CLAY		white clays with qtz med grained angular
16-17	CLAY		white clays with qtz med grained angular
17-18	CLAY		coarse qtz in white clay
18-19	CLAY		coarse qtz in white clay
19-20	CLAY		grits in white clay
20-21	CLAY		coarse qtz grit size angular in clays
21-22	CLAY		as above
22-23	CLAY		as above - little sericite appearing and some qtz
23-24	CLAY		as above
24-25	CLAY		as above
25-26	CLAY		pug clay with coarse angular qtz (sometimes with sericite)
26-27	CLAY		qtz rich coarse angular qtz

InterMet RESOURCES

Coulta Project

Drill Hole No. COU 009	**AMG Easting** 538019	**Drilling Method** Aircore	**Total Depth (m)**	24
	AMG Northing 6218611	**Drill Company** Underdale		
Date: 25 November 2006				
Geologist: GF	**Zone:** 53			

Depth	Lithology	Sample No.	Description
0 -1	CALCRETE		Calcrete- sheet calcrete, white to pale brown with minor soil
1 - 2	CALCRETE		Calcrete - sandy, fine to medium grained
2 - 3	CLAY		Clay, orange-brown, calcereous, sandy
3-4	CLAY		Clay, orange, fine, slightly sandy
4-5	CLAY		Clay, yellow-brown, slightly sandy (fine grained), calcereous
5-6	CLAY		Clay, off-white to pale brown, fine- powdery
6-7	CLAY	**43125**	Clay, red-brown, ferruginous, minor indurated layers (ferricrete), minor vc quartz gravel
7-8	CLAY		Clay, off-white, with abundant cg angular quartz - weathered basement
8-9	CLAY	**43126**	Clay, orange-brown, with abundant quartz (medium grained) and fine muscovite
9-10	CLAY		Clay, pale grey, micaceous, minor quartz (clear)
10-11	CLAY		Clay, pale grey, micaceous, minor quartz (clear)
11-12	CLAY		Clay, pale grey, micaceous, minor quartz (clear)
12-13	CLAY	**43127**	Clay, off-white, slighly more quartz present, micaceous
13-14	CLAY		Clay, off-white, slighly more quartz present, micaceous
14-15	CLAY		Clay, pale yellow, micaceous, with fine grained quartz
15-16	CLAY		Clay, pale yellow, micaceous, with fine grained quartz
16-17	CLAY	**43128**	Clay, pale yellow, micaceous, with fine grained quartz
17-18	CLAY		Clay, pale yellow, micaceous, with fine grained quartz
18-19	CLAY		Clay, pale grey to yellow, micaceous, fine quartz
19-20	CLAY		Clay, pale grey to yellow, micaceous, fine quartz
20-21	CLAY	**43129**	Clay, pale grey, micaceous, with m-c grained clear quartz
21-22	CLAY		Clay, pale grey, micaceous, with m-c grained clear quartz, with some indurated layers
22-23	CLAY		Clay, orange-pale green, Fe-stained, micaceous, quartz (f-c) and rare vc quartz
23-24	CLAY		Clay, orange-pale green, Fe-stained, micaceous, quartz (f-c) and rare vc quartz

InterMet RESOURCES

Coulta Project

Drill Hole No. COU 010	**AMG Easting** 538019	**Drilling Method** Aircore	**Total Depth (m)**	20
	AMG Northing 6218611	**Drill Company** Underdale		
Date: 25 November 2006				
Geologist: GF	**Zone:** 53			

Depth	Lithology	Sample No.	Description
0 -1	CALCRETE		Calcrete, hard, white to pale yellow, fractured
1 - 2	CALCRETE		Calcrete, sandy
2 - 3	CLAY		Clay, calcereous, with hard indurated layers
3-4	CLAY		Clay, red-brown with some white indurated calcrete layers
4-5	CLAY		Clay, orange-brown, calcereous
5-6	CLAY		Clay, orange to grey, slightly plastic, some indurated fragments, rare quartz gravel
6-7	CLAY	43130	Clay, off-white to white, abundant coarse quartz grains
7-8	CLAY		Clay, off-white to cream, with abundant gravel
8-9	CLAY		Clay, white with patches of Fe mottling, some vc quartz
9-10	CLAY		Clay, white with patches of Fe mottling, some vc quartz
10-11	CLAY		Clay, heavily iron stained orange/white, with minor ironstone fragments
11-12	CLAY		Clay, off-white kaolin, micaceous, f-m quartz
12-13	CLAY	43131	Clay, off-white kaolin, micaceous, f-m quartz
13-14	CLAY		Clay, off-white kaolin, micaceous, f-m quartz
14-15	CLAY		Clay, off-white kaolin, micaceous, f-m quartz
15-16	CLAY		Clay, wet, pale orange/grey/white, micaceous, abundant f-m quartz
16-17	CLAY	43132	Clay, wet, pale orange/grey/white, micaceous, abundant f-m quartz
17-18	CLAY		Clay, wet, pale orange/grey/white, micaceous, abundant f-m quartz
18-19	CLAY		Clay, wet, pale orange/grey/white, micaceous, abundant f-m quartz
19-20	CLAY		Clay, wet, pale orange/grey/white, micaceous, abundant f-m quartz

InterMet RESOURCES

Coulta Project

Drill Hole No. COU 011	**AMG Easting** 536646	**Drilling Method** Aircore	**Total Depth** 27m
	AMG Northing 6210295	**Drill Company** Underdale	
Date: 25 November 2006			
Geologist: GF	**Zone:** 53		

Depth	Lithology	Sample No.	Description
0 -1	CALCRETE		Calcrete, sheet calcrete, off-white with SOIL, brown, clayey
1 - 2	CLAY		Clay, brown, calcereous, some indurated layers or boulders
2 - 3	CLAY		Clay, yellow-brown, calcereous, with some indurated layers or boulders
3-4	CLAY		Clay, yellow-brown, calcereous, with some indurated layers or boulders
4-5	CLAY		Clay, yellow-brown, calcereous, with some indurated layers or boulders
5-6	CLAY		Clay, pale yellow-brown, calcereous, hard layers, sandy
6-7	CLAY		Clay, pale yellow-brown, calcereous, hard layers, sandy
7-8	CLAY		Clay, pale yellow-brown, calcereous, hard layers, sandy
8-9	CLAY		Clay, pale yellow-brown, calcereous, hard layers, sandy
9-10	CLAY		Clay, pale yellow-brown, calcereous, hard layers, sandy
10-11	CLAY		Clay, varicoloured, grey-orange-green, micaceous
11-12	CLAY		Clay, orange (Fe-stained), micaceous, abundant f-m quartz
12-13	CLAY	**43133**	Clay, off-white, kaolin, micaceous
13-14	CLAY		Clay, off-white, kaolin, micaceous
14-15	CLAY		Clay, off-white, kaolin, micaceous
15-16	CLAY	**43134**	Clay, off-white, kaolin, micaceous, f-m quartz
16-17	CLAY		Clay, pale yellow, f-m quartz, micaceous
17-18	CLAY		Clay, wet sample "puggy", rare VC quartz, patches of orange Fe staining
18-19	CLAY		Clay, wet sample "puggy", rare VC quartz, patches of orange Fe staining
19-20	CLAY	**43135**	PSR - water pumped down the hole
20-21	CLAY		Granite, bleached, coarse grained quartz and mica
21-22	CLAY		PSR - water pumped down the hole
22-23	CLAY		Clay, weathered granite, white, angular quartz - PSR
23-24	CLAY	**43136**	Clay, off-white, f-m quartz, micaceous
24-25	CLAY		Clay, off-white, f-m quartz, micaceous
25-26	CLAY		Clay, off-white, f-m quartz, micaceous PSR
26-27	CLAY		Clay, off-white, f-m quartz, micaceous

InterMet RESOURCES

Coulta Project

Drill Hole No. COU 012	**AMG Easting** 536723	**Drilling Method** RAB	**Total Depth (m)** 27	
	AMG Northing 6210300	**Drill Company** Underdale		
Date: 25 November 2006				
Geologist: GF	**Zone:** 53			

Depth	Lithology	Sample No.	Description
0 -1	SOIL		Soil, brown, clayey with calcrete (?sheet or boulder)
1 - 2	CLAY		Clay, calcereous, yellow-brown, some thin hard layers
2 - 3	CLAY		Clay, calcereous, off-white, some thin hard layers
3-4	CLAY		Clay, calcereous, off-white, some thin hard layers
4-5	CLAY		Clay, calcereous, off-white, some thin hard layers
5-6	CLAY		Clay, calcereous, off-white, some thin hard layers
6-7	CLAY	43137	Clay, orange-brown (Fe-stained), slightly plastic
7-8	CLAY		Clay, orange-brown (Fe-stained), slightly plastic
8-9	CLAY		Clay, pale green to orange (mottled), ?weathered basement
9-10	CLAY	43138	Clay, off-white, minor quartz, micaceous
10-11	CLAY		Clay, off-white, minor quartz, micaceous
11-12	CLAY		Clay, off-white, minor quartz, micaceous
12-13	CLAY		Clay, off-white, minor quartz, micaceous
13-14	CLAY	43139	Clay, off-white, minor quartz, micaceous
14-15	CLAY		Clay, off-white, minor quartz, micaceous
15-16	CLAY		Clay, off-white, minor quartz, micaceous - Wet Sample
16-17	CLAY		Clay, off-white, minor quartz, micaceous
17-18	CLAY	43140	Clay, off-white, minor quartz, micaceous
18-19	CLAY		Clay, white to off-white, quartz rich, micaceous - sloppy sample
19-20	CLAY		Clay, white to off-white, quartz rich, micaceous - sloppy sample
20-21	CLAY		Clay, pale green, fine quartz (?more schistose layer),
21-22	CLAY	43141	Clay, off-white, fine to coarse quartz, micaceous, sloppy sample
22-23	CLAY		Clay, off-white, fine to coarse quartz, micaceous, sloppy sample
23-24	CLAY		Clay, off-white, fine to coarse quartz, micaceous, sloppy sample
24-25	CLAY		Clay, off-white, fine to coarse quartz, micaceous, sloppy sample
25-26	CLAY	43142	Clay, off-white, fine to coarse quartz, micaceous, sloppy sample
26-27	GRANITE GNEISS		Clay, off-white, fine to coarse quartz, micaceous, sloppy sample - weathered granite gneiss - Hole

