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EL 2842 / EL 3817

TALIA HILL

ANNUAL AND FINAL REPORTS TO LICENCE EXPIRY/SURRENDER FOR THE PERIOD 19/9/2001 TO 25/6/2009

Submitted by
Mithril Resources Ltd
2009

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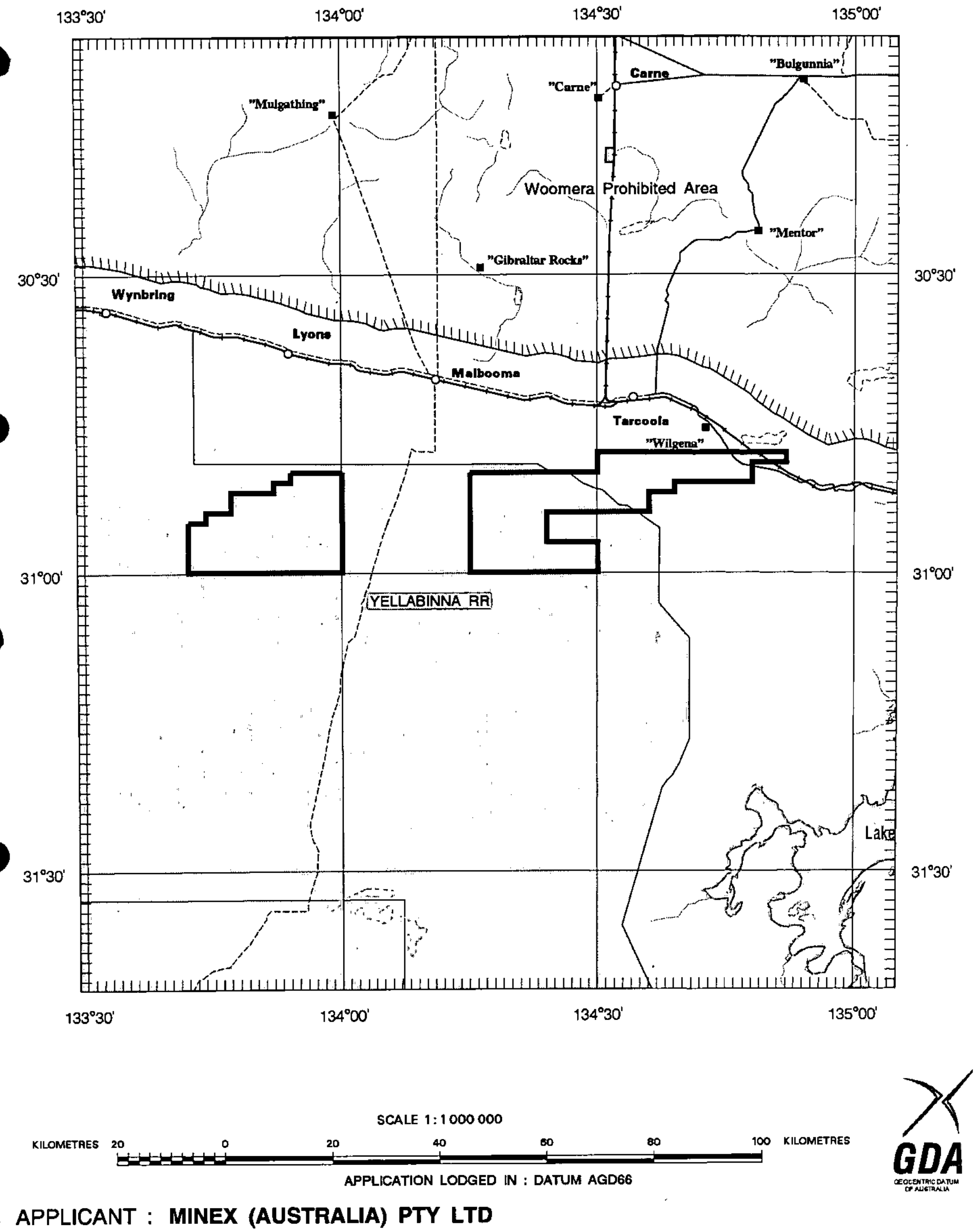
Government of South Australia
Primary Industries and Resources SA

SCHEDULE A



APPLICANT : **MINEX (AUSTRALIA) PTY LTD**

FILE REF : **35/01** TYPE : **MINERAL ONLY** AREA : **1050** km² (approx.)

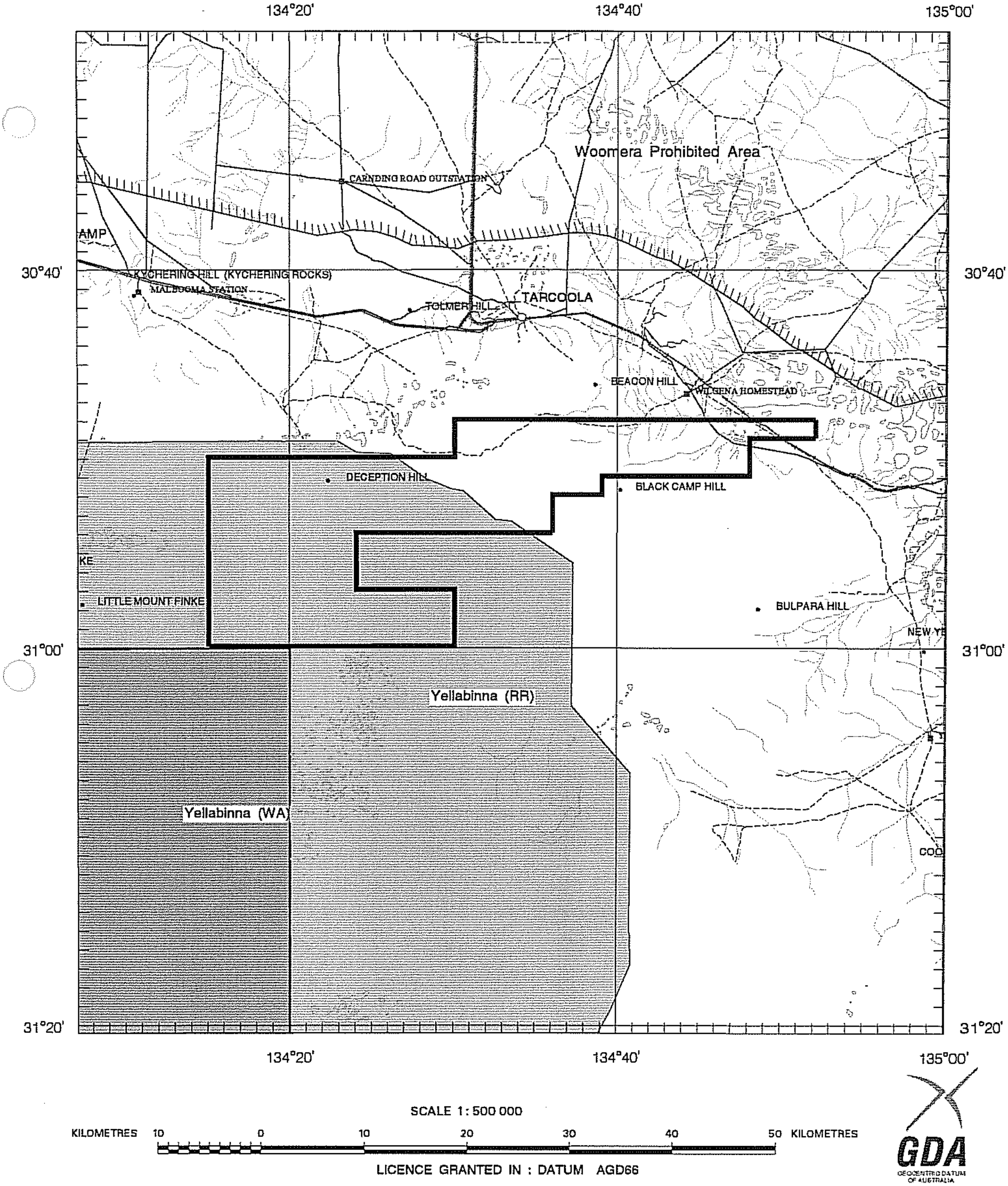
1:250000 MAPSHEETS : **TARCOOLA**

LOCALITY : **TALIA HILL AREA - Approximately 130 km north of Ceduna**

DATE GRANTED : **19 September 2001** DATE EXPIRED : **18 September ~~2002~~** **EL No : 2842**

~~2003~~
2004

SCHEDULE A



APPLICANT : **MINEX (AUST) PTY LTD**

FILE REF : **359/06** TYPE : **MINERAL ONLY** AREA : **621** km² (approx.)

1:250000 MAPSHEETS : **TARCOOLA**

LOCALITY : **TALIA HILL AREA - Approximately 130 km north of Ceduna**

DATE GRANTED : **26-Jun-2007** DATE EXPIRED : **25-Jun-2008** EL NO : **3817**

Minotaur Resources Ltd

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Talia Hill (EL2842)

Annual Report for the Year Ending 18th September 2002

13/11/02

P. W. Reid

SUMMARY

- Talia Hill comprises of two blocks of ground covering 1050 km^2 in the Tarcoola Region. These tenements cover over 120 km of strike of the Harris Greenstone Belt,
- During the reporting period PIRSA has undertaken an extensive drill campaign on the Harris Greenstone belt, much of which was carried out on Talia Hill.
- During the period Minotaur has undertaken magnetic, gravity, and EM data processing and reviewed PIRSA's drill results.
- In November 2002, Talia Hill was transferred to Mithril Resources as part of a successful nickel float.

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MINOTAUR RESOURCES LTD

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1.0 INTRODUCTION

Drilling of the Harris Greenstone Belt has revealed a package of komatiites prospective for massive Ni-Cu Sulphide with a strike length in excess of 350 km (Fig 1). Talia Hill comprises two blocks of ground covering 1050 km^2 in the Tarcoola Region (Fig 1). These tenements span over 120 km of strike of the Harris Greenstone Belt,

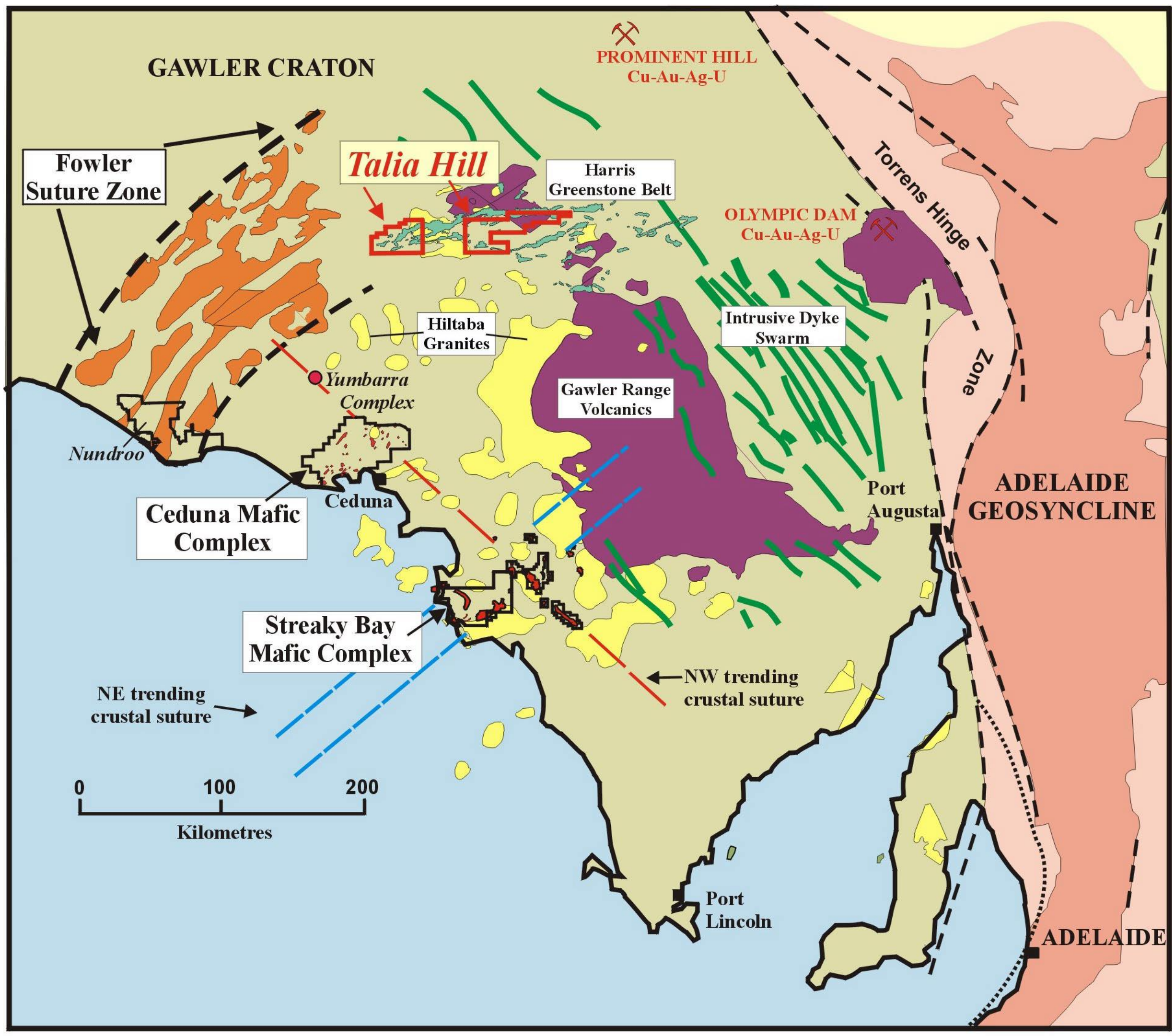

Figure 1 Talia Hill (EL 2842) locality Plan and
Mithril Resources South Australian nickel exploration provinces.

During the reporting period PIRSA has undertaken an extensive drill campaign on the Harris Greenstone Belt, much of which was carried out on Talia Hill. In the second half of the period Talia Hill was included in a transfer deal to Mithril Resources as part of their new nickel float. Expenditure for year was $64,493.

Tenement	Area	Date Granted	Date Expiry	Minimum Expenditure
EL 2842	1050 km^2	19/9/01	18/9/02	$135,000

Table 1 Talia Hill (EL 2842) Tenement Summary

2.0 PREVIOUS WORK

Several companies have undergone reconnaissance work in the area, principally in the search for sedimentary uranium, gold and base metals in the mid eighties. In the nineties PIMA Mining were the first to systematically explore the area for gold utilising the state government initiated 400m line spaced aeromagnetic data flown in 1993 and calcrete geochemistry to locate targets under cover.

ENVS 9221 and 9314 (EL 1859, 2558) PIMA Mining N.L.
Regional and infill calcrete sampling analysed for Au. Pima drilled 311 RAB, air core and open hole percussion drill holes for 7705m. Almost all of the drilling was focused in two areas of anomalous gold calcrete geochemistry (Masters and Talia Hill Prospect). Drill holes intersected a number of mafic- ultramafic lithologies including spinifex komatiite in several holes.

PIRSA Harris Greenstone Project 2001 – 2002
PIRSA has undertaken two drilling campaigns (June 2001, July 2002) in the Harris Greenstone Belt, with a significant number of these holes collared on EL 2842 (Talia Hill). In total 61 air core holes for 2997m and 9 diamond holes for 1326 m have been drilled on EL 2842. The diamond holes provide a geological and geochemical section through the komatiitic flows. Drill hole collar and summary geology tables of the drilling are contained in Appendix 2.

3.0 HARRIS GREENSTONE BELT BACKGROUND

Drilling of the Harris Greenstone Belt has revealed a package of komatiites with a strike length in excess of 350 km. The aeromagnetic image may be interpreted as one very large isoclinal fold or possibly as a composite of more than one sequence isoclinally folded (Daly 2001). The magnetic trace may be interpreted as a package of banded iron formation, basalt and ultramafic interlayered with aluminous meta-sediments. The komatiite is intruded by Glenloth Granite which has a U-Pb zircon age of ~2500 Ma (Daly 2001).

4.0 TALIA HILL PROSPECTIVITY

Limited drilling by both PIMA Mining and more recently PIRSA intersected komatiitic and high MgO basalts at Talia Hill. Figure 2 outlines projected komatitiitic outcrop based on drill-hole and aeromagnetic interpretation. A channel of ortho and meso cumulate greater than 120m deep was identified from the PIRSA Drilling.

Logging of diamond holes through channel facies of komatiite sequence has revealed thick individual flows with classic sequence of flow textures. The sequence of textures, from top to base of flow, includes hyaloclastite (flow top breccia) and coarse, platy spinifex in the A-zone and cumulate texture in the B-zone. Individual flows are in the order of 100m thickness. Detailed geochemistry has allowed for the discrimination of individual flows where textures have been obliterated. Mapping of the core and various geochemical discrimination tests indicates the komatiitic flows are part of a dynamic high-energy system ideal for sulphide precipitation. Thin section analysis of individual core samples identified small veins of pentlandite, chalcopyrite, and pyrrhotite up to 3-5%.

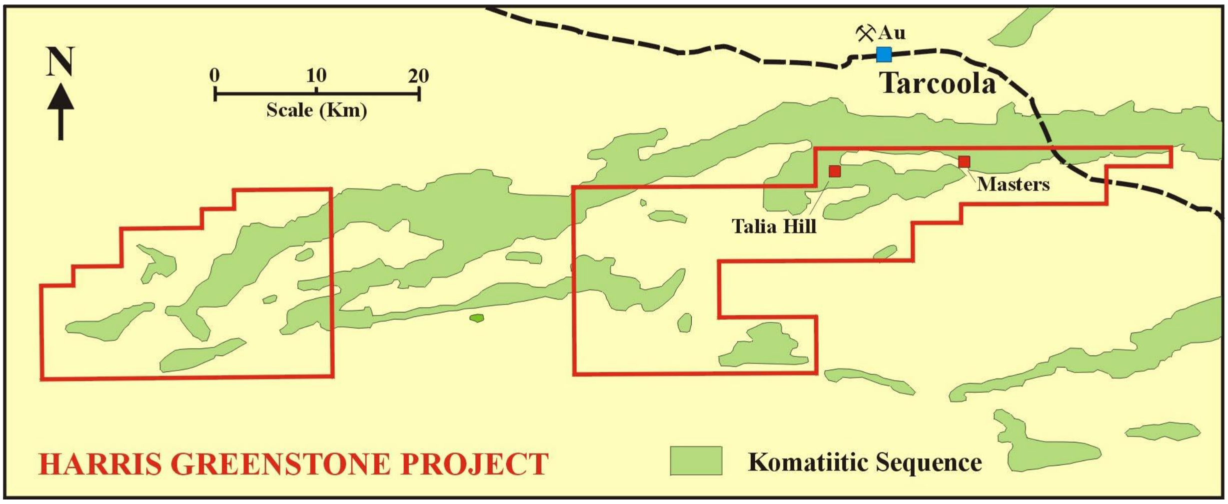

Figure 2 Interpreted extent of Harris Greenstone Belt and Historical Pima Prospects.

5.0 WORK PROGRAMME YEAR 1

Work carried out at Talia Hill comprised initially processing of the open file aeromagnetic, gravity and EM data. During the period PIRSA also had a considerable work program on the Harris Greenstone Belt. Minotaur Resources undertook several field visits during and after the drill campaign to independently log core / rock chips generated from the drilling. Rare basement outcrops were also visited.

During the second half of the period no further fieldwork was undertaken apart from the inspection of PIRSA's July 2002 drill core at the Glenside Core Storage Facility. This was due to Talia Hill being included in a transfer deal to Mithril Resources who were preparing a prospectus to explore for nickel. Under the terms of the transfer Mithril Resources officially received Talia Hill upon floating of the Australian Stock Exchange, which occurred on the 18/11/2002.

6.0 MITHRIL'S PLANNED EXPLORATION YEAR 2

A programme of regional regolith mapping and surface soil geochemistry over the interpreted komatiitic sequences is initially planned. This will be followed up with moving loop ground EM over zones of anomalous geochemistry to determine drill targets.

7.0 ANNUAL EXPENDITURE ENDING 18/09/02

Exploration Item		**Cost**
Salaries		25,660
Fees, licences		4,292
Assays		1,110
Field Expenses		1,170
Vehicle Expenses		951
Geophysical Consultants		13,750
Geological Consultants		8,900
Maps, Data, Computing		2,797
Admin Overheads (10%)		5,863
	Total	**64,493**

REFERENCES

Daly S, (2001) South Australian Archaean Greenstones, No Urban Myth. *PIRSA Open Day 2001 abstracts.*

Appendix 1
Talia Hill Rock Chip Geochemistry

IDENT	Drill Hole	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Cr	Cu	Ni	Ag	Cr
UNITS		**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
SCHEME		**FA3**	**FA3**	**FA3**	**FA3**	**FA3**	**FA3**	**IC3E**	**IC3E**	**IC3E**	**IC3E**	**IC4E**
D L		**1**	**1**	**5**	**5**	**1**	**1**	**2**	**2**	**2**	**1**	**20**
TH-01	TAR-60	<1	--	<5	--	<1	--	21	33	58	<1	40
TH-02	TAR-62	<1	--	<5	--	<1	--	10	16	21	<1	20
TH-03	TAR-59	<1	--	<5	--	<1	--	27	22	36	<1	70
TH-04	TAR-58	<1	--	<5	--	<1	--	30	35	72	<1	60
TH-05	TAR-57	<1	<1	<5	<5	7	6	2200	17	1200	<1	3900
TH-06	TAR-54	<1	--	<5	--	3	--	1000	9	950	<1	1850
TH-07	TAR-42	<1	--	<5	--	<1	--	48	100	57	9	80
TH-08	TAR-44	<1	--	<5	--	<1	--	22	100	36	<1	50
TH-09	TAR-43	<1	--	<5	--	<1	--	48	120	56	<1	90
TH-10	TAR-46	<1	--	<5	--	<1	--	14	28	19	<1	30
TH-11	TAR-77	11	--	<5	--	<1	--	51	850	63	<1	90
TH-12	TAR-76	<1	--	<5	--	<1	--	7	8	5	<1	<20
TH-13	TAR-83	<1	--	<5	--	1	--	19	18	7	<1	50
TH-14	TAR-65	<1	--	<5	--	5	--	200	41	93	<1	280
TH-15	TAR-78	<1	--	<5	--	<1	--	6	10	5	<1	<20
TH-16	TAR-72	2	--	<5	--	<1	--	34	57	28	<1	50
TH-17	TAR-89	14	9	<5	<5	1	1	49	450	60	<1	80
TH-18	TAR-80	<1	--	<5	--	<1	--	55	30	22	<1	90
TH-19	TAR-55	3	--	<5	--	5	--	360	53	330	<1	650
TH-20	TARDD87 54-56m	<1	<1	<5	<5	3	4	1400	67	950	<1	2200
TH-21	TARDD87 56-58m	<1	--	<5	--	5	--	1250	48	750	<1	1900
TH-22	TARDD87 58-60m	<1	--	5	--	4	--	1700	19	700	<1	2250
TH-23	TARDD87 60-62m	3	3	<5	<5	7	8	1050	41	490	<1	1400
TH-24	TARDD87 62-64m	6	9	<5	<5	3	4	460	110	180	<1	600

APPENDIX 2
PIRSA - TALIA HILL DRILL COLLARS

DRILL HOLE	EASTING (GDA94)	NORTHING (GDA 94)	TOTAL DEPTH	DEPTH TO BASEMENT	AZIMUTH	INCLIN.	BOTTOM HOLE	COMMENTS
TAR 42	460955	6592083	46	16	0	90	amphibolite	pet: meta-basalt
TAR 43	460906	6591985	34	14	0	90	amphibolite	pet: schistose meta-basalt
TAR 44	460870	6591888	52	16	0	90	schist	pet: layered plagioclase-rich metasediment
TAR 45	460667	6591450	73	30	0	90	granite	
TAR 46	460505	6591076	36	16	0	90	granite	pet: metasomatic shear rocks
TAR 47	460394	6590817	27	12	0	90	granite	
TAR 48	460031	6590021	52	12	0	90	granite	
TAR 49	459731	6589321	50	46	0	90	dacite	pet: porphyritic lava, possible andesite or dacite
TAR 54	461033	6592290	62	12	0	90	amphibole schist	laminated talc-chlorite schist, probable metakomatiite
TAR 55	460983	6592200	78	14	0	90	amphibole schist	sheared, altered metabasalt
TAR 56	461090	6592411	38	28	0	90	mafic	metamorphosed siliceous high Mg basalt
TAR 57	461123	6592519	50	20	0	90	amphibole schist	metakomatiite, schistose
TAR 58	461192	6592650	71	40	0	90	gneiss	altered andesite
TAR 69	466522	6591812	17	4	0	90	mylonite	metamorphosed crystal tuff to quartz microdiorite
TAR 70	466470	6591591	12	4	0	90	mylonite	altered, fragmental rock, possible acid volcanic or silicified granitoid
TAR 71	459618	6589073	60	44	0	90	quartz-diorite	pet: granophyric quartz-diorite
TAR 72	459448	6588682	41	36	0	90	granite	
TAR 75	456854	6590303	43	18	0	90	rhyolite	GRV. Pet: granophyric rhyolite
TAR 76	455113	6590984	33	12	0	90	granite	pet: microcline-rich syeno-granite or pegmatite
TAR 77	453400	6591642	19	8	0	90	amphibolite	pet: Fe-rich amphibolite or meta-basalt
TAR 78	452891	6591844	55	44	0	90	granite	pet: altered gabbro, possibly related to the Muckanipie Anorthosite
TAR 79	452373	6592040	36	18	0	90	granite	
TAR 80	458114	6589814	29	24	0	90	amphibolite	pet: probable lapilli tuff
TAR 81	458189	6589456	50	48	0	90	granodiorite	pet: probable lapilli tuff of andesitic composition
TAR 82	459140	6591999	48	30	0	90	granite	pet: quartzite with abundant microcline
TAR 89	466512	6591558	9	4	186	90	mafic	
TAR97	479428	6590382	36	22	0	90	granite	
TAR98	478782	6590768	80	>80	0	90	sand	
TAR99	478412	6591024	31	>31	0	90	sandstone	silica-cemented, Tertiary.
TAR100	477972	6591272	28	?24	0	90	felsic rock	possible Tertiary
TAR101	477890	6591322	30	>30	0	90	sandstone	silica-cemented, Tertiary.
TAR102	477767	6591409	28	>28	0	90	sandstone	silica-cemented, Tertiary.
TAR103	477703	6591512	60	44	0	90	qz-feldspar gneiss	
TAR104	477641	6591581	60	?34	0	90	amphibolite	
TAR105	477588	6591621	65	61	0	90	qz-feldspar gneiss	
TAR106	477518	6591694	59	44	0	90	qz-feldspar gneiss	
TAR107	477424	6591797	38	26	0	90	qz-feldspar gneiss	

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PIRSA - TALIA HILL DRILL COLLARS

DRILL HOLE	EASTING (GDA94)	NORTHING (GDA 94)	TOTAL DEPTH	DEPTH TO BASEMENT	AZIMUTH	INCLIN.	BOTTOM HOLE	COMMENTS
TAR108	477367	6591865	42	26	0	90	qz-feldspar gneiss	
TAR109	477276	6591953	27	>27	0	90	sandstone	silica-cemented, Tertiary.
TAR110	477195	6592082	69	>69	0	90	sand	free flowing into the hole.
TAR111	476921	6592411	35	30	0	90	granite	
TAR112	478280	6591084	32	>32.2	0	90	sandstone	silica-cemented, Tertiary.
TAR113	476745	6592622	37	32	0	90	qz-feldspar gneiss	
TAR119	468630	6590835	91	12	186	60	metavolcanic	depth of aircore hole is 58.5m.
TAR120	468621	6590808	61	8	186	60	metavolcanic	
TAR121	468630	6590745	29	2	186	60	metavolcanic	
TAR122	468629	6590730	34	4	186	60	metavolcanic	
TAR123	468626	6590713	20	4	186	60	metavolcanic	
TAR124	468625	6590701	14	2	186	60	metabasalt	
TAR125	471215	6590542	83	11	186	60	metavolcanic	depth of aircore hole is 70.3m.
TAR126	471222	6590506	70	8	186	60	granite	
TAR127	471234	6590592	64	12	186	60	metavolcanic	depth of aircore hole is 58m.
TAR128	471232	6590644	103	14	186	60	meta-komatiite	depth of aircore hole is 103m.
TAR129	471225	6590700	35	16	186	60	mylonite	
TAR130	461021	6592265	46	21	186	60	vein-quartz	
TAR131	461042	6592320	83	24	186	60	mafic gneiss	
TAR132	461076	6592369	111	26	186	60	meta-komatiite	depth of aircore hole is 84.6m.
TAR133	461098	6592430	61	20	186	60	metabasalt(Mg-rich?)	depth of aircore hole is 46.2m.
TAR134	461124	6592521	59	22	186	60	metabasalt(Mg-rich?)	depth of aircore hole is 44.4m.
TAR135	461153	6592571	67	10	186	60	metabasalt(Mg-rich?)	depth of aircore hole is 55m.
TAR136	461172	6592619	95	22	186	60	metabasalt(Mg-rich?)	depth of aircore hole is 76.3m.
TMWRDD1	461096	6592412	40	38	0	90	meta-komatiite	
TARDD 85	465228	6592201	155	4	186	60	schist	pet: 155.2m, tremolite-chlorite schist
TARDD 86	465221	6592287	150	2	186	60	meta-basalt	pet: 148.25m, amphibolite, possible Mg-rich basalt
TARDD 87	465226	6592114	150	2	186	60	meta-basalt	
TARDD 88	465238	6592037	150	4	186	60	amphibolite	
TARDD 90	468649	6591015	188	8	186	60	meta-komatiite	
TARDD91	468652	6591164	163	16	186	60	meta-komatiite	
TARDD92	468644	6590919	201	4	186	60	chert	
TARDD93	468648	6591084	129	6	186	60	schist	

MITHRIL

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TALIA HILL PROJECT

EXPLORATION LICENCE 2842

ANNUAL TECHNICAL REPORT FOR THE PERIOD 19th September 2002 to 18th September 2003

W.J McKinnon-Matthews
Chief Geologist

MAP REFERENCE:
TARCOOLA 1:250K SG53-10

SUMMARY

A data compilation and review during the reporting period led to the relinquishment of the western block of EL 2842. This data review involved re-logging of historical diamond drillholes containing komatiitic flows and an interpretation of the aeromagnetic data to determine the distribution of the komatiite flows. It was determined that the prospective basal contact of these flows had not been drill tested and is prospective for nickel sulphide accumulations.

A magnetic soil/lag program completed over prospective magnetic anomalies identified two discrete nickel anomalies, one of which is a high priority and is interpreted to be on the basal contact of the komatiites.

Work in the next year will include RC percussion drilling over this nickel anomalous area, and if successful, more soil geochemistry and surface EM.

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DATA FILES

EL2842_200307_01_geochemorient1.txt	orientation geochemistry (magnetic fractions).
EL2842_200307_02_geochemorient2.txt	orientation geochemistry (soils).
EL2842_200309_03_soilgeochem.txt	soil sample assays.

INTRODUCTION

The Talia Hill Project is located within the Harris Greenstone Belt (HGB) approximately 800km northwest of Adelaide near the town of Tarcoola in South Australia. The project consists of one tenement (EL 2842) which covers approximately 590 square kilometres. One block to the west of the current area was relinquished prior to the anniversary date. This is shown in figure 1.

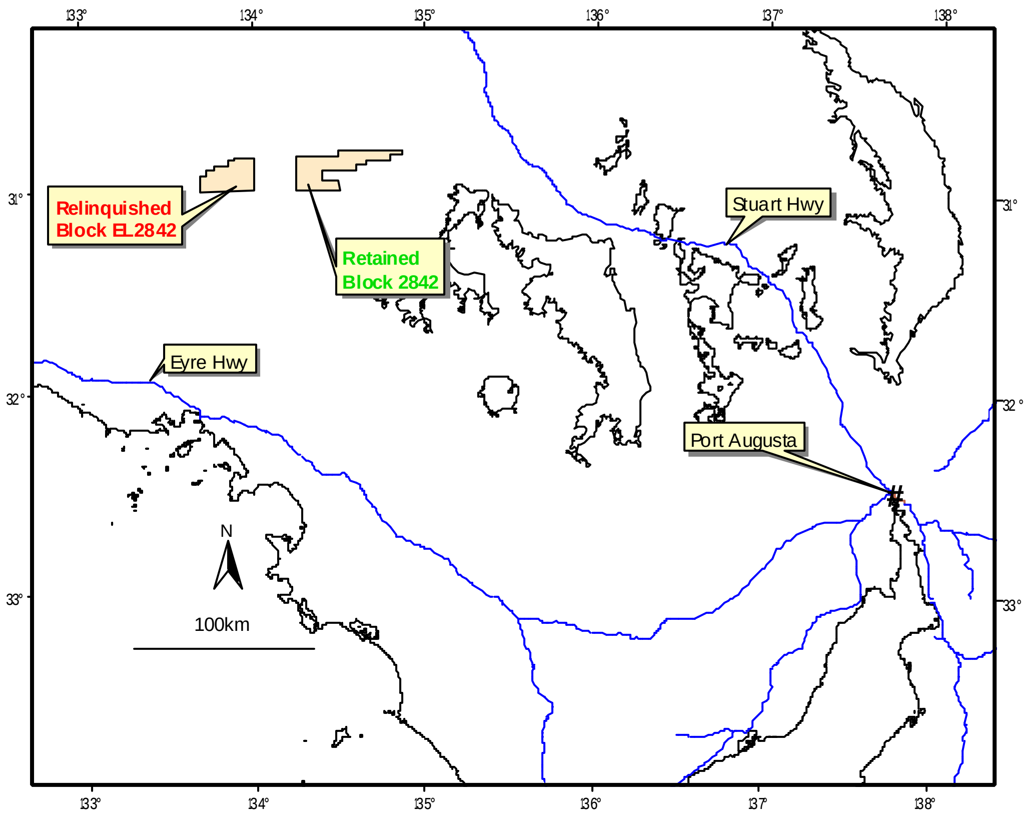

Figure 1. Tenement Location Plan.

Recent historical drilling of the HGB has identified high MgO (>40% vf) ultramafic komatiite prospective for NiS mineralisation, similar to that found in the Norseman – Wiluna Belt in Western Australia. Disseminated nickel sulphides were identified in this historical drilling which combined with the favorable host rock led Minex (Aust) Ltd to apply for the licence which was subsequently included in the initial public offering for Mithril Resources Ltd.

PREVIOUS WORK

Several companies have undergone reconnaissance work in the area, principally in the search for sedimentary uranium, gold and base metals in the mid eighties. In the nineties PIMA Mining were the first to systematically explore the area for gold utilizing, the state government initiated 400m line spaced aeromagnetic data, flown in 1993, and calcrete geochemistry to locate targets under cover.

ENVS 9221 and 9314 (EL 1859, 2558) PIMA Mining N.L.

Pima drilled 311 RAB, air core and open hole percussion drill holes for 7705 metres, initially on a regional basis followed by infill drilling and sampled the calcrete for gold. Almost all of the drilling was focused in two areas of anomalous gold calcrete geochemistry (Masters and Talia Hill Prospect). Drill holes intersected a number of mafic- ultramafic lithologies including spinifex textured komatiite in several holes.

PIRSA Harris Greenstone Project 2001 – 2002

PIRSA has undertaken two drilling campaigns (June 2001, July 2002) in the Harris Greenstone Belt, with a significant number of these holes collared on EL 2842 (Talia Hill). In total 61 air core holes for 2997 metres and 9 diamond holes for 1326 metres have been drilled on EL 2842. The diamond holes provide a geological and geochemical section through the komatiitic flows.

Logging has revealed thick individual flows interpreted as channel facies with classic sequence of flow textures. The sequences of textures, from top to base of flow, include hyaloclastite (flow top breccia) and coarse platy spinifex in the A-zone and cumulate texture in the B-zone. Individual flows are in the order of 100m thick. Detailed geochemistry has allowed for the discrimination of individual flows where textures have been obliterated. Mapping of the core and various geochemical discrimination tests indicates the komatiitic flows are part of a dynamic high-energy system ideal for sulphide precipitation. Thin section analysis of individual core samples identified small veins of pentlandite, chalcopyrite, and pyrrhotite up to 3-5%.

CURRENT WORK – MITHRIL RESOURCES

Mithril has completed a compilation and reinterpretation of the historical work resulting in the relinquishment of the western block. A comprehensive surface geochemical survey on prospective portions of the current license has been completed. In addition magnetic modeling was completed on a prospective magnetic body to model the dip of the stratigraphy. This work is sumarised in Figure 2, and expenditure for the period is detailed in Appendix 1.

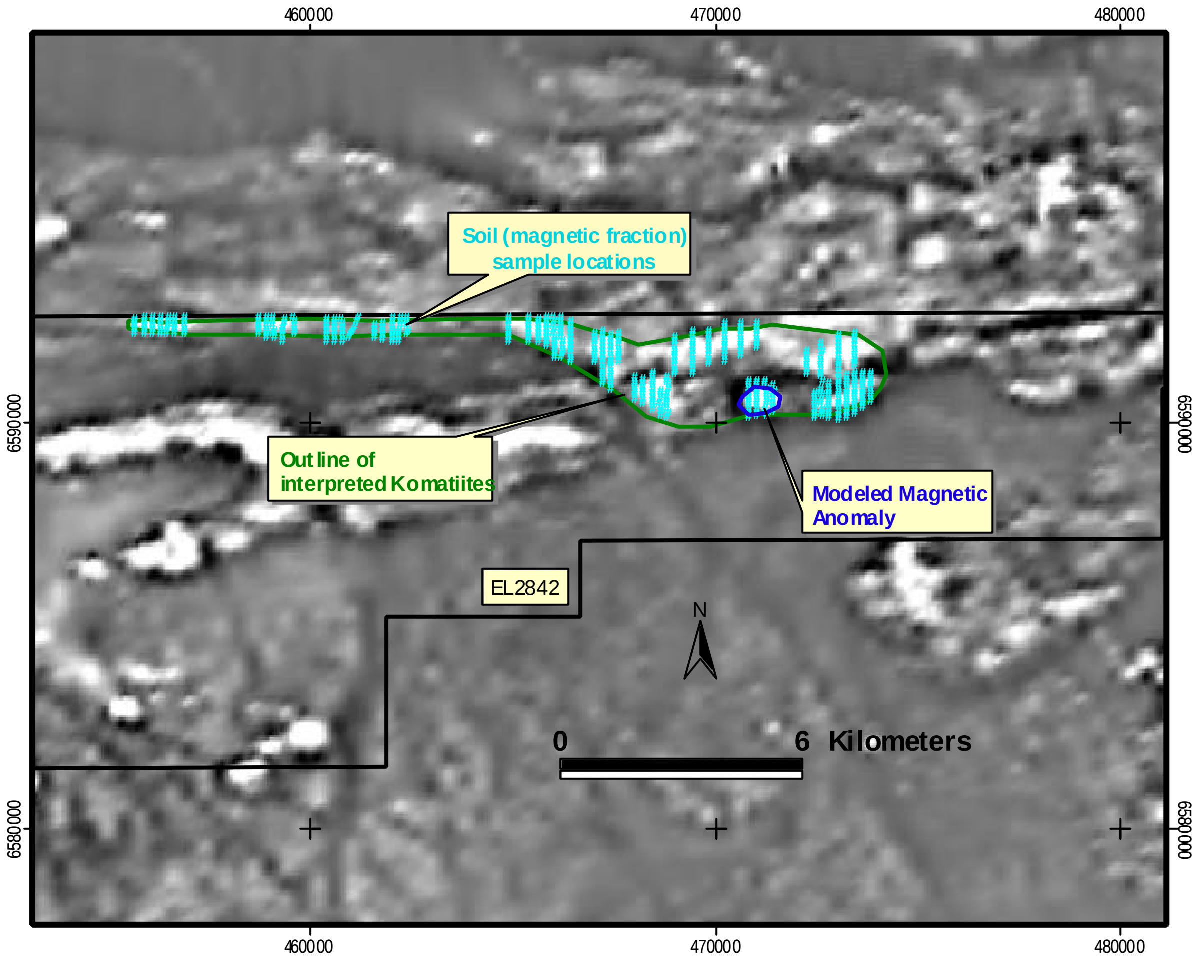

Figure 2. Summary of fieldwork on magnetics.

Compilation and Reinterpretation

The following conclusions were determined from the reinterpretation of the historical data:

- Basement within the western block was interpreted to be deep based on the limited drilling in the area. After reinterpretation of the magnetics it was also determined that there was considerable doubt as to whether there is a significant ultramafic sequence in this western block. As a result of this the western block was relinquished.
- Relogging of the diamond drillholes drilled by PIRSA indicated that the southern targeted contact on drill section containing TARD90-93 is the upper and not the basal contact. This means the basal contact remains untested by historical drilling.

Magnetic Modeling

Magnetic modeling was completed on a discrete anomaly (located in figure 2) to try to determine the dip of the body, this is sumarised below.

Anomaly 1, located at 470934E, 6590711N , MGA52.

The body models as a southerly dipping tabular body, figures 3 and 4. Dip angle 70. Magnetic Susceptibility 0.28. Depth to top of body: 37m

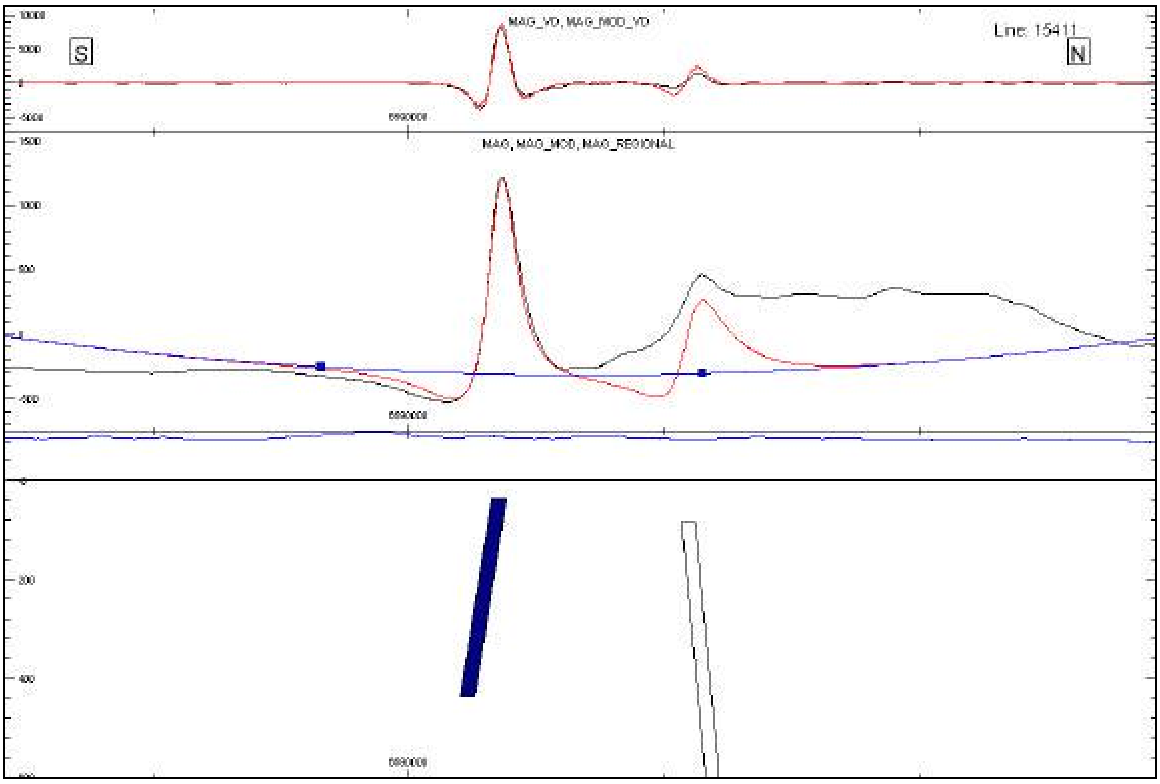

Figure 3. Magnetic Model of anomaly 1.

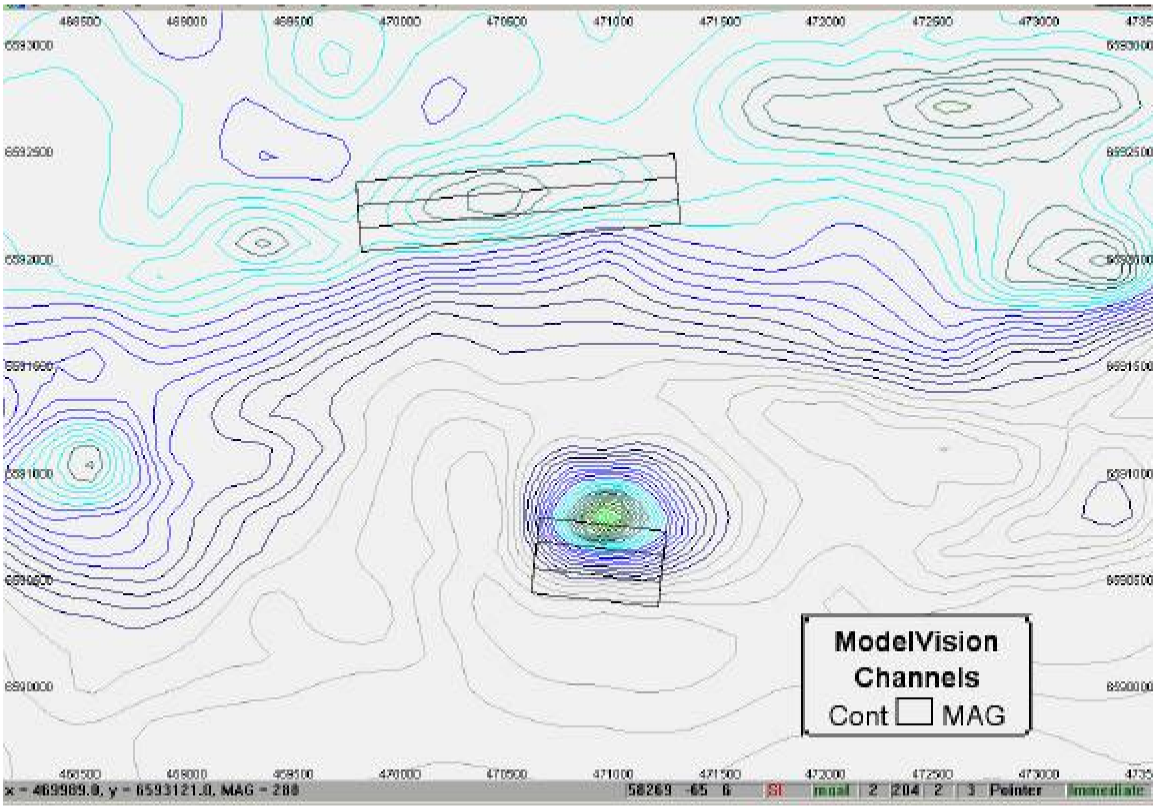

Figure 4. Location of modeled magnetic anomaly.

Surface Geochemical Sampling

Orientation Survey.

Two orientation soil geochemical traverses were conducted over selected magnetic anomalies, known to contain ultramafic stratigraphy (from the historical drilling). The traverses were designed to determine if this technique would be effective in discriminating ultramafic stratigraphy from other rock types within the greenstone sequence and to identify areas of potential nickel sulphide mineralisation. Five samples on one traverse were taken for three separate fractions. A -200um fraction, a -2mm fraction and a magnetic fraction were submitted for IC3E analysis (mixed acid digest) at AMDEL laboratories in Adelaide for Ag, As, Bi, Ca, Cd, Ce, Co, Cr, Fe, K, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Sb, Sr, Ti, V, Y, Zn and S. Samples were ground in a zirconia bowl to eliminate contamination during pulverizing. In addition a magnetic fraction was submitted for analysis from another traverse containing 8 samples. It was found from the analysis that the magnetic fraction was the most effective in discriminating the ultramafic stratigraphy – specifically in Ni and Cr. These analyses are contained in Appendix 2 and 3.

Magnetic lag/magnetic soil sampling and analysis

As there appeared to be a good correlation of the magnetic fraction detecting ultramafic stratigraphy beneath the relatively thin cover (<20m as determined by historical drilling) a large sampling program was completed in August over prospective magnetic anomalies on a 200m x 100m or 400m x 100m grid. In total 466 samples, located in figure 2, were analysed by Amdel in Adelaide for Ag, As, Bi, Ca, Cd, Ce, Co, Cr, Fe, K, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Sb, Sr, Ti, V, Y, Zn and S. The samples collected were a magnetic fraction of the soil. These were obtained by dragging a large (150mm x 100mm x 25mm) ferrite block sealed in plastic over the sample site once the top 1cm of soil had been scraped away. The magnetic fraction was then placed into a small paper sample bag. Where the ground was wet or damp a bulk soil sample of approximately 6-8kg was taken and after the sample was dried the magnetic fraction was removed by the ferrite block using the same procedure employed in the field. Duplicates were taken every 25-30 samples and standards were inserted approximately every 30 samples. These analytical results can be found in Appendix 4.

Soil sampling results/interpretation

The analytical results identified two areas of significant nickel anomalism which are shown in figure 5.

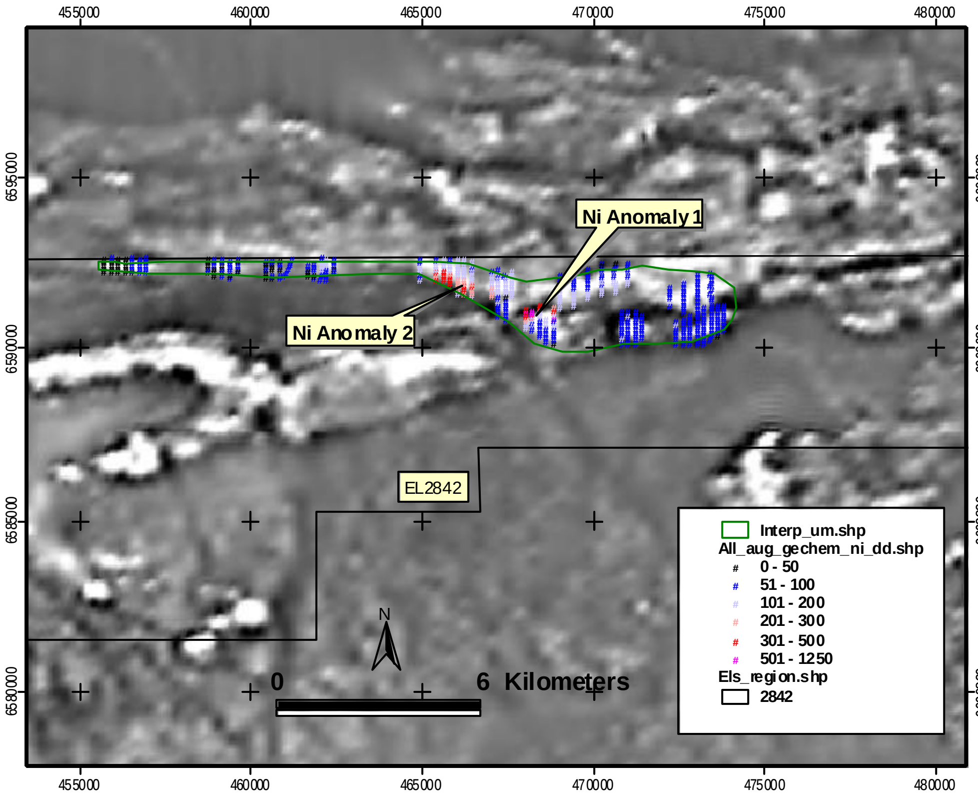

Figure 5. Magnetic soil/lag nickel anomalism on magnetics.

Nickel anomaly 1 is open to the north and associated with a chromium anomaly as shown in figure 6. Cobalt and arsenic display a weak correlation with anomaly 1. Nickel anomaly 2 is associated with a copper anomaly and is open to the south as shown in figure 7. Other elements showing anomalism coincident with anomaly 2 are cobalt, manganese, cerium and zinc.

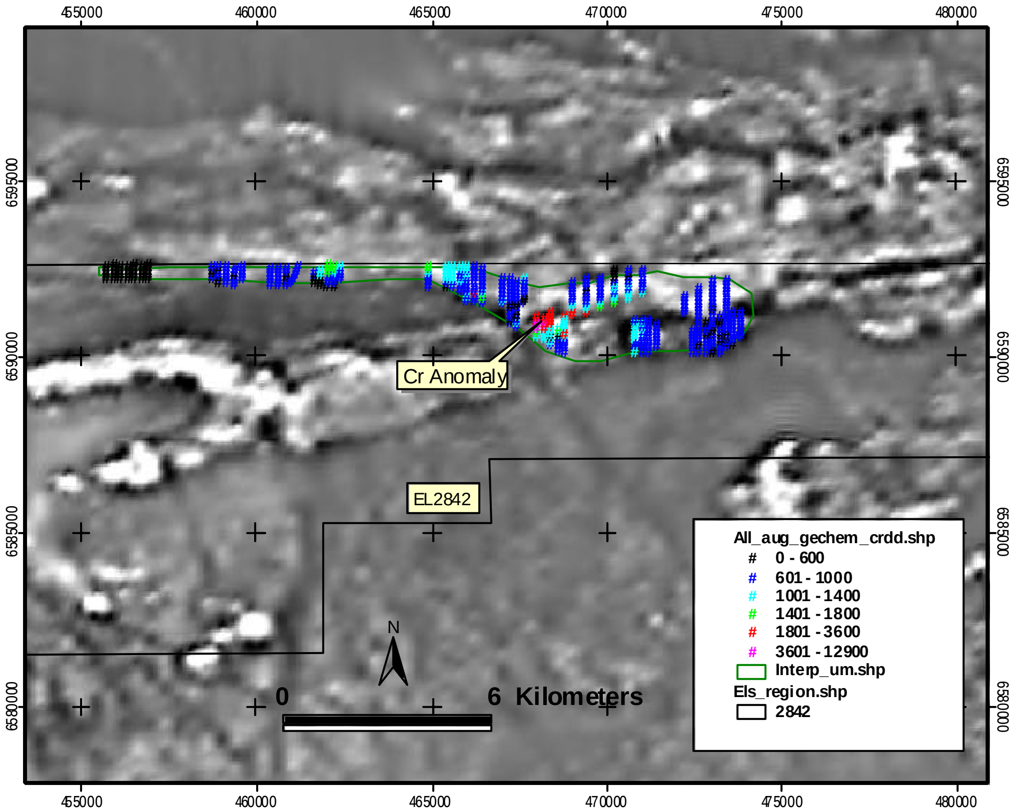

Figure 6. Magnetic soil/lag chromium anomalism on magnetics.

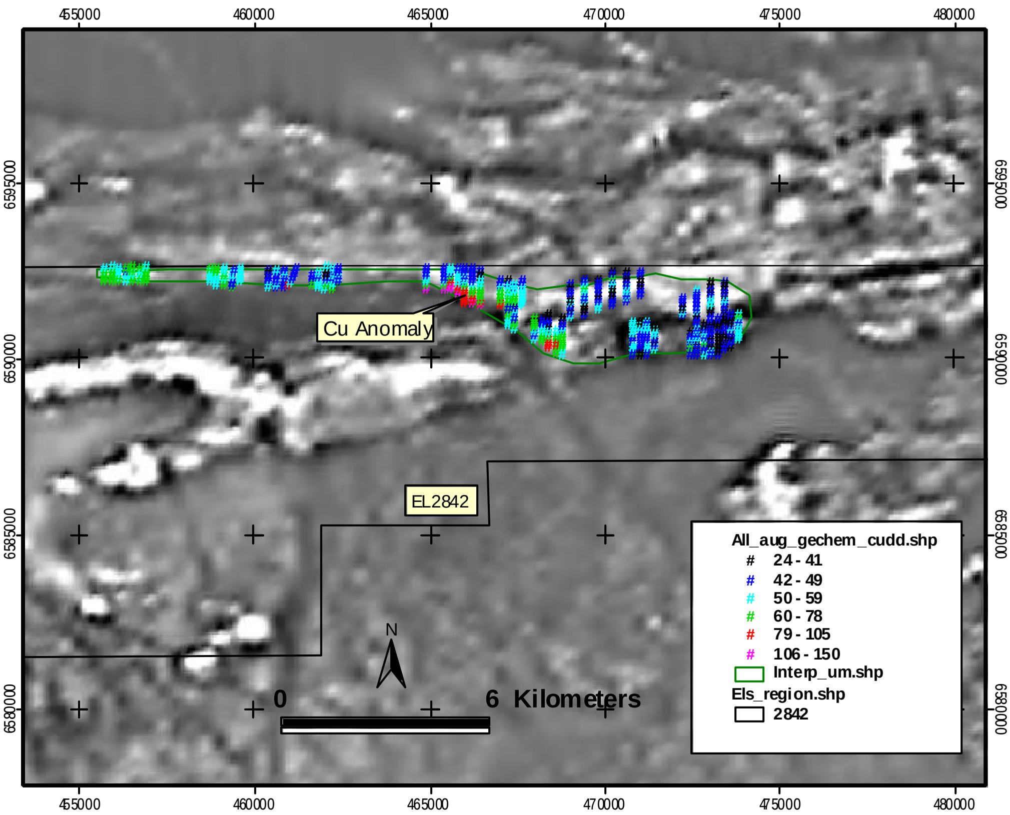

Figure 7. Magnetic soil/lag copper anomalism on magnetics.

Nickel plotted over manganese as shown in figure 8, indicates the elevated nickel values are not simply a function of manganese scavenging which is a significant possibility for nickel anomaly 2. This Ni/Cr anomaly is located on the northern margin of a magnetic anomaly confirmed to be part of the basal komatiitic sequence from relogging of the historical drill holes.

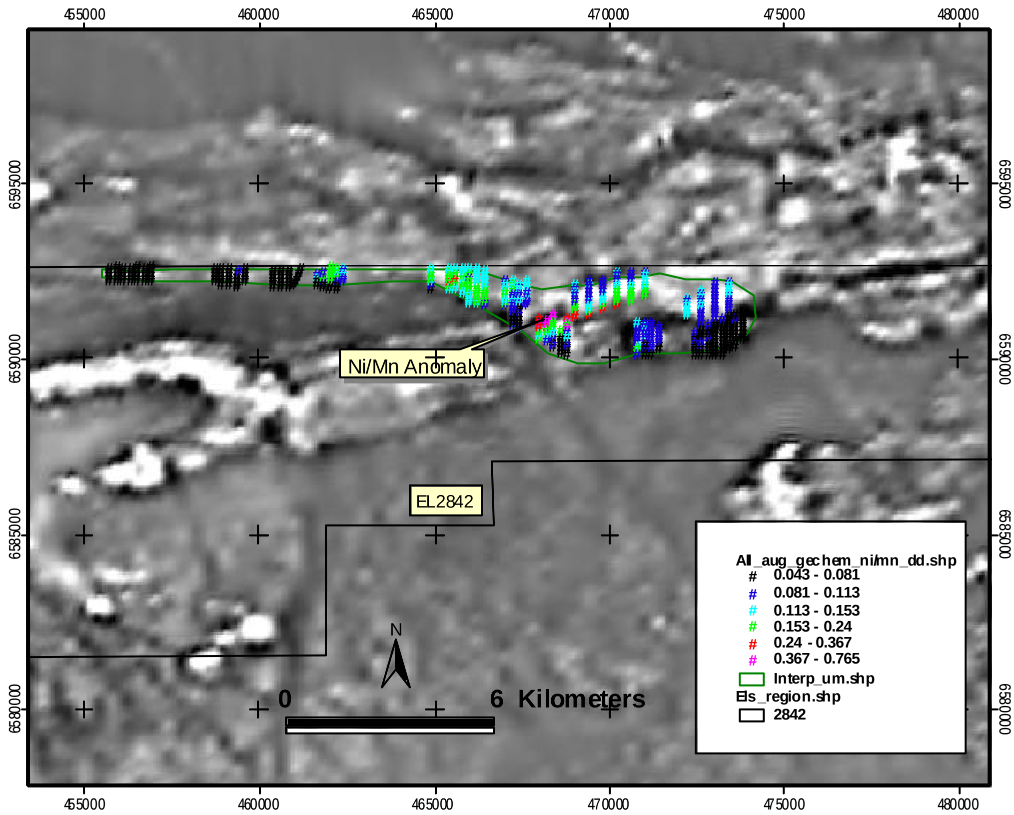

Figure 8. Magnetic soil/lag Ni/Mn anomalism on magnetics.

CONCLUSIONS

Relogging of the PIRSA diamond drill holes suggests the prospective basal contact for the komatiites is the northern and not the southern contact. The magnetic soil/lag Ni/Cr geochemical anomaly (Ni anomaly 1) is a target for nickel sulphide mineralisation considering the geochemical association and proximity to the basal contact.

The other significant nickel in soil anomaly (Ni anomaly 2) is associated with elevated copper and manganese with the manganese likely to be acting as a scavenger for these other elements. Considering the metal association and interpreted position in the stratigraphy, anomaly 2 is considered a lower priority.

FURTHER WORK

Further field work in this area will consist of a series of shallow RC percussion drillholes to test the anomalous area outlined by Ni anomaly 1. This program will be planned to test the interpreted basal (northern) contact of the komatiite sequence for nickel sulphide mineralisation.

APPENDIX 1
EXPENDITURE DETAILS

EL 2842, Talia Hill

Expenditure details for period 19/9/02 – 18/9/03

Salaries	$33,940
Fees, licences,	$3,734
Maps, Data, Computing Expenses	$1,359
Field Expenses	$842
Vehicle Hire	$3,630
Vehicle Costs (fuel, repairs)	$686
Assay Costs	$979
Admin Overheads (10%)	$4,517
TOTAL	**$49,687**

Total Expenditure for the Licence (since grant) $114,820

APPENDIX 2
ORIENTATION GEOCHEMISTRY

SampleNo	Traverse	Easting (wgs84)	Northing (wgs84)	Comments	SampleType
P433736MAGS	traverse3	465245	6592656	Sandy soil, rock frags, pebble conglom	mag lag
P433737MAGS	traverse3	465210	6592559	Sandy soil, rock frags, silcrete, ferruginous material	mag lag
P433738MAGS	traverse3	465176	6592461	Sandy, calcrete, fe rich rock frags, minor ridge	mag lag
P433739MAGS	traverse3	465178	6592343	Calcrete, minor rock frags, minor ridge	mag lag
P433740MAGS	traverse3	465130	6592253	Sandy, vf mag fraction in Aeolian cover	mag lag
P433741MAGS	traverse3	465124	6592147	Sandy - fine grained, no rock frags	mag lag
P433742MAGS	traverse3	465106	6592055	Sandy, no rock frags, some calcrete at surface	mag lag
P433743MAGS	traverse3	465103	6591948	Sandy cover, no rock frags.	mag lag
P433757MAGS	traverse5	468651	6591289	fine sand no lag green veg	mag lag
P433756MAGS	traverse5	468630	6591181	fine sand minor q lag	mag lag
P433755MAGS	traverse5	468616	6591093	fine sand with no sig lag	mag lag
P433754MAGS	traverse5	468621	6590983	fine sand with minor lag	mag lag
P433753MAGS	traverse5	468624	6590870	fine sand with minor lag	mag lag

ELEMENT	-1.7mm	MagWt	Ag	As	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
UNITS	grams	grams	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
SCHEME	DT1	DT1	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
DETECTIONLIMIT	0.01	0.01	1	3	5	10	2	10	2	2	2	100	10	10	5	3	10	5	2	5	5	5	2	10	2	2	2	50
P433736MAGS	681.0	7.45	<1	16	16	2400	<2	45	3	600	96	225000	7100	1950	700	<3	750	16	39	320	44	6	50	9900	400	18	96	150
P433737MAGS	556.2	3.99	<1	22	8	2850	<2	40	8	600	98	237000	8750	2150	900	<3	900	28	41	330	46	12	54	14200	430	18	120	200
P433738MAGS	425.6	3.58	<1	10	6	16000	<2	35	<2	420	130	168000	8150	2850	700	4	950	24	38	300	48	8	90	11800	300	14	125	200
P433739MAGS	620.2	3.83	<1	20	14	3000	<2	45	3	600	130	248000	8400	2200	1150	4	900	24	52	290	46	8	54	15900	420	19	160	150
P433740MAGS	894.4	4.88	<1	14	18	2300	<2	50	3	550	98	240000	11100	1900	1150	<3	1150	20	66	290	50	<5	56	15100	410	17	125	150
P433741MAGS	639.4	6.21	<1	14	<5	3800	<2	45	14	410	78	136000	9200	6550	950	6	1150	18	135	270	34	<5	68	11400	260	19	120	250
P433742MAGS	843.7	4.08	<1	18	18	3100	<2	55	9	440	120	260000	10500	2400	1850	<3	1850	32	66	320	48	12	54	23200	460	23	170	150
P433743MAGS	639.5	5.74	<1	18	<5	10800	<2	55	18	290	110	221000	7600	3700	1500	4	1700	18	54	280	44	<5	66	13300	430	25	165	200
P433757MAGS	671.6	8.08	<1	8	<5	3850	<2	50	11	330	90	101000	12500	4450	700	6	1850	20	58	270	36	10	76	10400	185	21	120	200
P433756MAGS	562.9	6.39	<1	12	<5	36200	<2	40	11	440	130	111000	10300	5250	600	6	1700	20	70	270	42	<5	105	9400	200	16	135	200
P433755MAGS	603.7	7.16	<1	8	6	16500	<2	45	9	800	195	152000	9900	4050	700	4	1850	22	92	240	48	6	82	10500	280	17	165	200
P433754MAGS	681.0	3.24	<1	20	14	5450	<2	50	13	1450	310	203000	9450	4050	1000	6	1750	34	115	300	76	10	64	16800	380	21	250	250
P433753MAGS	778.8	4.11	<1	14	8	3100	<2	50	12	1550	125	188000	10200	3250	1100	8	1900	36	120	320	86	10	56	17800	360	20	175	250

APPENDIX 3
ORIENTATION GEOCHEMISTRY

				IDENT	Ag	As	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
				UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				SCHEME	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
	Easting	**Northing**		DETECTION LIMIT	1	3	5	10	2	10	2	2	2	100	10	10	5	3	10	5
Sample #	**(wgs 84)**	**(wgs 84)**	**Comments**	**Size fraction**																
P433753	468624	6590870	fine sand with minor lag	P433753 -2MM	<1	4	<5	2150	<2	15	4	32	32	15300	6550	1550	150	<3	1450	<5
P433754	468621	6590893	fine sand with minor lag	P433754 -2MM	<1	8	<5	3400	<2	20	5	35	32	20500	7650	2250	185	<3	1650	<5
P433755	468616	6591093	fine sand with no sig lag	P433755 -2MM	<1	<3	<5	14900	<2	20	4	32	39	17900	8100	2650	155	<3	1700	6
P433756	468630	6591181	fine sand minor q lag	P433756 -2MM	<1	<3	<5	35600	<2	25	4	28	39	20400	8600	3750	185	4	1700	<5
P433757	468651	6591289	fine sand no lag green veg	P433757 -2MM	<1	4	<5	3750	<2	30	8	30	39	25800	10200	3300	220	<3	1800	6
P433753	468624	6590870	fine sand with minor lag	P433753 -75UM	<1	22	<5	4100	<2	65	16	88	52	49800	16400	5300	650	<3	2550	14
P433754	468621	6590893	fine sand with minor lag	P433754 -75UM	<1	6	<5	8200	<2	65	17	100	42	46800	16900	7200	550	4	2150	12
P433755	468616	6591093	fine sand with no sig lag	P433755 -75UM	<1	6	<5	51200	<2	65	13	86	47	38500	17100	8600	460	<3	2050	10
P433756	468630	6591181	fine sand minor q lag	P433756 -75UM	<1	4	<5	75700	<2	60	12	48	40	34500	15700	9400	380	4	1950	8
P433757	468651	6591289	fine sand no lag green veg	P433757 -75UM	<1	8	<5	4700	<2	60	13	58	49	53500	18600	7350	500	<3	1950	12

				IDENT	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
				UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				SCHEME	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
	Easting	**Northing**		DETECTION LIMIT	2	5	5	5	2	10	2	2	2	50
Sample #	**(wgs 84)**	**(wgs 84)**	**Comments**	**Size fraction**										
P433753	468624	6590870	fine sand with minor lag	P433753 -2MM	23	120	8	<5	33	1800	27	6	35	200
P433754	468621	6590893	fine sand with minor lag	P433754 -2MM	31	110	8	<5	36	2100	32	8	47	250
P433755	468616	6591093	fine sand with no sig lag	P433755 -2MM	27	135	8	<5	44	1950	32	8	46	250
P433756	468630	6591181	fine sand minor q lag	P433756 -2MM	23	175	8	<5	70	2150	33	9	50	300
P433757	468651	6591289	fine sand no lag green veg	P433757 -2MM	23	155	10	<5	47	2700	46	11	54	250
P433753	468624	6590870	fine sand with minor lag	P433753 -75UM	86	450	28	<5	100	6700	92	22	110	450
P433754	468621	6590893	fine sand with minor lag	P433754 -75UM	86	360	22	<5	90	6050	86	21	105	400
P433755	468616	6591093	fine sand with no sig lag	P433755 -75UM	74	400	20	<5	120	5250	76	23	98	450
P433756	468630	6591181	fine sand minor q lag	P433756 -75UM	43	410	20	<5	140	4500	64	20	92	500
P433757	468651	6591289	fine sand no lag green veg	P433757 -75UM	47	350	26	<5	90	5950	100	21	115	400

APPENDIX 4
SURFACE GEOCHEMISTRY

Sample #	Anom #	line #	Planned Easting (WGS 84)	Planned Northing (WGS 84)	Actual E (WGS 84)	Actual N (WGS 84)	mag wt (g)	Comments	Ag	As	Bi	Ca	Cd
p450001	5	1	464900	6592000	464902	6592003	9.83		0.5	58	32	2450	1
p450002	5	1	464900	6592100	464899	6592096	9.89		0.5	52	12	2100	1
p450003	5	1	464900	6592200	464899	6592199	7.02		0.5	40	16	3150	1
p450004	5	1	464900	6592300	464901	6592292	9.07		0.5	48	24	1700	1
p450005	5	1	464900	6592400	464897	6592397	13.51		1.0	46	16	4300	1
p450006	5	1	464900	6592500	464899	6592496	19.86		2.0	56	2.5	1550	1
p450007	5	1	464900	6592600	464901	6592598	56.02		2.0	62	20	1200	1
p450008	5	2	465400	6592000	465401	6591998	22.39		2.0	50	44	5400	1
p450009	5	2	465400	6592100	465399	6592102	9.83	Bulk	0.5	40	20	7000	1
p450010	5	2	465400	6592200	465399	6592207	17.60		0.5	50	22	3850	1
p450011	5	2	465400	6592300	465401	6592305	26.61		1.0	44	12	2400	1
p450012	5	2	465400	6592400	465405	6592401	17.19		1.0	44	20	3100	1
p450013	5	2	465400	6592500	465405	6592493	15.75		2.0	52	24	2450	1
p450014	5	2	465400	6592600	465398	6592595	16.97		0.5	48	26	2700	1
p450016	5	3	465600	6592600	465594	6592587	29.16	Duplicate	1.0	46	5.25	3650	1
p450018	5	3	465600	6592500	465592	6592506	15.52		1.0	42	26	3350	1
p450019	5	3	465600	6592400	465597	6592411	12.56		2.0	58	24	5750	1
p450020	5	3	465600	6592300	465601	6592300	13.02		1.0	50	18	4500	1
p450021	5	3	465600	6592200	465589	6592198	29.10		2.0	56	24	3750	1
p450022	5	3	465600	6592100	465595	6592101	12.38		2.0	50	32	6650	1
p450023	5	3	465600	6592000	465602	6592005	10.62		1.0	54	26	8600	1
p450024	5	4	465800	6591900	465795	6591904	14.19		2.0	48	28	8500	1
p450025	5	4	465800	6592000	465804	6591996	16.26		2.0	40	18	4700	1
p450026	5	4	465800	6592100	465802	6592100	13.45		2.0	58	22	4350	1
p450027	5	4	465800	6592200	465792	6592190	12.86		1.0	34	8	3600	1
p450028	5	4	465800	6592300	465803	6592300	18.39		2.0	50	20	3250	1
p450029	5	4	465800	6592400	465802	6592399	8.20		0.5	36	2.5	6400	1
p450030	5	4	465800	6592500	465811	6592495	17.22		2.0	44	16	4150	1
p450031	5	4	465800	6592600	465799	6592590	15.04		2.0	42	20	4100	1
p450032	5	5	466000	6592600	465990	6592599	17.04		2.0	46	18	4500	1
p450033	5	5	466000	6592500	465997	6592505	14.39		0.5	50	30	4700	1
p450034	5	5	466000	6592400	465992	6592406	14.02		1.0	48	10	5400	1
p450035	5	5	466000	6592300	465997	6592304	9.89		0.5	44	18	6150	1
p450036	5	5	466000	6592200	465994	6592203	12.40		1.0	50	18	5200	1
p450037	5	5	466000	6592100	465998	6592107	7.21		0.5	40	8	9300	1
p450038	5	5	466000	6592000	466000	6592002	10.43		1.0	38	20	5900	1
p450039	5	5	466000	6591900	466000	6591901	7.32		1.0	50	12	7200	1