InterMet RESOURCES

Coulta Project

Drill Hole No.	**COU 013**	**AMG Easting**	**536784**	**Drilling Method**	**RAB**	**Total Depth (m)**	**27**
		AMG Northing	**6210300**	**Drill Company**	**Underdale**		
Date:	**26 November 2006**						
Geologist:	**GF**	**Zone:**	**53**				

Depth	Lithology	Sample No.	Description
0 -1	SOIL/CALCRETE		Soil, calcereous with sheet calcrete
1 - 2	CLAY		Clay, calcereous, pale brown, sandy with fragments of calcrete
2 - 3	CLAY		Clay, calcereous, pale brown, sandy with fragments of calcrete
3-4	CLAY		Clay, calcereous, pale brown, sandy with fragments of calcrete
4-5	CLAY		Clay, calcereous, pale brown, sandy with fragments of calcrete
5-6	CLAY		Clay, calcereous, pale brown, sandy with fragments of calcrete, slightly damp
6-7	CLAY	**43143**	Clay, dark grey to pale orange, with fragments of calcrete
7-8	CLAY		Clay, pale green, slightly plastic, zones of orange Fe-staining
8-9	CLAY	**43144**	Clay, pale green to pale orange, micaceous, fine quartz
9-10	CLAY		Clay, pale green to pale orange, micaceous, fine quartz
10-11	CLAY		Clay, pale green to pale orange, micaceous, fine quartz
11-12	CLAY		Clay, pale green, quartz rich (fine to coarse), micaceous, fine grained grey mineral (non-magnetic-
12-13	CLAY	**43145**	Clay, pale green, quartz rich (fine to coarse), micaceous, fine grained grey mineral (non-magnetic-
13-14	CLAY		Clay, pale green, quartz rich (fine to coarse), micaceous, fine grained grey mineral (non-magnetic-
14-15	CLAY		Clay, pale green, quartz rich (fine to coarse), micaceous, becoming slightly pale orange with depth
15-16	CLAY		Clay, pale green to pale orange, chips of quartz and mica (basement fragments- mica rich granite
16-17	CLAY	**43146**	Clay, heavily Fe-stained, micaceous, fine quartz (schistose band)
17-18	CLAY		Clay, heavily Fe-stained, micaceous, fine quartz (schistose band)
18-19	CLAY		Clay, heavily Fe-stained, micaceous, fine quartz (schistose band)
19-20	CLAY		Clay, heavily Fe-stained, micaceous, fine quartz (schistose band)
20-21	CLAY	**43147**	Clay, olive green, very micaceous, fine quartz - weathered schist layer
21-22	CLAY		Clay, olive green, very micaceous, fine quartz - weathered schist layer
22-23	CLAY		Clay, olive green, very micaceous, fine quartz - weathered schist layer with some chips of coarse
23-24	CLAY		Clay, olive green, very micaceous, fine quartz - weathered schist layer with some chips of coarse
24-25	CLAY	**43148**	Clay, olive green, very micaceous, fine quartz - weathered schist layer with some chips of coarse
25-26	GNEISS		Biotite rich gneiss, medium to coarse grained quartz-feldspar-biotite
26-27	GNEISS	**43149**	Biotite rich gneiss, medium to coarse grained quartz-feldspar-biotite

InterMet RESOURCES

Coulta Project

Drill Hole No.	**COU 014**	**AMG Easting**	**536387**	**Drilling Method**	**RAB**	**Total Depth (m)**	**21**
		AMG Northing	**6210312**	**Drill Company**	**Underdale**		
Date:	**26 November 2006**						
Geologist:	**GF**	**Zone:**	**53**				

Depth	Lithology	Sample No.	Description
0 -1	SOIL/CALCRETE		Soil, sandy, calcereous with sheet calcrete
1 - 2	CLAY/CALCRETE		Clay, off-white, calcereous, slightly sandy with ?sheet calcrete or large boulders
2 - 3	CALCRETE		Calcrete, off-white, hard, sandy, very fine black mineral (biotite or iron oxide)
3-4	CALCRETE		Calcrete, off-white, hard, sandy, very fine black mineral (biotite or iron oxide)
4-5	SAND		Sand, calcereous, clayey with calcrete fragments
5-6	SAND/CLAY		Sand as above with Fe-stained clay, slightly indurated
6-7	CLAY		Clay, orange to orange brown (Fe-stained), plastic
7-8	CLAY		Clay, orange to orange brown (Fe-stained) with zones of white clay, plastic
8-9	CLAY		Clay, red-brown to white with fragments of ironstone (weathering zone)
9-10	IRONSTONE		Ironstone, red-brown, indurated Fe-rich clay, some patches of white clay (mottled zone)
10-11	CLAY		Clay, off-white, fine quartz
11-12	CLAY		Clay, off-white, fine quartz, abundant fine to medium grained quartz
12-13	CLAY		Clay, off-white, fine quartz
13-14	CLAY		Clay, off-white, fine quartz
14-15	CLAY		Clay, off-white, fine quartz
15-16	CLAY	**43150**	Clay, off-white, Gravel fine to very coarse quartz
16-17	CLAY		Clay, off-white, Gravel fine to very coarse quartz
17-18	CLAY		Clay, green (khaki), to pale orange, micaceous, biotite rich gneiss fragments
18-19	GNEISS		Gneiss, coarse grained quartz-feldspar-biotite
19-20	GNEISS	**43151**	Gneiss, coarse grained quartz-feldspar-biotite
20-21	GNEISS	**43152**	Gneiss, coarse grained quartz-feldspar-biotite

InterMet RESOURCES

Coulta Project

Drill Hole No.	**COU 015**	**AMG Easting**	**538247**	**Drilling Method**	**RAB**	**Total Depth (m)**	**23.5**
		AMG Northing	**6204662**	**Drill Company**	**Underdale**		
Date:	**26 November 2006**						
Geologist:	**GF**	**Zone:**	**53**				

Depth	Lithology	Sample No.	Description
0 -1	SOIL/CALCRETE		Soil, brown, calcereous with sheet calcrete
1 - 2	CALCRETE		Calcrete, sheet, off-white to brown
2 - 3	CLAY		Clay, calcereous, off-white, with fragments of calcrete
3-4	CLAY		Clay, calcereous, off-white, with fragments of calcrete and some fragments of ironstone
4-5	GRAVEL		Gravel, very coarse quartz with some rounded pebbles
5-6	GRAVEL		As above with fragments of weathered granite and ironstone
6-7	CLAY		Clay, off-white, micacaeous, abundant quartz (fine to very coarse grained)
7-8	CLAY		Clay, off-white, micacaeous, abundant quartz (fine to very coarse grained)
8-9	CLAY		Clay, off-white, micacaeous, abundant quartz (fine to very coarse grained)
9-10	CLAY		Clay, off-white, micacaeous, abundant quartz (fine to very coarse grained)
10-11	CLAY		Clay, off-white, micacaeous, abundant quartz (fine to very coarse grained)
11-12	CLAY		Clay, off-white, micacaeous, abundant quartz (fine to very coarse grained)
12-13	CLAY		Clay, off-white, micacaeous, abundant quartz (fine to very coarse grained)
13-14	CLAY		Clay, off-white, micacaeous, abundant quartz (fine to very coarse grained), puggy - slightly damp
14-15	CLAY		Clay, off-white, micacaeous, abundant quartz (fine to very coarse grained), puggy - slightly damp
15-16	CLAY		Clay, off-white, micacaeous, abundant quartz (fine to very coarse grained), puggy - slightly damp
16-17	CLAY		Clay, off-white, micacaeous, abundant quartz (fine to very coarse grained), puggy - slightly damp
17-18	CLAY		Clay, off-white, micacaeous, abundant quartz (fine to very coarse grained), puggy - slightly damp
18-19	CLAY		Clay, off-white to white, with abundant very coarse quartz and white feldspar grains
19-20	CLAY		Clay, off-white to white, with abundant very coarse quartz and white feldspar grains
20-21	CLAY		Clay, off-white to white, with abundant very coarse quartz and white feldspar grains
21-22	CLAY		Clay, off-white to white, with abundant very coarse quartz and white feldspar grains
22-23	CLAY		Clay, off-white to white, with abundant very coarse quartz and white feldspar grains
23-23.5	GRANITE	**43153**	Clay, off-white to white, with abundant very coarse quartz and white feldspar grains