Sample #	Anom #	line #	Planned Easting (WGS 84)	Planned Northing (WGS 84)	Actual E (WGS 84)	Actual N (WGS 84)	mag wt (g)	Comments	Ag	As	Bi	Ca	Cd
p450040	5	5	466000	6591800	465999	6591807	8.44		2.0	50	14	5900	1
p450041	5	5	466000	6591700	465999	6591700	5.83		2.0	54	32	12600	1
p450042	5	5	466000	6591600	466003	6591601	7.69		1.0	52	30	9650	1
p450043	5	6	466200	6591600	466198	6591607	6.71		2.0	56	38	8650	1
p450044	5	6	466200	6591700	466203	6591698	4.24		2.0	52	6	12100	1
p450045	5	6	466200	6591800	466205	6591797	7.46		2.0	58	18	11400	1
p450046	5	6	466200	6591900	466202	6591887	10.31		3.0	52	12	5600	1
p450047	5	6	466200	6592000	466206	6591989	9.15		2.0	54	14	6150	1
p450048	5	6	466200	6592100	466198	6592101	12.27		2.0	50	18	4300	1
p450050	5	7	466400	6591500	466401	6591506	7.46		2.0	54	28	6550	1
p450051	5	7	466400	6591600	466399	6591596	7.87		2.0	46	18	8600	1
p450052	5	7	466400	6591700	466398	6591702	7.91	Bulk	1.0	34	16	15200	1
p450053	5	7	466400	6591800	466396	6591807	9.42		3.0	50	28	6200	1
p450054	5	7	466400	6591900	466404	6591898	9.78		2.0	52	18	6250	1
p450055	5	7	466400	6592000	466399	6591996	11.49		2.0	44	18	4550	1
p450056	6	1	467000	6591500	466999	6591506	8.07		2.0	72	18	6950	1
p450057	6	1	467000	6591600	466998	6591596	3.19		2.0	52	20	10600	1
p450058	6	1	467000	6591700	467002	6591696	4.70	Bulk	0.5	34	18	13000	1
p450059	6	1	467000	6591800	466996	6591785	11.77		1.0	46	34	4150	1
p450060	6 and 7	2	467200	6592250	467200	6592245	8.48		2.0	46	26	4850	1
p450061	6 and 7	2	467200	6592150	467196	6592153	5.51		2.0	38	10	6800	1
p450062	6 and 7	2	467200	6592050	467204	6592055	5.22		2.0	44	14	11800	1
p450064	6 and 7	2	467200	6591950	467197	6591958	7.73	Duplicate	1.0	49	5.25	6075	1
p450066	6 and 7	2	467200	6591850	467200	6591854	12.76		1.0	30	22	3200	1
p450067	6 and 7	2	467200	6591750	467199	6591756	10.08		2.0	48	22	6250	1
p450068	6 and 7	2	467200	6591650	467199	6591655	6.11		1.0	42	16	7300	1
p450069	6 and 7	2	467200	6591550	467197	6591558	6.69		2.0	36	26	8000	1
p450070	6 and 7	3	467600	6591500	467595	6591510	6.60		2.0	52	18	6950	1
p450071	6 and 7	3	467600	6591600	467602	6591601	8.26	Bulk	0.5	36	16	8100	1
p450072	6 and 7	3	467600	6591700	467600	6591689	7.34		1.0	36	24	6550	1
p450073	6 and 7	3	467600	6591800	467604	6591794	9.29		2.0	34	8	4600	1
p450074	7	1	467400	6591550	467404	6591552	4.24		2.0	32	16	7800	1
p450075	7	1	467400	6591450	467402	6591454	4.98		1.0	12	2.5	6400	1
p450076	7	1	467400	6591350	467400	6591352	4.70	Bulk	2.0	26	14	14800	1
p450077	7	1	467400	6591250	467398	6591255	2.88		1.0	34	10	10200	1
p450078	8	1	468000	6590600	467995	6590605	3.64		3.0	36	10	6050	1
p450079	8	1	468000	6590700	468000	6590700	4.01		2.0	46	26	6000	1

Sample #	Anom #	line #	Planned Easting (WGS 84)	Planned Northing (WGS 84)	Actual E (WGS 84)	Actual N (WGS 84)	mag wt (g)	Comments	Ag	As	Bi	Ca	Cd
p450081	8	1	468000	6590800	468000	6590802	6.94	Duplicate	2.0	34	16	5125	1
p450082	8	2	468200	6590900	468190	6590887	4.13		3.0	42	12	6600	1
p450083	8	2	468200	6591000	468195	6590992	10.88		3.0	80	22	4000	1
p450084	8	2	468200	6591100	468199	6591089	7.97		3.0	78	14	6100	1
p450085	8	3	468400	6591250	468390	6591244	5.51		3.0	80	16	4950	1
p450086	8	3	468400	6591150	468405	6591155	8.26		3.0	60	2.5	4250	1
p450087	8	3	468400	6591050	468400	6591046	6.09		3.0	48	32	4950	1
p450088	8	3	468400	6590950	468401	6590952	5.42		2.0	44	24	5050	1
p450089	8	3	468400	6590850	468393	6590854	4.99		3.0	42	24	5200	1
p450090	8	4	468600	6590800	468606	6590801	4.30		3.0	46	6	5900	1
p450091	8	4	468600	6590700	468607	6590699	5.24		2.0	46	8	8850	1
p450092	8	4	468600	6590600	468607	6590604	5.53	Bulk	0.5	20	6	19800	1
p450093	8	4	468600	6590500	468594	6590502	5.12	Bulk	0.5	42	8	25800	1
p450094	8	5	468800	6591150	468800	6591140	12.41		3.0	44	18	4100	1
p450095	8	5	468800	6591050	468799	6591052	8.16		3.0	54	20	4950	1
p450096	8	5	468800	6590950	468803	6590958	9.31		3.0	48	14	4500	1
p450098	8	5	468800	6590850	468803	6590853	17.89	Duplicate	2.5	131	10.25	3775	1
p450099	8	5	468800	6590750	468801	6590753	7.43		3.0	44	20	5250	1
p450101	5	6	466200	6592600	466199	6592599	7.39		2.0	30	20	3950	1
p450102	5	6	466200	6592500	466194	6592505	20.65		2.0	44	2.5	2500	1
p450103	5	6	466200	6592400	466198	6592403	17.76		2.0	30	6	3150	1
p450104	5	6	466200	6592300	466200	6592304	8.75		2.0	40	18	5100	1
p450106	5	6	466200	6592200	466198	6592202	10.91	Duplicate	2.0	43	13	5575	1
p450107	5	7	466400	6592500	466403	6592494	14.99		2.0	38	12	3250	1
p450108	5	7	466400	6592400	466399	6592409	20.14		2.0	24	14	2800	1
p450109	5	7	466400	6592300	466400	6592303	11.97		2.0	30	12	4450	1
p450110	5	7	466400	6592200	466403	6592205	19.97		2.0	46	20	3850	1
p450111	5	7	466400	6592100	466395	6592105	22.65		2.0	50	12	3050	1
p450112	6	1	467000	6592200	467000	6592197	17.77		1.0	32	2.5	3200	1
p450113	6	1	467000	6592100	467003	6592105	8.47		0.5	40	18	4550	1
p450114	6	1	467000	6592000	467002	6592003	3.85		2.0	26	16	6950	1
p450115	6	1	467000	6591900	467006	6591904	10.57		1.0	30	10	4250	1
p450116	6 and 7	2	467200	6590950	467202	6590952	3.54		2.0	28	14	6950	1
p450117	6 and 7	2	467200	6591050	467202	6591048	3.35		0.5	32	18	7150	1
p450118	6 and 7	2	467200	6591150	467195	6591151	5.99		0.5	26	20	5050	1
p450119	6 and 7	2	467200	6591250	467198	6591246	3.13		1.0	36	26	10600	1
p450120	6 and 7	2	467200	6591350	467199	6591349	5.15	Bulk	0.5	30	26	8950	1

Sample #	Anom #	line #	Planned Easting (WGS 84)	Planned Northing (WGS 84)	Actual E (WGS 84)	Actual N (WGS 84)	mag wt (g)	Comments	Ag	As	Bi	Ca	Cd
p450121	6 and 7	2	467200	6591450	467197	6591449	6.32		2.0	20	14	5350	1
p450122	6 and 7	3	467600	6592200	467600	6592195	4.14		2.0	42	14	3350	1
p450123	6 and 7	3	467600	6592100	467600	6592106	6.85		2.0	42	26	2650	1
p450124	6 and 7	3	467600	6592000	467602	6592001	5.75		2.0	36	16	3350	1
p450125	6 and 7	3	467600	6591900	467601	6591902	9.84		2.0	36	2.5	1850	1
p450126	7	1	467400	6590850	467401	6590851	11.62		0.5	34	36	2250	1
p450127	7	1	467400	6590950	467400	6590947	6.92		0.5	36	20	2050	1
p450128	7	1	467400	6591050	467403	6591047	5.73		0.5	28	36	2850	1
p450129	7	1	467400	6591150	467400	6591147	6.50		0.5	30	10	2500	1
p450130	8	1	468000	6591100	468003	6591103	8.51		1.0	80	34	3700	1
p450131	8	1	468000	6591000	468002	6591005	5.92		2.0	240	22	5450	1
p450132	8	1	468000	6590900	468000	6590903	5.44		2.0	36	32	3100	1
p450134	8	2	468200	6590700	468200	6590703	3.78		1.0	46	28	2650	1
p450135	8	2	468200	6590600	468199	6590603	6.95		0.5	36	28	2300	1
p450136	8	2	468200	6590500	468199	6590505	5.08		2.0	38	28	2800	1
p450137	8	3	468400	6590350	468393	6590353	6.85		1.0	32	18	2200	1
p450138	8	3	468400	6590450	468399	6590448	4.90		1.0	40	22	3100	1
p450139	8	3	468400	6590550	468399	6590546	10.64	Bulk	0.5	38	14	19200	1
p450140	8	3	468400	6590650	468399	6590647	6.11		1.0	38	18	3500	1
p450141	8	3	468400	6590750	468400	6590746	8.44		2.0	44	16	2000	1
p450142	8	4	468600	6590200	468600	6590200	3.71		2.0	46	34	3250	1
p450143	8	4	468600	6590300	468601	6590299	3.11		1.0	20	22	3950	1
p450144	8	4	468600	6590400	468601	6590394	5.04		2.0	26	22	3450	1
p450145	8	5	468800	6590150	468798	6590152	10.40		1.0	42	36	1950	1
p450146	8	5	468800	6590250	468805	6590249	2.97		2.0	30	28	5650	1
p450147	8	5	468800	6590350	468800	6590347	4.30		0.5	40	24	4650	1
p450148	8	5	468800	6590450	468801	6590448	6.59		2.0	60	40	3600	1
p450149	8	5	468800	6590550	468799	6590548	9.56		1.0	42	32	7950	1
p450150	8	5	468800	6590650	468800	6590647	4.87		0.5	46	22	7000	1
p450151	10	1	470800	6590550	470802	6590548	3.60		1.0	12	28	3500	1
p450152	10	1	470800	6590650	470800	6590646	6.27		1.0	26	20	2250	1
p450153	10	1	470800	6590750	470800	6590748	6.21		2.0	16	24	2400	1
p450154	10	1	470800	6590850	470803	6590849	4.66		2.0	34	26	2450	1
p450155	10	1	470800	6590950	470800	6590947	4.89		2.0	52	8	2350	1
p450156	10	1	470800	6591050	470799	6591047	8.86		0.5	52	12	2300	1
p450157	10	2	471000	6590650	471002	6590652	4.45		1.0	48	24	2550	1
p450158	10	2	471000	6590750	471000	6590750	4.14	Bulk	1.0	36	14	2900	1

Sample #	Anom #	line #	Planned Easting (WGS 84)	Planned Northing (WGS 84)	Actual E (WGS 84)	Actual N (WGS 84)	mag wt (g)	Comments	Ag	As	Bi	Ca	Cd
p450159	10	2	471000	6590850	470999	6590852	3.71	Bulk	0.5	12	10	4700	1
p450160	10	2	471000	6590950	471000	6590951	5.28	Bulk	0.5	32	22	4300	1
p450161	10	2	471000	6591050	470995	6591047	4.47	Bulk	0.5	26	22	2800	1
p450162	10	3	471200	6591050	471195	6591052	5.18	Bulk	1.0	26	14	2150	1
p450163	10	3	471200	6590950	471197	6590949	2.65	Bulk	0.5	32	12	3600	1
p450164	10	3	471200	6590850	471200	6590848	4.92	Bulk	0.5	44	16	2300	1
p450165	10	3	471200	6590750	471201	6590751	3.87	Bulk	0.5	30	22	2750	1
p450166	10	3	471200	6590650	471200	6590649	4.03	Bulk	0.5	26	22	2550	1
p450167	10	3	471200	6590550	471203	6590552	2.68	Bulk	0.5	30	18	6250	1
p450168	10	3	471200	6590450	471202	6590448	3.07	Duplicate	0.5	26	10.25	4475	1
p450171	10	3	471200	6590350	471197	6590350	2.81	Bulk	0.5	18	24	11600	1
p450172	10	3	471200	6590250	471200	6590252	2.99	Bulk	1.0	32	20	3750	1
p450173	10	3	471200	6590150	471202	6590153	4.75	Bulk	0.5	24	18	2950	1
p450174	10	4	471400	6590300	471400	6590300	4.32	Bulk	0.5	24	16	2250	1
p450175	10	4	471400	6590400	471400	6590400	3.55	Bulk	0.5	26	18	2550	1
p450176	10	4	471400	6590500	471398	6590502	3.63	Bulk	0.5	28	32	2550	1
p450177	10	4	471400	6590600	471398	6590599	2.66	Bulk	0.5	26	24	3300	1
p450178	10	4	471400	6590700	471396	6590699	3.94	Bulk	0.5	22	32	2850	1
p450179	10	4	471400	6590800	471406	6590803	3.30	Bulk	0.5	24	24	5100	1
p450180	10	4	471400	6590900	471398	6590900	3.76	Bulk	0.5	26	30	3400	1
p450181	11	1	472400	6590750	472401	6590750	2.88	Bulk	1.0	22	24	3550	1
p450182	11	1	472400	6590650	472400	6590650	2.97	Bulk	0.5	24	20	3450	1
p450183	11	1	472400	6590550	472401	6590551	3.40	Bulk	0.5	28	26	2700	1
p450184	11	1	472400	6590450	472400	6590450	3.36	Bulk	0.5	30	36	3100	1
p450185	11	1	472400	6590350	472401	6590349	3.30	Bulk	0.5	20	22	2800	1
p450186	11	1	472400	6590250	472398	6590250	5.17	Bulk	0.5	14	16	2300	1
p450187	11	1	472400	6590150	472401	6590150	2.55	Bulk	0.5	12	2.5	8800	1
p450188	11	2	472600	6590850	472597	6590853	4.28	Bulk	0.5	30	14	2750	1
p450189	11	2	472600	6590750	472599	6590750	1.68	Bulk	0.5	22	28	4600	1
p450190	11	2	472600	6590650	472602	6590651	3.79	Bulk	0.5	22	18	2800	1
p450191	11	2	472600	6590550	472599	6590550	2.63	Bulk	0.5	24	24	3650	1
p450192	11	2	472600	6590450	472600	6590450	2.23	Bulk	0.5	26	24	4650	1
p450193	11	2	472600	6590350	472604	6590354	2.02	Bulk	1.0	18	26	13000	1
p450194	11	2	472600	6590250	472595	6590251	2.06	Bulk	1.0	22	22	13600	1
p450195	11	2	472600	6590150	472605	6590156	2.58	Bulk	0.5	16	20	6950	1
p450196	11	3	472800	6590150	472798	6590151	3.45	Bulk	0.5	18	16	2700	1
p450197	11	3	472800	6590250	472801	6590249	3.18	Bulk	1.0	20	20	3400	1

Sample #	Anom #	line #	Planned Easting (WGS 84)	Planned Northing (WGS 84)	Actual E (WGS 84)	Actual N (WGS 84)	mag wt (g)	Comments	Ag	As	Bi	Ca	Cd
p450198	11	3	472800	6590350	472800	6590355	2.87	Bulk	0.5	14	2.5	4800	1
p450199	11	3	472800	6590450	472795	6590451	3.83	Bulk	0.5	20	26	2850	1
p450200	11	3	472800	6590550	472800	6590549	2.46	Bulk	0.5	22	28	9600	1
p450202	10	1	470800	6590450	470798	6590456	5.59	Bulk	0.5	28	20	2250	1
p450203	10	1	470800	6590350	470808	6590350	2.13		1.0	28	40	3500	1
p450204	10	1	470800	6590250	470802	6590252	1.50		1.0	36	36	3950	1
p450205	10	1	470800	6590150	470800	6590150	2.86		0.5	30	38	2250	1
p450206	10	2	471000	6590550	470998	6590556	4.81	Bulk	0.5	26	14	7500	1
p450207	10	2	471000	6590150	470999	6590154	4.00	Bulk	0.5	4	22	4100	1
p450208	10	2	471000	6590250	471000	6590252	6.87	Bulk	0.5	1.5	22	4400	1
p450209	10	2	471000	6590350	471001	6590349	2.81	Bulk	0.5	16	8	9550	1
p450210	10	2	471000	6590450	471002	6590447	4.02	Bulk	2.0	48	66	4200	1
p450211	10	2	471000	6590450	471901	6590498	3.17	Duplicate	1.3	37	36	7850	1
p450213	11	3	472800	6590650	472798	6590649	2.47	Bulk	0.5	16	20	37600	1
p450214	11	3	472800	6590750	472797	6590749	4.19	Bulk	0.5	20	22	8150	1
p450215	11	3	472800	6590850	472796	6590848	3.48	Bulk	0.5	22	20	10700	1
p450216	11	3	472800	6590950	472803	6590948	1.89	Bulk	0.5	14	2.5	32800	1
p450217	11	4	473000	6591100	473001	6591101	3.48	Bulk	0.5	26	10	16600	1
p450218	11	4	473000	6591000	473000	6590999	5.73	Bulk	0.5	22	10	8200	1
p450219	11	4	473000	6590900	472998	6590900	4.13	Bulk	0.5	22	18	12600	1
p450220	11	4	473000	6590800	473000	6590801	3.39	Bulk	0.5	16	2.5	13200	1
p450221	11	4	473000	6590700	472999	6590703	2.60	Bulk	0.5	12	26	29100	1
p450222	11	4	473000	6590600	473004	6590597	3.36	Bulk	0.5	16	8	17600	1
p450223	11	4	473000	6590500	472998	6590499	4.88	Bulk	0.5	22	10	5800	1
p450224	11	4	473000	6590400	473004	6590406	4.35	Bulk	0.5	14	18	10800	1
p450225	11	4	473000	6590300	473002	6590299	3.74	Bulk	0.5	18	16	14400	1
p450226	11	4	473000	6590200	472995	6590202	3.81	Bulk	0.5	22	10	3400	1
p450227	11	4	473000	6590100	473001	6590100	2.68	Bulk	0.5	18	10	18800	1
p450228	11	5	473200	6590150	473199	6590150	2.41	Bulk	0.5	16	28	12000	1
p450229	11	5	473200	6590250	473199	6590247	3.90	Bulk	0.5	20	16	8650	1
p450230	11	5	473200	6590350	473203	6590350	3.79	Bulk	0.5	20	16	12200	1
p450231	11	5	473200	6590450	473200	6590450	2.77	Bulk	0.5	16	12	11100	1
p450232	11	5	473200	6590550	473201	6590549	3.80	Bulk	0.5	20	10	18400	1
p450233	11	5	473200	6590650	473201	6590650	3.70	Bulk	0.5	12	2.5	35000	1
p450234	11	5	473200	6590750	473199	6590750	3.14	Bulk	0.5	14	2.5	11800	1
p450235	11	5	473200	6590850	473200	6590850	2.28	Bulk	0.5	22	2.5	23300	1
p450236	11	5	473200	6590950	473201	6590948	2.20	Bulk	0.5	10	20	41100	1

Sample #	Anom #	line #	Planned Easting (WGS 84)	Planned Northing (WGS 84)	Actual E (WGS 84)	Actual N (WGS 84)	mag wt (g)	Comments	Ag	As	Bi	Ca	Cd
p450237	11	5	473200	6591050	473196	6591056	3.25	Bulk	0.5	14	6	24700	1
p450238	11	5	473200	6591150	473199	6591150	3.47	Bulk	0.5	18	10	18600	1
p450239	11	6	473400	6591250	473404	6591251	2.94	Bulk	0.5	16	24	16000	1
p450240	11	6	473400	6591150	473401	6591151	4.22	Bulk	0.5	26	16	7600	1
p450241	11	6	473400	6591050	473402	6591050	5.07	Bulk	0.5	4	6	6650	1
p450243	11	6	473400	6590950	473401	6590950	2.12	Duplicate	0.5	17	14	16250	1
p450245	11	6	473400	6590850	473400	6590850	4.27	Bulk	0.5	28	22	9700	1
p450246	11	6	473400	6590750	473400	6590750	3.73	Bulk	0.5	22	18	14200	1
p450247	11	6	473400	6590650	473400	6590650	4.65	Bulk	0.5	14	14	9400	1
p450248	11	6	473400	6590550	473400	6590550	3.58	Bulk	0.5	24	12	20000	1
p450249	11	6	473400	6590450	473400	6590449	4.12	Bulk	0.5	10	14	9850	1
p450250	11	6	473400	6590350	473400	6590350	3.53	Bulk	0.5	14	12	23800	1
p450251	11	6	473400	6590250	473398	6590250	4.63	Bulk	0.5	12	12	22000	1
p450252	11	7	473600	6590350	473600	6590365	4.61	Bulk	0.5	16	2.5	24400	1
p450253	11	7	473600	6590450	473600	6590450	3.43	Bulk	0.5	12	12	10500	1
p450254	11	7	473600	6590550	473602	6590550	4.72	Bulk	0.5	22	12	4150	1
p450255	11	7	473600	6590650	473599	6590650	5.85	Bulk	0.5	22	8	5800	1
p450256	11	7	473600	6590750	473600	6590750	3.73	Bulk	0.5	18	20	12700	1
p450257	11	7	473600	6590850	473600	6590850	5.21	Bulk	0.5	1.5	28	6150	1
p450258	11	7	473600	6590950	473598	6590951	7.16	Bulk	0.5	1.5	12	17500	1
p450259	11	7	473600	6591050	473600	6591050	2.10	Bulk	0.5	10	6	25800	1
p450260	11	7	473600	6591150	473601	6591150	2.40	Bulk	0.5	18	20	11500	1
p450261	11	7	473600	6591250	473598	6591251	3.55	Bulk	0.5	8	26	16200	1
p450262	11	8	473800	6591250	473799	6591251	4.27	Bulk	0.5	12	12	7600	1
p450263	11	8	473800	6591150	473802	6591151	2.71	Bulk	0.5	30	14	20900	1
p450264	11	8	473800	6591050	473801	6591050	4.90	Bulk	0.5	16	16	10800	1
p450265	11	8	473800	6590950	473801	6590950	3.71	Bulk	0.5	8	2.5	28800	1
p450266	11	8	473800	6590850	473800	6590856	4.69	Bulk	0.5	24	16	12700	1
p450267	11	8	473800	6590750	473800	6590751	3.92	Bulk	0.5	12	10	19900	1
p450268	11	8	473800	6590650	473800	6590652	4.36	Bulk	0.5	22	14	17100	1
p450269	11	8	473800	6590550	473799	6590551	4.14	Bulk	0.5	16	10	25400	1
p450271	1	4	456300	6592300	456299	6592299	7.45		0.5	30	12	5650	1
p450272	1	4	456300	6592400	456296	6592401	7.50		0.5	28	26	9350	1
p450273	1	4	456300	6592500	456302	6592502	6.41		0.5	24	18	9350	1
p450274	1	4	456300	6592600	456297	6592599	6.17		0.5	20	26	9450	1
p450275	1	3	456100	6592600	456102	6592600	6.36		0.5	26	34	7500	1
p450276	1	3	456100	6592500	456101	6592495	9.00		0.5	18	28	7350	1

Sample #	Anom #	line #	Planned Easting (WGS 84)	Planned Northing (WGS 84)	Actual E (WGS 84)	Actual N (WGS 84)	mag wt (g)	Comments	Ag	As	Bi	Ca	Cd
p450277	1	3	456100	6592400	456100	6592403	10.74		0.5	20	18	8000	1
p450278	1	3	456100	6592300	456101	6592300	11.37		0.5	30	22	5150	1
p450279	1	3	456100	6592200	456097	6592199	12.69		0.5	30	20	2200	1
p450280	1	2	455900	6592200	455905	6592199	23.65		0.5	28	20	1450	1
p450281	1	2	455900	6592300	455894	6592305	15.66		0.5	22	16	1700	1
p450282	1	2	455900	6592400	455904	6592404	11.87		0.5	22	38	1900	1
p450283	1	2	455900	6592500	455903	6592497	12.47		0.5	24	34	1900	1
p450284	1	2	455900	6592600	455896	6592603	14.61		0.5	32	36	2300	1
p450285	1	1	455700	6592600	455701	6592584	21.63		0.5	32	30	2050	1
p450286	1	1	455700	6592500	455703	6592498	7.30		0.5	18	22	3050	1
p450287	1	1	455700	6592400	455707	6592407	18.91		1.0	32	36	1800	1
p450288	1	1	455700	6592300	455709	6592300	26.09		0.5	38	22	1400	1
p450289	1	1	455700	6592200	455704	6592199	17.01		0.5	16	24	2000	1
p450290	1	5	456500	6592200	456496	6592202	10.05		0.5	26	30	4300	1
p450291	1	5	456500	6592300	456498	6592305	11.22		0.5	32	20	6000	1
p450292	1	5	456500	6592400	456499	6592397	12.43		0.5	20	28	4500	1
p450293	1	5	456500	6592500	456499	6592499	9.36		0.5	30	10	4650	1
p450294	1	5	456500	6592600	456499	6592601	11.79		1.0	20	22	5200	1
p450295	1	6	456700	6592600	456699	6592600	12.40		0.5	24	10	2600	1
p450296	1	6	456700	6592500	456702	6592504	13.92		0.5	36	22	2250	1
p450297	1	6	456700	6592400	456703	6592401	16.62		1.0	22	16	3700	1
p450300	1	6	456700	6592300	456702	6592304	14.25	Duplicate	0.5	26	23	4775	1
p450301	1	6	456700	6592200	456701	6592199	15.11		0.5	16	22	3200	1
p450302	1	7	456900	6592200	456901	6592208	12.26		1.0	20	28	2400	1
p450303	1	7	456900	6592300	456903	6592298	13.23		0.5	34	20	2350	1
p450304	1	7	456900	6592400	456899	6592402	15.23		1.0	18	26	2350	1
p450305	1	7	456900	6592500	456900	6592499	13.31		1.0	24	18	2450	1
p450306	1	7	456900	6592600	456898	6592604	7.15		0.5	32	8	3650	1
p450307	2	1	458700	6592200	458704	6592206	11.75		0.5	32	28	3100	1
p450308	2	1	458700	6592300	458697	6592300	18.96		0.5	32	34	1850	1
p450309	2	1	458700	6592400	458699	6592403	13.32		0.5	38	26	5050	1
p450310	2	1	458700	6592500	458700	6592504	11.96		0.5	48	20	3450	1
p450311	2	1	458700	6592600	458700	6592600	22.55		0.5	40	38	1900	1
p450312	2	2	458900	6592600	458903	6592594	21.18		0.5	50	16	2050	1
p450313	2	2	458900	6592500	458899	6592503	21.84		1.0	32	28	2000	1
p450314	2	2	458900	6592400	458902	6592397	10.19		0.5	38	32	6150	1
p450315	2	2	458900	6592300	458899	6592297	18.10		0.5	42	26	2000	1

Sample #	Anom #	line #	Planned Easting (WGS 84)	Planned Northing (WGS 84)	Actual E (WGS 84)	Actual N (WGS 84)	mag wt (g)	Comments	Ag	As	Bi	Ca	Cd
p450316	2	2	458900	6592200	458902	6592200	18.85		0.5	50	26	2650	1
p450317	2	2	458900	6592100	458896	6592102	12.78		0.5	34	30	2400	1
p450318	2	3	459100	6592100	459107	6592095	18.80		0.5	32	20	2550	1
p450319	2	3	459100	6592200	459094	6592199	16.16		0.5	38	24	3400	1
p450320	2	3	459100	6592300	459100	6592299	21.08		0.5	42	22	1900	1
p450321	2	3	459100	6592400	459094	6592392	28.12		1.0	44	26	1850	1
p450322	2	3	459100	6592500	459097	6592506	18.16		1.0	32	28	2250	1
p450323	2	3	459100	6592600	459094	6592592	19.77		0.5	48	16	1950	1
p450324	2	4	459600	6592600	459594	6592592	14.95		1.0	42	26	1950	1
p450325	2	4	459600	6592500	459602	6592497	19.87		1.0	32	18	1850	1
p450326	2	4	459600	6592400	459600	6592396	16.03		0.5	44	32	2000	1
p450327	2	4	459600	6592300	459602	6592299	15.96		1.0	38	24	3000	1
p450328	2	4	459600	6592200	459598	6592201	18.28		1.0	44	18	1950	1
p450329	3	1	460400	6592550	460402	6592554	24.53		1.0	48	40	1800	1
p450331	3	1	460400	6592450	460398	6592449	26.63	Duplicate	0.8	43	26	1400	1
p450333	3	1	460400	6592350	460400	6592353	15.24		0.5	40	32	1750	1
p450334	3	1	460400	6592250	460394	6592243	15.73		0.5	38	24	2050	1
p450335	3	1	460400	6592150	460394	6592155	26.14		1.0	42	16	1450	1
p450336	3	1	460400	6592050	460400	6592044	17.88		1.0	30	28	2000	1
p450337	3	2	460600	6592050	460605	6592046	20.55		1.0	28	20	2200	1
p450338	3	2	460600	6592150	460601	6592148	15.54		0.5	34	46	3450	1
p450339	3	2	460600	6592250	460605	6592250	16.65		0.5	32	24	1600	1
p450340	3	2	460600	6592350	460596	6592354	17.00		1.0	28	22	1650	1
p450341	3	2	460600	6592450	460591	6592454	15.07		0.5	40	24	1700	1
p450342	3	2	460600	6592550	460599	6592554	22.35		0.5	44	26	1550	1
p450343	3	3	460800	6592550	460790	6592549	18.85		1.0	42	14	1400	1
p450344	3	3	460800	6592450	460798	6592454	16.71		0.5	38	12	1500	1
p450345	3	3	460800	6592350	460801	6592351	15.78		1.0	30	18	2950	1
p450346	3	3	460800	6592250	460800	6592254	16.06		0.5	28	38	2050	1
p450347	3	3	460800	6592150	460801	6592153	13.89		0.5	34	6	2100	1
p450348	3	3	460800	6592050	460798	6592050	9.94		0.5	30	26	3150	1
p450349	4	1	461600	6592400	461598	6592401	16.24		0.5	68	28	1900	1
p450350	4	1	461600	6592300	461601	6592303	26.70		1.0	84	30	1650	1
p450351	4	1	461600	6592200	461600	6592204	29.70		0.5	68	18	1000	1
p450352	4	1	461600	6592100	461601	6592102	26.81		1.0	105	24	1000	1
p450353	4	2	461800	6592050	461797	6592054	10.85		0.5	40	30	1950	1
p450355	4	2	461800	6592250	461800	6592247	27.27		1.0	100	28	1250	1

Sample #	Anom #	line #	Planned Easting (WGS 84)	Planned Northing (WGS 84)	Actual E (WGS 84)	Actual N (WGS 84)	mag wt (g)	Comments	Ag	As	Bi	Ca	Cd
p450356	4	2	461800	6592350	461797	6592349	18.54		0.5	80	12	1500	1
p450357	4	2	461800	6592450	461797	6592450	16.96		1.0	72	32	2750	1
p450358	4	4	462200	6592000	462193	6592007	9.90		0.5	46	26	2500	1
p450359	4	4	462200	6592200	462195	6592196	7.16		1.0	52	42	2650	1
p450360	4	4	462200	6592100	462194	6592109	12.97		1.0	74	32	1650	1
p450361	4	4	462200	6592300	462195	6592291	16.62		0.5	70	22	2250	1
p450362	4	4	462200	6592400	462197	6592400	14.98		1.0	64	28	1650	1
p450363	4	4	462200	6592500	462200	6592497	18.80		1.0	58	18	1700	1
p450364	4	4	462200	6592600	462200	6592600	12.66		1.0	76	30	2300	1
p450365	4	5	462400	6592600	462400	6592595	26.69		0.5	68	26	2400	1
p450366	4	5	462400	6592500	462399	6592505	27.15		0.5	62	28	4750	1
p450367	4	5	462400	6592400	462399	6592399	29.76		0.5	64	36	5200	1
p450368	4	5	462400	6592300	462404	6592295	70.97		2.0	110	26	950	1
p450369	9	2	469000	6591200	469005	6591203	8.08		1.0	66	14	1650	1
p450370	9	2	469000	6591300	469003	6591304	11.10		1.0	44	32	1850	1
p450371	9	2	469000	6591400	469000	6591402	7.15		0.5	48	20	8050	1
p450372	9	2	469000	6591500	469001	6591500	7.87		0.5	48	24	7800	1
p450373	9	2	469000	6591600	469004	6591600	9.32		1.0	52	2.5	4750	1
p450375	9	4	469400	6592150	469395	6592143	9.74		0.5	36	20	2850	1
p450376	9	4	469400	6592050	469400	6592049	7.18		0.5	32	22	2750	1
p450377	9	4	469400	6591950	469400	6591951	9.79		1.0	28	20	6000	1
p450378	9	4	469400	6591850	469396	6591850	8.55		0.5	8	10	3650	1
p450379	9	6	469800	6591450	469796	6591454	10.28		0.5	38	30	3200	1
p450380	9	6	469800	6591550	469801	6591555	7.38		0.5	26	28	3550	1
p450381	9	6	469800	6591650	469799	6591649	4.93		0.5	38	24	5200	1
p450382	9	6	469800	6591750	469798	6591743	9.06		0.5	42	14	3800	1
p450383	9	6	469800	6591850	469805	6591848	9.48		0.5	26	24	4750	1
p450384	9	8	470200	6592450	470198	6592448	4.85		0.5	24	12	5550	1
p450385	9	8	470200	6592350	470206	6592360	6.64		0.5	30	16	3600	1
p450386	9	8	470200	6592250	470229	6592238	1.92	Bulk	0.5	10	10	6750	1
p450387	9	8	470200	6592150	470200	6592151	6.52		0.5	38	12	3050	1
p450388	9	8	470200	6592050	470198	6592049	7.90		0.5	30	16	2700	1
p450389	9	10	470600	6591650	470600	6591651	7.18		0.5	38	26	3850	1
p450390	9	10	470600	6591750	470600	6591751	9.78		1.0	24	34	2800	1
p450391	9	10	470600	6591850	470600	6591852	7.48		0.5	38	28	3200	1
p450392	9	10	470600	6591950	470597	6591947	6.57		0.5	30	22	3350	1
p450393	9	10	470600	6592050	470599	6592048	7.94		0.5	36	20	3150	1

Sample #	Anom #	line #	Planned Easting (WGS 84)	Planned Northing (WGS 84)	Actual E (WGS 84)	Actual N (WGS 84)	mag wt (g)	Comments	Ag	As	Bi	Ca	Cd
p450394	9	12	471000	6592450	471003	6592449	4.87		0.5	32	14	4500	1
p450395	9	12	471000	6592350	471000	6592360	5.42		0.5	34	34	4300	1
p450396	9	12	471000	6592250	471003	6592254	6.47		1.0	30	28	3100	1
p450397	12	1	472200	6591250	472205	6591250	5.46		0.5	34	26	3250	1
p450399	12	1	472200	6591350	472205	6591342	8.07	Duplicate	0.5	33	22	6250	1
p450400	12	3	472600	6591950	472598	6591943	6.22		0.5	18	22	4400	1
p450401	4	3	462000	6592000	461997	6592003	6.75		0.5	28	28	3950	1
p450402	4	3	462000	6592100	462002	6592097	4.50		0.5	36	14	3400	1
p450403	4	3	462000	6592200	462001	6592197	12.20		0.5	76	32	2750	1
p450405	4	3	462000	6592300	462001	6592295	11.31	Duplicate	0.5	67	30	2575	1
p450407	4	3	462000	6592400	462002	6592398	22.84		0.5	88	34	2150	1
p450408	4	3	462000	6592500	461999	6592496	10.75		0.5	80	22	2550	1
p450409	4	3	462000	6592600	462001	6592603	10.98		0.5	78	32	2350	1
p450410	4	5	462400	6592200	462399	6592204	13.52		0.5	96	32	1850	1
p450411	9	2	469000	6592100	469002	6592098	5.74		1.0	46	48	3150	1
p450412	9	2	469000	6592000	469001	6592003	4.16		2.0	44	38	4850	1
p450413	9	2	469000	6591900	469001	6591903	4.90		1.0	42	46	4350	1
p450414	9	2	469000	6591800	469001	6591802	8.57		2.0	36	32	3100	1
p450415	9	2	469000	6591700	468998	6591704	7.50		2.0	44	28	3700	1
p450416	9	4	469400	6591250	469399	6591251	6.62		1.0	48	44	2450	1
p450417	9	4	469400	6591350	469398	6591346	7.15		1.0	50	38	3750	1
p450418	9	4	469400	6591450	469397	6591447	10.56		2.0	46	30	2700	1
p450419	9	4	469400	6591550	469399	6591547	11.70		2.0	44	46	2900	1
p450420	9	4	469400	6591650	469396	6591649	6.18		1.0	48	38	4100	1
p450421	9	4	469400	6591750	469398	6591748	9.28		2.0	42	40	2750	1
p450422	9	6	469800	6592250	469800	6592247	4.61		2.0	36	42	4400	1
p450424	9	6	469800	6592150	469801	6592154	4.01	Duplicate	2.0	40	34	4350	1
p450426	9	6	469800	6592050	469801	6592055	5.53		2.0	52	52	4450	1
p450427	9	6	469800	6591950	469800	6591952	9.43		2.0	40	34	2900	1
p450428	9	8	470200	6591550	470198	6591556	13.00		1.0	56	40	2150	1
p450429	9	8	470200	6591650	470203	6591646	7.24		1.0	38	38	3800	1
p450430	9	8	470200	6591750	470200	6591747	10.29		1.0	44	30	2450	1
p450431	9	8	470200	6591850	470200	6591848	9.16		0.5	46	34	2350	1
p450432	9	8	470200	6591950	470200	6591946	10.27		2.0	46	42	2450	1
p450433	9	10	470600	6592450	470601	6592450	6.36		1.0	50	30	3400	1
p450434	9	10	470600	6592350	470600	6592354	5.30		2.0	40	28	3300	1
p450435	9	10	470600	6592250	470599	6592251	9.22		2.0	48	24	2750	1

Sample #	Anom #	line #	Planned Easting (WGS 84)	Planned Northing (WGS 84)	Actual E (WGS 84)	Actual N (WGS 84)	mag wt (g)	Comments	Ag	As	Bi	Ca	Cd
p450436	9	10	470600	6592150	470599	6592152	6.50		2.0	44	38	2700	1
p450437	9	12	471000	6591850	471002	6591856	9.62		1.0	44	28	2850	1
p450438	9	12	471000	6591950	470998	6591946	7.92		1.0	34	24	2900	1
p450439	9	12	471000	6592050	470998	6592047	6.10		2.0	40	48	2650	1
p450441	9	12	471000	6592150	470996	6592147	7.88	Duplicate	1.0	41	24	2375	1
p450443	12	1	472200	6591750	472204	6591747	3.76		2.0	36	44	4450	1
p450444	12	1	472200	6591650	472202	6591653	4.39		1.0	40	36	4500	1
p450445	12	1	472200	6591550	472203	6591548	3.64		1.0	44	32	3250	1
p450446	12	1	472200	6591450	472202	6591456	5.47		1.0	44	34	3150	1
p450447	12	3	472600	6591050	472601	6591053	4.01		2.0	52	36	3350	1
p450448	12	3	472600	6591150	472597	6591147	3.67		1.0	36	40	3500	1
p450449	12	3	472600	6591250	472599	6591249	3.29		2.0	40	36	3600	1
p450450	12	3	472600	6591350	472600	6591348	4.87		2.0	44	38	5500	1
p450451	12	3	472600	6591450	472599	6591448	4.39		1.0	30	36	5750	1
p450452	12	5	473000	6592150	472998	6592155	5.18		2.0	34	32	2400	1
p450453	12	5	473000	6592050	473000	6592054	3.36		2.0	46	36	2900	1
p450454	12	5	473000	6591950	472999	6591947	4.65		1.0	46	48	3300	1
p450455	12	5	473000	6591850	473004	6591847	4.05		2.0	54	40	2750	1
p450456	12	5	473000	6591750	473002	6591752	7.22		1.0	50	48	2250	1
p450458	12	7	473400	6591400	473400	6591404	4.52	Duplicate	1.5	55	33	3000	1
p450460	12	7	473400	6591500	473401	6591498	4.49		1.0	50	42	3900	1
p450461	12	7	473400	6591600	473398	6591597	4.36		0.5	44	42	2900	1
p450462	12	7	473400	6591700	473401	6591695	6.50		0.5	58	58	2050	1
p450463	12	7	473400	6591800	473398	6591799	7.17		1.0	44	50	2600	1
p450464	4	2	461800	6592150	461799	6592147	22.58		0.5	105	50	1450	1
p450465	1	4	456300	6592200	456302	6592198	7.13		1.0	42	40	4350	1
p450466	8	2	468200	6590800	468196	6590800	7.91		0.5	52	42	2800	1
p450467	9	4	469400	6592250	469396	6592248	7.19		1.0	40	48	2300	1
p450501	12	3	472600	6591850	472599	6591854	5.98		0.5	44	42	2850	1
p450502	12	3	472600	6591750	472601	6591752	6.66		1.0	56	52	2650	1
p450503	12	3	472600	6591650	472600	6591658	7.78		1.0	54	42	3100	1
p450504	12	3	472600	6591550	472599	6591555	4.28		0.5	52	36	4250	1
p450505	12	5	473000	6591250	472994	6591251	6.57		0.5	46	48	5050	1
p450506	12	5	473000	6591350	473004	6591350	10.68		0.5	26	28	3000	1
p450507	12	5	473000	6591450	473003	6591449	5.80		0.5	38	36	3750	1
p450508	12	5	473000	6591550	473001	6591549	9.67		1.0	52	56	2800	1
p450509	12	5	473000	6591650	473001	6591646	6.61		1.0	52	56	3100	1

Sample #	Anom #	line #	Planned Easting (WGS 84)	Planned Northing (WGS 84)	Actual E (WGS 84)	Actual N (WGS 84)	mag wt (g)	Comments	Ag	As	Bi	Ca	Cd
p450510	12	7	473400	6592200	473398	6592193	5.66		0.5	50	42	4350	1
p450511	12	7	473400	6592100	473404	6592105	6.69		0.5	50	32	3300	1
p450512	12	7	473400	6592000	473405	6592002	4.89		0.5	50	36	3300	1
p450513	12	7	473400	6591900	473400	6591906	5.77		0.5	50	36	4250	1
P433722					459340	6592050	4.41	10cm sand, calcrete nodules	<1	36	14	1650	<2
P433723					459344	6592150	6.00	sand loam, minor fe, no calcrete, no lag	<1	30	10	2600	<2
P433724					459341	6592251	3.79	calcrete nodules in sandy loam, no lag	<1	48	28	3000	<2
P433725					459341	6592355	3.48	calcrete nodules in sandy loam, no lag	<1	48	12	5950	<2
P433726					459354	6592453	3.39	calcrete nodules in sandy loam, no lag	1.0	46	6	6700	<2
P433727					459371	6592553	2.72	calcrete nodules in sandy loam, no lag	<1	40	24	5850	<2
P433730					460952	6592100	3.76	sandy, minor fine lag no calcrete	<1	60	36	5600	<2
P433731					461011	6592191	7.94	sandy, minor fine lag no calcrete	<1	52	24	2400	<2
P433732					461059	6592296	3.98	sandy, minor fine lag no calcrete	<1	36	32	2550	<2
P433733					461110	6592379	5.75	sandy, minor fine lag no calcrete	<1	46	34	2900	<2
P433734					461134	6592474	6.42	sandy, minor fine lag no calcrete	<1	44	26	2650	<2
P433735					461186	6592594	4.69	sandy, minor fine lag no calcrete	<1	40	28	2750	<2
P433747					467402	6592058	3.66	ferricrete, silcrete lag, sandy	<1	30	10	13900	<2
P433748					467387	6592153	5.22	sandy, no rock chips, slight drainage	<1	56	20	2650	<2
P433749					467411	6591953	5.47	sandy, ferricrete/silcrete rock chips	<1	38	28	2300	<2
P433750					467410	6591853	7.61	sandy, minor lag, low calcrete, qtz frags	1.0	36	28	2700	<2
P433751					467418	6591728	5.23	sandy, minor lag, low calcrete, qtz frags	<1	36	10	2600	<2
P433752					467420	6591635	3.67	sandy, fe-sil lag, minor calcrete	<1	32	6	5050	<2

Sample #	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
p450001	95	52	700	115	506000	2200	1850	1500	10	470	16	120	390	60	14	45	8150	950	37	185	100
p450002	75	40	750	64	461000	3000	1500	1050	8	490	22	100	500	52	24	39	11900	850	23	135	50
p450003	70	30	750	54	419000	3050	1950	1000	8	390	18	115	490	60	6	54	10000	750	25	125	50
p450004	55	27	950	52	483000	2200	1300	750	10	200	18	140	550	50	20	43	8250	850	17	110	25
p450005	45	36	1400	48	521000	1800	1500	700	10	340	16	145	490	64	26	60	7150	850	16	100	25
p450006	40	23	1700	43	533000	900	850	550	10	120	14	100	330	62	12	31	6000	900	12	62	100
p450007	45	32	1550	46	561000	700	800	600	8	75	16	88	350	54	16	27	6400	950	12	62	25
p450008	185	105	600	150	520000	1700	2750	3400	8	310	14	420	550	105	14	62	5800	950	37	280	150
p450009	105	52	750	70	402000	4250	4100	1600	6	490	20	280	420	64	28	64	7750	750	31	155	100
p450010	90	37	1350	58	507000	1700	2350	1150	8	240	16	370	400	68	14	54	7150	900	23	145	100

Sample #	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
p450011	70	31	1150	46	520000	1700	1350	800	10	175	18	135	550	76	8	43	8400	900	22	125	25
p450012	60	29	1150	45	500000	2000	1350	700	8	260	18	110	480	66	34	50	8250	850	17	96	25
p450013	65	34	1400	49	508000	1900	1350	700	8	200	20	110	550	58	16	46	8150	900	20	100	25
p450014	50	35	1250	47	476000	1950	1350	650	10	230	18	98	470	52	20	47	7900	800	17	100	50
p450016	67.5	37	1225	50	504000	2175	1600	775	10	260	20	117.5	465	66	8.25	53	7975	900	23	110	25
p450018	80	36	1050	58	500000	2250	1550	950	6	280	22	110	470	72	22	52	11600	900	23	110	50
p450019	75	32	1200	56	533000	2200	1900	850	8	390	18	140	600	80	16	68	7750	900	27	145	100
p450020	65	47	1050	49	506000	2150	1650	800	10	310	20	140	550	70	20	56	8000	850	17	110	50
p450021	115	60	1100	66	516000	1650	2000	1350	6	260	18	340	470	74	22	52	6850	900	30	170	50
p450022	140	66	1050	92	512000	1900	2500	1900	10	380	16	340	460	86	14	72	6250	900	35	195	50
p450023	180	115	650	135	475000	2900	6250	3050	12	900	18	380	600	94	8	88	6300	900	34	250	800
p450024	175	120	850	135	500000	2050	4500	3200	6	430	20	440	600	86	24	72	5350	900	39	260	150
p450025	185	72	900	100	549000	1500	2350	2450	6	750	18	330	500	84	22	62	5600	900	36	220	50
p450026	130	43	950	80	506000	2600	2400	1700	10	380	22	310	550	76	18	56	7800	900	34	195	25
p450027	80	43	1050	54	480000	2650	1800	1050	6	350	22	210	600	62	20	52	9800	800	25	155	100
p450028	80	43	950	52	559000	1350	1400	1050	8	200	20	150	550	52	22	47	6600	950	26	125	100
p450029	80	34	900	54	481000	2650	2100	1000	8	450	20	160	550	40	14	68	8900	850	28	145	200
p450030	60	23	1050	52	502000	2100	1600	850	8	330	22	110	550	48	20	50	9500	900	18	100	100
p450031	75	16	1050	42	488000	2250	1700	800	6	330	22	98	500	54	14	49	8650	850	20	90	100
p450032	75	30	1050	47	506000	2300	1850	900	8	350	24	125	550	58	20	56	8600	900	25	120	100
p450033	70	33	1050	43	508000	2250	1800	900	12	360	24	120	600	52	14	58	10100	850	23	115	100
p450034	65	32	1100	48	530000	2250	1850	850	12	380	24	145	550	54	14	60	9150	850	21	145	150
p450035	75	26	950	52	448000	4200	2450	1100	6	600	30	120	550	56	22	70	15700	850	27	135	150
p450036	65	34	1050	48	486000	2950	1900	950	8	410	28	170	650	58	22	62	11200	850	20	125	100
p450037	75	30	800	52	410000	3950	2800	1100	8	800	28	185	550	54	20	88	11500	750	23	135	150
p450038	115	48	900	64	464000	3150	2700	1600	4	550	22	250	500	68	2.5	66	8700	850	32	185	100
p450039	105	60	1000	94	455000	3500	2950	1750	10	750	26	290	650	60	8	80	9250	800	31	230	150
p450040	130	68	1000	100	481000	2850	2800	1900	8	800	22	290	650	76	6	66	7200	850	34	240	150
p450041	120	64	1100	94	478000	3450	4400	1850	6	1050	26	230	650	68	22	115	10700	950	34	280	100
p450042	110	45	750	84	502000	3250	3350	1650	6	900	28	190	600	76	14	92	10800	1000	31	240	150
p450043	150	74	700	120	538000	2200	3200	2200	10	800	24	260	650	84	20	88	6150	1000	37	270	150
p450044	125	76	950	92	505000	3250	4350	1850	6	900	22	330	700	94	18	110	6250	950	31	290	100
p450045	145	66	2600	88	498000	2600	5200	2200	6	1050	20	390	600	62	18	105	5350	1000	31	250	200
p450046	125	56	1000	76	553000	1900	2450	1750	10	390	24	280	550	80	24	68	5800	1050	34	220	200
p450047	105	52	950	66	505000	2200	2200	1450	10	460	22	240	480	66	12	70	6450	900	28	170	100
p450048	90	35	950	56	507000	2250	1850	1100	8	340	24	190	550	64	22	56	8450	950	29	140	200
p450050	110	52	750	125	540000	2450	2650	1600	14	750	28	165	550	58	28	76	7750	1050	34	180	100

Sample #	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
p450051	125	64	800	105	515000	2700	3700	1900	6	1750	26	210	600	72	24	90	7500	950	31	220	150
p450052	100	41	1800	70	404000	4800	9400	1600	12	1200	32	280	460	50	24	96	12000	900	25	185	200
p450053	135	60	1400	74	527000	2200	3400	1950	14	500	22	330	490	60	2.5	70	5150	1100	30	195	150
p450054	105	43	950	68	520000	2300	2350	1350	6	550	24	210	650	66	28	82	6250	900	26	140	50
p450055	115	39	800	60	509000	2150	1950	1250	6	460	24	200	500	68	14	56	6550	900	31	140	100
p450056	120	56	700	105	504000	2600	2650	1900	10	750	26	210	750	96	20	78	6150	900	39	200	200
p450057	135	50	1100	88	473000	3250	3500	1650	8	950	26	260	700	76	20	94	7200	900	41	210	200
p450058	105	47	950	64	358000	5850	5150	1500	4	1300	24	190	460	68	12	115	9750	700	35	150	150
p450059	140	62	800	66	534000	1900	2050	1600	8	360	24	210	700	76	14	56	6250	1000	49	170	100
p450060	80	26	850	36	484000	1700	1550	700	14	330	28	88	420	64	20	58	8300	950	21	86	150
p450061	75	29	900	43	474000	3250	2050	800	6	650	28	130	700	62	12	74	8450	800	25	125	150
p450062	65	23	750	50	460000	2250	2050	800	6	480	32	100	470	58	2.5	82	9750	950	28	120	100
p450064	75	35	750	56	431500	2625	2450	800	9	575	28	127.5	575	55	15	69	9575	800	28	127.5	200
p450066	80	34	700	60	452000	2000	1600	1300	6	340	32	145	600	62	18	48	14600	950	37	115	100
p450067	125	39	750	58	485000	1950	3000	1550	10	800	26	160	650	52	26	72	11000	900	43	130	200
p450068	135	37	850	64	507000	2350	2350	1400	6	600	36	190	490	68	2.5	76	7400	900	35	125	100
p450069	145	29	750	74	492000	2850	2700	1550	8	800	32	170	500	56	14	70	6250	800	31	150	50
p450070	350	40	750	58	528000	2600	2300	1400	8	650	36	155	700	92	6	64	7400	900	46	140	50
p450071	155	18	550	50	405000	3900	2700	1250	12	700	38	120	550	64	12	68	11100	750	38	110	50
p450072	115	27	600	50	459000	2050	2000	1150	10	460	36	130	500	64	24	64	10500	900	36	100	200
p450073	115	42	700	58	492000	2350	2000	1350	8	400	34	175	900	52	14	58	11200	850	44	145	100
p450074	125	30	700	56	443000	2000	2100	1200	8	500	34	125	500	56	8	76	6650	800	32	125	100
p450075	100	4	155	24	373000	1700	1700	700	6	420	20	30	195	30	12	50	4000	195	18	17	50
p450076	90	15	410	45	423000	3750	2850	1000	6	800	30	74	400	40	10	80	7100	550	19	78	50
p450077	105	24	650	50	460000	3450	2550	1050	10	950	36	98	550	56	18	94	7850	800	32	110	50
p450078	60	22	1150	52	520000	2350	1750	650	12	550	34	110	490	56	14	64	7300	950	19	60	100
p450079	65	27	1700	48	537000	1800	1600	800	10	430	32	110	430	64	14	58	6850	900	20	96	100
p450081	82.5	28.5	6550	51	509500	2350	2325	1125	15	455	39	270	425	56	13	54.5	10300	1050	21.5	165	37.5
p450082	85	33	4150	52	526000	2050	2450	900	14	550	32	330	400	62	10	64	6300	1000	22	140	25
p450083	85	41	3850	47	558000	1100	1350	1050	14	210	32	750	330	50	8	47	4700	800	20	60	25
p450084	105	45	2900	44	522000	1150	1450	1250	12	270	32	650	400	58	12	52	5400	800	21	56	100
p450085	60	27	2500	41	519000	1150	1200	650	10	280	24	400	230	66	10	50	3900	900	20	37	150
p450086	80	25	3200	36	517000	1550	1300	700	10	340	30	400	320	64	16	43	4850	850	22	56	100
p450087	70	18	2300	49	547000	1150	1350	750	16	360	34	180	220	60	10	46	6400	1050	16	40	250
p450088	75	17	2300	44	491000	1350	1500	850	14	310	46	175	230	78	12	49	6350	1000	18	50	25
p450089	70	20	2000	41	530000	1500	1500	800	14	360	32	165	350	60	8	52	5250	1000	18	54	50
p450090	65	17	1300	54	520000	1700	1600	650	10	400	30	115	370	92	2.5	56	4300	1000	20	62	150

Sample #	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
p450091	65	28	1750	52	504000	2300	4600	800	10	1500	30	135	460	78	18	64	6450	950	22	115	25
p450092	55	22	1200	76	329000	5000	12100	1300	12	5400	34	105	390	48	12	140	12400	700	25	135	25
p450093	45	24	550	72	263000	5450	16600	1250	8	7950	28	80	370	38	12	165	10300	600	26	105	100
p450094	65	12	1900	41	477000	1050	1050	700	12	250	32	220	240	52	10	43	4650	800	14	22	200
p450095	60	28	1300	39	543000	1050	1300	700	12	250	30	460	300	68	12	45	4850	1000	18	39	100
p450096	70	33	1300	43	573000	1050	1150	750	10	240	30	130	270	70	18	43	4400	1050	16	44	50
p450098	52.5	35.5	1075	47.5	522500	1275	1675	750	11	280	26	574	255	62	13	43.5	3825	850	16	46.5	125
p450099	65	15	1100	54	560000	1150	2050	800	10	400	28	76	320	48	10	52	4050	950	16	41	150
p450101	75	25	850	45	449000	2350	1600	850	10	280	32	125	500	62	16	48	8800	750	23	125	25
p450102	60	29	950	46	494000	1850	1300	800	10	210	32	115	480	66	16	36	8850	850	18	100	25
p450103	65	28	950	47	489000	2300	1450	850	6	300	30	125	550	70	18	46	9700	850	20	105	100
p450104	65	26	900	43	454000	2550	1650	850	12	360	30	125	500	62	20	58	8850	850	20	94	25
p450106	77.5	29.5	850	48.5	499500	1975	1600	975	10	295	29	130	410	64	15	56	7825	900	19	105	625
p450107	75	27	1000	47	515000	2150	1450	850	10	230	30	115	600	60	12	45	9450	800	21	120	25
p450108	70	31	950	38	493000	2100	1350	800	10	240	28	115	550	68	2.5	40	8300	750	19	115	25
p450109	60	22	850	38	435000	2450	1500	800	6	380	30	96	480	50	16	49	9400	750	18	88	25
p450110	85	24	850	50	518000	1950	1500	900	10	260	30	125	440	68	10	52	8750	950	21	94	25
p450111	80	41	950	58	512000	2100	1600	1100	8	290	32	155	500	70	8	46	10000	900	26	125	25
p450112	65	23	800	44	397000	1600	1300	800	8	260	32	84	420	74	22	43	11400	750	22	70	25
p450113	65	21	850	48	433000	2750	1700	900	10	390	34	110	550	78	22	52	12900	800	23	98	25
p450114	65	33	950	50	459000	3100	2000	1000	6	550	32	135	550	72	34	74	11600	850	25	140	25
p450115	90	47	800	66	452000	2750	1950	1200	8	550	30	185	650	52	18	58	10400	800	34	180	50
p450116	80	23	800	52	458000	3350	2150	1000	6	800	36	98	460	66	30	82	14800	900	31	115	100
p450117	75	23	600	52	390000	4250	2200	900	4	1150	34	68	500	60	22	74	13900	800	30	88	100
p450118	95	33	750	58	482000	3300	1850	1000	8	900	40	74	550	68	2.5	64	14700	900	31	98	25
p450119	100	31	700	70	461000	4250	2600	1200	10	1600	38	90	650	58	44	105	14000	850	38	140	25
p450120	85	31	700	62	386000	5100	3200	1150	4	1050	34	105	460	54	18	84	13800	750	35	140	50
p450121	75	28	550	49	413000	2900	2300	1050	1.5	850	24	86	380	40	12	62	7100	600	26	88	25
p450122	75	31	1050	45	488000	2800	1700	850	8	340	28	125	600	68	32	48	10100	900	26	135	25
p450123	65	37	1000	46	502000	2400	1500	900	8	300	30	110	600	56	22	44	11300	950	23	110	150
p450124	75	34	900	54	489000	2800	1700	1000	8	360	30	125	600	60	24	50	11600	900	30	130	100
p450125	75	30	900	54	492000	2350	1450	1150	10	290	30	115	550	62	14	39	14000	950	28	130	100
p450126	75	28	1000	58	503000	2600	1900	1100	8	430	40	98	500	110	32	42	18400	1000	29	120	25
p450127	75	26	1250	64	463000	3500	1850	1200	8	600	52	88	550	42	20	42	23200	950	28	115	25
p450128	85	26	900	62	458000	4050	1950	1250	10	950	48	84	600	64	32	49	21000	850	30	135	25
p450129	80	20	550	48	373000	1700	1150	800	8	450	34	52	500	56	14	35	10800	750	25	68	100
p450130	90	35	3150	62	528000	1650	1550	1450	12	380	28	500	340	60	22	64	8400	950	26	72	250

Sample #	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
p450131	95	60	2750	72	535000	1650	1800	1700	8	330	24	1250	550	72	14	60	6600	800	30	120	50
p450132	85	64	12900	64	533000	2150	2600	1550	30	340	28	500	650	78	8	49	14400	1150	27	360	150
p450134	55	10	1400	74	560000	1400	1250	600	14	290	14	76	450	64	8	38	8550	1200	21	105	150
p450135	80	26	1400	72	503000	2800	1700	900	14	850	26	105	650	82	6	41	13100	1000	27	160	100
p450136	85	25	1250	74	522000	2550	1850	1100	14	600	32	90	650	105	16	49	17700	1050	30	190	50
p450137	80	22	900	82	511000	2600	1600	950	12	1100	28	70	650	74	18	46	13600	1000	34	150	150
p450138	95	27	1200	92	554000	2950	2200	1150	16	1200	34	98	750	86	18	58	18200	1100	33	210	100
p450139	30	33	470	105	341000	6700	19300	1200	6	4300	14	84	400	42	12	92	8700	700	28	180	50
p450140	65	19	1200	78	479000	2350	2250	800	16	1050	14	86	550	64	6	52	8000	900	24	120	200
p450141	65	16	1400	58	527000	1300	1150	650	14	210	12	88	490	88	12	30	6750	1050	19	115	200
p450142	80	13	850	64	516000	2800	1550	850	8	850	24	60	550	70	20	45	12700	850	23	140	25
p450143	65	13	850	62	489000	3100	2100	1000	12	1950	20	66	550	64	8	62	13300	800	25	160	25
p450144	70	27	1000	84	512000	2600	2350	1000	14	1100	22	76	600	88	28	66	11300	1000	29	155	300
p450145	65	14	800	58	552000	2050	1150	700	14	390	32	46	550	86	12	37	15000	1150	22	115	50
p450146	70	19	900	54	479000	2950	1800	750	6	650	32	56	600	66	6	64	14600	950	24	130	150
p450147	85	25	950	60	497000	3000	2150	900	10	1150	32	70	600	86	12	64	16300	1000	29	155	100
p450148	70	14	1000	78	561000	2150	1900	900	14	1150	20	74	600	80	12	58	9650	1150	24	125	100
p450149	95	23	1100	72	457000	2250	3500	1100	12	1400	26	72	1600	92	24	68	11900	1000	38	145	100
p450150	85	37	1950	72	461000	3150	4300	1100	12	2500	28	135	550	70	20	70	14200	900	29	190	25
p450151	95	17	1150	68	515000	2650	1800	1000	12	420	24	84	500	88	14	52	12800	850	32	155	150
p450152	75	13	1050	49	495000	2450	1400	800	12	340	22	86	500	80	8	38	11300	900	28	140	150
p450153	75	20	1150	56	528000	2300	1500	850	8	360	22	84	500	74	10	47	11600	1000	27	125	100
p450154	65	15	1050	56	527000	1850	1350	750	18	260	22	84	500	110	14	39	10600	1050	25	115	100
p450155	105	21	1050	56	567000	1750	1300	800	16	230	24	84	600	100	32	38	12000	1100	28	125	100
p450156	70	7	950	56	507000	1600	1150	650	16	220	14	88	500	78	12	35	7650	950	24	105	100
p450157	75	4	1150	49	500000	1950	1200	600	8	310	18	88	470	98	18	48	7650	1000	27	105	150
p450158	70	24	1050	46	408000	4300	2200	850	8	490	30	86	550	72	12	52	14700	850	33	150	50
p450159	70	17	950	52	397000	4900	2700	800	10	600	20	88	550	74	12	62	11700	750	31	140	100
p450160	85	25	1050	56	445000	4500	2500	900	8	450	22	105	500	84	14	50	13300	850	32	150	100
p450161	90	23	1000	40	454000	3500	2000	900	14	370	18	98	550	66	22	45	11300	850	30	140	100
p450162	105	12	950	58	425000	4000	1800	1050	14	750	26	88	500	72	6	47	13400	800	30	135	100
p450163	90	23	900	45	404000	4250	2400	900	8	1700	22	92	500	76	2.5	72	12200	750	32	140	250
p450164	90	25	1000	58	442000	4150	2000	950	12	470	30	92	550	80	22	48	15200	850	33	150	150
p450165	75	19	900	54	386000	5000	2400	850	8	550	30	84	490	64	2.5	54	14400	800	32	130	25
p450166	70	20	950	49	426000	4750	2000	850	6	500	32	88	550	62	22	48	15300	850	28	140	100
p450167	70	22	800	46	369000	5150	2600	750	10	550	22	80	460	64	20	60	12100	750	29	135	50
p450168	75	17.5	825	49	370000	5100	2625	825	7	550	22	72	485	64	9	56	12950	700	31	140	75

Sample #	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
p450171	75	19	850	52	398000	4600	2650	850	6	490	28	78	480	66	10	66	14500	750	29	160	25
p450172	75	18	850	50	400000	4900	2500	850	6	480	28	82	550	74	8	54	14500	750	33	150	50
p450173	75	28	750	45	384000	4750	2300	950	6	460	28	68	600	84	14	54	15300	700	30	150	100
p450174	95	27	900	54	436000	4250	1950	1100	8	440	42	88	600	68	12	46	21800	900	30	160	50
p450175	80	26	800	44	368000	5000	2100	950	4	550	32	76	500	64	2.5	46	15500	750	33	145	25
p450176	95	25	900	39	401000	4500	2050	1000	6	470	32	90	550	72	20	48	16100	800	35	145	25
p450177	75	21	850	46	400000	4700	2150	950	4	550	30	90	550	64	12	50	14700	800	36	145	100
p450178	100	22	800	50	378000	4950	2250	1000	4	500	30	96	550	64	2.5	47	15000	800	38	145	50
p450179	75	19	850	56	395000	4500	2300	900	10	500	24	96	550	60	24	54	13100	800	33	145	150
p450180	70	28	750	41	397000	4800	2150	900	4	550	26	90	550	80	16	49	13400	800	34	145	25
p450181	90	27	850	38	364000	5850	2600	950	6	700	26	90	500	70	22	56	14200	700	39	155	25
p450182	90	23	850	45	401000	5150	2400	1000	6	550	30	105	550	80	12	54	15700	800	37	150	100
p450183	85	21	750	44	360000	5000	2200	1100	4	550	34	84	550	68	10	48	18400	750	37	160	50
p450184	80	16	800	54	361000	5800	2500	950	1.5	550	30	80	500	78	12	52	15600	750	40	150	25
p450185	80	24	700	45	341000	5900	2350	950	6	600	34	72	500	66	22	49	16200	700	35	130	25
p450186	85	30	800	62	427000	5400	2150	1250	4	550	46	76	550	80	18	50	21700	900	37	160	25
p450187	95	28	650	47	341000	6000	2800	900	6	750	32	70	490	68	18	68	15500	700	33	140	150
p450188	80	20	750	52	357000	6550	2400	1100	8	750	30	82	550	82	18	54	17000	750	35	155	25
p450189	75	25	700	42	359000	6200	2350	1050	8	650	30	82	500	54	20	54	17500	700	33	165	25
p450190	90	26	800	54	397000	5250	2150	1100	4	550	30	86	650	70	10	58	17500	750	36	165	25
p450191	80	31	800	48	387000	5500	2350	1100	4	600	30	82	600	66	8	62	17600	750	38	165	25
p450192	75	21	800	50	394000	5350	2450	1000	1.5	650	34	84	600	74	22	66	16700	800	38	160	100
p450193	70	17	700	40	388000	5200	2800	900	4	600	32	92	550	70	8	70	15300	750	33	160	150
p450194	65	21	600	45	318000	5600	2700	900	8	600	30	72	490	68	2.5	64	15500	650	28	140	100
p450195	110	23	700	47	359000	5700	2900	950	4	600	26	70	500	72	8	60	15200	700	36	150	50
p450196	75	29	750	58	419000	5400	2100	1200	1.5	550	44	82	600	62	8	52	21500	850	36	155	50
p450197	70	24	650	43	338000	6450	2800	1000	8	600	34	80	500	68	12	58	17100	700	36	150	50
p450198	65	26	700	49	355000	6100	2700	1050	10	650	32	82	500	58	14	60	17400	700	34	150	150
p450199	85	24	800	60	393000	5250	2250	1250	6	550	24	78	550	66	6	52	16500	700	39	165	150
p450200	85	20	750	50	375000	5550	2800	1050	6	550	32	82	550	68	8	66	16900	800	35	160	150
p450202	65	22	1050	48	429000	4450	1800	1100	6	430	32	90	650	82	26	46	18200	850	28	165	100
p450203	70	19	1000	56	547000	2150	1550	700	8	310	14	96	700	100	14	50	9350	1000	30	145	25
p450204	60	16	950	52	528000	2100	1550	650	4	280	14	105	700	90	36	52	8750	950	29	145	100
p450205	80	15	1050	49	550000	2200	1350	750	10	250	20	84	800	92	12	40	10800	1000	30	150	25
p450206	75	23	850	43	388000	4550	2450	1000	8	490	28	86	480	64	12	56	15600	800	31	150	25
p450207	100	22	700	38	358000	4900	2400	1000	1.5	490	8	78	480	68	18	58	12300	550	44	150	100
p450208	95	26	950	36	389000	5450	2450	1100	6	600	22	76	500	74	6	58	16100	750	36	160	50

Sample #	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
p450209	60	22	800	47	354000	5900	3100	800	8	850	22	86	500	64	12	90	12100	700	33	140	300
p450210	80	20	1000	42	466000	5600	2550	1300	6	600	38	100	650	68	18	76	21900	900	41	190	100
p450211	70	25	825	42.5	399000	5575	2750	1075	6	675	33	87	570	69	17	79	18000	800	35.5	165	75
p450213	70	20	600	46	273000	7750	5250	900	4	3050	26	80	550	58	20	290	13600	550	32	140	150
p450214	80	34	800	56	368000	5500	2750	1200	14	900	38	76	600	56	14	94	19800	750	36	165	100
p450215	75	34	750	44	355000	5400	2800	1150	10	1050	38	78	600	58	14	110	19500	750	34	170	200
p450216	60	30	550	41	282000	7050	4850	900	6	2500	28	76	550	44	10	250	13600	600	31	140	150
p450217	70	27	650	44	348000	6200	3450	950	14	1500	28	82	550	64	14	145	15400	700	36	150	250
p450218	95	23	800	46	380000	5000	2400	1000	10	850	34	60	600	58	20	86	18600	750	22	155	150
p450219	80	29	750	38	362000	5700	3250	1000	10	1150	38	66	600	66	2.5	120	18900	750	25	165	200
p450220	70	21	700	42	339000	6550	3200	900	6	1300	30	66	600	60	14	120	16000	650	23	150	250
p450221	60	19	550	43	273000	7700	5000	850	8	2200	28	54	500	56	12	210	15000	550	20	145	200
p450222	80	22	600	44	314000	6100	3500	850	10	1450	32	64	500	52	12	145	15200	600	23	135	150
p450223	65	22	700	40	358000	4650	2200	1000	10	650	36	62	500	56	18	68	18500	700	23	155	100
p450224	70	30	700	49	346000	5900	2750	1150	6	1100	46	54	600	54	16	105	23000	700	22	170	150
p450225	60	22	750	36	331000	5400	2850	950	6	1300	36	54	550	58	14	125	19300	650	18	135	150
p450226	80	25	750	58	376000	4650	1800	1150	8	500	42	56	550	62	12	52	20100	700	19	150	100
p450227	55	22	600	43	293000	6850	3950	800	8	1400	36	52	480	66	10	145	15600	600	21	135	150
p450228	75	21	700	43	342000	5750	3250	800	6	1200	30	58	500	58	12	115	15200	650	24	145	100
p450229	60	21	700	38	338000	6250	2800	1000	10	1000	40	58	500	60	20	92	20400	700	24	165	150
p450230	60	21	650	39	341000	6000	2850	1100	8	1200	42	56	500	60	20	115	22100	700	22	160	100
p450231	55	20	600	41	291000	6350	3200	850	10	1100	30	58	500	58	16	105	15800	600	21	140	100
p450232	65	20	650	34	298000	5600	3200	950	6	1500	32	52	550	56	6	155	17300	600	21	145	100
p450233	45	19	600	37	258000	6750	4550	800	8	2750	24	54	500	48	8	250	13800	500	19	130	150
p450234	60	24	650	37	301000	5650	3100	900	8	950	26	58	450	56	20	94	15700	600	21	150	150
p450235	50	24	700	48	334000	6100	3750	950	8	1650	32	62	550	62	12	165	17200	700	20	160	100
p450236	60	19	600	37	279000	7800	5350	900	8	2900	20	58	550	54	16	280	13800	500	21	155	200
p450237	50	22	550	26	281000	6850	4200	800	6	2050	26	56	550	46	16	190	13600	550	19	130	200
p450238	65	23	750	48	351000	6200	3650	900	12	1300	30	74	550	56	8	145	16300	700	23	155	150
p450239	60	22	700	44	345000	5850	3500	1000	4	1350	28	68	600	68	12	135	17600	700	23	155	150
p450240	60	22	700	38	339000	5750	2400	1000	10	850	28	62	550	66	12	82	17100	650	21	145	100
p450241	65	24	700	41	354000	4850	2350	1000	8	750	32	58	550	72	2.5	72	16700	650	22	145	150
p450243	70	24.5	675	35.5	336000	5425	3150	850	11	975	28	69	525	54	13	105	14700	650	21	145	150
p450245	80	24	750	48	358000	5200	2800	950	4	850	34	68	600	72	14	94	16500	700	24	155	200
p450246	60	17	750	47	366000	5550	3100	850	6	1250	28	64	550	56	14	125	15100	750	23	150	150
p450247	50	19	700	41	317000	5400	2600	850	4	1000	32	56	490	60	14	94	16300	650	19	135	150
p450248	55	21	600	36	280000	6650	3700	850	4	2000	32	58	550	48	2.5	170	15700	600	20	135	150