InterMet RESOURCES

Coulta Project

Drill Hole No.	**COU 016**	**AMG Easting**	**538344**	**Drilling Method**	**Aircore**	**Total Depth (m)**	**21**
		AMG Northing	**6204460**	**Drill Company**	**Underdale**		
Date:	**26 November 2006**						
Geologist:	**GF**	**Zone:**	**53**				

Depth	Lithology	Sample No.	Description
0 -1	SOIL/CALCRETE		Soil, brown, calcereous with sheet calcrete (surface maghemite around ants nests)
1 - 2	CLAY		Clay, orange-grey-pale green, slightly plastic, minor calcrete
2 - 3	CALCRETE/CLAY		Clay, orange-grey-pale green, slightly plastic, plus calcrete
3-4	CLAY/GRAVEL		Clay, iron-stained with gravel
4-5	SAND		Sand, fine to very coarse grained quartz, clayey
5-6	GRAVEL		Gravel, very coarse quartz with ironstone fragments - hard layer at 5.5m (open hole hammer)
6-7	GRAVEL		Gravel, very coarse quartz with ironstone fragments
7-8	GRAVEL		Gravel, very coarse quartz, subanglar to rounded
8-9	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
9-10	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
10-11	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
11-12	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
12-13	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
13-14	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
14-15	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
15-16	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
16-17	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
17-18	CLAY		Clay, off-white, abundant fine to very coarse quartz, minor biotite rich aggregates - weatherd
18-19	CLAY		Clay, off-white, abundant fine to very coarse quartz, minor biotite rich aggregates - weatherd
19-20	CLAY		Clay, off-white, abundant fine to very coarse quartz, minor biotite rich aggregates - weatherd
20-21	GRANITE/GNEISS	**43167**	Clay, off-white, abundant fine to very coarse quartz - weatherd basement

Hole abandoned due to excessive water at basement contact - decided to try Rotary Mud - Hole COU016A

InterMet RESOURCES

Coulta Project

Drill Hole No.	**COU 016A**	**AMG Easting**	**538349**	**Drilling Method**	**Rotary Mud**
		AMG Northing	**6204467**	**Drill Company**	**Underdale**
Date:	**26 November 2006**				
Geologist:	**GF**	**Zone:**	**53**		

Depth	Lithology	Sample No.	Description
0 -1	SOIL/CALCRETE		Soil, brown, calcereous with sheet calcrete (surface maghemite around ants nests)
1 - 2	CLAY		Clay, orange-grey-pale green, slightly plastic, minor calcrete
2 - 3	CALCRETE/CLAY		Clay, orange-grey-pale green, slightly plastic, plus calcrete
3-4	CLAY/GRAVEL		Clay, iron-stained with gravel
4-5	SAND		Sand, fine to very coarse grained quartz, clayey
5-6	GRAVEL		Gravel, very coarse quartz with ironstone fragments - hard layer at 5.5m (open hole hammer)
6-7	GRAVEL		Gravel, very coarse quartz with ironstone fragments
7-8	GRAVEL		Gravel, very coarse quartz, subanglar to rounded
8-9	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
9-10	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
10-11	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
11-12	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
12-13	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
13-14	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
14-15	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
15-16	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
16-17	CLAY		Clay, off-white, abundant fine to very coarse quartz - weatherd basement
17-18	CLAY		Clay, off-white, abundant fine to very coarse quartz, minor biotite rich aggregates - weatherd
18-19	CLAY		Clay, off-white, abundant fine to very coarse quartz, minor biotite rich aggregates - weatherd
19-20	GRANITE/GNEISS		Clay, off-white, abundant fine to very coarse quartz, minor biotite rich aggregates - weatherd

InterMet RESOURCES

Coulta Project

Drill Hole No.	**COU 017**	**AMG Easting**	**539036**	**Drilling Method**	**RAB**	**Total Depth (m)**	**4**
		AMG Northing	**6197102**	**Drill Company**	**Underdale**		
Date:	**27 November 2006**						
Geologist:	**GF**	**Zone:**	**53**				

Depth	Lithology	Sample No.	Description
0 -1	CALCRETE		Calcrete/Soil
1 - 2	CLAY		Clay, orange-brown, sandy, slightly micaceous
2 - 3	CLAY		Clay, brown to orange with fine to coarse quartz
3-4	GRANITE/GNEISS	**43154**	Granite/Gneiss - coarse grained quartz-feldspar-biotite-muscovite, bleached

InterMet RESOURCES

Coulta Project

Drill Hole No.	**COU 018**	**AMG Easting**	**539142**	**Drilling Method**	**RAB**	**Total Depth (m)**	**8**
		AMG Northing	**6197113**	**Drill Company**	**Underdale**		
Date:	**27 November 2006**						
Geologist:	**GF**	**Zone:**	**53**				

Depth	Lithology	Sample No.	Description
0 -1	SOIL		Soil, chocolate brown, sandy, calcereous with calcrete fragments
1 - 2	SAND		Sand, fine to medium grained, well sorted, calcereous
2 - 3	SAND		Sand, fine to medium grained, well sorted, calcereous
3-4	SANDSTONE		Sand as above with thin layers of sandstone
4-5	GRANITE/GNEISS		Granite/Gneiss, coarse grained quartz and feldspar
5-6	GRANITE/GNEISS	**43155**	Granite/Gneiss, coarse grained quartz and feldspar
6-7	GRANITE/GNEISS		Granite/Gneiss, coarse grained quartz and feldspar
7-8	GRANITE/GNEISS	**43156**	Granite/Gneiss, coarse grained quartz, feldspar and biotite

InterMet RESOURCES

Coulta Project

Drill Hole No.	**COU 019**	**AMG Easting**	**539252**	**Drilling Method**	**RAB**	**Total Depth (m)**	**6**
		AMG Northing	**6197123**	**Drill Company**	**Underdale**		
Date:	**27 November 2006**						
Geologist:	**GF**	**Zone:**	**53**				

Depth	Lithology	Sample No.	Description
0 -1	SOIL		Soil, brown, calcereous, becoming clay with depth, brown with ironstone fragments
1 - 2	CLAY		Clay, brown, slightly plastic, some ironstone fragments
2 - 3	CLAY		Clay, brown, slightly plastic, some ironstone fragments with coarse grained quartz and feldspar
3-4	GRANITE/GNEISS	**43157**	Granite/Gneiss, coarse quartz-feldspar-biotite with minor muscovite
4-5	GRANITE/GNEISS		Granite/Gneiss, coarse quartz-feldspar-biotite with minor muscovite
5-6	GRANITE/GNEISS	**43158**	Granite/Gneiss, coarse quartz-feldspar-biotite with minor muscovite

InterMet RESOURCES

Coulta Project

Drill Hole No. COU 020	**AMG Easting** 539275	**Drilling Method** RAB	**Total Depth (m)** 7		
	AMG Northing 6197126	**Drill Company** Underdale			
Date: 27 November 2006					
Geologist: GF	**Zone:** 53				

Depth	Lithology	Sample No.	Description
0 -1	SOIL		Soil, brown with Fe-stone fragments
1 - 2	CLAY		Clay, red-brown, slightly indurated
2 - 3	CLAY		Clay, mottled red-brown, off white, slightly plastic, micaceous
3-4	CLAY		Clay, indurated cap on basement
4-5	CLAY		Clay, white, micaceous, quartz-feldspar-biotite chips
5-6	CLAY	**43159**	Clay, white, micaceous, quartz-feldspar-biotite chips
6-7	GRANITE	**43160**	Granite, coarse grained quartz and feldspar with minor mica

Coulta Project

Drill Hole No.	**COU 021**	**AMG Easting**	**539416**	**Drilling Method**	**RAB rollerbit**
Date:	**27 November 2006**	**AMG Northing**	**6197146**	**Drill Company**	**Underdale**
Geologist:	**GF**	**Zone:**	**53**	**Total Depth (m)**	**31.5**