Sample #	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
p450249	50	23	700	45	350000	4850	2300	1050	6	1000	38	56	550	50	14	96	20800	650	16	155	100
p450250	55	23	550	37	280000	6850	4100	850	8	2150	34	52	550	46	6	195	16500	550	22	130	150
p450251	70	25	650	48	316000	6550	3850	950	4	1950	38	58	600	62	8	180	18500	650	23	160	150
p450252	65	26	550	41	270000	7450	4350	1000	6	2350	36	46	500	68	8	200	18500	550	22	135	200
p450253	55	22	650	42	300000	6650	3050	850	10	1100	24	52	550	60	8	100	15500	600	22	145	200
p450254	75	25	750	48	353000	4800	2050	1050	8	600	40	58	550	66	18	58	21600	700	24	160	150
p450255	60	25	650	36	308000	5250	2400	950	8	700	34	52	470	56	14	68	18200	650	21	150	150
p450256	60	18	700	42	339000	5250	2950	900	10	1100	34	62	550	54	20	110	17400	700	22	155	100
p450257	60	29	800	50	364000	5300	2450	1050	6	700	38	68	550	66	16	70	20100	750	23	155	100
p450258	60	24	700	42	338000	5600	3100	1050	8	1650	28	64	600	58	12	145	18300	650	20	155	100
p450259	55	20	650	38	310000	5950	3900	850	4	1450	32	64	500	70	12	160	15500	650	18	145	50
p450260	60	25	750	41	377000	5100	2900	1000	6	1150	30	82	600	70	12	115	17200	700	23	160	200
p450261	60	27	850	47	349000	5750	3350	950	8	1100	28	72	500	60	28	120	17500	700	27	165	50
p450262	60	26	900	58	382000	6000	2900	1050	8	750	36	78	550	68	2.5	82	19400	750	32	160	25
p450263	50	21	800	60	331000	6550	4150	950	6	1350	30	72	500	48	22	150	15900	650	27	160	25
p450264	55	25	850	58	382000	5750	2800	1150	6	950	36	66	600	82	16	110	20500	750	30	175	50
p450265	50	24	700	49	295000	7600	4400	950	10	2450	20	64	550	54	16	230	15100	550	28	145	25
p450266	50	28	800	56	349000	5900	3000	1000	6	1100	32	66	550	68	28	115	18000	700	31	145	50
p450267	55	20	700	54	292000	7100	3650	900	4	1900	24	58	500	42	2.5	170	14900	550	27	140	25
p450268	55	27	800	56	333000	5850	3300	950	6	1200	32	68	500	72	24	125	17400	650	26	150	25
p450269	55	28	750	52	323000	7200	4400	950	10	1950	30	68	500	56	16	200	17400	650	30	165	50
p450271	65	15	600	64	482000	3900	2200	800	10	400	10	48	650	70	24	62	11100	1100	24	125	150
p450272	85	19	550	56	478000	3750	2400	850	4	750	14	50	600	72	18	94	11500	1050	28	130	150
p450273	70	17	600	48	447000	4150	2450	900	6	750	12	47	600	86	18	90	11400	1000	26	120	100
p450274	75	13	600	60	460000	4200	2400	850	8	550	12	50	650	92	2.5	78	11700	1050	26	130	50
p450275	75	16	550	56	462000	4600	2500	850	6	600	14	49	700	78	28	78	11800	1050	27	120	150
p450276	75	12	550	56	455000	4950	2650	900	12	650	12	48	650	82	26	80	10900	1000	28	115	100
p450277	65	15	550	58	454000	4050	2300	850	6	550	14	48	550	72	20	76	10900	1000	24	120	150
p450278	55	18	550	52	448000	3800	2100	700	4	420	10	48	550	88	28	62	10200	1000	24	115	25
p450279	55	18	600	60	493000	3150	1700	750	6	290	12	41	600	76	8	48	11800	1100	27	135	50
p450280	55	7	600	78	518000	2500	1300	650	4	230	12	35	700	74	10	44	12200	1150	25	125	150
p450281	55	18	600	72	508000	3150	1550	700	1.5	270	12	41	600	88	16	47	11700	1150	27	125	50
p450282	60	11	500	68	500000	3350	1600	800	8	280	14	39	650	84	14	46	11800	1000	28	135	150
p450283	60	12	550	60	515000	2850	1500	750	8	270	12	48	600	76	14	42	11800	1050	29	135	150
p450284	70	11	600	58	506000	3500	1750	800	4	300	10	52	650	82	6	45	13500	1050	31	145	250
p450285	75	13	550	54	534000	2750	1450	750	10	250	14	46	600	82	12	50	11900	1100	32	125	200
p450286	60	21	500	54	470000	3400	1750	750	1.5	310	14	48	600	68	20	52	11400	950	29	130	150

Sample #	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
p450287	60	16	550	62	537000	2700	1450	700	10	240	12	47	650	74	12	49	12200	1100	29	130	200
p450288	70	15	550	64	533000	2250	1350	700	8	195	10	42	650	92	16	50	12200	1100	27	120	200
p450289	50	19	550	60	542000	2450	1450	700	8	240	12	48	700	74	18	44	12100	1100	26	125	200
p450290	50	14	550	60	473000	3350	1950	750	10	300	14	49	650	64	6	56	11000	950	23	120	150
p450291	75	14	550	68	496000	3850	2100	800	1.5	360	14	52	650	86	12	52	12100	1050	27	125	200
p450292	65	11	550	56	482000	3800	2050	800	6	350	14	52	750	78	14	48	11400	1050	25	120	100
p450293	65	17	550	68	484000	3850	2100	850	8	370	14	52	650	88	18	60	11900	1000	26	130	250
p450294	70	26	550	60	469000	3950	2050	850	8	340	18	56	750	94	20	49	11700	1000	25	125	200
p450295	70	11	550	64	474000	4250	1850	750	6	380	16	52	700	74	12	52	11600	1000	32	135	150
p450296	70	16	600	60	496000	3950	1750	800	6	320	18	54	750	76	2.5	47	12700	1050	32	130	150
p450297	70	14	550	54	477000	3800	1900	800	6	300	16	54	750	88	2.5	47	11600	1000	27	130	200
p450300	60	12	525	59	471000	4300	2175	775	4	375	17	55	675	86	11.25	58	12300	1000	26	135	150
p450301	55	19	550	62	510000	2850	1750	750	10	260	14	52	700	94	2.5	45	11500	1050	24	135	200
p450302	60	16	550	64	485000	3750	1750	750	8	360	20	54	650	94	2.5	49	12400	1000	29	130	100
p450303	65	18	550	66	511000	3600	1700	800	4	360	16	52	750	76	2.5	50	13100	1050	30	145	150
p450304	80	11	600	66	479000	3900	1800	800	8	350	18	54	800	90	12	50	12300	1000	31	135	150
p450305	75	11	550	66	494000	4000	1800	800	1.5	380	18	52	750	86	2.5	47	12200	1050	33	135	200
p450306	80	16	550	56	472000	4650	1950	800	4	470	20	56	750	84	22	52	12000	1000	29	125	150
p450307	60	15	600	54	438000	4450	1900	750	1.5	430	16	48	550	72	6	46	10500	850	26	135	150
p450308	55	10	650	58	475000	3550	1400	650	10	330	14	52	550	86	2.5	38	9300	900	26	130	150
p450309	55	9	600	50	405000	4100	1900	700	1.5	390	16	49	460	70	2.5	46	8700	800	23	110	150
p450310	65	22	550	58	406000	4250	1900	700	8	410	16	48	500	66	10	45	9100	800	27	120	150
p450311	75	11	700	62	487000	3700	1450	750	6	330	18	50	600	78	22	40	10700	950	28	120	200
p450312	70	12	700	62	468000	3650	1450	700	8	350	18	52	600	84	10	39	9750	900	26	115	150
p450313	65	15	650	62	482000	3350	1550	800	6	280	20	52	600	90	2.5	37	11300	950	28	135	150
p450314	60	16	600	60	438000	3950	2050	750	1.5	400	16	54	550	76	18	50	9250	850	25	120	100
p450315	65	12	700	54	500000	2800	1350	750	10	260	16	49	600	70	16	36	10400	950	26	120	150
p450316	95	17	650	56	464000	3650	1700	750	1.5	340	14	50	550	74	8	38	10200	900	28	115	150
p450317	60	12	600	54	491000	3650	1600	800	6	350	20	46	600	74	2.5	45	11500	950	27	130	150
p450318	65	18	650	62	517000	3200	1600	800	6	310	20	58	600	88	22	46	11800	1000	27	140	150
p450319	75	17	650	60	486000	3250	1700	850	1.5	310	16	47	550	76	8	42	10800	950	26	125	100
p450320	65	13	700	54	502000	2850	1400	800	10	270	16	52	600	70	12	35	10500	950	27	125	150
p450321	65	14	750	66	501000	3100	1450	700	10	250	14	49	600	82	12	37	9100	950	26	110	200
p450322	65	11	750	58	493000	3400	1550	850	8	310	20	60	550	74	12	41	11400	900	27	130	150
p450323	65	15	750	56	511000	3450	1450	800	4	310	18	54	600	92	6	45	11600	1000	27	140	150
p450324	55	12	800	58	510000	2500	1200	700	6	260	16	54	550	78	6	39	9000	950	25	110	100
p450325	65	18	700	56	486000	2950	1300	850	8	300	12	46	600	70	2.5	39	9500	950	27	110	150

Sample #	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
p450326	70	16	700	54	499000	3300	1500	850	6	320	14	54	650	68	8	41	9750	950	29	125	100
p450327	70	20	650	52	498000	3350	1750	900	6	330	16	60	650	78	12	48	11000	950	30	130	50
p450328	70	19	650	50	462000	3450	1450	800	8	300	12	46	600	68	8	39	8850	900	26	115	150
p450329	65	13	800	49	498000	2900	1250	800	4	270	14	56	500	78	16	38	9150	1000	23	115	25
p450331	65	16.5	725	40.5	494500	2400	1100	800	7	230	13	48.5	575	68	7.25	35	9200	950	22.5	110	100
p450333	70	10	650	45	481000	2850	1250	850	1.5	270	14	47	600	58	18	38	9850	900	25	110	100
p450334	70	15	650	48	457000	3050	1400	850	4	290	14	54	550	62	8	48	10100	900	26	120	25
p450335	55	15	650	44	486000	2350	1150	900	1.5	220	12	46	550	70	8	37	9500	950	22	105	50
p450336	60	9	650	54	480000	2850	1400	850	8	240	14	48	550	76	24	41	9800	950	25	115	25
p450337	60	16	650	42	478000	2800	1400	850	6	260	14	48	550	56	8	47	10100	950	25	110	100
p450338	70	11	650	52	496000	3700	1700	1050	8	310	16	58	600	72	14	64	12100	1000	26	135	25
p450339	55	13	650	47	472000	3000	1350	850	6	260	16	46	600	74	2.5	41	11200	950	24	115	100
p450340	60	15	650	45	455000	3100	1250	800	6	290	10	46	550	56	12	40	9500	900	23	105	150
p450341	60	6	700	49	476000	3150	1350	850	6	280	16	49	600	60	12	43	10100	950	24	120	100
p450342	60	19	750	52	514000	2800	1250	900	4	260	10	58	600	78	2.5	39	9100	950	25	115	150
p450343	60	19	700	44	493000	2600	1150	850	6	210	12	50	650	70	2.5	36	9550	950	22	120	100
p450344	65	20	700	49	485000	3550	1350	850	8	290	14	56	650	56	14	33	10400	950	23	110	100
p450345	65	15	700	56	479000	3500	1700	1000	6	300	14	54	600	84	14	50	10900	950	26	125	25
p450346	55	16	600	49	449000	3300	1500	850	10	310	14	50	550	66	8	42	9900	900	26	100	50
p450347	60	18	600	48	468000	2950	1450	900	8	260	16	54	550	68	12	46	10900	950	25	115	50
p450348	60	24	650	47	477000	3250	1700	950	1.5	280	16	52	600	76	12	56	11000	950	29	130	50
p450349	40	18	750	45	487000	2300	1100	700	4	200	12	62	550	66	6	45	9700	1000	22	100	25
p450350	35	23	750	44	483000	1850	1000	600	6	165	10	76	500	66	2.5	43	7550	1000	20	94	50
p450351	20	4	550	46	522000	1200	750	600	4	115	12	42	410	76	10	35	8050	950	15	82	50
p450352	15	8	500	60	492000	1250	650	550	4	170	2.5	32	370	58	20	29	6400	950	14	72	100
p450353	40	26	550	54	464000	2450	1200	800	8	250	16	56	650	60	10	41	12400	950	22	135	100
p450355	20	10	600	52	535000	1150	800	750	6	125	10	64	440	70	2.5	39	6750	1000	14	94	50
p450356	25	20	1150	49	519000	1400	850	550	10	130	2.5	86	420	60	2.5	40	7200	1050	17	82	50
p450357	35	10	1150	52	485000	1950	1200	700	8	195	10	76	480	64	10	56	8200	1000	17	105	50
p450358	50	23	550	64	498000	2100	1300	1250	12	260	10	66	600	74	10	48	10000	950	27	170	50
p450359	45	18	750	50	462000	2450	1400	900	12	300	12	74	440	74	8	46	8850	900	24	130	100
p450360	35	13	750	54	544000	1500	950	800	10	240	8	54	500	64	10	38	8150	1050	18	125	100
p450361	50	20	750	42	472000	2100	1350	950	8	210	2.5	100	400	84	2.5	42	6200	900	19	110	25
p450362	30	15	1100	50	519000	1650	1050	650	14	175	8	105	600	72	10	39	7450	1000	18	92	50
p450363	40	20	1550	48	493000	1750	1250	800	12	155	10	115	450	68	10	40	7600	950	19	98	25
p450364	35	32	1750	52	531000	1450	1100	600	8	180	8	120	440	78	18	40	6650	1050	19	84	50
p450365	50	19	1250	47	511000	1700	1200	700	6	185	6	84	420	68	2.5	44	6700	1000	18	82	25

Sample #	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
p450366	35	7	1050	42	493000	1800	1250	650	12	250	2.5	72	370	64	2.5	48	5600	950	14	76	25
p450367	25	11	900	44	486000	2000	1300	490	8	330	6	56	420	70	2.5	49	5350	950	18	66	50
p450368	15	9	650	50	486000	1200	700	410	6	140	2.5	45	350	68	12	28	4500	950	11	58	100
p450369	30	18	2100	50	420000	3300	1350	600	10	490	8	200	480	44	8	39	5100	700	15	78	100
p450370	40	11	2000	49	466000	2600	1500	600	8	360	10	195	600	84	6	44	7000	850	17	98	100
p450371	50	21	1300	39	392000	3500	2150	650	4	460	8	120	500	60	10	56	6500	750	16	110	25
p450372	55	24	1150	46	391000	3400	2150	750	8	470	10	135	500	60	6	56	6900	700	16	125	25
p450373	60	20	750	54	394000	3300	1950	900	8	450	12	190	550	82	2.5	54	9100	800	19	135	100
p450375	45	23	900	58	481000	2550	1550	800	10	280	16	100	800	66	6	52	11000	850	17	165	25
p450376	45	22	800	50	443000	3000	1700	900	10	300	24	86	750	82	26	46	15100	850	18	195	50
p450377	50	13	700	68	422000	2850	1850	850	8	500	14	72	600	56	10	70	10200	850	20	145	50
p450378	40	15	600	54	366000	2950	1550	700	10	430	12	64	490	60	2.5	52	11500	750	17	130	100
p450379	30	13	1700	58	454000	3100	1700	550	8	420	6	195	600	78	10	52	7000	850	19	115	100
p450380	45	18	1100	56	410000	3750	1900	700	6	460	8	120	550	74	12	54	8100	750	19	125	100
p450381	40	20	950	47	398000	3850	2100	700	6	550	12	105	600	78	16	66	8850	800	18	120	50
p450382	40	15	700	49	391000	4000	2000	650	8	470	10	78	550	76	12	54	8550	800	18	125	100
p450383	50	20	800	41	391000	4100	2200	650	1.5	550	6	86	600	78	20	58	8300	800	20	120	25
p450384	20	12	550	37	372000	3450	1800	480	6	550	10	58	500	60	14	66	7850	750	15	90	100
p450385	30	15	550	44	394000	2750	1300	450	10	1000	14	43	600	74	16	52	8700	800	14	86	150
p450386	45	21	600	60	306000	6850	2950	750	12	950	22	62	650	62	10	88	12200	600	21	130	100
p450387	25	13	600	48	357000	3200	1550	490	10	500	12	62	550	70	10	54	8200	750	17	96	100
p450388	35	22	900	52	399000	3550	1700	700	14	470	10	90	600	70	16	50	9250	850	18	125	100
p450389	40	23	1250	46	438000	3100	1700	750	8	410	10	135	650	88	20	56	9150	850	19	130	25
p450390	35	23	1300	58	469000	2850	1450	750	12	360	10	145	650	76	20	45	9100	900	19	125	25
p450391	40	11	1100	49	441000	2900	1550	650	10	340	8	130	650	82	8	46	8150	850	19	125	100
p450392	35	22	1000	54	423000	3350	1650	700	8	410	12	115	700	84	8	49	8800	800	18	140	25
p450393	35	25	1100	54	462000	2900	1700	700	6	320	12	120	650	80	8	50	9750	900	19	135	25
p450394	45	19	750	42	441000	3700	1950	750	8	430	16	78	650	80	16	62	10900	850	20	145	25
p450395	50	26	850	48	456000	3500	2000	850	8	360	20	98	800	66	20	58	13000	850	23	185	100
p450396	40	20	750	40	418000	3850	1750	700	8	450	10	80	700	74	6	52	9300	800	19	130	25
p450397	55	24	900	42	412000	3950	1900	750	6	440	12	96	650	78	22	50	9200	750	20	145	25
p450399	42.5	22.5	1000	52	461500	3525	2100	775	9	375	13	112.5	650	82	8	59	10750	875	20	167.5	51.25
p450400	65	25	950	52	447000	4400	2200	900	4	480	16	105	750	90	16	62	11400	850	24	165	100
p450401	45	10	600	56	464000	2250	1500	1100	14	300	6	62	600	82	12	52	9450	950	16	170	25
p450402	35	17	650	60	527000	2150	1350	800	8	310	6	64	750	76	8	50	11000	1050	14	160	25
p450403	30	12	700	52	536000	2150	1200	900	10	290	2.5	72	550	86	2.5	48	8450	1000	14	125	25
p450405	45	19	950	44.5	478000	2350	1775	850	7	240	4.25	132.5	625	81	12	48	9150	1000	13.5	127.5	25

Sample #	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
p450407	25	11	1600	39	503000	1850	1200	600	10	195	2.5	140	460	66	26	46	6300	1000	12	88	50
p450408	25	2	1500	38	524000	1700	1200	700	8	420	2.5	115	600	96	14	45	7550	950	11	105	25
p450409	15	14	1550	54	561000	1800	900	600	12	220	2.5	100	600	72	12	44	6900	1050	10	84	25
p450410	25	16	750	47	525000	1500	950	600	10	190	2.5	62	490	78	2.5	38	6200	1050	10	98	25
p450411	65	19	900	43	463000	2950	1450	800	10	65	20	94	650	52	14	48	10700	800	27	155	100
p450412	65	14	800	41	464000	3450	1800	900	10	140	20	88	550	52	12	66	12000	850	25	130	100
p450413	75	19	800	47	443000	4650	2250	850	8	220	16	100	550	60	14	64	9250	800	31	150	100
p450414	70	21	950	44	454000	3700	1800	1050	10	130	20	94	550	68	24	50	13800	850	29	150	100
p450415	80	22	900	40	468000	3300	1850	1050	12	190	18	105	650	68	12	68	12700	900	30	150	100
p450416	50	15	1950	42	497000	2450	1050	550	10	100	12	170	480	50	8	44	7050	850	21	78	150
p450417	75	13	1350	39	440000	3350	1500	750	10	150	14	155	550	62	12	48	8100	800	24	115	150
p450418	65	14	1200	38	473000	3300	1550	800	10	95	12	115	500	60	20	49	9000	900	27	115	200
p450419	70	16	950	41	440000	3400	1550	900	8	130	16	105	550	54	6	46	10700	800	27	130	50
p450420	80	30	700	52	449000	3450	1700	950	8	200	16	115	600	70	16	56	9600	750	31	160	150
p450421	75	16	750	44	417000	3800	1650	900	10	155	18	96	550	46	12	52	9750	800	29	125	100
p450422	70	15	750	37	412000	4150	2050	900	10	210	22	84	600	54	8	60	12500	750	27	170	50
p450424	70	17	700	49	402500	4275	1975	900	10	220	26	74	575	58	21	96.5	13950	775	28	155	150
p450426	70	18	750	45	446000	3500	1750	850	10	125	28	86	600	66	14	56	17200	900	30	150	100
p450427	80	10	850	42	484000	2700	1450	800	10	35	22	78	550	72	2.5	47	10700	950	27	130	100
p450428	60	4	1700	42	515000	2200	1050	550	14	85	12	145	430	56	2.5	47	6950	900	24	70	150
p450429	70	18	1100	43	461000	3900	1750	750	12	190	18	125	600	60	10	62	9900	800	27	130	50
p450430	65	11	1150	49	459000	3100	1350	650	10	75	12	110	500	48	6	70	7250	800	26	105	100
p450431	65	13	950	33	432000	3050	1350	650	12	70	16	100	450	54	6	44	8650	800	24	94	150
p450432	65	7	1050	38	453000	2850	1350	650	12	80	14	110	500	72	8	45	8100	850	27	96	100
p450433	70	6	700	40	458000	2700	1200	550	8	140	18	49	440	72	10	70	8050	850	23	82	150
p450434	75	11	700	42	444000	3750	1600	800	8	190	26	76	600	60	2.5	56	11700	800	28	140	100
p450435	75	1	600	34	415000	3400	1550	600	10	110	16	56	470	72	12	52	7300	800	26	82	200
p450436	60	8	800	45	425000	3150	1300	550	8	90	18	80	500	64	12	47	8100	800	24	92	100
p450437	70	12	1150	45	451000	3550	1500	700	14	160	14	130	500	62	14	49	7550	800	25	105	150
p450438	70	13	1000	45	405000	3750	1750	750	12	185	14	120	550	48	8	60	8650	750	26	105	100
p450439	60	12	950	44	419000	2600	1100	550	8	55	18	105	550	52	16	42	8400	750	20	98	150
p450441	55	6.5	900	39.5	417500	3200	1200	575	10	102.5	15	83	525	48	9	42	7625	775	19	89	75
p450443	75	14	800	48	418000	4150	2000	800	8	270	18	100	550	62	8	64	9400	750	33	145	50
p450444	75	15	800	46	396000	4250	1950	850	8	280	20	88	550	60	8	58	11200	700	28	140	100
p450445	80	13	900	49	424000	4000	1550	800	14	165	18	96	600	62	12	50	10600	750	28	140	150
p450446	75	12	900	36	421000	4350	1950	750	8	185	18	90	500	58	2.5	56	9750	750	31	125	150
p450447	80	11	800	43	417000	4750	2100	850	8	470	26	76	500	52	8	62	14000	750	31	130	100

Sample #	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
p450448	75	14	750	42	371000	6350	2350	850	8	400	26	76	600	66	22	64	12700	650	31	130	100
p450449	95	12	800	34	395000	4000	1600	750	8	185	24	76	600	58	2.5	54	11500	700	28	130	100
p450450	85	13	700	58	362000	4600	2400	900	10	1600	24	74	500	52	8	86	12900	650	29	150	1400
p450451	75	16	750	44	377000	4550	2300	900	8	750	20	78	500	62	18	80	12000	650	29	135	150
p450452	75	9	700	40	384000	4950	1950	850	8	220	24	74	550	56	6	48	12300	700	29	125	100
p450453	85	18	700	40	389000	5700	2400	900	8	330	28	80	600	56	8	68	13900	700	33	150	100
p450454	80	17	800	44	415000	4700	2100	900	8	550	22	94	650	64	10	49	14400	750	29	130	100
p450455	80	20	800	40	424000	4650	1900	900	10	500	22	86	650	60	14	45	14900	750	28	150	150
p450456	70	18	850	48	410000	4400	1900	950	6	460	22	90	650	64	6	42	15900	750	28	145	150
p450458	70	20.5	850	38.5	397000	4375	2000	950	7	490	22	78	625	59	14	49.5	15450	750	28	145	125
p450460	75	18	800	44	373000	5000	2500	900	4	480	18	86	550	62	12	50	13700	700	31	145	150
p450461	65	27	950	49	446000	4050	1850	900	6	400	20	92	650	72	8	44	13900	800	29	145	100
p450462	75	10	900	52	436000	3900	1800	850	8	1000	18	86	600	70	16	42	12800	800	29	130	150
p450463	75	18	800	40	401000	4800	2250	800	8	480	18	86	600	64	8	45	12000	750	30	135	100
p450464	65	11	600	56	531000	1500	900	750	8	370	2.5	50	470	64	12	35	8450	1000	15	96	350
p450465	80	10	500	50	497000	3100	1850	750	4	330	6	48	550	78	10	46	10800	1050	23	110	150
p450466	75	19	2850	56	534000	2000	1500	800	16	380	8	155	440	72	10	39	8750	1100	23	125	150
p450467	65	17	900	43	427000	3300	1650	850	8	320	14	94	700	60	8	45	12500	750	26	155	100
p450501	75	19	800	49	390000	5050	2300	850	6	550	14	90	550	68	6	49	10700	700	31	125	100
p450502	85	19	900	43	430000	4100	1950	800	8	420	14	94	600	68	12	44	11000	800	30	125	100
p450503	70	17	900	45	442000	4250	2100	900	6	380	16	100	600	74	12	44	12900	800	31	145	100
p450504	75	17	900	47	426000	4900	2550	800	10	480	14	100	600	70	20	58	10700	750	33	130	200
p450505	70	21	950	45	445000	4900	2400	900	6	900	14	92	550	74	12	60	11600	800	31	140	150
p450506	50	12	550	28	246000	5700	2150	600	4	650	12	56	400	50	12	46	8700	460	23	94	150
p450507	65	18	800	38	384000	4150	2100	800	6	460	16	80	600	72	14	54	12200	700	29	140	100
p450508	85	24	1000	52	466000	4300	2150	1050	8	420	20	94	750	62	12	52	16100	850	34	160	50
p450509	85	22	950	54	458000	4000	2050	950	10	410	16	94	700	58	18	52	13100	850	33	155	100
p450510	80	20	850	42	425000	4800	2550	800	8	500	12	86	650	78	24	60	10600	750	31	150	150
p450511	75	23	950	37	447000	4300	2100	850	8	410	14	98	650	62	10	50	10600	750	31	140	150
p450512	75	18	950	41	431000	4000	2050	800	8	410	14	92	600	60	6	49	10600	750	31	130	150
p450513	65	23	850	48	417000	4950	2700	750	6	460	12	100	600	62	6	56	9750	750	32	130	100
P433722	70	25	650	62	473000	4250	1500	750	12	360	22	54	460	42	20	45	12600	1000	26	86	100
P433723	65	27	650	47	471000	3450	1450	750	10	340	20	49	430	68	22	44	10700	950	25	72	50
P433724	75	25	750	49	488000	3850	1550	750	14	390	20	60	490	58	12	46	11600	1000	25	82	200
P433725	70	22	600	50	438000	4350	1850	700	12	410	18	54	380	60	12	52	10000	900	23	70	150
P433726	75	20	650	50	477000	3300	1800	750	10	360	18	60	420	64	6	56	9600	1000	26	82	200
P433727	65	22	650	48	431000	3950	1900	700	8	410	14	64	430	60	12	54	8500	850	26	100	200

Sample #	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
P433730	75	47	700	105	487000	4700	3850	1050	12	1150	36	72	550	78	32	98	19300	1000	26	140	1300
P433731	75	24	750	50	514000	3300	1550	800	6	290	20	58	410	76	22	46	10700	1050	24	74	100
P433732	65	26	700	47	471000	4400	1500	900	12	350	32	56	460	58	26	52	17200	1000	22	76	150
P433733	70	25	700	45	489000	4050	1600	850	10	310	26	56	460	64	26	60	14400	1000	24	92	100
P433734	65	25	700	44	483000	3600	1600	750	6	310	22	52	420	64	24	46	11400	950	25	74	150
P433735	90	25	700	44	490000	4500	1550	1000	12	370	32	64	500	56	16	49	16800	1000	25	88	100
P433747	65	26	700	48	368000	3250	2200	800	10	410	28	84	370	54	22	68	12200	850	21	92	150
P433748	75	26	900	54	461000	3300	1650	850	10	360	26	100	500	58	16	47	13500	850	23	130	<50
P433749	70	33	800	58	419000	3700	1750	950	10	470	22	110	550	52	12	50	12000	800	28	120	100
P433750	70	43	750	56	419000	3500	1850	1200	8	500	20	115	550	52	10	56	14400	950	29	135	50
P433751	105	46	800	70	418000	3750	2350	1550	10	550	22	140	550	44	18	58	14800	850	36	135	150
P433752	90	42	800	68	382000	4650	3050	1150	8	850	20	170	470	58	10	66	10300	750	33	145	100

MITHRIL

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TALIA HILL PROJECT

EXPLORATION LICENCE 2842

ANNUAL TECHNICAL REPORT

For the Period

19th September 2003 to 18th September 2004

Peter Hill
Senior Geologist

MAP REFERENCE:
TARCOOLA 1:250K SG53-10

SUMMARY

The annual period ending 18th September 2004 marks the third year of exploration over the Talia Hill Project - Exploration Licence 2842.

In June 2004 Mithril tested five targets for nickel mineralisation by drilling a total of fourteen reverse circulation holes (total 934 m). The targets were delineated by interpretation of aeromagnetic data supplemented by magnetic lag sampling and focussed on the basal contact of the Lake Harris Komatiite in the Harris Greenstone Domain, Gawler Craton.

Harris Komatiite was successfully sampled in four of the traverses.

The best single assay for nickel was 4000 ppm Ni in THRC05 16 – 20 m and the second best assay was 3900 ppm in THRC04 12 – 16 m. The best intervals include THRC04 from 12 m, 12 m @ 3700 ppm and THRC05 from 12 m, 16 m @ 3100 ppm. All of these intervals are in moderately weathered ultramafic rock at the Mullina prospect.

The best single gold assay was 160 ppb (average) from THRC04 32 – 36 m and the best platinum assays were 25 ppb in THRC03 8-12 m; THRC05 16-20m; and THRC14 16-20 m.

The coincident nickel – copper - cobalt geochemistry indicates a sulphide origin for the nickel enrichment. Further drilling is planned for the next reporting period.

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FIGURES

APPENDICES

DATA FILES

2842June04collar.txt
2842June04assay.txt
2842June04logs.txt
2842June04magsus.txt

INTRODUCTION

The Talia Hill Project is located approximately 800km northwest of Adelaide near the town of Tarcoola in South Australia. The project comprises one tenement (EL 2842) which covers approximately 620 square kilometres.

GEOLOGICAL SETTING

EL 2842 covers approximately 10 km strike length of a magnetic feature interpreted to represent a greenstone belt within the Harris Greenstone Domain of the Gawler Craton. The greenstone belt has a strike extent of over 250 km and has an apparent thickness of approximately 1 to 5 km. It comprises Archaean mafic and ultramafic rocks that are surrounded by other Archaean rocks of the Mulgathing Complex.
The Lake Harris Komatiite occurs within the greenstone belt and is the target of Mithril's Talia Hill nickel exploration program.

Metamorphism and deformation during the Sleafordian and Kimban orogens have variably affected the original Archaean lithologies. In the Mullina Well area the ultramafic rocks have experienced low to mid amphibolite grade metamorphism and display weak to very strong foliation. Tremolite, chlorite and talc mineral assemblages are common.

PREVIOUS EXPLORATION

Previous exploration of the land under EL 2842 is summarised below. A more detailed review of previous exploration was reported in the Annual Technical Report for the Period Ending 18th September 2003.

Pima

During Pima's gold exploration in 1997-98, Lake Harris Komatiite was intersected in many drill holes in their 'Masters' prospect. The drill samples were routinely assayed for gold, with only the end of hole sample assayed for multielements including nickel.

PIRSA

Diamond drilling by PIRSA in 2001 to 2002 confirmed the occurrence of komatiite and attempted to identify a facing of the ultramafic sequence by interpreting the orientation of the spinifex textures and the varying MgO content.

MITHRIL EXPLORATION OF TALIA HILL EL 2842

Aeromagnetic data from PIRSA was used to delineate the position of the basal contact of the Lake Harris greenstone belt.

At Talia West (see Figure 2) the southern boundary of the east-west trending magnetic body was interpreted to represent the basal komatiite flow.
At the Mullina Prospect (see Figure 2) the northern boundary of a discontinuous magnetic body was interpreted to represent the basal contact.

A total of 467 magnetic surface lag samples were taken from nineteen north-south traverses spaced 200 m apart with sampling at 100 m intervals. The samples were analysed at Amdel Laboratories for a suite of metallic elements and was reported in the previous annual technical report for this EL.

Four of the five traverses were located to test magnetic lag nickel anomalies that coincide with the interpreted base of the komatiite.

JUNE 2004 RC DRILLING PROGRAM

Access

Drill sites were accessed via pre-existing station tracks and drill access tracks (established by PIRSA and PIMA) and drill holes were positioned using a stand alone GPS (±4m error).

Drilling and Sampling Method

Titeline Drilling Pty Ltd supplied a UDR650 RC drill rig with 4 inch diameter hammer and 4½ inch face sampling bit. All fourteen holes were angled at -60 degrees and the holes were orientated grid north or grid south (see Appendix 1 for collar details).
Drill cutting were retrieved from the sample cyclone at 1 m intervals and placed in rows on the ground for geological logging (see Appendix 2) and magnetic susceptibility measurements (see Appendix 3). A scoop was used to obtain a representative 4 m composite geochemistry samples that were sent to Amdel Laboratories for geochemical analysis (see Appendix 4).

RESULTS

Geology

Meta-ultramafic and meta-mafic rocks were intersected in contact with felsic gneisses and quartz-feldspar gneisses. Rock types were variably deformed and metamorphosed, consistent with previous descriptions of drill samples obtained in previous programs by PIRSA and PIMA.
The interpreted basal contact of the Lake Harris Komatiite was intersected in four of the targets with the footwall to the channel commonly comprising the felsic Kenella Gneiss or quartz rich paragneisses.

Under a 10 to 40 cm thick drape of aeolian sands and soil, there is up to 4 m of calcrete covering the weathered basement rock. Lime green nontronite rich clay and goethitic ferrugenisation (derived from oxidised magnetite) has variably developed throughout the top 20-40 m of the basement rocks of the greenstone belt. Fresh ultramafic comprises retrograde lower greenschist facies metamorphic assemblages of serpentinite–magnetite-chlorite, and tremolite–chlorite(-anthophyllite).

Geochemistry

The best single assay for nickel was 4000 ppm Ni in THRC05 16 – 20 m and the second best assay was 3900 ppm in THRC04 12 – 16 m. These three holes are from the Mullina Prospect, traverse 8200E (see cross section Figure 3).

The assay results are presented below Table 1 and fully presented in Appendix 4.

Table 1. Summary of Nickel Drill Intersections

Hole	Easting (GDA UTM Zone 53)	Northing	Ni (ppm)
THRC04	468200	6590895	8-32m 3000 ppm
THRC14	468195	6590975	16-36 m 2890 ppm
THRC05	468195	659045	12-28m 3100 ppm, including 4000 ppm 16-20m

Note: Holes are angled at -60 degrees, towards grid north.
Intervals are drill depths not true depths.
Cut off for averaged Ni 1900ppm

Drill hole	interval	Nickel	Drill traverse	Rock type
THRC05	12 - 28	3100 ppm	8200 mE	Red-brown and lime green clayey saprock
THRC04	12 - 24	3700 ppm	8200 mE	Red-brown and lime green clayey saprock
THRC14	16 - 36	2890 ppm	8200 mE	Dark red-brown clay

The best single gold assay was 160 ppb (average) from THRC14 32 – 36 m and the best platinum assays were 25 ppb in THRC03 8-12 m; THRC05 16-20m; and THRC14 16-20 m.

Interpretation of Drill Results

Primary nickel sulphide mineralisation below the nickel enriched weathered zone at the Mullina Prospect has not yet been located. The association of chalcophile element mineralisation (Cu, Co, As, Pt, Au) with the nickel-iron anomalism in the weathering profile suggests a proximity to primary sulphide but there is insufficient data to determine the location or extent of the source. The dispersion of elements in the weathering profile at line 8200E is similar to the dispersion developed in the weathering profiles of mineralised komatiites in the Yilgarn Block, Western Australia.

At traverse 8200E the nickel anomalism is best developed in THRC14, 05 and 04 and suggests a southerly increase in both thickness and nickel content of the weathering enrichment zone.

The levels of nickel sampled by Mithril at the Mullina Prospect are amongst the highest of all previous exploration of the greenstone belt in the Harris Greenstone Domain.

ANNUAL EXPENDITURE

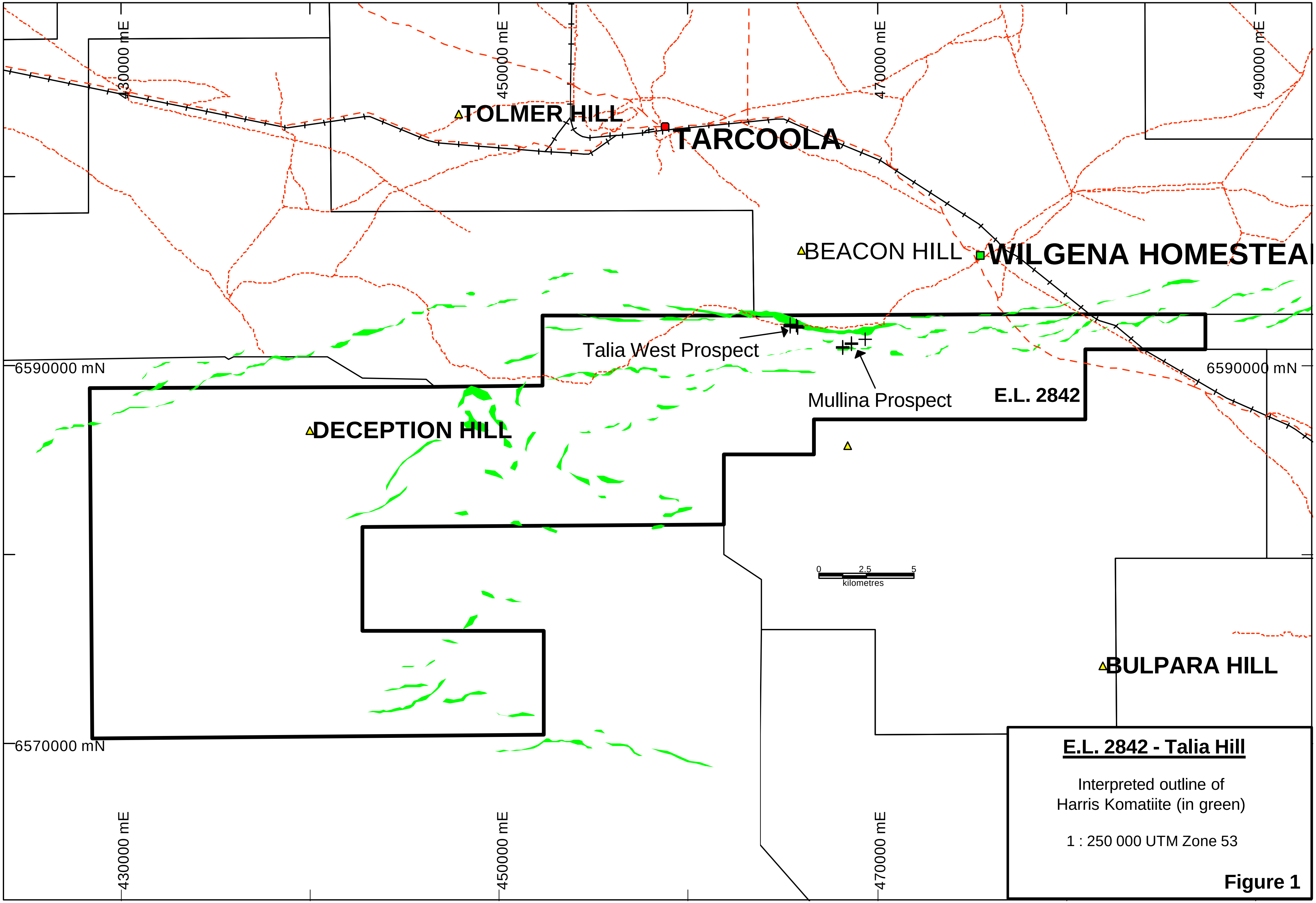
Salaries and on-costs	$69,292.00
Maps, data, computing expenses	$1,593.00
Drilling	$53,888.00
Field expenses	$3,504.00
Native Title	$25,525.00
Legal	$1,250.00
Vehicle Hire	$8,390.00
Assay Costs	$10,677.00
Fees, licences	$2,422.00
Admin Overheads	$17,654.00
Total for reporting period	**$194,195.00**

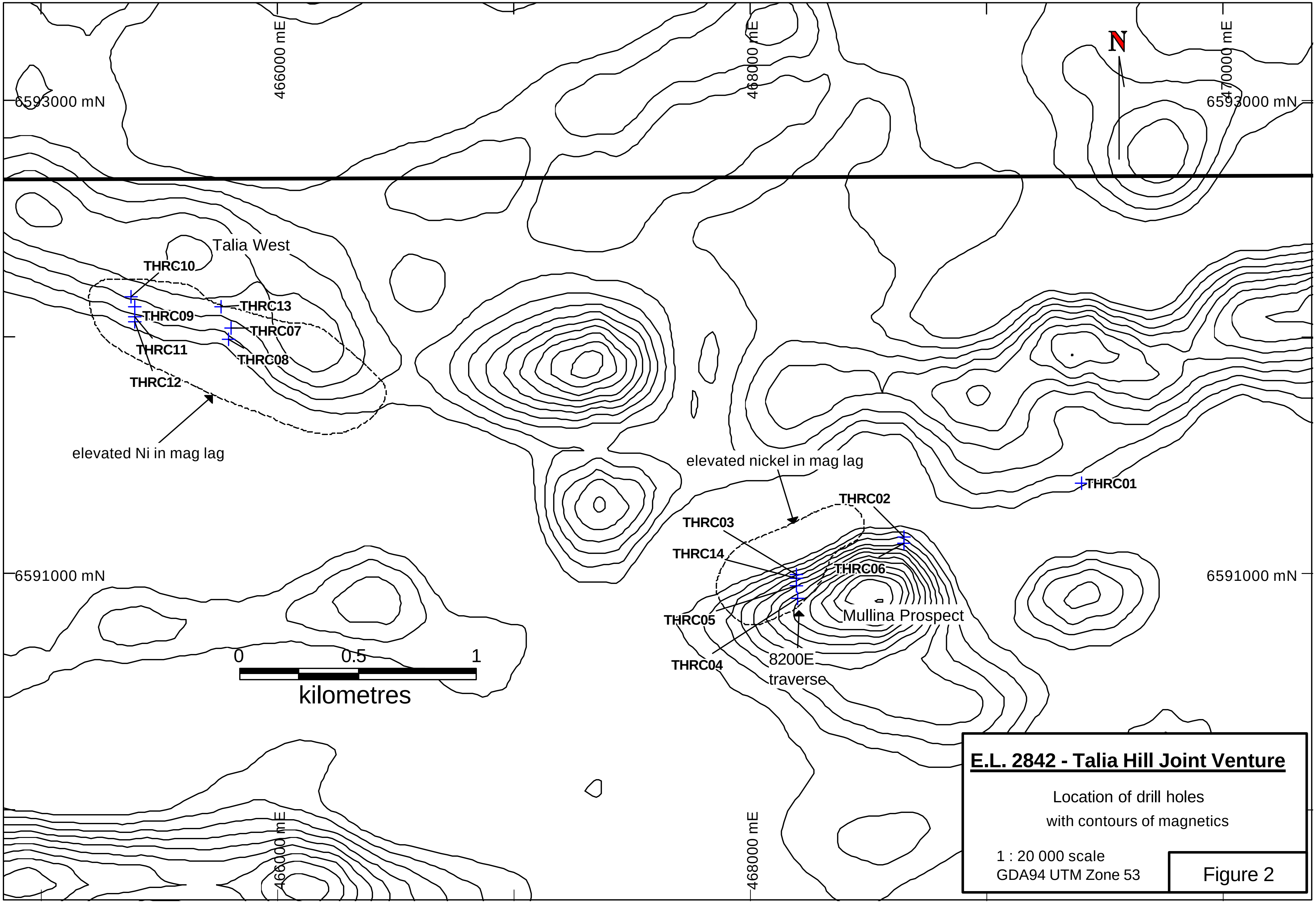
CONCLUSIONS

1. THRC 04; 05 and THRC14, all on line 8200E at Mullina Prospect, intersected the best nickel, gold and platinum mineralisation of this program.
2. Nickel anomalism in magnetic lag sampling coincides with the surface projection of the most nickel rich portions of the weathering zone developed in the underlying ultramafic basement rock.
3. There is good correlation with the magnetic features interpreted from the aeromagnetics images and the ultramafic and komatiitte rocks intersected by Mithril's drilling, and by other drilling.

RECOMMENDATIONS

1. Follow up drilling to the south of hole THAC04 should test the southerly extent of the supergene related nickel anomalism on traverse 8200E.
2. Drill traverses to the west and east of traverse 8200E are also recommended to delineate the western and eastern extent of the anomalism.
3. Drill test other portions of the Harris Greenstone Belt, commencing with parts of the belt that in images of airborne magnetic survey appear thicker.


430000 mE
450000 mE
470000 mE
490000 mE
TOLMER HILL
TARCOOLA
BEACON HILL
WILGENA HOMESTEAD
Talia West Prospect
Mullina Prospect
E.L. 2842
6590000 mN
6590000 mN
DECEPTION HILL
0
2.5
5
kilometres
BULPARA HILL
6570000 mN
430000 mE
450000 mE
470000 mE
E.L. 2842 - Talia Hill
Interpreted outline of
Harris Komatiite (in green)
1 : 250 000 UTM Zone 53
Figure 1



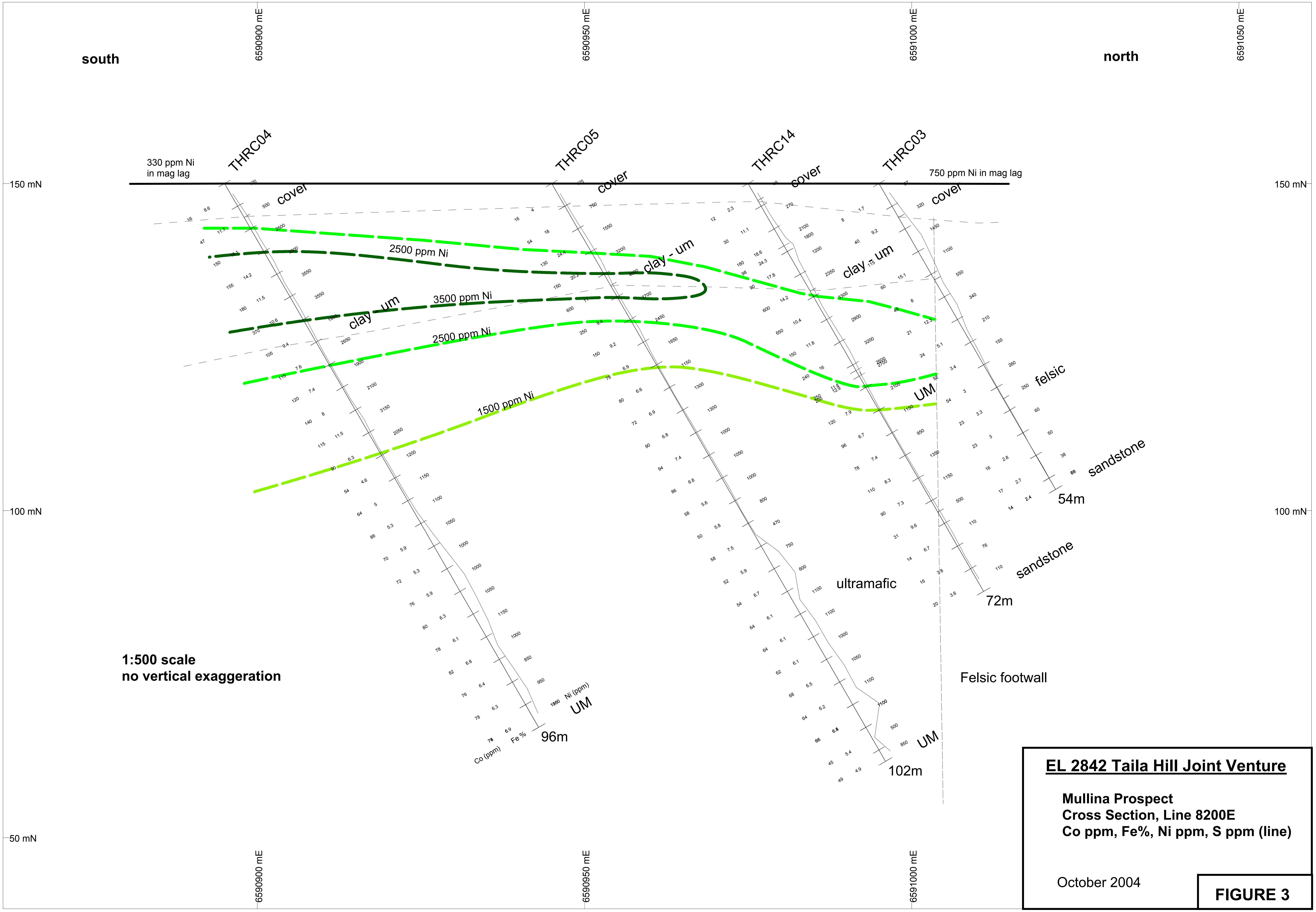
E.L. 2842 - Talia Hill Joint Venture

Location of drill holes

with contours of magnetics

1 : 20 000 scale
GDA94 UTM Zone 53

Figure 2



EL 2842 Taila Hill Joint Venture

Mullina Prospect
Cross Section, Line 8200E
Co ppm, Fe%, Ni ppm, S ppm (line)

October 2004

FIGURE 3

APPENDIX 1

Drill Hole Collar Details

collar details

HOLE NAME	EASTING	NORTHIN(	AZIMUTH	dip	final depth	elevation	date drilled	DATE_COMPL	Target	traverse name	comments	drill method	mag sus	Licence	survey method
THRC01	469400	6591380	180	-60	60	150	16/06/2004	16/06/2004	Mullina	Talia east 9400E		4.5" RC	KT-9 (10-3)	EL 2842 T	Garmin 12XL (4.5m error) WGS 84 UTM Zone 53K
THRC02	468650	6591150	0	-60	66	150	16/06/2004	16/06/2004	Mullina	Talia east 8650E		4.5" RC	KT-9 (10-3)	EL 2842 T	Garmin 12XL (4.5m error) WGS 84 UTM Zone 53K
THRC03	468195	6590995	0	-60	54	150	17/06/2004	17/06/2004	Mullina	Talia east 8200E		4.5" RC	KT-9 (10-3)	EL 2842 T	Garmin 12XL (4.5m error) WGS 84 UTM Zone 53K
THRC04	468200	6590895	0	-60	96	150	20/06/2004	20/06/2004	Mullina	Talia east 8200E		4.5" RC	KT-9 (10-3)	EL 2842 T	Garmin 12XL (4.5m error) WGS 84 UTM Zone 53K
THRC05	468195	6590945	0	-60	102	150	20/06/2004	20/06/2004	Mullina	Talia east 8200E		4.5" RC	KT-9 (10-3)	EL 2842 T	Garmin 12XL (4.5m error) WGS 84 UTM Zone 53K
THRC06	468650	6591125	0	-60	60	150	22/06/2004	22/06/2004	Mullina	Talia east 8650E		4.5" RC	KT-9 (10-3)	EL 2842 T	Garmin 12XL (4.5m error) WGS 84 UTM Zone 53K
THRC07	465807	6592035	180	-60	30	150	22/06/2004	22/06/2004	Mullina	Talia west 5800E		4.5" RC	KT-9 (10-3)	EL 2842 T	Garmin 12XL (4.5m error) WGS 84 UTM Zone 53K
THRC08	465796	6591985	181	-60	30	150	22/06/2004	22/06/2004	Mullina	Talia west 5800E		4.5" RC	KT-9 (10-3)	EL 2842 T	Garmin 12XL (4.5m error) WGS 84 UTM Zone 53K
THRC09	465400	6592125	180	-60	96	150	23/06/2004	23/06/2004	Mullina	Talia west 5400E		4.5" RC	KT-9 (10-3)	EL 2842 T	Garmin 12XL (4.5m error) WGS 84 UTM Zone 53K
THRC10	465380	6592165	180	-60	54	150	23/06/2004	23/06/2004	Mullina	Talia west 5400E		4.5" RC	KT-9 (10-3)	EL 2842 T	Garmin 12XL (4.5m error) WGS 84 UTM Zone 53K
THRC11	465400	6592085	180	-60	60	150	24/06/2004	24/06/2004	Mullina	Talia west 5400E	40m south of THRC09	4.5" RC	KT-9 (10-3)	EL 2842 T	Garmin 12XL (4.5m error) WGS 84 UTM Zone 53K
THRC12	465400	6592060	0.5	-60	82	150	24/06/2004	24/06/2004	Mullina	Talia west 5400E		4.5" RC	KT-9 (10-3)	EL 2842 T	Garmin 12XL (4.5m error) WGS 84 UTM Zone 53K
THRC13	465763	6592124	0	-60	72	150	25/06/2004	25/06/2004	Mullina	Talia west 5800E		4.5" RC	KT-9 (10-3)	EL 2842 T	Garmin 12XL (4.5m error) WGS 84 UTM Zone 53K
THRC14	468195	6590975	0	-60	72	150	26/05/2004	26/05/2004	Mullina	Talia east 8200E		4.5" RC	KT-9 (10-3)	EL 2842 T	Garmin 12XL (4.5m error) WGS 84 UTM Zone 53K

APPENDIX 2

Drill Hole Geological Logs

Rockytypes	Code
Mafic	**M**
Gabbro	Mg
Norite	Mn
Troctolite	Mt
Gabbronorite	Mgn
Dolerite/Diabase	Md
Anorthosite	Ma
Magnesian Basalt	Mb
Komatiitic Basalt	Mkb
Basalt	Mba
Intermediate	**I**
Diorite	Id
Andesite	Ia
Trachyte	It
Syenite	Is
Carbonatite	Acb
Felsic	**F**
Granite	Fg
Granodiorite	Fgd
Tonalite	Ft
Rhyolite	Fr
Dacite	Fd
Ultramafic	**U**
Dunite	Ud
Peridotite	Upd
Pyroxenite	Upx

Rockytypes	Code
Metamorphic	**G**
Mafic Gneiss/Amphibolite	Gm
Intermediate Gneiss	Gi
Felsic Gneiss	Gf
paragneiss (prefix)	p
orthogneiss (prefix)	o
schist	Gs
meta (prefix)	m
quartz	q
Sedimentary	**S**
Conglomerate	Sc
Sandstone	Sst
Siltstone	Ssi
Mudstone	Sm
Claystone	Sy
Iron Formations (BIFs)	Sif
Chert	Sct
Limestone	Sl
Dolomite	Sd
Surficial Deposits/Weathe	**C**
/Unconsolidated Cover	
Sand - partly consolidated	Cs
Sand - unconsolidated	Csa
Silt	Csi
Mud	Cm
Clay	Ccy
Evaporites	Ce
Calcrete	Cc
Silcrete	Csl
Gossan	Goss
Ferricrete	Cfe
Ironstone	Ci
Organics - lignite etc	Co
gravel	Cg

Colour	Code
White	wh
Cream	cm
yellow	yl
green	gn
grey	gy
black	bk
tan	tn
pink	pk
purple	pu
brown	bn
blue	b
orange	or
mustard	mu
red	r
pale	pa
light	lt
dark	dk

Weathering	Code
Weakly Weathered	ww
Moderately Weathered	mw
Very Weathered	vw
Structure	**Code**
Weakly Foliated	wf
Moderately Foliated	mf
Strongly Foliated	sf
Brecciated	bx
mylonite	my
massive	ma
Texture	**Code**
Cumulate	cu
Orthocumulate	oc
Mesocumulate	mc
Adcumulate	ac
Spinnifex	sx
harrisite	ha
breccia	bx
igneous layering	il
porphyritic	por

Grainsize	Code
Fine grained	fg
Medium grained	mg
Coarse grained	cg
Pegmatitic	peg

Mineral	Code
Silicates	
Actinolite	ac
Albite	ab
K-feldspar	kf
Amphibole	a
Andalusite	ad
Anthophyllite	an
Biotite	b
Chlorite	c
Clinopyroxene	cpx
Cordierite	co
Diopside	dp
Epidote	ep
Feldspar	fd
Garnet	g
Hornblend	hb
Kaolinite	k
Kyanite	ky
Micas	m
Muscovite	mu
Olivine	o
Orthoclase	or
Orthopyroxene	opx
Plagioclase	p
Pyroxene	px
Quartz	q
Scapolite	sc
Sericite	s
Serpentine	sp
Silicified/silceous	sil
Sillimantite	sl
Staurolite	st
Talc	t
Tourmaline	to
Tremolite	tm

Mineral	Code
Carbonates/Evaporite	
Ankerite	ak
Calcite	ca
Carbonate	cb
Dolomite	d
Magnesite	ms
Limestone	l
Halite	ha
Barite	ba
Gypsum	gy
Oxides	
Chromite	cr
Goethite	gh
Hematite	h
Ilmenite	il
Leucoxene	lx
Limonite	lm
Magnetite	mt
Manganese	mn
Rutile	rt
Oxides	ox

Sulphides	Code
Arsenopyrite	as
Bornite	bn
Chalcosite	cc
Chalcopyrite	cp
Galena	gn
Marcasite	mar
Molybdenite	mo
Pentlandite	pn
Pyrite	py
Pyrrhotite	po
Sphalerite	sh
Sulphides (unspecified)	sul
Violerite	vl
Other Mineralisation	**Code**
Bauxite	bax
Cassiterite	ct
Azurite	az
Malachite	mc

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
THRC01	0	1	r	Csa								aeolian cover
THRC01	1	4	dk r	Cc								cover
THRC01	4	14	r-wh	Ccy	w							clay after wthd basement
THRC01	14	22	pink	oGf	mw			f-m	q-kf			Kenella Gneiss. 0.3-1mm quartz lamellae generated by blastomylonite
THRC01	22	23	grn	Gs	ww	mf		f-m	b-q-fd			biotite rich schist
THRC01	23	26	r-wh	oGf	mw	my			q-fd-b			metagranite with quartz lamellae(blastomylonite)
THRC01	26	28	gn-pu	oGf	ww	my			q-fd			
THRC01	28	42	r-gn	oGf					q-fd			quartz-feldspar (?kspar) rock with q-fd lamellae(mylonite)
THRC01	42	59	r-gn	oGf		my		f-m	q-fd-(b)			as above with biotite
THRC01	59	60	gn	oGf				f	b-q-fd			biotite rich
THRC02	0	1	r	Csa								cover
THRC02	1	5	r-wh	Cc								cover
THRC02	5	8	r-wh	Ccy	w							white clay (after wthd basement) with red ferrugenous mottles
THRC02	8	9	r-wh	Ccy	w							
THRC02	9	12	wh	Ccy	w							
THRC02	12	16	yl	Ccy	w							
THRC02	16	22	yl-bn-r	Ccy	w							
THRC02	22	27	gn	Ccy-M	w							
THRC02	27	33	dk gn-gy	Mba	ww			m	p-c			
THRC02	33	34	lt yl-wh	oGf	mw	sf		f-m	q-f-(b)			?metagranodiorite
THRC02	34	42	lt yl-wh	oGf	ww			f-m	q-f-(b)			
THRC02	42	44	dk gn-gy	oGf				m-c	p-kf-c			
THRC02	44	66	dk gn-gy	oGf		wf-sf		m-c	p-kf-c			coarse grained intermediate gneiss - ?metagranodiorite with cherty blastomylonite and siliceous rock
THRC03	0	1	r	Csa								cover
THRC03	1	4	wh-pk-bn	Cc								cover
THRC03	4	6	wh-pk-bn	Ccy-Cg								cover
THRC03	6	8	r-bn	Cg	w							weathered basement
THRC03	8	17	y-bn	Ccy (?M)	w							clay (afterweathered mafic) with coarse goethitic ironstone fragments, possible gossan in ultramafic
THRC03	17	28	pa cm	Ccy (mF)	mw							clay ?after weathered felsic
THRC03	28	38	pa cm	Ccy, mF	mw							clay after weathered felsic, black ?Mn at 28 m
THRC03	38	46	lt bn	mSst	ww			f-(m)	q-(m)			meta-sandstone
THRC03	46	54	bn	mSst				f-(m)				
THRC04	0	1	r	Csa								
THRC04	1	6	lt r-bn-wh	Cc								
THRC04	6	7	wh-r	Ccy	sw							top of weathered basement
THRC04	7	14	y-bn, gn	Ccy	mw							weathered meta-ultramafic
THRC04	14	18	gn	Ccy, mU-Gs	mw							
THRC04	18	28	y-bn	Ccy, mU-Gs	mw							
THRC04	28	44	gn-bn	mU-Gs	ww							water at 42 m
THRC04	44	58	gn-gy	mU-Gs	ww	sf			c-p			lime green clay (wthd plag) in fine grained schistose rock
THRC04	58	66	dk gn-gy	mU-Gs		sf		f-m	c-p	trace py		
THRC04	66	96	dk gn-gy	mU-Gs		sf		f	p-c-?b			
THRC05	0	1	r	Csa								cover
THRC05	1	4	pa bn	Cc								cover
THRC05	4	8	lt br-bn	Ccy	sw							top of weathered basement
THRC05	8	16	r-bn	Ccy	sw							
THRC05	16	18	pa gn	Ccy	mw							characteristic lime green coloured clay
THRC05	18	32	lt gy	mU-Gs	mw	sf		f				strongly foliated fine meta-ultramafic
THRC05	32	40	lt gy	mU-Gs	ww	sf		f				
THRC05	40	52	lt gy-gn	mU-Gs		sf		f	c-t-?p-?mu			
THRC05	52	54	lt gy-gn	mU-Gs-Fg		sf		f	c-t-?p-?mu			
THRC05	54	60	lt gy-gn	mU-Gs		sf		f	c-t-?p-?mu			

THRC05	60	102	dk gn-gy	mU-Gs		sf	f	c-t-?p-?mu	97-100 m low mag sus
THRC06	0	1	r	Csa					cover
THRC06	1	4	lt bn	Cc					cover
THRC06	4	9	r-bn	Ccy	sw				Top of weathered (?felsic) basement,
THRC06	9	20	pk-wh	Ccy	sw				weathered felsic rock
THRC06	20	38	cm-yl-bn	Ccy	sw				weathered felsic rock
THRC06	38	55	bn-yl	Gf		my	f	q-c-?b	with quartz lamellae (blastomylonite)
THRC06	55	60	dk gy	mGgd		wf	m-c	q-p-c-mt	magnetic, metagranodiorite as in THRC02; wet sample 54-60m
THRC07	0	1	r	Csa					
THRC07	1	3	wh-lt bn	Cc					
THRC07	3	30	lt or	Gf	mw	ma-my	f	q-kf	orange coloured felsic Kenella Gneiss with intervals bearing fine quartz lamellae indicating blastomylonite
THRC08	0	1	r	Csa					
THRC08	1	2	wh	Cc					
THRC08	2	4	wh	Ccy	sw				top of weathered basement
THRC08	4	10	wh	Ccy	sw				with firm fragments of saprock
THRC08	10	20	lt or	Gf	ww		f-m	q-kf	orange coloured felsic Kenella Gneiss with intervals bearing fine quartz lamellae indicating blastomylonite
THRC08	20	30	lt or bn	Gf	ww		f	q-kf-(b)	with thin talcose intervals (10-30 cm) possibly representing ultramafic
THRC09	0	1	r	Csa					
THRC09	1	4	wh-pi	Cc					
THRC09	4	8	wh-pi	Ccy	sw				top of weathered basement
THRC09	8	16	lt gn-wh	Ccy	sw				lower saprolite
THRC09	16	21	lt gn-wh	Ccy-q	sw				
THRC09	21	44	dk gn	Mba	ww		f-(m)		
THRC09	44	46	wh-cm	q		ma-my	vf	q	massive and mylonite lamellae
THRC09	46	62	lt bn	mSst		ma	f	q-(c)	
THRC09	62	92	dk gy-gn	mU		ma-sf	f	p-t-c	with coarse dk green coloured green serpentinite grains
THRC09	92	96	gn-gy	mU-Gs		sf	f	t-c	
THRC10	0	1	r	Csa					
THRC10	1	4	r-wh	Cc					
THRC10	4	10	lt gn	Cc					saprock of meta-ultramafic
THRC10	10	29	lt gn	mU-Gs		sf	vf	t-c	
THRC10	29	32	dk gn	Mba			vf	c-p	
THRC10	32	54	lt gn	mU-Gs		sf		t-c	talc-chlorite schist after ultramafic
THRC11	0	1	r	Csa					
THRC11	1	8	pa gn	Ccy	sw				lime green clay, top of weathered mafic/ultramafic basement
THRC11	8	16	lt gn	Ccy	sw				
THRC11	16	38	lt gn	Ccy-mU	mw		vf	t-c	
THRC11	38	44	dk gn	Mba	ww		f		
THRC11	44	60	lt gn gy	mMba-Gs		sf	vf	c-s	highly strained mafic
THRC12	0	1	r	Csa					
THRC12	1	2	wh	Cc					
THRC12	2	18	lt gn-gy	Ccy	mw	sf	vf	c-s	
THRC12	18	48	lt gn-dk gn	Ccy-mMba	mw		f		
THRC12	48	74	dk gn-gy	mU			vf	t-c	62-66 very magnetic
THRC12	74	82	lt gn	mSsi			f	q-c	
THRC13	0	1	r	Csa					
THRC13	1	3	cm	Cca					transported clay with gypsum
THRC13	3	14	wh	Cca	sw				top of weathered basement
THRC13	14	18	wh-lt bn	Cca	sw				
THRC13	18	30	lt bn-pk	Gf		ma-my	f-(m)	kf-q	Kenella Gneiss, with fine quartz lamellae (blastomylonite)
THRC13	30	47.5	pk	Gf		ma-my	f-(m)	kf-q	Kenella Gneiss, with fine quartz lamellae (blastomylonite)
THRC13	47.5	59	dk gn	mU		sf	f	t-c-?q	sheared ultramafic, intermixed with dark green siliceous rock

THRC13	59	70	dkgn-r	mU-Gm		mf	f-(m)	t-c, q-kf	increasing proportion of quartz and kspar rock
THRC13	70	72	gn-bn-wh	Gm				q-kf-b-c	leucosomes and melanosomes - gneissic texture
THRC14	0	1	r	Csa					
THRC14	1	3	r-bn	Cc					
THRC14	3	9	r-bn	Ccy	sw				top of weathered basement, with goethitic ironstone nodules
THRC14	9	19	dk yl-bn	Ccy, mU-Gs	mw				
THRC14	19	25	lt gn gy	mU-Gs	ww	mf	f	t-c-s	talcose meta-ultramafic schist
THRC14	25	28	dk yl-bn	mU-Gs	ww	mf	f	t-c-s	
THRC14	28	32	dk bn	mU-Gs	ww	mf	f	t-c-s	
THRC14	32	38	bn-gn	mU-Gs		mf	f	t-c	
THRC14	38	58	lt gn-gy	mU-Gs		mf	f	t-c	
THRC14	58	60	dk bn	mSst			f-m	q-p-gh	hard quartz rich rock
THRC14	60	72	lt gn-gy	mSst		mf	f	q	

APPENDIX 3

Drill Hole Sample Magnetic Susceptibility

Hole #	from	to	mag sus
THRC01	0	1	1.83
THRC01	1	2	1.58
THRC01	2	3	1.14
THRC01	3	4	0.53
THRC01	4	5	0.7
THRC01	5	6	0.75
THRC01	6	7	2.13
THRC01	7	8	2
THRC01	8	9	3.91
THRC01	9	10	2.36
THRC01	10	11	5.39
THRC01	11	12	1.76
THRC01	12	13	1.1
THRC01	13	14	0.95
THRC01	14	15	1.08
THRC01	15	16	1.07
THRC01	16	17	1.37
THRC01	17	18	2.68
THRC01	18	19	0.49
THRC01	19	20	0.54
THRC01	20	21	0.81
THRC01	21	22	0.78
THRC01	22	23	0.48
THRC01	23	24	0.27
THRC01	24	25	0.66
THRC01	25	26	1.23
THRC01	26	27	0.81
THRC01	27	28	0.82
THRC01	28	29	1.17
THRC01	29	30	1.28
THRC01	30	31	1.45
THRC01	31	32	0.3
THRC01	32	33	0.78
THRC01	33	34	1.93
THRC01	34	35	0.86
THRC01	35	36	1.11
THRC01	36	37	
THRC01	37	38	
THRC01	38	39	0.99
THRC01	39	40	1.56
THRC01	40	41	1.32
THRC01	41	42	1.34
THRC01	42	43	0.76
THRC01	43	44	0.83
THRC01	44	45	1.56
THRC01	45	46	1.57
THRC01	46	47	1.87
THRC01	47	48	1.56
THRC01	48	49	1.19
THRC01	49	50	0.9
THRC01	50	51	0.77
THRC01	51	52	0.42
THRC01	52	53	0.72
THRC01	53	54	
THRC01	54	55	
THRC01	55	56	1.11
THRC01	56	57	1.11
THRC01	57	58	1.08
THRC01	58	59	0.57
THRC01	59	60	1.2
THRC02	0	1	0.95
THRC02	1	2	0.92
THRC02	2	3	1
THRC02	3	4	1.51
THRC02	4	5	1
THRC02	5	6	1.29
THRC02	6	7	2.53
THRC02	7	8	6.44
THRC02	8	9	29.01
THRC02	9	10	2.1
THRC02	10	11	1.21
THRC02	11	12	0.6
THRC02	12	13	0.46
THRC02	13	14	0.53
THRC02	14	15	0.3
THRC02	15	16	0.27
THRC02	16	17	0.31
THRC02	17	18	0.42
THRC02	18	19	0.99
THRC02	19	20	0.76
THRC02	20	21	1.49
THRC02	21	22	5
THRC02	22	23	3.24
THRC02	23	24	1.61
THRC02	24	25	1.88
THRC02	25	26	2.49
THRC02	26	27	2.45
THRC02	27	28	6.52
THRC02	28	29	6.67
THRC02	29	30	8.84
THRC02	30	31	3.73
THRC02	31	32	4.1
THRC02	32	33	2.56
THRC02	33	34	0.51
THRC02	34	35	0.68
THRC02	35	36	0.67
THRC02	36	37	0.71
THRC02	37	38	0.7
THRC02	38	39	0.75
THRC02	39	40	0.8
THRC02	40	41	0.79
THRC02	41	42	0.86
THRC02	42	43	2.24

THRC02	43	44	2.75
THRC02	44	45	3.94
THRC02	45	46	17.87
THRC02	46	47	17.75
THRC02	47	48	19.02
THRC02	48	49	21.21
THRC02	49	50	16.2
THRC02	50	51	22.61
THRC02	51	52	21
THRC02	52	53	24.4
THRC02	53	54	30.21
THRC02	54	55	26.2
THRC02	55	56	25.41
THRC02	56	57	27.21
THRC02	57	58	23.4
THRC02	58	59	32.81
THRC02	59	60	26.6
THRC02	60	61	28.2
THRC02	61	62	26
THRC02	62	63	26.81
THRC02	63	64	28.4
THRC02	64	65	31.6
THRC02	65	66	35.21
THRC03	0	1	1.08
THRC03	1	2	1.13
THRC03	2	3	1.01
THRC03	3	4	1.3
THRC03	4	5	2.77
THRC03	5	6	2.24
THRC03	6	7	9.93
THRC03	7	8	18.7
THRC03	8	9	5.92
THRC03	9	10	8.69
THRC03	10	11	8.16
THRC03	11	12	9.71
THRC03	12	13	4.65
THRC03	13	14	1.56
THRC03	14	15	2.65
THRC03	15	16	1.82
THRC03	16	17	2.59
THRC03	17	18	0.16
THRC03	18	19	0.32
THRC03	19	20	0.37
THRC03	20	21	0.46
THRC03	21	22	0.21
THRC03	22	23	0.15
THRC03	23	24	0.22
THRC03	24	25	0.37
THRC03	25	26	0.1
THRC03	26	27	0.13
THRC03	27	28	0.1
THRC03	28	29	0.14