Depth	Lithology	Sample No.	Description
0 -1	SOIL/CALCRETE		Soil, clayey, brown, sandy with pisolites
1 - 2	CLAY		Clay, orange-brown, with iron pisolites
2 - 3	CLAY		Clay, yellow-brown, slightly plastic, sandy
3-4	CLAY		Clay, mottled - red-brown-white-orange (feruginous cap on weathered basement)
4-5	CLAY		Clay, mottled - red-brown-white-orange (feruginous cap on weathered basement)
5-6	CLAY	**43161**	Clay, mottled - red-brown-white-orange (feruginous cap on weathered basement)
6-7	CLAY		Clay, mottled - red-brown-white-orange (feruginous cap on weathered basement)
7-8	CLAY		Clay, white to pale grey, slightly plastic, micaceous, fine to medium quartz
8-9	CLAY		Clay, white to pale grey, slightly plastic, micaceous, fine to medium quartz
9-10	CLAY		Clay, white to pale grey, slightly plastic, micaceous, fine to medium quartz
10-11	CLAY		Clay, white to pale grey, slightly plastic, micaceous, fine to medium quartz
11-12	CLAY	**43162**	Clay, white to pale grey, slightly plastic, micaceous, fine to medium quartz
12-13	CLAY		Clay, white to pale grey, slightly plastic, micaceous, fine to medium quartz
13-14	CLAY		Clay, white to pale grey, slightly plastic, micaceous, fine to medium quartz
14-15	CLAY		Clay, white to pale grey, slightly plastic, micaceous, fine to medium quartz
15-16	CLAY	**43163**	Clay, white to pale grey, slightly plastic, micaceous, fine to medium quartz
16-17	CLAY		Clay, white to pale grey, slightly plastic, micaceous, fine to medium quartz
17-18	CLAY		Clay, white to pale grey, slightly plastic, micaceous, fine to medium quartz
18-19	CLAY		Clay, white, micaceous, fine to coarse white quartz with patches of iron staining
19-20	CLAY		Clay, white, micaceous, fine to coarse white quartz
20-21	CLAY		Clay, white to brown (Fe-staining), very micaceous, fine to coarse grained quartz - weathered
21-22	CLAY		Clay, white to brown (Fe-staining), very micaceous, fine to coarse grained quartz - weathered
22-23	CLAY		Clay, white to brown (Fe-staining), very micaceous, fine to coarse grained quartz - weathered
23-24	CLAY		Clay, white to brown (Fe-staining), very micaceous, fine to coarse grained quartz - weathered
24-25	CLAY	**43164**	Clay, white to brown (Fe-staining), very micaceous, fine to coarse grained quartz - weathered
25-26	CLAY		Clay, white to brown (Fe-staining), very micaceous, fine to coarse grained quartz - weathered
26-27	CLAY		Clay, white to brown (Fe-staining), very micaceous, fine to coarse grained quartz - weathered
27-28	CLAY		Clay, white to brown (Fe-staining), very micaceous, fine to coarse grained quartz - weathered
28-29	CLAY		NO SAMPLE
29-30	CLAY		Clay, pale yellow to brown, micaceous, fine to coarse quartz
30-31	CLAY	**43165**	Clay, off-white to white, micaceous, fine to coarse quartz
31-31.5	CLAY	**43166**	Clay, off-white to white, micaceous, fine to coarse quartz

Coulta Project

Drill Hole No.	**COU 022**	**AMG Easting**	**538505**	**Drilling Method**	**Rotary Mud**
Date:	**29 November 2006**	**AMG Northing**	**6204547**	**Drill Company**	**Underdale**
Geologist:	**GF**	**Zone:**	**53**	**Total Depth (m)**	**20**

Depth	Lithology	Sample No.	Description
0 -1	SOIL/CALCRETE		Soil, brown, calcereous with sheet calcrete
1 - 2	CALCRETE		Calcrete, sheet calcrete, yellow-brown, fine to medium grained quartz, then thin ferruginous layer
2 - 3	CALCRETE		Calcrete, sheet calcrete, yellow-brown, fine to medium grained quartz
3-4	GRAVEL		Gravel, quartz, subangular to rounded
4-5	CLAY		Clay, white, micaceous, wet, fine to coarse quartz and bleached feldspar grains
5-6	CLAY		Clay, white, micaceous, wet, fine to coarse quartz and bleached feldspar grains
6-7	CLAY	**43168**	Clay, off-white with iron-rich fragments
7-8	CLAY		Clay, off-white with iron-rich fragments
8-9	GRANITE/GNEISS	**43169**	Granite, coarse aggregates - quartz-feldspar-biotite - highly weathered
9-10	GRANITE/GNEISS		Granite, coarse aggregates - quartz-feldspar-biotite - highly weathered
10-11	GRANITE/GNEISS	**43170**	Granite, coarse aggregates - quartz-feldspar-biotite - highly weathered
11-12	GRANITE/GNEISS		Granite, coarse aggregates - quartz-feldspar-biotite - highly weathered
12-13	GRANITE/GNEISS		Granite, coarse aggregates - quartz-feldspar-biotite - highly weathered
13-14	GRANITE/GNEISS		Granite, coarse aggregates - quartz-feldspar-biotite - highly weathered
14-15	GRANITE/GNEISS	**43171**	Clay, heavily iron stained with ironstone fragments, quartz-feldspar-biotite grains
15-16	GRANITE/GNEISS		Clay, heavily iron stained with ironstone fragments, quartz-feldspar-biotite grains
16-17	GRANITE/GNEISS		Clay, heavily iron stained with ironstone fragments, quartz-feldspar-biotite grains
17-18	GRANITE/GNEISS		Clay, heavily iron stained with ironstone fragments, quartz-feldspar-biotite grains
18-19	GRANITE/GNEISS	**43172**	Granite, brown iron rich clay with chips of medium to coarse grained granite/gneiss
19-20	GRANITE/GNEISS		Granite, brown iron rich clay with chips of medium to coarse grained granite/gneiss

Coulta Project

Drill Hole No. COU 023	**AMG Easting** 538349	**Drilling Method** Aircore	**Total Depth (m)** 126	
Date: 31/1/07	**AMG Northing** 6204430	**Drill Company** Underdale	**60° to 090°**	
Geologist: RD	**Zone:** 53			

Depth	Lithology	Sample No.	Description
0-20			0-20 for description see hole COU016
20-21	CLAY		white, off-white clag with angular coarse quartz - minor feldspar and miccas probably granitic
21-22	CLAY		white, off-white clag with angular coarse quartz - minor feldspar and miccas probably granitic
22-23	CLAY		white, off-white clag with angular coarse quartz - minor feldspar and miccas probably granitic
23-24	CLAY		more white - as above quartz up to > 1cm
24-25	CLAY		
25-26	GRANITE/GNEISS		beige - powdered quartz feldspar mica granite - is much harder
26-27	GRANITE/GNEISS		beige - powdered quartz feldspar mica granite - is much harder
27-28	GRANITE/GNEISS		beginning fresh rock - quartz - feldspar minor bi granite
28-29	GRANITE/GNEISS	**43173**	granite rock chips - as above
29-30	GRANITE/GNEISS		greenish clag with mic? (bi) - probably micci? Shear band
30-31	GRANITE/GNEISS		quartz - bi with feldspar gneiss - minor (?) component. Greenish probably orthogneiss - granite?
31-32	GRANITE/GNEISS		off white - inc bi
32-33	GRANITE/GNEISS	**43174**	off white to green
33-34	GRANITE/GNEISS		bi rich - quartz bi gneiss - greenish colour powder
34-35	GRANITE/GNEISS		quartz bi gneiss
35-36	GRANITE/GNEISS		quartz bi gneiss
36-37	GRANITE/GNEISS	**43175**	quartz bi gneiss
37-38	GRANITE/GNEISS		quartz bi gneiss
38-39	GRANITE/GNEISS		quartz bi gneiss
39-40	GRANITE/GNEISS		quartz bi gneiss
40-41	GRANITE/GNEISS	**43176**	quartz bi gneiss
41-42	GRANITE/GNEISS		quartz bi pl gneiss (granite?) pinky to white feldspar, greenish bi (Ti rich?)
42-43	GRANITE/GNEISS		quartz bi gneiss
43-44	GRANITE/GNEISS		quartz bi gneiss
44-45	GRANITE/GNEISS	**43177**	quartz bi gneiss
45-46	GRANITE/GNEISS		quartz bi gneiss
46-47	GRANITE/GNEISS		quartz bi gneiss
47-48	GRANITE/GNEISS		rock powder more greenish - bi rich, bi rich schist - some magnetite
48-49	GRANITE/GNEISS	**43178**	back to quartz bi feldspar rock - still some magnetite
49-50	SCHIST		quartz feldspar bi rich - some magnetite
50-51	SCHIST		bi rich quartz feldspar schist? With magnetite and pyrite
51-52	GNEISS		bi schist with quartz feldspar with magnetite

Depth	Lithology	Sample No.	Description
52-53	GNEISS	**43179**	quartz - feldspar - bi gneiss with fine magnetite
53-54	GNEISS		quartz - feldspar - bi gneiss with fine magnetite
54-55	GNEISS		quartz - feldspar - bi gneiss with fine magnetite
55-56	GNEISS		quartz - feldspar - less bi - fine magnetite
56-57	GNEISS	**43180**	quartz - feldspar - less bi - fine magnetite with ? Trace sulphides
57-58	GNEISS		quartz - feldspar - less bi - fine magnetite, no sulphides visible
58-59	GNEISS		quartz - feldspar - less bi - fine magnetite, redish coloured minor possible altered bi?
59-60	GNEISS		quartz - feldspar - less bi - fine magnetite
60-61	GNEISS	**43181**	quartz - feldspar - less bi - fine magnetite
61-62	GNEISS		quartz - feldspar - less bi - fine magnetite, some green plag
62-63	GNEISS		feldspar (plag) quartz bi gneiss minor mag
63-64	GNEISS		feldspar slightly more bi rich minor mag
64-65	GNEISS	**43182**	feldspar - red feldspar
65-66	GNEISS		feldspar
66-67	GNEISS		feldspar
67-68	GNEISS		feldspar
68-69	GNEISS	**43183**	feldspar
69-70	GNEISS		feldspar
70-71	GNEISS		feldspar
71-72	GNEISS		feldspar
72-73	GNEISS	**43184**	feldspar slightly more schisty (green micca powder)
73-74	GNEISS		feldspar
74-75	GNEISS		feldspar
75-76	GNEISS		feldspar
76-77	GNEISS	**43185**	feldspar
77-78	GNEISS		feldspar
78-79	GNEISS		feldspar more bi rich
79-80	GNEISS		feldspar
80-81	GNEISS	**43186**	feldspar
81-82	GNEISS		feldspar bi rich
82-83	GNEISS		feldspar
83-84	GNEISS		feldspar few granite pyrite
84-85	GNEISS	**43187**	as above quartz feldspar bi gneiss with minor magnetite and ? Of pyrite
85-86	GNEISS		quartz feldspar bi gneiss with minor magnetite and ? Of pyrite
86-87	GNEISS		quartz feldspar bi gneiss with minor magnetite
87-88	GNEISS		quartz feldspar bi gneiss
88-89	GNEISS	**43188**	quartz feldspar bi gneiss
89-90	SCHIST		quartz feldspar bi gneiss bi rich
90-91	SCHIST		bi schist - minor quartz feldspar
91-92	SCHIST		bi schist