THRC03	29	30	0.13
THRC03	30	31	0.84
THRC03	31	32	0.25
THRC03	32	33	0.21
THRC03	33	34	0.2
THRC03	34	35	0.27
THRC03	35	36	0.28
THRC03	36	37	0.45
THRC03	37	38	0.4
THRC03	38	39	0.46
THRC03	39	40	0.47
THRC03	40	41	0.46
THRC03	41	42	0.49
THRC03	42	43	0.69
THRC03	43	44	0.44
THRC03	44	45	0.51
THRC03	45	46	0.5
THRC03	46	47	0.45
THRC03	47	48	0.48
THRC03	48	49	0.38
THRC03	49	50	0.45
THRC03	50	51	0.5
THRC03	51	52	0.49
THRC03	52	53	0.57
THRC03	53	54	0.54
THRC04	0	1	3.05
THRC04	1	2	1.76
THRC04	2	3	8.27
THRC04	3	4	11.38
THRC04	4	5	16.14
THRC04	5	6	8.93
THRC04	6	7	7.48
THRC04	7	8	2.21
THRC04	8	9	7.95
THRC04	9	10	6.5
THRC04	10	11	5.89
THRC04	11	12	4.48
THRC04	12	13	3.67
THRC04	13	14	11.92
THRC04	14	15	12.98
THRC04	15	16	19.45
THRC04	16	17	11.52
THRC04	17	18	6.57
THRC04	18	19	7.23
THRC04	19	20	10.92
THRC04	20	21	9.01
THRC04	21	22	7.12
THRC04	22	23	10.65
THRC04	23	24	11.84
THRC04	24	25	10.22
THRC04	25	26	16.45
THRC04	26	27	16.58

THRC04	27	28	14.23
THRC04	28	29	5.49
THRC04	29	30	1.02
THRC04	30	31	5.79
THRC04	31	32	13.28
THRC04	32	33	7.47
THRC04	33	34	8.92
THRC04	34	35	12.82
THRC04	35	36	9.43
THRC04	36	37	12.36
THRC04	37	38	11.15
THRC04	38	39	15.11
THRC04	39	40	17.02
THRC04	40	41	15.59
THRC04	41	42	11.32
THRC04	42	43	10.55
THRC04	43	44	21.6
THRC04	44	45	16.4
THRC04	45	46	0.59
THRC04	46	47	1
THRC04	47	48	6.73
THRC04	48	49	6.51
THRC04	49	50	2.38
THRC04	50	51	1.17
THRC04	51	52	1.08
THRC04	52	53	19.37
THRC04	53	54	3.98
THRC04	54	55	0.66
THRC04	55	56	0.85
THRC04	56	57	0.7
THRC04	57	58	1.17
THRC04	58	59	2.31
THRC04	59	60	4.28
THRC04	60	61	8.51
THRC04	61	62	3.58
THRC04	62	63	4.94
THRC04	63	64	3.66
THRC04	64	65	7.13
THRC04	65	66	3.44
THRC04	66	67	10.52
THRC04	67	68	12.91
THRC04	68	69	9.74
THRC04	69	70	12.29
THRC04	70	71	11.97
THRC04	71	72	8.32
THRC04	72	73	5.63
THRC04	73	74	8.86
THRC04	74	75	7.59
THRC04	75	76	5.74
THRC04	76	77	7.04
THRC04	77	78	10.65
THRC04	78	79	18.62

THRC04	79	80	12.57
THRC04	80	81	15.09
THRC04	81	82	14.6
THRC04	82	83	19.51
THRC04	83	84	23.8
THRC04	84	85	36.41
THRC04	85	86	23.8
THRC04	86	87	14.06
THRC04	87	88	10.21
THRC04	88	89	16.28
THRC04	89	90	32.21
THRC04	90	91	9.79
THRC04	91	92	12.5
THRC04	92	93	4.65
THRC04	93	94	14.64
THRC04	94	95	19.05
THRC04	95	96	18.92
THRC05	0	1	1.46
THRC05	1	2	1.65
THRC05	2	3	2
THRC05	3	4	1.99
THRC05	4	5	4.35
THRC05	5	6	2.24
THRC05	6	7	1.71
THRC05	7	8	2.42
THRC05	8	9	2.83
THRC05	9	10	1.96
THRC05	10	11	1.3
THRC05	11	12	2.09
THRC05	12	13	2.52
THRC05	13	14	3.03
THRC05	14	15	7.11
THRC05	15	16	4.86
THRC05	16	17	21.21
THRC05	17	18	6.78
THRC05	18	19	12.37
THRC05	19	20	14.58
THRC05	20	21	18.4
THRC05	21	22	12.45
THRC05	22	23	13.26
THRC05	23	24	10.21
THRC05	24	25	9.53
THRC05	25	26	10.14
THRC05	26	27	12.73
THRC05	27	28	10.94
THRC05	28	29	16.93
THRC05	29	30	5.02
THRC05	30	31	1.7
THRC05	31	32	0.41
THRC05	32	33	0.74
THRC05	33	34	3.15
THRC05	34	35	0.53

THRC05	35	36	0.76
THRC05	36	37	3.33
THRC05	37	38	6.16
THRC05	38	39	10.19
THRC05	39	40	14.34
THRC05	40	41	13.76
THRC05	41	42	17.29
THRC05	42	43	13.28
THRC05	43	44	11.77
THRC05	44	45	15.07
THRC05	45	46	15.12
THRC05	46	47	16.19
THRC05	47	48	21.2
THRC05	48	49	19.43
THRC05	49	50	19.68
THRC05	50	51	7.1
THRC05	51	52	12.65
THRC05	52	53	11.9
THRC05	53	54	13.51
THRC05	54	55	15.77
THRC05	55	56	10.72
THRC05	56	57	12.95
THRC05	57	58	13.12
THRC05	58	59	12.13
THRC05	59	60	11.04
THRC05	60	61	2.96
THRC05	61	62	1.57
THRC05	62	63	2.24
THRC05	63	64	1.27
THRC05	64	65	3.79
THRC05	65	66	3.2
THRC05	66	67	2.79
THRC05	67	68	6.9
THRC05	68	69	3.37
THRC05	69	70	2.02
THRC05	70	71	3.12
THRC05	71	72	25.01
THRC05	72	73	14
THRC05	73	74	21.41
THRC05	74	75	27.81
THRC05	75	76	23.2
THRC05	76	77	27.81
THRC05	77	78	36
THRC05	78	79	16.25
THRC05	79	80	19.74
THRC05	80	81	34.2
THRC05	81	82	7.05
THRC05	82	83	18.44
THRC05	83	84	37.61
THRC05	84	85	29.01
THRC05	85	86	26
THRC05	86	87	27.41

THRC05	87	88	31.6
THRC05	88	89	23.2
THRC05	89	90	28.2
THRC05	90	91	29.41
THRC05	91	92	23.6
THRC05	92	93	20
THRC05	93	94	44.21
THRC05	94	95	52.4
THRC05	95	96	46.21
THRC05	96	97	2.93
THRC05	97	98	0.96
THRC05	98	99	0.95
THRC05	99	100	0.9
THRC05	100	101	10.37
THRC05	101	102	26.4
THRC06	0	1	1.08
THRC06	1	2	1.53
THRC06	2	3	1.4
THRC06	3	4	2.19
THRC06	4	5	1.41
THRC06	5	6	1.26
THRC06	6	7	3.65
THRC06	7	8	7.48
THRC06	8	9	3.63
THRC06	9	10	0.2
THRC06	10	11	0.28
THRC06	11	12	0.23
THRC06	12	13	0.16
THRC06	13	14	0.17
THRC06	14	15	0.17
THRC06	15	16	0.2
THRC06	16	17	0.19
THRC06	17	18	0.26
THRC06	18	19	0.21
THRC06	19	20	0.26
THRC06	20	21	0.24
THRC06	21	22	0.27
THRC06	22	23	0.26
THRC06	23	24	0.31
THRC06	24	25	0.25
THRC06	25	26	0.28
THRC06	26	27	0.25
THRC06	27	28	0.14
THRC06	28	29	0.25
THRC06	29	30	0.2
THRC06	30	31	0.18
THRC06	31	32	0.17
THRC06	32	33	0.2
THRC06	33	34	0.25
THRC06	34	35	0.27
THRC06	35	36	0.2
THRC06	36	37	0.21

THRC06	37	38	0.2
THRC06	38	39	0.23
THRC06	39	40	0.38
THRC06	40	41	0.5
THRC06	41	42	0.73
THRC06	42	43	0.64
THRC06	43	44	0.61
THRC06	44	45	0.67
THRC06	45	46	0.64
THRC06	46	47	0.43
THRC06	47	48	1.1
THRC06	48	49	0.85
THRC06	49	50	4.96
THRC06	50	51	1.18
THRC06	51	52	1.29
THRC06	52	53	1
THRC06	53	54	2.21
THRC06	54	55	3.13
THRC06	55	56	1.92
THRC06	56	57	3.47
THRC06	57	58	8.34
THRC06	58	59	10.51
THRC06	59	60	12.62
THRC07	0	1	1.4
THRC07	1	2	1.93
THRC07	2	3	1.08
THRC07	3	4	0.91
THRC07	4	5	1.11
THRC07	5	6	0.44
THRC07	6	7	0.65
THRC07	7	8	0.92
THRC07	8	9	1.27
THRC07	9	10	0.9
THRC07	10	11	0.9
THRC07	11	12	1.01
THRC07	12	13	1.14
THRC07	13	14	1.35
THRC07	14	15	0.87
THRC07	15	16	1.58
THRC07	16	17	1.33
THRC07	17	18	1.66
THRC07	18	19	1.69
THRC07	19	20	1.2
THRC07	20	21	1.28
THRC07	21	22	1.09
THRC07	22	23	1.02
THRC07	23	24	1.07
THRC07	24	25	1.05
THRC07	25	26	0.82
THRC07	26	27	1.43
THRC07	27	28	1.06
THRC07	28	29	0.77

THRC07	29	30	0.38
THRC08	0	1	1.36
THRC08	1	2	0.51
THRC08	2	3	0.16
THRC08	3	4	0.11
THRC08	4	5	0.13
THRC08	5	6	0.14
THRC08	6	7	0.21
THRC08	7	8	0.12
THRC08	8	9	0.19
THRC08	9	10	0.28
THRC08	10	11	0.32
THRC08	11	12	0.53
THRC08	12	13	0.72
THRC08	13	14	0.67
THRC08	14	15	0.49
THRC08	15	16	0.44
THRC08	16	17	0.35
THRC08	17	18	1.54
THRC08	18	19	1.44
THRC08	19	20	1.28
THRC08	20	21	1.53
THRC08	21	22	2.74
THRC08	22	23	3.08
THRC08	23	24	1.95
THRC08	24	25	1.58
THRC08	25	26	3.69
THRC08	26	27	3.67
THRC08	27	28	2.42
THRC08	28	29	0.97
THRC08	29	30	2.7
THRC09	0	1	1.63
THRC09	1	2	1.78
THRC09	2	3	1.46
THRC09	3	4	0.33
THRC09	4	5	0.2
THRC09	5	6	0.31
THRC09	6	7	0.71
THRC09	7	8	0.26
THRC09	8	9	0.27
THRC09	9	10	0.18
THRC09	10	11	0.21
THRC09	11	12	0.22
THRC09	12	13	0.24
THRC09	13	14	0.25
THRC09	14	15	0.24
THRC09	15	16	0.15
THRC09	16	17	0.37
THRC09	17	18	0.18
THRC09	18	19	0.15
THRC09	19	20	0.12
THRC09	20	21	0.27

THRC09	21	22	0.3
THRC09	22	23	0.4
THRC09	23	24	5.31
THRC09	24	25	0.78
THRC09	25	26	0.57
THRC09	26	27	0.39
THRC09	27	28	0.42
THRC09	28	29	0.45
THRC09	29	30	0.5
THRC09	30	31	0.41
THRC09	31	32	0.38
THRC09	32	33	0.44
THRC09	33	34	0.47
THRC09	34	35	0.34
THRC09	35	36	0.39
THRC09	36	37	1.11
THRC09	37	38	2.3
THRC09	38	39	1.67
THRC09	39	40	0.66
THRC09	40	41	0.63
THRC09	41	42	0.52
THRC09	42	43	0.26
THRC09	43	44	0.33
THRC09	44	45	0.26
THRC09	45	46	0.33
THRC09	46	47	0.37
THRC09	47	48	0.4
THRC09	48	49	0.43
THRC09	49	50	0.46
THRC09	50	51	0.29
THRC09	51	52	0.24
THRC09	52	53	0.28
THRC09	53	54	0.33
THRC09	54	55	0.26
THRC09	55	56	0.29
THRC09	56	57	0.31
THRC09	57	58	0.3
THRC09	58	59	0.41
THRC09	59	60	0.56
THRC09	60	61	0.53
THRC09	61	62	8.3
THRC09	62	63	50.6
THRC09	63	64	52.61
THRC09	64	65	434
THRC09	65	66	36.01
THRC09	66	67	1.01
THRC09	67	68	0.58
THRC09	68	69	9.15
THRC09	69	70	2.48
THRC09	70	71	5.35
THRC09	71	72	2.94
THRC09	72	73	2.32

THRC09	73	74	1.99
THRC09	74	75	1.2
THRC09	75	76	1.15
THRC09	76	77	1.13
THRC09	77	78	1.14
THRC09	78	79	0.81
THRC09	79	80	0.64
THRC09	80	81	0.53
THRC09	81	82	0.62
THRC09	82	83	0.52
THRC09	83	84	0.43
THRC09	84	85	0.56
THRC09	85	86	0.59
THRC09	86	87	0.35
THRC09	87	88	0.36
THRC09	88	89	0.57
THRC09	89	90	0.62
THRC09	90	91	0.69
THRC09	91	92	0.44
THRC09	92	93	0.42
THRC09	93	94	0.43
THRC09	94	95	1.6
THRC09	95	96	14.69
THRC10	0	1	1.63
THRC10	1	2	1.42
THRC10	2	3	1.39
THRC10	3	4	1.18
THRC10	4	5	1.19
THRC10	5	6	1.36
THRC10	6	7	1.46
THRC10	7	8	1.43
THRC10	8	9	2.9
THRC10	9	10	1.77
THRC10	10	11	2.21
THRC10	11	12	1.9
THRC10	12	13	0.53
THRC10	13	14	1.18
THRC10	14	15	1.92
THRC10	15	16	1.22
THRC10	16	17	2.89
THRC10	17	18	1.74
THRC10	18	19	1.94
THRC10	19	20	2.05
THRC10	20	21	1.62
THRC10	21	22	1.67
THRC10	22	23	1.13
THRC10	23	24	1.46
THRC10	24	25	0.47
THRC10	25	26	0.2
THRC10	26	27	0.57
THRC10	27	28	1.28
THRC10	28	29	1.36

THRC10	29	30	0.57
THRC10	30	31	0.42
THRC10	31	32	0.77
THRC10	32	33	1.47
THRC10	33	34	1.26
THRC10	34	35	1.81
THRC10	35	36	1.5
THRC10	36	37	1.51
THRC10	37	38	1.8
THRC10	38	39	1.44
THRC10	39	40	1.47
THRC10	40	41	1.12
THRC10	41	42	0.45
THRC10	42	43	0.37
THRC10	43	44	0.22
THRC10	44	45	0.37
THRC10	45	46	0.36
THRC10	46	47	0.33
THRC10	47	48	0.28
THRC10	48	49	0.32
THRC10	49	50	0.43
THRC10	50	51	0.34
THRC10	51	52	0.39
THRC10	52	53	3.29
THRC10	53	54	2.02
THRC11	0	1	2.47
THRC11	1	2	1.62
THRC11	2	3	1.25
THRC11	3	4	1.16
THRC11	4	5	0.54
THRC11	5	6	0.73
THRC11	6	7	0.92
THRC11	7	8	0.41
THRC11	8	9	2.05
THRC11	9	10	2.62
THRC11	10	11	1.23
THRC11	11	12	1
THRC11	12	13	0.65
THRC11	13	14	0.34
THRC11	14	15	0.24
THRC11	15	16	0.43
THRC11	16	17	0.42
THRC11	17	18	0.43
THRC11	18	19	0.47
THRC11	19	20	0.32
THRC11	20	21	0.43
THRC11	21	22	0.4
THRC11	22	23	0.41
THRC11	23	24	0.28
THRC11	24	25	0.76
THRC11	25	26	0.49
THRC11	26	27	0.52

THRC11	27	28	0.53
THRC11	28	29	0.45
THRC11	29	30	0.4
THRC11	30	31	0.35
THRC11	31	32	0.38
THRC11	32	33	0.39
THRC11	33	34	0.42
THRC11	34	35	0.42
THRC11	35	36	0.35
THRC11	36	37	0.36
THRC11	37	38	0.53
THRC11	38	39	0.55
THRC11	39	40	0.46
THRC11	40	41	0.39
THRC11	41	42	0.5
THRC11	42	43	0.57
THRC11	43	44	0.54
THRC11	44	45	0.5
THRC11	45	46	0.39
THRC11	46	47	0.36
THRC11	47	48	0.41
THRC11	48	49	0.43
THRC11	49	50	0.44
THRC11	50	51	0.59
THRC11	51	52	0.44
THRC11	52	53	0.55
THRC11	53	54	0.48
THRC11	54	55	0.44
THRC11	55	56	0.51
THRC11	56	57	0.46
THRC11	57	58	0.45
THRC11	58	59	0.57
THRC11	59	60	0.4
THRC12	0	1	2.91
THRC12	1	2	1.24
THRC12	2	3	1.55
THRC12	3	4	0.46
THRC12	4	5	0.36
THRC12	5	6	0.41
THRC12	6	7	0.54
THRC12	7	8	0.35
THRC12	8	9	0.29
THRC12	9	10	0.36
THRC12	10	11	0.41
THRC12	11	12	0.34
THRC12	12	13	0.47
THRC12	13	14	0.36
THRC12	14	15	0.34
THRC12	15	16	0.39
THRC12	16	17	0.5
THRC12	17	18	0.41
THRC12	18	19	0.39

THRC12	19	20	0.36
THRC12	20	21	0.29
THRC12	21	22	0.4
THRC12	22	23	0.5
THRC12	23	24	0.4
THRC12	24	25	0.41
THRC12	25	26	0.46
THRC12	26	27	0.42
THRC12	27	28	0.41
THRC12	28	29	0.34
THRC12	29	30	0.35
THRC12	30	31	0.23
THRC12	31	32	0.36
THRC12	32	33	0.41
THRC12	33	34	0.44
THRC12	34	35	0.45
THRC12	35	36	0.46
THRC12	36	37	0.38
THRC12	37	38	0.47
THRC12	38	39	0.48
THRC12	39	40	0.57
THRC12	40	41	0.53
THRC12	41	42	0.54
THRC12	42	43	0.37
THRC12	43	44	0.44
THRC12	44	45	0.41
THRC12	45	46	0.4
THRC12	46	47	0.4
THRC12	47	48	0.37
THRC12	48	49	0.48
THRC12	49	50	0.55
THRC12	50	51	0.57
THRC12	51	52	0.64
THRC12	52	53	0.55
THRC12	53	54	0.6
THRC12	54	55	0.61
THRC12	55	56	0.56
THRC12	56	57	0.48
THRC12	57	58	0.49
THRC12	58	59	0.5
THRC12	59	60	0.57
THRC12	60	61	0.57
THRC12	61	62	1.04
THRC12	62	63	7.87
THRC12	63	64	15.46
THRC12	64	65	17.41
THRC12	65	66	3.24
THRC12	66	67	0.84
THRC12	67	68	1.03
THRC12	68	69	1.14
THRC12	69	70	2.67
THRC12	70	71	1.77

THRC12	71	72	101.4
THRC12	72	73	60.01
THRC12	73	74	99.6
THRC12	74	75	27.21
THRC12	75	76	0.76
THRC12	76	77	1.34
THRC12	77	78	0.79
THRC12	78	79	0.54
THRC12	79	80	0.55
THRC12	80	81	0.59
THRC12	81	82	0.56
THRC13	0	1	1.29
THRC13	1	2	0.56
THRC13	2	3	0.43
THRC13	3	4	0.18
THRC13	4	5	0.24
THRC13	5	6	0.03
THRC13	6	7	0.26
THRC13	7	8	0.13
THRC13	8	9	0.03
THRC13	9	10	0
THRC13	10	11	0.15
THRC13	11	12	0.12
THRC13	12	13	0.13
THRC13	13	14	0.18
THRC13	14	15	0.16
THRC13	15	16	0.07
THRC13	16	17	0.14
THRC13	17	18	0.07
THRC13	18	19	0.15
THRC13	19	20	0.1
THRC13	20	21	0.19
THRC13	21	22	0.18
THRC13	22	23	0.23
THRC13	23	24	0.2
THRC13	24	25	0.28
THRC13	25	26	0.25
THRC13	26	27	0.16
THRC13	27	28	0.23
THRC13	28	29	0.35
THRC13	29	30	0.34
THRC13	30	31	0.33
THRC13	31	32	0.58
THRC13	32	33	1.45
THRC13	33	34	0.76
THRC13	34	35	0.32
THRC13	35	36	0.59
THRC13	36	37	0.26
THRC13	37	38	0.33
THRC13	38	39	0.67
THRC13	39	40	0.62
THRC13	40	41	0.55

THRC13	41	42	0.52
THRC13	42	43	0.33
THRC13	43	44	0.58
THRC13	44	45	0.46
THRC13	45	46	0.71
THRC13	46	47	0.66
THRC13	47	48	0.83
THRC13	48	49	0.75
THRC13	49	50	0.46
THRC13	50	51	0.63
THRC13	51	52	1.36
THRC13	52	53	8.97
THRC13	53	54	32.4
THRC13	54	55	17.58
THRC13	55	56	26.61
THRC13	56	57	17.5
THRC13	57	58	5.59
THRC13	58	59	18.95
THRC13	59	60	6.88
THRC13	60	61	5.97
THRC13	61	62	3.18
THRC13	62	63	5.7
THRC13	63	64	12.74
THRC13	64	65	6.69
THRC13	65	66	1.24
THRC13	66	67	3.36
THRC13	67	68	14.81
THRC13	68	69	25.6
THRC13	69	70	14.03
THRC13	70	71	14.19
THRC13	71	72	19.3
THRC14	0	1	1.13
THRC14	1	2	1.04
THRC14	2	3	1.19
THRC14	3	4	1.34
THRC14	4	5	3.76
THRC14	5	6	9.35
THRC14	6	7	19.42
THRC14	7	8	12.87
THRC14	8	9	4.95
THRC14	9	10	6.34
THRC14	10	11	8.87
THRC14	11	12	8.7
THRC14	12	13	9.33
THRC14	13	14	11.86
THRC14	14	15	9.5
THRC14	15	16	17.07
THRC14	16	17	10.56
THRC14	17	18	9.29
THRC14	18	19	1.97
THRC14	19	20	5.8
THRC14	20	21	4.73

THRC14	21	22	7.84
THRC14	22	23	10.55
THRC14	23	24	8.38
THRC14	24	25	9.48
THRC14	25	26	3.59
THRC14	26	27	7.04
THRC14	27	28	4.49
THRC14	28	29	6.71
THRC14	29	30	10.1
THRC14	30	31	7.61
THRC14	31	32	8.18
THRC14	32	33	8.93
THRC14	33	34	12.16
THRC14	34	35	6.98
THRC14	35	36	5.71
THRC14	36	37	4.94
THRC14	37	38	5.67
THRC14	38	39	2.79
THRC14	39	40	2.66
THRC14	40	41	8.33
THRC14	41	42	8.44
THRC14	42	43	4.23
THRC14	43	44	4.86
THRC14	44	45	5.2
THRC14	45	46	3.11
THRC14	46	47	1.26
THRC14	47	48	0.71
THRC14	48	49	3.81
THRC14	49	50	8.46
THRC14	50	51	9.61
THRC14	51	52	8.58
THRC14	52	53	2.95
THRC14	53	54	1.84
THRC14	54	55	6.08
THRC14	55	56	9.05
THRC14	56	57	7.58
THRC14	57	58	0.71
THRC14	58	59	0.85
THRC14	59	60	0.72
THRC14	60	61	0.61
THRC14	61	62	0.52
THRC14	62	63	0.67
THRC14	63	64	0.54
THRC14	64	65	0.54
THRC14	65	66	0.89
THRC14	66	67	0.46
THRC14	67	68	1.37
THRC14	68	69	1.15
THRC14	69	70	1.22
THRC14	70	71	1.17
THRC14	71	72	1.5

APPENDIX 4

Drill Hole Sample Assays

hole	from	to	sample nu	duplicate	standard	comments	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd	Ce	Co	Cr
							ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
							FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
							1	1	5	5	1	1	1	3	5	10	2	10	2	2
THRC01	0	4	543501				1	--	<5	--	<1	--	<1	4	<5	30000	<2	30	10	33
THRC01	4	8	543502				2	--	<5	--	<1	--	<1	6	<5	50100	<2	40	13	49
THRC01	8	12	543503				<1	--	<5	--	<1	--	<1	12	<5	17800	<2	35	19	130
THRC01	12	16	543504				<1	--	<5	--	<1	--	<1	4	<5	7000	<2	<10	9	33
THRC01	16	20	543505				<1	--	<5	--	<1	--	<1	10	<5	10000	<2	105	10	115
THRC01	20	24	543506				<1	--	<5	--	<1	--	<1	6	<5	9900	<2	30	11	29
THRC01	24	28	543507				<1	--	<5	--	<1	--	<1	6	<5	7100	<2	60	13	16
THRC01	28	32	543508				<1	--	<5	--	<1	--	<1	6	<5	6750	<2	120	16	47
THRC01	32	36	543509				<1	--	<5	--	<1	--	<1	6	<5	11300	<2	90	30	29
THRC01	36	40	543510				4	--	<5	--	<1	--	<1	4	<5	18500	<2	65	29	80
THRC01	40	44	543511				<1	--	<5	--	1	--	<1	4	<5	11800	<2	55	14	17
THRC01	44	48	543512				<1	--	<5	--	<1	--	<1	<3	<5	12200	<2	65	13	15
THRC01	48	52	543513				<1	--	<5	--	<1	--	<1	4	<5	7100	<2	45	8	7
THRC01	48	52	543514	543513			<1	--	<5	--	<1	--	<1	4	<5	7400	<2	45	12	9
THRC01	52	56	543515				<1	--	<5	--	<1	--	<1	6	<5	15000	<2	75	18	24
THRC01	56	60	543516				1	--	<5	--	1	--	<1	4	<5	20700	<2	60	17	24
THRC02	0	4	543517				2	--	<5	--	1	--	<1	6	<5	88800	<2	35	10	32
THRC02	4	8	543518				3	--	<5	--	1	--	<1	12	<5	40800	<2	40	14	140
THRC02	8	12	543519				2	--	<5	--	<1	--	<1	26	<5	4300	<2	40	18	310
THRC02	12	16	543520				<1	--	<5	--	1	--	<1	72	<5	2850	<2	95	32	120
THRC02	16	20	543521				<1	--	<5	--	2	--	<1	66	<5	2100	<2	15	92	125
THRC02	20	24	543522				<1	<1	<5	<5	2	1	<1	16	<5	4750	<2	<10	52	125
THRC02	24	28	543523				<1	--	<5	--	<1	--	<1	14	<5	16100	<2	90	64	155
THRC02	28	32	543524				<1	--	<5	--	<1	--	<1	12	<5	36500	<2	25	160	170
THRC02	32	36	543525				<1	--	<5	--	<1	--	<1	16	<5	24900	<2	95	64	76
THRC02	36	40	543526				<1	--	<5	--	<1	--	<1	6	<5	20500	<2	90	32	32
THRC02	40	44	543527				1	--	<5	--	<1	--	<1	8	<5	26600	<2	105	28	43
THRC02	44	48	543528				<1	<1	10	<5	<1	<1	2	<3	<5	36900	<2	90	24	36
THRC02	48	52	543529				<1	--	<5	--	<1	--	<1	4	<5	36400	<2	100	24	36
THRC02	52	56	543530				<1	--	<5	--	<1	--	<1	4	<5	41300	<2	100	27	34
THRC02	56	60	543531				<1	--	<5	--	<1	--	<1	4	<5	41500	<2	95	26	41
THRC02	60	64	543532				<1	--	5	--	<1	--	<1	4	<5	39700	<2	85	24	33
THRC02	64	66	543533				<1	--	<5	--	<1	--	<1	4	<5	40000	<2	90	24	28
THRC02	64	66	543534	543533			<1	--	5	--	<1	--	<1	4	<5	39600	<2	90	24	29

hole	from	to	sample nu	duplicate	standard	comments	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd	Ce	Co	Cr
THRC03	0	4	543535				14	--	<5	--	1	--	<1	4	<5	115000	<2	25	8	40
THRC03	4	8	543536				12	--	5	--	2	--	<1	34	<5	38900	<2	35	40	750
THRC03	8	12	543537				8	10	25	25	13	13	<1	135	<5	15100	<2	10	115	5100
THRC03	12	16	543538				3	--	10	--	8	--	<1	76	<5	6650	<2	<10	60	1350
THRC03	16	20	543539				5	--	5	--	4	--	<1	40	<5	9300	<2	<10	48	450
THRC03	20	24	543540				6	--	5	--	4	--	<1	130	6	700	<2	<10	21	220
THRC03	24	28	543541				<1	--	<5	--	1	--	<1	28	<5	1000	<2	80	24	49
THRC03	28	32	543542				<1	--	15	--	1	--	<1	16	<5	1950	<2	280	92	43
THRC03	32	36	543543				2	--	5	--	<1	--	<1	10	<5	4850	<2	75	54	21
THRC03	36	40	543544				5	--	<5	--	2	--	<1	8	<5	13400	<2	45	23	24
THRC03	40	44	543545				7	--	<5	--	<1	--	<1	6	<5	18100	<2	35	23	19
THRC03	44	48	543546				6	--	<5	--	<1	--	<1	10	<5	9750	<2	35	16	15
THRC03	48	52	543547				6	--	<5	--	<1	--	<1	14	<5	7300	<2	35	17	16
THRC03	52	54	543548				9	8	<5	<5	<1	4	<1	16	<5	17100	<2	40	14	14
THRC03	52	54	543549				8	--	<5	--	<1	--	<1	18	<5	17300	<2	35	14	19
			543550		OREAS44P		69	--	<5	--	1	--	<1	98	12	3100	<2	50	62	1600
THRC04	0	4	543551				4	--	<5	--	1	--	<1	16	<5	54400	<2	30	16	440
THRC04	4	8	543552				6	--	10	--	4	--	<1	38	<5	37500	<2	30	47	1250
THRC04	8	12	543553				4	--	15	--	12	--	<1	76	<5	3550	<2	<10	150	5050
THRC04	12	16	543554				1	--	15	--	8	--	<1	32	<5	9000	<2	<10	155	3800
THRC04	16	20	543555				<1	--	15	--	8	--	<1	4	<5	1850	<2	<10	180	2500
THRC04	20	24	543556				2	--	15	--	8	--	<1	4	<5	11900	<2	<10	370	2400
THRC04	24	28	543557				1	--	15	--	7	--	<1	4	<5	16800	<2	<10	105	2600
THRC04	28	32	543558				11	--	15	--	6	--	<1	<3	<5	7200	<2	<10	115	1350
THRC04	32	36	543559				2	--	5	--	5	--	<1	6	<5	27800	<2	<10	120	1750
THRC04	36	40	543560				22	--	<5	--	5	--	<1	6	<5	34800	<2	<10	140	2850
THRC04	40	44	543561				6	--	5	--	5	--	<1	6	<5	11100	<2	<10	115	5400
THRC04	44	48	543562				18	--	10	--	8	--	<1	<3	<5	8350	<2	20	90	1750
THRC04	48	52	543563				13	--	<5	--	6	--	<1	6	<5	43100	<2	<10	54	1200
THRC04	52	56	543564				15	--	10	--	4	--	<1	4	<5	58100	<2	<10	64	1250
THRC04	56	60	543565				13	--	10	--	5	--	<1	4	<5	61600	<2	<10	86	1150
THRC04	60	64	543566				8	--	5	--	5	--	<1	6	<5	48400	<2	<10	70	1100
THRC04	64	68	543567				14	--	10	--	4	--	<1	<3	<5	39600	<2	<10	72	950
THRC04	68	72	543568			71-84 m w	9	--	10	--	5	--	<1	4	<5	40000	<2	<10	76	1000
THRC04	72	76	543569				9	--	10	--	5	--	<1	4	<5	27100	<2	<10	80	1050
THRC04	76	80	543570				17	--	5	--	6	--	<1	<3	<5	32800	<2	<10	78	1000
THRC04	80	84	543571				3	--	15	--	9	--	<1	<3	<5	27900	<2	<10	82	1200

hole	from	to	sample nu	duplicate	standard	comments	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd	Ce	Co	Cr
THRC04	84	88	543572			84-95 m da	6	--	10	--	8	--	<1	<3	<5	30200	<2	<10	76	1350
THRC04	88	92	543573				3	--	10	--	6	--	<1	<3	<5	32900	<2	<10	78	1250
THRC04	92	96	543574				2	--	10	--	5	--	<1	<3	<5	29500	<2	<10	74	1150
THRC04	92	96	543575	543574		95-96 m w	<1	--	10	--	5	--	<1	<3	<5	30600	<2	<10	78	1150
THRC05	0	4	543576				5	--	<5	--	2	--	<1	16	<5	49700	<2	25	16	370
THRC05	4	8	543577				12	--	10	--	8	--	<1	160	<5	32300	<2	<10	54	3350
THRC05	8	12	543578				7	--	20	--	13	--	<1	145	<5	4050	<2	10	130	6800
THRC05	12	16	543579				3	--	20	--	18	--	<1	56	<5	3200	<2	<10	150	8100
THRC05	16	20	543580				6	4	25	25	13	13	<1	<3	<5	3700	<2	40	600	3900
THRC05	20	24	543581				6	6	10	10	6	6	<1	<3	<5	8600	<2	<10	250	3500
THRC05	24	28	543582				7	--	10	--	6	--	<1	<3	<5	10800	<2	<10	150	4350
THRC05	28	32	543583				8	--	15	--	6	--	<1	4	<5	24600	<2	45	78	1500
THRC05	32	36	543584				2	--	10	--	8	--	<1	4	<5	27200	<2	25	80	1100
THRC05	36	40	543585				13	14	5	10	6	9	<1	<3	<5	28400	<2	15	72	1300
THRC05	40	44	543586				4	--	10	--	8	--	<1	8	<5	22300	<2	<10	90	1500
THRC05	44	48	543587				46	32	15	10	6	4	<1	12	<5	26400	<2	<10	94	1700
THRC05	48	52	543588				2	--	10	--	6	--	<1	10	<5	42100	<2	<10	86	1600
THRC05	52	56	543589				<1	--	10	--	5	--	<1	4	<5	66400	<2	<10	58	1300
THRC05	56	60	543590				<1	--	10	--	5	--	<1	6	<5	47100	<2	<10	50	1100
THRC05	60	64	543591				2	--	15	--	11	--	<1	4	<5	40300	<2	<10	58	800
THRC05	64	68	543592				6	--	5	--	6	--	<1	8	<5	33100	<2	15	52	1150
THRC05	68	72	543593				68	--	15	--	11	--	<1	18	<5	34000	<2	<10	54	900
THRC05	72	76	543594				23	--	10	--	6	--	<1	18	<5	31000	<2	<10	64	1250
THRC05	76	80	543595				45	--	10	--	6	--	<1	10	<5	31500	<2	<10	64	1500
THRC05	80	84	543596				28	--	10	--	6	--	<1	18	<5	28700	<2	<10	62	1250
THRC05	84	88	543597				18	--	10	--	6	--	<1	6	<5	25200	<2	<10	68	1500
THRC05	88	92	543598				25	--	10	--	6	--	<1	6	<5	27300	<2	<10	64	1350
THRC05	92	96	543599				64	--	15	--	8	--	<1	8	<5	38700	<2	<10	66	1200
THRC05	96	100	543600				3	--	5	--	3	--	<1	4	<5	39700	<2	90	45	650
THRC05	100	102	543601				3	--	5	--	6	--	<1	<3	<5	81700	<2	<10	49	800
THRC05	92	96	543602	543599			45	--	10	--	7	--	<1	8	<5	35300	<2	<10	66	1200
			543603		OREAS42P		87	--	<5	--	5	--	<1	110	<5	5400	<2	95	54	900
THRC06	0	4	543604				3	--	<5	--	<1	--	<1	4	<5	74800	<2	35	10	60
THRC06	4	8	543605				4	--	<5	--	3	--	<1	10	<5	68800	<2	35	12	88
THRC06	8	12	543606				1	--	<5	--	2	--	<1	14	<5	5150	<2	40	12	105
THRC06	12	16	543607				<1	--	<5	--	1	--	<1	14	<5	1500	<2	180	18	60
THRC06	16	20	543608				<1	--	<5	--	1	--	<1	18	<5	1400	<2	130	20	72