Depth	Lithology	Sample No.	Description
92-93	SCHIST	**43189**	quartz bi rich schist - minor magnetite
93-94	SCHIST		quartz bi rich schist
94-95	SCHIST		quartz bi rich schist
95-96	SCHIST		quartz bi rich schist
96-97	SCHIST	**43190**	quartz bi rich schist
97-98	SCHIST		quartz bi rich schist
98-99	SCHIST		quartz bi rich schist
99-100	SCHIST		quartz bi rich schist
100-101	GNEISS	**43191**	quartz feldspar bi gneiss (more felsic less bi) - minor magnetite
101-102	GNEISS		quartz feldspar bi gneiss
102-103	GNEISS		quartz feldspar bi gneiss more bi rich lager
103-104	GNEISS		quartz feldspar bi gneiss more bi rich lager
104-105	GNEISS	**43192**	quartz feldspar bi gneiss more felsic
105-106	GNEISS		quartz feldspar bi gneiss
106-107	GNEISS		quartz feldspar bi gneiss with minor magnetite (more bi rich)
107-108	GNEISS		quartz feldspar bi gneiss
108-109	GNEISS	**43193**	quartz feldspar bi gneiss felsic lager
109-110	GNEISS		quartz feldspar bi gneiss
110-111	GNEISS		quartz feldspar bi gneiss
111-112	GNEISS		quartz feldspar bi gneiss becoming bi rich
112-113	GNEISS	**43194**	quartz feldspar bi gneiss
113-114	GNEISS		quartz feldspar bi gneiss
114-115	GNEISS		quartz feldspar bi gneiss slightly more felsic
115-116	GNEISS		quartz feldspar bi gneiss
116-117	GNEISS	**43195**	quartz feldspar bi gneiss becoming bi rich
117-118	GNEISS		quartz feldspar bi gneiss
118-119	GNEISS		quartz feldspar bi gneiss felsic
119-120	GNEISS		quartz feldspar bi gneiss
120-121	GNEISS	**43196**	quartz feldspar bi gneiss
121-122	GNEISS		quartz feldspar bi gneiss feldspar rich (pl)
122-123	GNEISS		quartz feldspar bi gneiss bi
123-124	GNEISS		quartz feldspar bi gneiss
124-125	GNEISS	**43197**	quartz feldspar bi gneiss
125-126	GNEISS		quartz feldspar bi gneiss END OF HOLE

Coulta Project

Drill Hole No. COU 024	**AMG Easting** 538309	**Drilling Method** Aircore	**Total Depth (m)** 126	
Date: 1/2/07	**AMG Northing** 6204471	**Drill Company** Underdale	**60° to 090°**	
Geologist: RD	**Zone:** 53			

Depth	Lithology	Sample No.	Description
0-14			
14-15	CLAY		hit weathered basement - micas quartz clay
20-21	CLAY		pale brown micas clay
21-22	CLAY		pale brown micas clay
22-23	CLAY		pale brown micas clay
23-24	CLAY		pale brown micas clay
24-25	CLAY		beige quartz mica clay
25-26	CLAY		beige angular coarse-gravel quartz - mica clay
26-27	GRAVEL		off white - angular coarse gravel quartz beginning fresh rock
27-28	GRANITE/GNEISS		quartz - biotite - plagioclase granite/gneiss (biotite-greenish hi Ti)
28-29	GRANITE/GNEISS	**43198**	quartz - biotite - plagioclase
29-30	GRANITE/GNEISS		quartz - biotite - plagioclase with felsic
30-31	GRANITE/GNEISS		quartz - biotite - plagioclase
31-32	GRANITE/GNEISS		quartz - biotite - plagioclase more biotite rich and minor mag
32-33	GRANITE/GNEISS	**43199**	quartz - biotite - plagioclase
33-34	GRANITE/GNEISS		quartz - biotite - plagioclase
34-35	GRANITE/GNEISS		quartz - biotite - plagioclase felsic - Visual mag assoc with quartz feldspar
35-36	GRANITE/GNEISS		quartz - biotite - plagioclase
36-37	GRANITE/GNEISS	**43200**	quartz - biotite - plagioclase
37-38	GRANITE/GNEISS		quartz - biotite - plagioclase
38-39	GRANITE/GNEISS		quartz - biotite - plagioclase
39-40	GRANITE/GNEISS		quartz - biotite - plagioclase slightly more biotite
40-41	GRANITE/GNEISS	**43201**	feldspar - quartz - biotite granite gneiss with magnetite
41-42	GRANITE/GNEISS		feldspar - quartz - biotite
42-43	GRANITE/GNEISS		feldspar - quartz - biotite more biotite rich - less magnetite
43-44	GRANITE/GNEISS		feldspar - quartz - biotite
44-45	GRANITE/GNEISS	**43202**	feldspar - quartz - biotite more felsic with pink feldspar
45-46	GRANITE/GNEISS		feldspar - quartz - biotite
46-47	GRANITE/GNEISS		feldspar - quartz - biotite
47-48	GRANITE/GNEISS		feldspar - quartz - biotite
48-49	GRANITE/GNEISS	**43203**	feldspar - quartz - biotite
49-50	GRANITE/GNEISS		feldspar - quartz - biotite
50-51	GRANITE/GNEISS		feldspar - quartz - biotite more biotite

Depth	Lithology	Sample No.	Description
51-52	GRANITE/GNEISS		feldspar - quartz - biotite
52-53	GRANITE/GNEISS	**43204**	feldspar - quartz - biotite
53-54	GRANITE/GNEISS		feldspar - quartz - biotite
54-55	GRANITE/GNEISS		feldspar - quartz - biotite
55-56	GRANITE/GNEISS		feldspar - quartz - biotite more felsic visual magnetite
56-57	GRANITE/GNEISS	**43205**	feldspar - quartz - biotite
57-58	GRANITE/GNEISS		feldspar - quartz - biotite
58-59	GRANITE/GNEISS		feldspar - quartz - biotite including biotite
59-60	GRANITE/GNEISS		feldspar - quartz - biotite
60-61	GRANITE/GNEISS	**43206**	feldspar - quartz - biotite
61-62	GRANITE/GNEISS		feldspar - quartz - biotite
62-63	GRANITE/GNEISS		quartz - feldspar - green biotite minor magnetite
63-64	GRANITE/GNEISS		quartz - feldspar
64-65	GRANITE/GNEISS	**43207**	quartz - feldspar
65-66	GRANITE/GNEISS		quartz - feldspar and pyrite
66-67	GRANITE/GNEISS		quartz - feldspar
67-68	GRANITE/GNEISS		quartz - feldspar
68-69	GRANITE/GNEISS	**43208**	quartz - feldspar biotite rich schisty lager
69-70	GRANITE/GNEISS		quartz - feldspar
70-71	GRANITE/GNEISS		quartz - feldspar felsic
71-72	GRANITE/GNEISS		quartz - feldspar visual magnetite
72-73	GRANITE/GNEISS	**43209**	quartz - feldspar
73-74	GRANITE/GNEISS		quartz - feldspar and pyrite
74-75	GRANITE/GNEISS		quartz - feldspar
75-76	GRANITE/GNEISS		quartz - feldspar
76-77	GRANITE/GNEISS	**43210**	quartz - feldspar
77-78	GRANITE/GNEISS		quartz - feldspar
78-79	GRANITE/GNEISS		quartz - feldspar
79-80	GRANITE/GNEISS		quartz - feldspar
80-81	GRANITE/GNEISS	**43211**	quartz - feldspar
81-82	GRANITE/GNEISS		quartz - feldspar
82-83	GRANITE/GNEISS		quartz - feldspar more biotite rich
83-84	GRANITE/GNEISS		quartz - feldspar
84-85	GRANITE/GNEISS	**43212**	feldspar and quartz and biotite and minor magnetite
85-86	GRANITE/GNEISS		feldspar and quartz
86-87	GRANITE/GNEISS		feldspar and quartz
87-88	GRANITE/GNEISS		feldspar and quartz
88-89	GRANITE/GNEISS	**43213**	feldspar and quartz
89-90	GRANITE/GNEISS		feldspar and quartz
90-91	GRANITE/GNEISS		feldspar and quartz

Depth	Lithology	Sample No.	Description
91-92	GRANITE/GNEISS		feldspar and quartz
92-93	GRANITE/GNEISS	**43214**	feldspar and quartz
93-94	GRANITE/GNEISS		feldspar and quartz
94-95	GRANITE/GNEISS		feldspar and quartz
95-96	GRANITE/GNEISS		feldspar and quartz
96-97	GRANITE/GNEISS	**43215**	feldspar and quartz
97-98	GRANITE/GNEISS		feldspar and quartz
98-99	GRANITE/GNEISS		feldspar and quartz
99-100	GRANITE/GNEISS		feldspar and quartz
100-101	GRANITE/GNEISS	**43216**	feldspar and quartz more biotite
101-102	GRANITE/GNEISS		feldspar and quartz
102-103	GRANITE/GNEISS		feldspar and quartz
103-104	GRANITE/GNEISS		feldspar and quartz
104-105	GRANITE/GNEISS	**43217**	feldspar and quartz
105-106	GRANITE/GNEISS		feldspar and quartz
106-107	GRANITE/GNEISS		feldspar and quartz and biotite and minor magnetite
107-108	GRANITE/GNEISS		feldspar and quartz biotite rich
108-109	GRANITE/GNEISS	**43218**	feldspar and quartz felspar rich
109-110	GRANITE/GNEISS		feldspar and quartz
110-111	GRANITE/GNEISS		feldspar and quartz biotite rich
111-112	GRANITE/GNEISS		feldspar and quartz
112-113	GRANITE/GNEISS	**43219**	feldspar and quartz felsic
113-114	GRANITE/GNEISS		feldspar and quartz
114-115	GRANITE/GNEISS		feldspar and quartz biotite rich
115-116	GRANITE/GNEISS		feldspar and quartz
116-117	GRANITE/GNEISS	**43220**	feldspar and quartz
117-118	GRANITE/GNEISS		feldspar and quartz
118-119	GRANITE/GNEISS		feldspar and quartz
119-120	GRANITE/GNEISS		feldspar and quartz
120-121	GRANITE/GNEISS	**43221**	feldspar and quartz visual magnetite
121-122	GRANITE/GNEISS		feldspar and quartz with biotite rich schisty lager
122-123	GRANITE/GNEISS		feldspar and quartz
123-124	GRANITE/GNEISS		feldspar and quartz becoming felsic
124-125	GRANITE/GNEISS	**43222**	feldspar and quartz
125-126	GRANITE/GNEISS		feldspar and quartz END OF HOLE

Coulta Project

Drill Hole No. COU 025	**AMG Easting** 538275	**Drilling Method** Aircore	**Total Depth (m)** 96	
Date: 2/2/07	**AMG Northing** 6204495	**Drill Company** Underdale	**60° to 090°**	
Geologist: RD	**Zone:** 53			

Depth	Lithology	Sample No.	Description
0-10			
10-11	GRAVEL		red coarse - gravel angular quartz - mica clay beginning of basement
11-12	CLAY		off white gravel angular quartz - mica clay beginning of basement
12-20	CLAY		
20-21	CLAY		pink quartz mica clay
21-22	CLAY		pink quartz mica clay
22-23	CLAY		off white mica clay
23-24	CLAY		off white mica clay
24-25	CLAY		off white mica clay
25-26	CLAY		off white mica clay
26-27	CLAY		off white mica clay
27-28	CLAY		off white mica clay
28-29	CLAY		off white mica clay
29-30	CLAY		off white mica clay
30-31	CLAY		off white mica clay
31-32	CLAY		off white mica clay
32-33	CLAY		off white mica clay
33-34	CLAY		off white mica clay
34-35	CLAY		off white mica clay
35-36	CLAY		orangey quartz mica clay
36-37	CLAY	**43223**	orangey-grey quartz mica clay
37-38	CLAY		beige quartz mica clay
38-39	CLAY		quartz mica clay
39-40	CLAY		beige - quartz some feldspar less mica less clay beginning fresh basement
40-41	CLAY	**43224**	coarse quartz - feldspar - little clay/mica - saprolite
41-42	GRANITE		white and orange feldspar - greenish biotite - quartz granite basement
42-43	GRANITE		white and orange feldspar
43-44	GRANITE		white and orange feldspar
44-45	GRANITE	**43225**	white and orange feldspar
45-46	GRANITE		biotite - quartz - pyrite schisty layer
46-47	GRANITE		biotite - quartz - pyrite schisty layer
47-48	GRANITE		biotite - quartz
48-49	GRANITE	**43226**	biotite - quartz

Depth	Lithology	Sample No.	Description
49-50	GRANITE		biotite - quartz
50-51	GRANITE		biotite - quartz with pyrite
51-52	GRANITE		feldspar - quartz - biotite gneiss with minor magnetite
52-53	GRANITE	**43227**	feldspar - quartz - biotite
53-54	GRANITE		feldspar - quartz - biotite
54-55	GRANITE		feldspar - quartz - biotite with pyrite
55-56	GRANITE		feldspar - quartz - biotite
56-57	GRANITE	**43228**	feldspar - quartz - biotite with pyrite
57-58	GRANITE		feldspar - quartz - biotite more biotite rich schisty layer
58-59	GRANITE		feldspar - quartz - biotite back to quartz feldspar rich with pyrite
59-60	GRANITE		feldspar - quartz - biotite
60-61	GRANITE	**43229**	feldspar - quartz - biotite
61-62	GRANITE		feldspar - quartz - biotite
62-63	GRANITE		feldspar - quartz - biotite
63-64	GRANITE		feldspar - quartz - biotite
64-65	GRANITE	**43230**	feldspar - quartz - biotite
65-66	GRANITE		feldspar - quartz - biotite
66-67	GRANITE		feldspar - quartz - biotite
67-68	GRANITE		feldspar - quartz - biotite
68-69	GRANITE	**43231**	feldspar - quartz - biotite
69-70	GRANITE		feldspar - quartz - biotite
70-71	GRANITE		feldspar - quartz - biotite
71-72	GRANITE		feldspar - quartz - biotite
72-73	GRANITE	**43232**	feldspar - quartz - biotite
73-74	GRANITE		feldspar - quartz - biotite
74-75	GRANITE		feldspar - quartz - biotite
75-76	GRANITE		feldspar - quartz - biotite
76-77	GRANITE	**43233**	feldspar - quartz - biotite
77-78	GRANITE		feldspar - quartz - biotite
78-79	GRANITE		feldspar - quartz - biotite
79-80	GRANITE	**43234**	amphibolite ? And magnetite - biotite - pyrite
80-81	GRANITE		amphibolite
81-82	GRANITE	**43235**	some amphibolite but mostly quartz feldspar biotite gneiss
82-83	GRANITE		quartz feldspar biotite granitic gneiss
83-84	GRANITE		quartz feldspar biotite granitic gneiss
84-85	GRANITE	**43236**	quartz feldspar biotite granitic gneiss
85-86	GRANITE		quartz feldspar biotite
86-87	GRANITE		quartz feldspar biotite
87-88	GRANITE		quartz feldspar biotite
88-89	GRANITE	**43237**	quartz feldspar biotite

Depth	Lithology	Sample No.	Description
89-90	GRANITE		quartz feldspar biotite
90-91	GRANITE		quartz feldspar biotite more biotite rich
91-92	GRANITE		quartz feldspar biotite
92-93	GRANITE	**43238**	quartz feldspar biotite
93-94	GRANITE		quartz feldspar biotite
94-95	GRANITE		quartz feldspar biotite more feldspar and magnetite and pyrite
95-96	GRANITE		quartz feldspar biotite - biotite rich END OF HOLE

InterMet RESOURCES

Coulta Project

Drill Hole No. COU 026	**AMG Easting** 539262	**Drilling Method** Aircore	**Total Depth (m)** 78	
Date: 3/2/07	**AMG Northing** 6197121	**Drill Company** Underdale	**60° to 090°**	
Geologist: RD	**Zone:** 53			

Depth	Lithology	Sample No.	Description
0-1		**43239**	red clay and silt and calcrete
1-2			red and grey clay and iron stone
2-3			angular quartz in calcrete
3-4			angular quartz in calcrete
4-5		**43240**	coarse to gravel angular quartz and biotite
5-6			coarse to gravel angular quartz and biotite with weathered feldspar
6-7			coarse to gravel angular quartz and biotite
7-8			coarse to gravel angular quartz and biotite
8-9		**43241**	plagioclase + biotite + quartz with muscovite granite fresh basement
9-10			plagioclase + biotite + quartz with muscovite granite
10-11			plagioclase + biotite + quartz with muscovite granite
11-12			plagioclase + biotite + quartz with muscovite granite
12-13		**43242**	plagioclase + biotite + quartz with muscovite granite
13-14			plagioclase + biotite + quartz with muscovite granite
14-15			plagioclase + biotite + quartz with muscovite granite
15-16			biotite + minor rich schisty layer
16-17		**43243**	back to quartz feldspar biotite granite
17-18			back to quartz feldspar biotite granite
18-19			quartz feldspar biotite with muscovite granite
19-20			quartz feldspar biotite with muscovite granite
20-21		**43244**	dark biotite plagioclase - quartz granite
21-22			dark biotite plagioclase less biotite
22-23			dark biotite plagioclase
23-24			dark biotite plagioclase
24-25		**43245**	dark orange ? Feldspar and some ?
25-26			dark orange ? Feldspar and some ?
26-27			dark more biotite rich layer with muscovite
27-28			dark more biotite rich layer with muscovite
28-29		**43246**	dark more biotite rich layer with muscovite
29-30			quartz feldspar (plagioclase) biotite with muscovite
30-31			dark biotite plagioclase
31-32			dark biotite plagioclase
32-33		**43247**	dark biotite plagioclase

Depth	Lithology	Sample No.	Description
33-34			dark biotite plagioclase
34-35			dark biotite plagioclase
35-36			dark biotite plagioclase - trace magnetite
36-37		**43248**	dark biotite plagioclase
37-38			dark biotite plagioclase
38-39			dark biotite plagioclase
39-40			dark biotite plagioclase
40-41		**43249**	quartz biotite feldspar (plagioclase) with muscovite
41-42			quartz biotite feldspar (plagioclase) with muscovite
42-43			quartz biotite feldspar (plagioclase) with muscovite
43-44			quartz biotite feldspar (plagioclase) with muscovite
44-45		**43250**	quartz biotite feldspar (plagioclase) with muscovite
45-46			quartz biotite feldspar (plagioclase) with muscovite
46-47			quartz biotite feldspar (plagioclase) with muscovite
47-48			quartz biotite feldspar (plagioclase) with muscovite
48-49		**43251**	quartz biotite feldspar (plagioclase) with muscovite
49-50			quartz biotite feldspar (plagioclase) with muscovite
50-51			quartz biotite feldspar (plagioclase) with muscovite
51-52			quartz biotite feldspar (plagioclase) with muscovite
52-53		**43252**	quartz biotite feldspar (plagioclase) with muscovite
53-54			quartz biotite feldspar (plagioclase) with muscovite
54-55			quartz biotite feldspar (plagioclase) with muscovite
55-56			quartz biotite feldspar (plagioclase) with muscovite
56-57		**43253**	quartz biotite feldspar (plagioclase) with muscovite
57-58			quartz biotite feldspar (plagioclase) with muscovite
58-59			quartz biotite feldspar (plagioclase) with muscovite
59-60			quartz biotite feldspar (plagioclase) with muscovite
60-61		**43254**	quartz biotite feldspar (plagioclase) with muscovite
61-62			quartz biotite feldspar (plagioclase) with muscovite
62-63			quartz biotite feldspar (plagioclase) with muscovite
63-64			quartz biotite feldspar (plagioclase) with muscovite
64-65		**43255**	quartz biotite feldspar (plagioclase) with muscovite some magnetite
65-66			quartz biotite feldspar (plagioclase) with muscovite some magnetite
66-67			quartz biotite feldspar (plagioclase) with muscovite some magnetite
67-68			quartz biotite feldspar (plagioclase) with muscovite
68-69		**43256**	quartz biotite feldspar (plagioclase) with muscovite
69-70			quartz biotite feldspar (plagioclase) with muscovite
70-71			quartz biotite feldspar (plagioclase) with muscovite
71-72			quartz biotite feldspar (plagioclase) with muscovite
72-73		**43257**	quartz biotite feldspar (plagioclase) with muscovite with pyrite

Depth	Lithology	Sample No.	Description
73-74			quartz biotite feldspar (plagioclase) with muscovite
74-75			quartz biotite feldspar (plagioclase) with muscovite
75-76			quartz biotite feldspar (plagioclase) with muscovite
76-77		**43258**	quartz biotite feldspar (plagioclase) with muscovite
77-78			quartz biotite feldspar (plagioclase) with muscovite END OF HOLE

Coulta Project

Drill Hole No. COU 027	**AMG Easting** 539785	**Drilling Method** Aircore	**Total Depth (m)** 26	
Date: 4/2/07	**AMG Northing** 6197190	**Drill Company** Underdale	**Vertical**	
Geologist: RD	**Zone:** 53			

Depth	Lithology	Sample No.	Description
0-1		**43259**	red brown clay and silty topsoil with calcrete
1-2			some red brown clay mostly calcrete
2-3			some coarse quartz (angular - rounded) and grey clay
3-4			white coarse quartz rich loaded saprolite
4-5		**43260**	white coarse quartz rich loaded saprolite
5-6			beige coarse feldspar (weathered orange) and quartz saprolite
6-7			beige coarse feldspar (weathered orange) and quartz saprolite some Fe rich clay
7-8			beige coarse feldspar (weathered orange) and quartz saprolite
8-9		**43261**	beige coarse feldspar (weathered orange) and quartz saprolite
9-10			beige coarse feldspar (weathered orange) and quartz saprolite
10-11			beige coarse feldspar (weathered orange) and quartz saprolite some miccas clay
11-12			beige coarse feldspar (weathered orange) and quartz saprolite
12-13		**43262**	beige coarse feldspar (weathered orange) and quartz saprolite
13-14			beige coarse feldspar (weathered orange) and quartz saprolite some micas
14-15			beige coarse feldspar (weathered orange) and quartz saprolite
15-16			beige coarse feldspar (weathered orange) and quartz saprolite
16-17		**43263**	beige coarse feldspar (weathered orange) and quartz saprolite
17-18			beige coarse feldspar (weathered orange) and quartz saprolite
18-19			colour change to grey green - quartz feldspar biotite with muscovite basement - same as 026
19-20			colour change to grey green - quartz feldspar biotite with muscovite basement - same as 026
20-21		**43264**	colour change to grey green - quartz feldspar biotite with muscovite basement - same as 026
21-22			colour change to grey green - quartz feldspar biotite with muscovite basement - same as 026
22-23			colour change to grey green - quartz feldspar biotite with muscovite basement - same as 026
23-24			colour change to grey green - quartz feldspar biotite with muscovite basement - same as 026
24-25		**43265**	colour change to grey green - quartz feldspar biotite with muscovite basement - same as 026
25-26			colour change to grey green - quartz feldspar biotite with muscovite basement - same as 026

Coulta Project

Drill Hole No. COU 028 **AMG Easting** 539120 **Drilling Method** Aircore **Total Depth (m)** 30

AMG Northing 6197960 **Drill Company** Underdale

Date: 4/2/07 **Vertical**

Geologist: RD **Zone:** 53

Depth	Lithology	Sample No.	Description
0-1		**43266**	brown clay and soil
1-2			brown clay - calcrete/ Fe stone
2-3			brown and grey clay - Fe stone
3-4			red clays with Fe stone - some rounded quartz
4-5		**43267**	coarse - gravel angular -rounded quartz ? With calcrete
5-6			coarse - gravel angular -rounded quartz some micas
6-7			coarse - gravel angular -rounded quartz
7-8			coarse - gravel angular -rounded quartz
8-9		**43268**	well rounded-angular quartz sand coarse-gravel
9-10			well rounded-angular quartz sand coarse-gravel
10-11			well rounded-angular quartz sand coarse-gravel some Fe staining
11-12			quartz Fe stone
12-13		**43269**	angular quartz with miccas? White clay
13-14			angular quartz with miccas? White silty clay
14-15			angular quartz with miccas? White clay
15-16			angular quartz with miccas? White clay
16-17		**43270**	angular quartz with miccas? White clay
17-18			angular quartz with miccas? White clay
18-19			angular quartz with miccas? White clay
19-20			angular quartz with miccas? White clay
20-21		**43271**	angular quartz with miccas? White clay
21-22			angular quartz with miccas? White clay
22-23			transition to biotite quartz schist
23-24			transition quartz biotite feldspar and muscovite schist/gneiss
24-25		**43272**	quartz biotite feldspar granite schist
25-26			biotite quartz feldspar schist
26-27			biotite granite quartz feldspar muscovite schist
27-28			biotite quartz feldspar with granite with muscovite
28-29		**43273**	biotite quartz feldspar with granite with muscovite
29-30			biotite quartz feldspar with granite with muscovite END OF HOLE

Coulta Project

Drill Hole No. COU 029	**AMG Easting** 539020	**Drilling Method** Aircore	**Total Depth (m)** 30	
Date: 4/2/07	**AMG Northing** 6197960	**Drill Company** Underdale	**Vertical**	
Geologist: RD	**Zone:** 53			

Depth	Lithology	Sample No.	Description
0-1		**43274**	red brown clay and silty soil
1-2			red brown clay and silty soil
2-3			beige brown clays some micas clays
3-4			red coarse-gravel rounded Fe stained quartz ?
4-5		**43275**	red brown silty clay with calcrete
5-6			calcrete
6-7			angular-rounded clean quartz gravel
7-8			white silty clay with angular-rounded quartz
8-9		**43276**	white silty clay slightly mica? clay
9-10			white silty clay
10-11			white silty clay
11-12			white silty clay
12-13		**43277**	white silty clay
13-14			white coarse angular quartz and weakened feldspar and micceous clay
14-15			white coarse angular quartz and micceous clay
15-16			angular quartz
16-17		**43278**	weathered feldspar biotite muscovite quartz basement
17-18			weathered feldspar biotite muscovite quartz basement
18-19			biotite muscovite quartz schist
19-20			biotite muscovite quartz schist
20-21		**43279**	biotite muscovite quartz feldspar schist gneiss
21-22			biotite muscovite quartz feldspar schist gneiss
22-23			biotite muscovite quartz feldspar schist gneiss
23-24			biotite muscovite quartz feldspar schist gneiss
24-25		**43280**	biotite muscovite quartz feldspar schist gneiss
25-26			biotite muscovite quartz feldspar schist gneiss
26-27			biotite muscovite quartz feldspar schist gneiss
27-28			biotite muscovite quartz feldspar minimal liniation visable
28-29		**43281**	biotite muscovite quartz feldspar more of a muscovite schist
29-30			biotite muscovite quartz feldspar END OF HOLE

Coulta Project

Drill Hole No. COU 030	**AMG Easting** 538920	**Drilling Method** Aircore	**Total Depth (m)** 24	
	AMG Northing 6197960	**Drill Company** Underdale	**Vertical**	
Date: 4/2/07				
Geologist: RD	**Zone:** 53			

Depth	Lithology	Sample No.	Description
0-1		43282	red silty soil with white clay
1-2			angular coarse quartz with clay and calcrete
2-3			angular coarse quartz with calcrete
3-4			angular coarse quartz
4-5		43283	angular coarse quartz and feldspar (weathered)
5-6			Fe stained quartz feldspar biotite saprolite
6-7			quartz biotite muscovite feldspar schist/gneiss
7-8			quartz biotite muscovite feldspar
8-9		43284	quartz biotite muscovite feldspar
9-10			quartz biotite muscovite feldspar
10-11			quartz biotite muscovite feldspar
11-12			quartz biotite muscovite feldspar
12-13		43285	quartz biotite muscovite feldspar
13-14			quartz biotite muscovite feldspar
14-15			quartz biotite muscovite feldspar
15-16			quartz biotite muscovite feldspar
16-17		43286	quartz biotite muscovite feldspar
17-18			quartz biotite muscovite feldspar
18-19			biotite-muscovite-quartz-feldspar schist/gneiss with pyrite
19-20			biotite-muscovite-quartz-feldspar schist/gneiss
20-21		43287	biotite-muscovite-quartz-feldspar schist/gneiss
21-22			biotite-muscovite-quartz-feldspar schist/gneiss
22-23			biotite-muscovite-quartz-feldspar schist/gneiss
23-24			biotite-muscovite-quartz-feldspar schist/gneiss END OF HOLE

Coulta Project

Drill Hole No. COU 031	AMG Easting 536419	Drilling Method Aircore	Total Depth (m) 96	
	AMG Northing 6221813	Drill Company Underdale	60° to 270°	
Date: 5/2/07				
Geologist: RD	Zone: 53			

Depth	Lithology	Sample No.	Description
0-1		43288	red brown silty soild and clay
1-2			red brown silty soild and clay
2-3			light brown silty clay
3-4			light brown silty clay
4-5		43289	light brown with coarse angular quartz grains
5-6			off white clays calcrete and angular quartz
6-7			off white clays calcrete and angular quartz
7-8			off white clays calcrete and angular quartz
8-9		43290	white to red brown clays some Fe stone/staining
9-10			white to red brown clays some Fe stone/staining
10-11			white to red brown clays
11-12			white to red brown clays
12-13		43291	white angular quartz rich
13-14			Fe stained quartz
14-15			Fe stained weathered quartz and biotite
15-16			Fe stained weathered quartz and biotite feldspar
16-17		43292	Fe stained weathered quartz and biotite feldspar
17-18			Fe stained weathered quartz and biotite feldspar
18-19			Fe stained weathered quartz and biotite feldspar
19-20			Fe stained weathered quartz and biotite feldspar
20-21		43293	Fe stained weathered quartz and biotite feldspar
21-22			Fe stained weathered quartz and biotite feldspar
22-23			Fe stained weathered quartz and biotite feldspar
23-24			Fe stained weathered quartz and biotite feldspar
24-25		43294	Fe stained weathered quartz and biotite feldspar
25-26			less Fe staining quartz rich and biotite and plagioclase granite/gneiss found H2O 5.5 pplagioclases
26-27			less Fe staining quartz rich and biotite and plagioclase granite/gneiss found H2O 5.5 pplagioclases
27-28			less Fe staining quartz rich and biotite and plagioclase granite/gneiss found H2O 5.5 pplagioclases
28-29		43295	less Fe staining quartz rich and biotite and plagioclase granite/gneiss found H2O 5.5 pplagioclases
29-30			still Fe staining quartz rich - biotite - plagioclase - muscovite granite/ gneiss
30-31			fresh granite
31-32			fresh granite
32-33		43296	fresh granite

Depth	Lithology	Sample No.	Description
33-34			fresh granite
34-35			fresh granite
35-36			fresh granite
36-37		**43297**	fresh granite more biotite rich
37-38			fresh granite
38-39			fresh granite
39-40			fresh granite
40-41		**43298**	fresh granite (went through a fracture with H2O)
41-42			fresh granite
42-43			fresh granite visable folication
43-44			fresh granite
44-45		**43299**	quartz biotite schist
45-46			biotite schist
46-47			biotite schist
47-48			quartz biotite gneiss
48-49		**43300**	quartz biotite gneiss
49-50			quartz biotite schist
50-51			biotite schist
51-52			biotite schist
52-53		**43301**	biotite schist
53-54			quartz biotite schist/gneiss
54-55			quartz biotite schist/gneiss
55-56			quartz biotite schist/gneiss
56-57		**43302**	quartz biotite schist/gneiss
57-58			biotite schist
58-59			biotite schist
59-60			biotite schist
60-61		**43303**	biotite schist
61-62			quartz biotite gneiss
62-63			quartz biotite with muscovite gneiss
63-64			quartz biotite with muscovite gneiss
64-65		**43304**	quartz biotite with muscovite gneiss
65-66			quartz biotite with muscovite gneiss
66-67			quartz biotite with muscovite gneiss
67-68			quartz biotite with muscovite gneiss
68-69		**43305**	quartz biotite with muscovite gneiss
69-70			quartz biotite with muscovite gneiss
70-71			quartz biotite with muscovite gneiss
71-72			quartz biotite with muscovite gneiss more biotite rich
72-73		**43306**	slight colour change to greenish and ? - quartz biotite gneiss

Depth	Lithology	Sample No.	Description
73-74			slight colour change to greenish and ? - quartz biotite gneiss
74-75			slight colour change to greenish and ? - quartz biotite gneiss
75-76			slight colour change some pyrite
76-77		**43307**	slight colour change
77-78			slight colour change
78-79			slight colour change
79-80			slight colour change
80-81		**43308**	slight colour change
81-82			slight colour change
82-83			slight colour change
83-84			slight colour change
84-85		**43309**	slight colour change
85-86			slight colour change
86-87			slight colour change
87-88			slight colour change
88-89		**43310**	slight colour change with pyrite
89-90			slight colour change
90-91			becoming more quartz rich with plagioclase
91-92			becoming more quartz rich with plagioclase
92-93		**43311**	becoming more quartz rich with plagioclase
93-94			quartz biotite gneiss
94-95			quartz biotite gneiss
95-96			quartz biotite gneiss END OF HOLE

InterMet RESOURCES

Coulta Project

Drill Hole No. COU 032	AMG Easting 558423	Drilling Method Aircore	Total Depth (m) 48
	AMG Northing 6215516	Drill Company Underdale	Vertical
Date: 5/2/07			
Geologist: RD	Zone: 53		

Depth	Lithology	Sample No.	Description
0-1		43312	beige silty soil and clay
1-2			brown clay
2-3			red clay some Fe stone/calcrete (calcereous soils)
3-4			red clay some Fe stone/calcrete (calcereous soils)
4-5		43313	red brown clay with calcrete (calcereous soils)
5-6			calcrete/ Fe stone
6-7			fine-coarse angular-rounded quartz ? With calcrete
7-8			calcrete and clay and silt
8-9		43314	calcrete and clay and silt
9-10			calcrete and clay and silt
10-11			smokey angular quartz grains with calcrete
11-12			smokey angular quartz grains
12-13		43315	smokey angular quartz grains some micas
13-14			smokey angular quartz grains
14-15			smokey angular quartz grains
15-16			smokey angular quartz grains
16-17		43316	smokey angular quartz grains some rounded- quartz grains
17-18			smokey angular quartz grains
18-19			white mica? clay
19-20			white mica? clay
20-21			white mica? clay
21-22			white mica? clay
22-23		43317	white mica? clay
23-24			white mica? clay
24-25			white mica? clay
25-26			grey micaeous clay
26-27		43318	grey micaeous clay
27-28			grey micaeous clay beginning to see fresh micas
28-29			grey micaeous clay
29-30			grey micaeous clay
30-31		43319	grey micaeous clay silty clay
31-32			grey micaeous clay
32-33			grey micaeous clay

Depth	Lithology	Sample No.	Description
33-34			grey micaeous clay
34-35		**43320**	grey micaeous clay
35-36			quartz mica (muscovite) clay fresh basement
36-37			quartz muscovite
37-38			quartz muscovite feldspar with biotite granite fine grained grey granite
38-39		**43321**	quartz muscovite feldspar with biotite granite fine grained grey granite
39-40			quartz muscovite feldspar with biotite granite fine grained grey granite
40-41			quartz muscovite feldspar with biotite granite fine grained grey granite
41-42			quartz muscovite feldspar with biotite granite fine grained grey granite
42-43		**43322**	quartz muscovite feldspar with biotite granite fine grained grey granite
43-44			quartz muscovite feldspar with biotite granite fine grained grey granite
44-45			quartz muscovite feldspar with biotite granite fine grained grey granite
45-46			quartz muscovite feldspar with biotite granite fine grained grey granite
46-47		**43323**	quartz muscovite feldspar with biotite granite fine grained grey granite
47-48			quartz muscovite feldspar with biotite granite fine grained grey granite END OF HOLE