hole	from	to	sample nu	duplicate	standard	comments	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd	Ce	Co	Cr
THRC06	20	24	543609				<1	--	<5	--	2	--	<1	36	<5	1400	<2	180	37	90
THRC06	24	28	543610				<1	--	<5	--	1	--	<1	16	<5	1050	<2	130	22	110
THRC06	28	32	543611				<1	--	<5	--	2	--	<1	26	<5	1250	<2	220	24	125
THRC06	32	36	543612				<1	--	<5	--	2	--	<1	24	<5	1250	<2	350	23	105
THRC06	36	40	543613				<1	--	<5	--	<1	--	<1	12	<5	4250	<2	195	23	49
THRC06	40	44	543614				<1	--	<5	--	2	--	<1	14	<5	18300	<2	135	29	76
THRC06	44	48	543615				<1	--	<5	--	<1	--	<1	10	<5	19300	<2	100	26	52
THRC06	48	52	543616				<1	--	<5	--	2	--	<1	4	<5	22900	<2	60	19	19
THRC06	52	56	543617				<1	--	<5	--	<1	--	<1	4	<5	35600	<2	135	24	33
THRC06	56	60	543618				1	1	<5	<5	<1	<1	<1	8	<5	38300	<2	110	28	155
THRC07	0	4	543619				<1	--	<5	--	<1	--	<1	8	<5	45700	<2	60	10	23
THRC07	4	8	543620				<1	--	<5	--	<1	--	<1	6	<5	6000	<2	175	14	19
THRC07	8	12	543621				<1	--	<5	--	<1	--	<1	<3	<5	8900	<2	85	17	14
THRC07	12	16	543622				<1	--	<5	--	<1	--	<1	4	<5	10500	<2	80	18	14
THRC07	16	20	543623				<1	--	<5	--	<1	--	<1	4	<5	13100	<2	190	20	19
THRC07	20	24	543624				<1	--	<5	--	<1	--	<1	4	<5	7950	<2	185	16	14
THRC07	24	28	543625				<1	--	<5	--	<1	--	<1	4	<5	8350	<2	90	23	13
THRC07	28	30	543626				<1	--	<5	--	<1	--	<1	4	<5	13500	<2	65	10	<2
THRC08	0	4	543627				1	--	10	--	2	--	<1	8	<5	139000	<2	55	6	18
THRC08	4	8	543628				<1	--	<5	--	2	--	<1	12	<5	8350	<2	290	11	26
THRC08	8	12	543629				<1	--	<5	--	<1	--	<1	6	<5	4750	<2	125	11	41
THRC08	12	16	543630				1	--	<5	--	1	--	<1	6	<5	9100	<2	130	15	56
THRC08	16	20	543631				<1	<1	10	10	2	2	<1	<3	<5	16600	<2	200	72	700
THRC08	20	24	543632				1	--	5	--	3	--	<1	<3	<5	10900	<2	95	58	350
THRC08	24	28	543633				2	--	<5	--	2	--	<1	6	<5	5650	<2	70	31	165
THRC08	28	30	543634				18	--	<5	--	3	--	<1	6	<5	4000	<2	50	39	460
THRC09	0	4	543635				2	2	<5	<5	1	2	<1	4	<5	97500	<2	30	10	50
THRC09	4	8	543636				3	--	<5	--	<1	--	<1	6	<5	11200	<2	25	15	115
THRC09	8	12	543637				<1	--	<5	--	<1	--	<1	10	<5	1300	<2	45	17	54
THRC09	12	16	543638				<1	--	<5	--	<1	--	<1	6	<5	1850	<2	50	16	56
THRC09	16	20	543639				2	--	<5	--	<1	--	<1	8	<5	4000	<2	70	14	47
THRC09	20	24	543640				31	--	5	--	2	--	<1	86	<5	14600	<2	50	54	650
THRC09	24	28	543641				41	39	10	10	6	7	<1	38	<5	30900	<2	<10	54	900
THRC09	28	32	543642				46	47	10	10	7	8	<1	28	<5	28200	<2	<10	56	750
THRC09	32	36	543643				33	--	10	--	7	--	<1	24	<5	39600	<2	<10	45	700
THRC09	36	40	543644				24	--	10	--	6	--	<1	50	<5	29900	<2	<10	62	1150
THRC09	40	44	543645				18	--	5	--	2	--	<1	30	<5	31500	<2	35	36	470

hole	from	to	sample nu	duplicate	standard	comments	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd	Ce	Co	Cr
THRC09	44	48	543646				2	--	<5	--	<1	--	<1	10	<5	12800	<2	40	22	280
THRC09	48	52	543647				9	--	<5	--	2	--	<1	18	<5	21100	<2	30	32	390
THRC09	52	56	543648				2	--	<5	--	<1	--	<1	18	<5	13300	<2	35	15	20
THRC09	56	60	543649				1	2	<5	<5	1	3	<1	24	<5	16300	<2	35	19	140
THRC09	60	64	543650				2	--	<5	--	1	--	<1	24	<5	70600	<2	10	21	490
THRC09	64	68	543651				2	--	10	--	3	--	<1	14	<5	53700	<2	<10	29	750
THRC09	68	72	543652				2	--	10	--	6	--	<1	10	<5	46800	<2	20	47	900
THRC09	72	76	543653				<1	--	5	--	7	--	<1	4	<5	45700	<2	10	48	750
THRC09	76	80	543654				2	--	10	--	11	--	<1	<3	<5	49000	<2	<10	39	300
THRC09	80	84	543655				2	--	15	--	9	--	<1	<3	<5	51100	<2	<10	37	270
THRC09	84	88	543656				<1	--	10	--	9	--	<1	<3	<5	52300	<2	<10	37	270
THRC09	88	92	543657				1	--	10	--	10	--	<1	<3	<5	46000	<2	<10	40	380
THRC09	92	96	543658				6	--	10	--	5	--	<1	<3	<5	57600	<2	<10	56	900
THRC09	92	96	543659	543658			6	--	10	--	6	--	<1	<3	<5	61600	<2	<10	56	900
			543660		OREAS42P		89	--	<5	--	3	--	<1	105	<5	5500	<2	85	56	1050
THRC10	0	4	543661				4	--	<5	--	2	--	<1	8	<5	76700	<2	15	16	250
THRC10	4	8	543662				4	--	5	--	7	--	<1	6	<5	9850	<2	<10	50	2050
THRC10	8	12	543663				4	--	10	--	7	--	<1	240	<5	4450	<2	<10	70	1450
THRC10	12	16	543664				4	--	5	--	6	--	<1	4	<5	33100	<2	<10	76	1300
THRC10	16	20	543665				4	--	5	--	7	--	<1	<3	<5	31700	<2	<10	66	1300
THRC10	20	24	543666				<1	--	10	--	5	--	<1	<3	<5	43300	<2	<10	58	1150
THRC10	24	28	543667				6	--	5	--	5	--	<1	<3	<5	56100	<2	<10	48	900
THRC10	28	32	543668				1	--	10	--	4	--	<1	<3	<5	43500	<2	10	48	600
THRC10	32	36	543669				3	--	10	--	6	--	<1	<3	<5	28500	<2	<10	64	1400
THRC10	36	40	543670				<1	--	5	--	6	--	<1	<3	<5	32300	<2	<10	68	1350
THRC10	40	44	543671				2	--	10	--	6	--	<1	<3	<5	43200	<2	<10	54	950
THRC10	44	48	543672				2	--	10	--	7	--	<1	<3	<5	52300	<2	<10	49	850
THRC10	48	52	543673				27	17	10	10	6	7	<1	<3	<5	51800	<2	<10	56	950
THRC10	52	54	543674				1	--	5	--	5	--	<1	<3	<5	38800	<2	<10	64	1000
THRC11	0	4	543675				3	--	<5	--	2	--	<1	1700	54	5750	<2	70	58	230
THRC11	4	8	543676				<1	--	5	--	7	--	<1	12	<5	10900	<2	40	45	1750
THRC11	8	12	543677				<1	--	<5	--	6	--	<1	20	<5	2750	<2	60	34	1000
THRC11	12	16	543678				1	--	<5	--	3	--	<1	44	<5	1250	<2	15	24	550
THRC11	16	20	543679				<1	--	5	--	4	--	<1	8	<5	17400	<2	85	80	700
THRC11	20	24	543680				2	--	10	--	11	--	<1	4	<5	14200	<2	<10	56	470
THRC11	24	28	543681				2	--	10	--	11	--	<1	4	<5	33900	<2	<10	38	300
THRC11	28	32	543682				<1	--	10	--	10	--	<1	<3	<5	49700	<2	<10	37	250

hole	from	to	sample nu	duplicate	standard	comments	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd	Ce	Co	Cr
THRC11	32	36	543683				1	--	10	--	10	--	<1	<3	<5	43000	<2	<10	36	260
THRC11	36	40	543684				<1	--	15	--	9	--	<1	<3	<5	50200	<2	<10	30	260
THRC11	40	44	543685				3	--	10	--	10	--	<1	4	<5	45100	<2	<10	35	290
THRC11	44	48	543686				2	--	15	--	8	--	<1	<3	<5	41900	<2	<10	50	1050
THRC11	48	52	543687				1	--	10	--	5	--	<1	<3	<5	37600	<2	<10	54	1200
THRC11	52	56	543688				1	--	10	--	6	--	<1	<3	<5	38600	<2	<10	54	1300
THRC11	56	60	543689				<1	1	5	5	7	6	<1	<3	<5	37000	<2	<10	56	1300
THRC11	56	60	543690	543689			<1	--	10	--	10	--	<1	4	<5	37000	<2	<10	56	1250
			543691				95	--	<5	--	5	--	<1	100	<5	5400	<2	85	54	1000
THRC12	0	4	543692				2	--	<5	--	3	--	<1	6	<5	72600	<2	15	26	360
THRC12	4	8	543693				<1	--	10	--	8	--	<1	<3	<5	25900	<2	<10	68	1600
THRC12	8	12	543694				1	--	5	--	5	--	<1	4	<5	33400	<2	<10	62	1150
THRC12	12	16	543695				1	--	10	--	9	--	<1	4	<5	24700	<2	<10	50	600
THRC12	16	20	543696				<1	--	15	--	9	--	<1	<3	<5	29900	<2	<10	42	320
THRC12	20	24	543697				<1	--	15	--	10	--	<1	<3	<5	36600	<2	<10	35	250
THRC12	24	28	543698				1	--	10	--	11	--	<1	4	<5	47700	<2	<10	35	250
THRC12	28	32	543699				<1	--	10	--	10	--	<1	<3	<5	46800	<2	<10	32	240
THRC12	32	36	543700				2	--	15	--	11	--	<1	4	<5	51700	<2	<10	33	250
THRC12	36	40	543701				<1	--	5	--	6	--	<1	<3	<5	53700	<2	<10	42	450
THRC12	40	44	543702				1	--	<5	--	4	--	<1	<3	<5	56600	<2	<10	45	500
THRC12	44	48	543703				<1	--	<5	--	6	--	<1	4	<5	52000	<2	<10	43	550
THRC12	48	52	543704				<1	--	<5	--	5	--	<1	<3	<5	62500	<2	<10	48	550
THRC12	52	56	543705				1	--	10	--	6	--	<1	<3	<5	56000	<2	<10	46	550
THRC12	56	60	543706				<1	--	10	--	10	--	<1	4	<5	47600	<2	<10	47	750
THRC12	60	64	543707				2	--	10	--	9	--	<1	4	<5	38800	<2	35	39	500
THRC12	64	68	543708				3	--	5	--	9	--	<1	12	<5	44200	<2	15	35	550
THRC12	68	72	543709				1	--	<5	--	2	--	<1	18	<5	92700	<2	15	10	185
THRC12	72	76	543710				<1	--	5	--	2	--	<1	12	<5	54000	<2	15	15	300
THRC12	76	80	543711				3	--	<5	--	<1	--	<1	6	<5	28500	<2	40	12	33
THRC12	80	82	543712				1	--	<5	--	<1	--	<1	8	<5	31000	<2	40	12	34
THRC13	0	4	543713				3	--	<5	--	2	--	<1	8	<5	108000	<2	15	5	18
THRC13	4	8	543714				<1	1	<5	<5	<1	<1	<1	6	<5	12400	<2	<10	7	10
THRC13	8	12	543715				1	--	<5	--	<1	--	<1	6	<5	650	<2	115	6	20
THRC13	12	16	543716				<1	--	<5	--	<1	--	<1	4	<5	240	<2	175	8	56
THRC13	16	20	543717				<1	--	<5	--	<1	--	<1	10	<5	260	<2	380	15	88
THRC13	20	24	543718				<1	--	<5	--	1	--	<1	8	<5	3050	<2	270	19	86
THRC13	24	28	543719				<1	--	<5	--	<1	--	<1	10	<5	7300	<2	350	22	135

hole	from	to	sample nu	duplicate	standard	comments	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd	Ce	Co	Cr
THRC13	28	32	543720				<1	--	<5	--	<1	--	<1	6	<5	12000	<2	125	19	41
THRC13	32	36	543721				2	--	<5	--	<1	--	<1	8	<5	9250	<2	110	26	30
THRC13	36	40	543722				1	1	<5	<5	<1	1	<1	4	<5	6150	<2	80	17	13
THRC13	40	44	543723				2	--	<5	--	1	--	<1	4	<5	9050	<2	110	19	25
THRC13	44	48	543724				2	--	<5	--	<1	--	<1	<3	<5	8450	<2	80	10	49
THRC13	48	52	543725				2	--	<5	--	<1	--	<1	4	<5	26000	<2	110	22	320
THRC13	52	54	543726				1	--	<5	--	<1	--	<1	4	<5	23500	<2	100	20	98
THRC13	52	54	543727	543726			1	--	<5	--	<1	--	<1	<3	<5	20300	<2	90	18	72
			543728		OREAS42P		89	--	<5	--	4	--	<1	105	<5	5350	<2	85	70	950
THRC13	54	58	543729				2	1	<5	<5	<1	<1	<1	4	<5	12100	<2	100	17	21
THRC13	58	62	543730				4	8	<5	<5	<1	<1	<1	4	<5	13900	<2	90	15	19
THRC13	62	66	543731				1	--	<5	--	<1	--	<1	<3	<5	9400	<2	85	13	17
THRC13	66	70	543732				2	--	<5	--	1	--	<1	<3	<5	24600	<2	100	24	39
THRC13	70	72	543733				1	--	<5	--	<1	--	<1	4	<5	28700	<2	110	25	42
THRC14	0	4	543734				8	--	<5	--	<1	--	<1	8	<5	107000	<2	25	12	64
THRC14	4	8	543735				8	--	5	--	3	--	<1	26	<5	70500	<2	25	30	1000
THRC14	8	12	543736				14	--	15	--	12	--	<1	58	<5	4150	<2	<10	180	4800
THRC14	12	16	543737				7	--	20	--	11	--	<1	26	<5	8550	<2	<10	90	4100
THRC14	16	20	543738				14	--	25	--	14	--	<1	22	<5	1050	<2	30	600	3500
THRC14	20	24	543739				40	--	15	--	8	--	<1	28	<5	3500	<2	10	650	2850
THRC14	24	28	543740				105	78	5	10	9	8	<1	130	<5	3650	<2	<10	150	3350
THRC14	28	32	543741				33	46	10	10	13	12	<1	650	<5	2850	<2	<10	240	4450
THRC14	32	36	543742				170	140	10	10	10	10	<1	100	<5	6200	<2	<10	200	2750
THRC14	36	40	543743				79	100	10	10	9	9	<1	30	<5	9300	<2	<10	120	2050
THRC14	40	44	543744				57	67	10	10	8	8	<1	28	<5	12700	<2	<10	96	1650
THRC14	44	48	543745				105	85	5	5	8	7	<1	44	<5	10600	<2	<10	78	1400
THRC14	48	52	543746				31	--	10	--	8	--	<1	64	<5	25800	<2	<10	110	1950
THRC14	52	56	543747				90	--	10	10	--	9	<1	52	<5	24500	<2	<10	90	1850
THRC14	56	60	543748				40	--	5	--	3	--	<1	60	6	29000	<2	20	31	650
THRC14	60	64	543749				28	--	<5	--	3	--	<1	38	<5	29500	<2	30	14	130
THRC14	64	68	543750				21	--	<5	--	2	--	<1	20	<5	21100	<2	35	16	76
THRC14	68	72	543751				7	--	<5	--	2	--	<1	14	<5	27100	<2	35	20	130
THRC14	11	12	543752				8	--	25	--	16	--	<1	140	<5	1600	<2	<10	98	6950
THRC14	33	34	543753				140	--	5	--	11	--	<1	66	<5	3650	<2	<10	250	2850

hole	from	to	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
			IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
			2	100	10	10	5	3	10	5	2	5	5	5	2	10	2	2	2	50
THRC01	0	4	43	23100	9300	4200	175	<3	2100	8	17	140	300	<5	90	2750	52	13	43	400
THRC01	4	8	31	31000	9250	6200	195	<3	4800	8	23	130	62	<5	130	3700	82	15	39	700
THRC01	8	12	37	52900	5500	6450	220	6	7800	10	37	125	74	6	125	5000	140	12	29	600
THRC01	12	16	10	23900	11700	3250	66	4	27900	<5	10	30	24	6	175	2250	92	2	14	200
THRC01	16	20	36	38300	26400	3600	64	4	24000	10	14	470	28	6	550	2950	110	4	17	300
THRC01	20	24	42	38900	23400	5250	160	4	27700	8	10	170	32	<5	360	3650	78	3	36	150
THRC01	24	28	31	32700	25800	4600	180	<3	28800	8	5	350	28	<5	490	3850	62	4	36	200
THRC01	28	32	38	45600	31500	6100	310	6	28300	14	19	800	24	8	650	5150	74	19	52	500
THRC01	32	36	54	35500	27000	6950	650	<3	29600	12	23	900	20	<5	320	3900	72	34	68	<50
THRC01	36	40	72	47000	23800	11500	800	4	28100	10	49	900	24	<5	360	4600	100	18	105	<50
THRC01	40	44	22	24400	26700	5100	250	<3	34800	6	13	600	24	<5	310	2450	46	10	49	<50
THRC01	44	48	44	24700	16900	5350	240	4	38000	6	15	600	16	<5	230	2550	48	13	45	<50
THRC01	48	52	14	17600	26700	3500	180	4	34600	<5	12	380	20	<5	170	1600	32	8	30	50
THRC01	48	52	32	17600	24700	3550	170	6	34900	<5	11	390	18	6	185	1600	32	9	35	50
THRC01	52	56	43	35500	25300	8400	420	4	34100	6	28	900	34	<5	270	3050	74	14	76	200
THRC01	56	60	38	33400	32900	8950	430	4	31300	6	36	700	44	6	490	2500	76	14	70	100
THRC02	0	4	28	23200	11200	7250	180	4	6100	6	24	240	20	<5	310	2200	78	14	40	750
THRC02	4	8	31	48000	12200	7150	220	6	7650	8	56	185	24	8	165	3500	140	15	44	750
THRC02	8	12	56	88500	5000	5850	145	8	6950	12	64	210	24	12	280	6050	300	8	32	1050
THRC02	12	16	160	71900	4350	6950	220	4	4750	12	160	380	72	8	120	7000	280	13	220	950
THRC02	16	20	145	120000	6000	5650	600	<3	10500	6	210	200	30	8	115	7500	240	6	300	900
THRC02	20	24	115	105000	7100	5550	600	6	15300	10	90	230	22	6	190	7800	290	5	72	500
THRC02	24	28	165	92000	10200	16000	850	<3	22500	6	120	310	16	<5	390	7150	260	98	105	500
THRC02	28	32	195	95000	9300	28100	1850	<3	18400	<5	160	360	10	8	250	7050	290	68	170	100
THRC02	32	36	82	65600	16700	15400	800	<3	24600	8	120	1100	18	<5	550	5450	170	26	105	100
THRC02	36	40	20	41600	17700	8400	480	4	25500	6	52	1100	14	6	700	4700	105	19	66	50
THRC02	40	44	40	48600	14800	13900	550	<3	26900	8	60	1150	10	<5	650	5200	120	21	74	50
THRC02	44	48	46	40500	14900	17000	550	4	27600	6	40	800	14	<5	750	4700	115	20	76	300
THRC02	48	52	40	40700	17000	17500	550	4	29400	8	35	750	16	<5	700	4600	115	20	60	250
THRC02	52	56	42	44500	14000	19500	650	6	30400	8	39	750	30	6	750	5050	130	21	88	500
THRC02	56	60	38	45100	15200	19400	650	4	32100	6	39	850	12	<5	750	5200	125	20	66	350
THRC02	60	64	56	41200	15300	17600	600	8	28600	6	36	750	10	<5	700	4650	115	19	74	450
THRC02	64	66	41	41900	15300	18200	600	4	29500	6	35	750	18	<5	750	4800	120	18	68	350
THRC02	64	66	34	41200	15400	18200	600	<3	29400	8	35	750	14	6	750	4650	120	18	70	350

hole	from	to	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
THRC03	0	4	33	17200	8900	6650	125	4	3600	<5	37	130	14	<5	310	1500	45	11	25	700
THRC03	4	8	44	91900	8000	7400	230	6	6100	8	320	130	22	8	170	3050	220	15	39	1150
THRC03	8	12	92	210000	2200	5950	650	6	5450	8	1450	130	28	6	94	4350	460	10	92	1700
THRC03	12	16	135	151000	2600	7600	550	4	6350	6	1100	135	24	14	68	7050	460	8	110	1400
THRC03	16	20	115	80200	7250	7750	240	<3	6750	6	550	105	24	6	76	7100	330	6	78	950
THRC03	20	24	88	123000	15100	3850	370	<3	3400	8	340	170	50	8	32	2250	115	5	145	1100
THRC03	24	28	66	51400	13200	8450	600	<3	6600	<5	210	110	40	10	64	2800	54	16	82	500
THRC03	28	32	48	34000	18000	7450	8600	4	13400	6	150	90	200	<5	140	2950	56	13	58	400
THRC03	32	36	37	29500	18300	9400	1150	4	25000	<5	260	280	12	<5	190	2900	43	30	90	100
THRC03	36	40	26	32500	22200	13500	2750	4	20700	<5	250	500	14	<5	260	2550	47	11	82	100
THRC03	40	44	39	30000	16300	9500	1350	<3	32600	<5	60	550	10	6	340	3050	62	8	56	100
THRC03	44	48	26	27600	17600	10800	450	<3	40000	<5	50	600	12	<5	190	2850	50	7	41	<50
THRC03	48	52	18	27400	13200	14100	500	<3	42900	6	38	600	10	<5	120	2750	52	8	27	50
THRC03	52	54	27	23800	18500	7400	400	<3	30400	<5	70	550	18	6	320	2500	48	8	50	<50
THRC03	52	54	22	24400	18700	7300	370	<3	30700	<5	68	500	16	<5	320	2550	48	8	58	<50
			460	324000	12600	4600	750	410	1050	8	480	340	220	30	35	1550	54	13	600	200
THRC04	0	4	45	85800	6750	5500	195	4	5150	6	120	125	16	8	155	2800	210	11	30	300
THRC04	4	8	58	117000	4850	11800	250	<3	6600	6	500	74	22	8	115	3250	290	9	41	550
THRC04	8	12	105	181000	1000	28900	500	<3	6500	<5	2500	32	12	8	54	3850	350	5	125	500
THRC04	12	16	98	142000	800	83400	600	<3	6800	<5	3900	22	6	<5	56	3450	250	6	110	600
THRC04	16	20	72	115000	550	87500	700	<3	5450	<5	3550	12	6	<5	34	2050	150	5	76	350
THRC04	20	24	88	106000	650	124000	2200	<3	6400	<5	3550	18	8	<5	44	2950	160	10	68	500
THRC04	24	28	86	94100	460	117000	850	<3	5050	<5	1950	16	<5	<5	35	2400	145	12	66	350
THRC04	28	32	70	76100	1200	90200	1150	<3	11400	<5	2650	12	6	6	115	2500	98	13	58	200
THRC04	32	36	56	73700	550	93900	1200	<3	5450	<5	1900	8	<5	<5	36	1950	105	15	47	200
THRC04	36	40	58	79900	490	85600	950	<3	5400	<5	2100	8	<5	<5	37	1450	84	9	58	200
THRC04	40	44	34	115000	650	41400	360	<3	5750	<5	3150	6	<5	<5	35	700	52	3	86	450
THRC04	44	48	44	63400	1150	99100	850	<3	7350	<5	2050	340	<5	<5	86	1900	80	8	44	200
THRC04	48	52	38	46200	350	133000	550	<3	4200	<5	1200	42	<5	<5	39	1250	82	7	41	250
THRC04	52	56	72	49600	410	126000	550	<3	4800	<5	1150	54	<5	<5	56	1450	92	6	44	250
THRC04	56	60	56	53200	600	129000	850	<3	6000	<5	1100	38	<5	<5	70	1200	76	5	50	350
THRC04	60	64	54	59400	700	139000	1000	<3	5350	<5	1050	50	<5	<5	60	1550	92	6	56	800
THRC04	64	68	58	53400	600	140000	850	<3	5700	<5	1000	62	<5	<5	66	1300	88	5	41	1350
THRC04	68	72	66	59300	650	148000	900	<3	6800	<5	1000	115	<5	<5	84	1550	98	7	41	1900
THRC04	72	76	58	63300	850	153000	1050	<3	5700	<5	1050	88	<5	<5	50	1700	105	7	68	1750
THRC04	76	80	56	60500	600	159000	950	<3	6000	<5	1150	78	<5	<5	54	1500	92	6	50	1500
THRC04	80	84	23	67600	1500	163000	900	<3	5350	<5	1000	110	<5	6	48	2300	140	9	44	850

hole	from	to	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
THRC04	84	88	49	63800	550	145000	950	<3	5950	<5	850	86	<5	<5	47	1900	120	7	47	1200
THRC04	88	92	33	62500	350	148000	900	<3	5200	<5	950	68	<5	<5	56	1800	115	7	58	1450
THRC04	92	96	27	58500	700	154000	900	<3	5850	<5	1050	68	<5	<5	64	1350	86	6	49	950
THRC04	92	96	22	59700	600	158000	900	<3	5800	<5	1100	66	<5	<5	64	1350	88	6	52	1000
THRC05	0	4	21	40200	7450	7950	170	4	3400	6	125	110	10	<5	125	2000	74	11	29	350
THRC05	4	8	66	180000	1550	8300	145	<3	4700	<5	750	70	18	8	98	2450	220	5	41	400
THRC05	8	12	74	244000	850	8050	260	<3	4350	6	1550	48	16	10	60	2650	280	5	90	550
THRC05	12	16	84	202000	550	22000	360	<3	6050	<5	3200	26	12	<5	68	2400	195	4	125	650
THRC05	16	20	80	110000	650	94200	2800	<3	7200	<5	4000	10	6	<5	56	2350	155	4	100	350
THRC05	20	24	60	94000	600	97300	1000	<3	5850	<5	2700	18	<5	<5	36	1950	130	10	72	350
THRC05	24	28	36	91600	700	78800	1600	<3	6800	<5	2450	10	<5	<5	43	1600	115	6	88	500
THRC05	28	32	88	69300	2600	72400	900	<3	15400	6	1650	40	<5	<5	340	3450	92	20	52	250
THRC05	32	36	12	66000	1900	93700	1200	<3	18300	<5	1150	180	<5	<5	230	3500	110	13	76	150
THRC05	36	40	44	69200	850	127000	950	<3	8150	<5	1300	210	<5	<5	37	3400	120	11	43	100
THRC05	40	44	72	67500	700	115000	1150	<3	6300	<5	1300	105	<5	<5	44	1900	105	7	50	200
THRC05	44	48	62	73600	490	114000	1050	<3	5700	<5	1000	76	<5	<5	36	2000	120	6	50	200
THRC05	48	52	64	67900	500	107000	950	<3	5500	<5	1050	52	<5	<5	43	1500	100	6	52	200
THRC05	52	56	38	55900	550	126000	900	<3	6100	<5	1000	36	28	<5	50	1250	82	4	110	250
THRC05	56	60	41	58000	300	132000	850	<3	4150	<5	800	60	6	<5	43	1350	88	4	64	100
THRC05	60	64	32	74500	2350	91600	1000	<3	17100	<5	470	94	6	6	50	2450	150	7	52	150
THRC05	64	68	64	59000	3550	125000	850	<3	13000	<5	750	92	8	<5	49	2000	96	5	68	1900
THRC05	68	72	90	67300	5550	114000	1000	<3	14100	<5	600	170	8	<5	54	2300	155	8	56	2500
THRC05	72	76	43	60900	700	167000	900	<3	3600	<5	1100	92	<5	<5	42	1500	96	4	45	1050
THRC05	76	80	52	61400	550	160000	900	<3	5450	<5	1100	80	<5	<5	41	1400	96	4	43	1500
THRC05	80	84	37	61400	650	157000	950	<3	3700	<5	1000	60	<5	<5	36	1400	94	4	54	1500
THRC05	84	88	52	64900	260	169000	1000	<3	3500	<5	1050	68	<5	<5	30	1350	98	4	52	1900
THRC05	88	92	48	62100	330	170000	1000	<3	3500	<5	1100	58	<5	<5	38	1350	94	4	46	1800
THRC05	92	96	62	63900	380	171000	1000	<3	3700	<5	1100	84	8	<5	66	1550	100	4	52	3550
THRC05	96	100	72	54200	8100	108000	1050	<3	16200	8	500	1100	10	<5	450	3800	105	9	56	400
THRC05	100	102	52	48500	650	124000	1750	<3	3800	<5	850	115	<5	<5	92	1300	84	5	50	1450
THRC05	92	96	70	64600	370	174000	950	<3	3650	<5	1100	82	<5	<5	66	1600	105	5	52	3700
			380	85400	23300	6250	360	8	1400	10	460	320	150	14	47	3100	88	15	600	200
THRC06	0	4	28	24500	9900	7450	195	<3	4350	6	42	155	12	<5	195	2150	68	10	34	600
THRC06	4	8	28	38900	10100	7600	165	4	5350	8	47	115	16	<5	140	2400	100	12	27	850
THRC06	8	12	19	27700	3550	4400	70	4	5350	8	64	195	16	<5	90	4200	130	9	16	1350
THRC06	12	16	74	14300	850	3600	38	<3	4050	12	62	850	28	6	210	8300	110	39	50	450
THRC06	16	20	38	34600	1050	5600	98	<3	4500	10	105	420	22	<5	120	6000	98	19	74	450

hole	from	to	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
THRC06	20	24	74	57700	2050	6200	260	<3	4650	10	145	550	28	8	140	5500	120	22	135	650
THRC06	24	28	49	36400	6800	6450	220	<3	4050	6	88	180	12	6	66	4450	82	11	140	450
THRC06	28	32	72	43200	20100	6300	260	<3	4350	12	120	195	36	6	82	4100	68	27	135	400
THRC06	32	36	56	35700	34400	7250	230	<3	4250	14	105	290	66	6	120	3700	60	64	150	250
THRC06	36	40	38	20400	42400	5700	270	4	10100	14	64	300	54	<5	160	2600	52	68	105	150
THRC06	40	44	19	33400	31900	10900	600	<3	28900	14	86	1300	38	<5	350	3000	68	16	68	<50
THRC06	44	48	44	37900	29000	9450	550	4	27400	8	76	800	34	<5	300	3250	90	13	76	50
THRC06	48	52	32	32100	16000	7850	390	<3	33500	6	54	700	18	<5	370	3000	70	9	62	50
THRC06	52	56	52	42700	22800	15200	700	6	30100	14	50	1050	46	<5	650	4750	115	17	78	250
THRC06	56	60	37	46300	19400	30300	650	<3	28400	6	140	900	18	<5	650	4350	115	15	68	650
THRC07	0	4	22	26800	7100	5450	155	<3	6450	6	19	175	8	<5	210	2100	78	8	34	4000
THRC07	4	8	45	50400	20400	2650	110	<3	24100	6	18	240	18	<5	450	3550	100	12	29	1250
THRC07	8	12	46	49500	20600	3600	135	4	26000	8	15	135	20	<5	550	4150	94	12	37	250
THRC07	12	16	38	52700	21200	3650	135	<3	28200	6	19	220	18	8	700	4300	105	12	38	250
THRC07	16	20	56	51900	17400	6400	230	<3	33200	10	25	1250	20	6	1600	5350	120	29	62	500
THRC07	20	24	43	39600	26000	4350	380	<3	29000	8	22	360	22	6	650	3950	84	20	41	200
THRC07	24	28	50	31600	25200	4750	450	<3	30000	6	33	400	20	<5	320	2850	72	19	64	250
THRC07	28	30	20	21700	25800	2700	230	<3	29900	<5	19	190	16	<5	390	1900	52	7	37	350
THRC08	0	4	7	10500	4550	8600	62	<3	3150	<5	16	98	8	<5	330	1450	86	7	19	45100
THRC08	4	8	22	7750	15600	2000	42	<3	3150	8	11	185	16	<5	98	5250	165	25	13	950
THRC08	8	12	31	34600	30500	2500	92	4	20800	6	42	190	30	6	360	3050	96	14	25	900
THRC08	12	16	32	53100	24000	4650	175	<3	28900	8	44	220	26	<5	500	4250	130	16	46	250
THRC08	16	20	44	63700	9300	44000	1700	<3	20800	<5	370	750	16	<5	420	3600	105	58	155	200
THRC08	20	24	64	56600	20200	29800	1850	<3	23700	6	340	1300	14	6	360	4450	145	17	105	100
THRC08	24	28	38	45900	21600	15700	700	<3	24800	6	96	1000	18	<5	370	4350	160	17	66	100
THRC08	28	30	78	57400	17600	36700	1200	<3	13400	<5	175	1100	14	<5	165	4150	175	17	98	100
THRC09	0	4	33	20500	5100	6950	155	4	1250	<5	46	96	12	<5	135	1900	82	11	31	350
THRC09	4	8	52	51600	5450	5250	92	6	3200	6	84	130	14	8	54	3450	200	6	35	450
THRC09	8	12	64	56800	12900	3800	74	4	10300	8	92	145	12	6	72	3200	76	7	56	400
THRC09	12	16	56	34700	19000	3750	72	<3	17100	6	90	96	10	<5	210	3150	64	7	62	450
THRC09	16	20	54	19500	16100	2900	54	<3	28800	6	78	110	12	6	200	2400	49	14	52	250
THRC09	20	24	33	46000	8200	56600	550	<3	15300	<5	550	110	10	<5	135	1950	82	33	66	100
THRC09	24	28	58	62800	700	78700	1350	<3	13600	<5	700	110	8	<5	54	2550	150	13	54	100
THRC09	28	32	74	66900	750	77800	1200	<3	14600	<5	600	145	8	6	60	2800	155	12	60	50
THRC09	32	36	82	62600	850	78100	1150	<3	14700	<5	380	150	8	<5	56	2700	170	11	48	<50
THRC09	36	40	46	58400	390	112000	800	<3	4950	<5	800	96	<5	<5	14	1750	125	7	49	<50
THRC09	40	44	98	53700	10500	50100	1100	<3	16400	<5	310	300	12	<5	96	2950	115	15	86	50

hole	from	to	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
THRC09	44	48	78	34500	19800	25400	460	<3	19300	6	200	120	24	<5	74	1500	58	16	56	100
THRC09	48	52	47	45400	10200	36300	650	<3	23300	<5	290	480	6	<5	240	2900	100	14	80	100
THRC09	52	56	31	30000	22800	6800	320	<3	33400	6	31	700	12	<5	400	2850	56	9	50	100
THRC09	56	60	30	33700	19500	19300	500	4	29700	<5	120	550	12	6	380	2450	64	9	42	200
THRC09	60	64	16	104000	3900	52200	2100	<3	4300	<5	240	200	6	8	62	1100	58	6	32	1100
THRC09	64	68	42	124000	2300	64800	1300	<3	4450	<5	360	200	<5	8	56	1200	74	6	32	750
THRC09	68	72	58	57600	5800	87200	950	<3	8700	<5	490	450	6	<5	125	2500	125	10	60	1600
THRC09	72	76	58	61700	2400	84700	1050	<3	15700	<5	450	200	<5	<5	94	2600	150	11	52	350
THRC09	76	80	96	64100	2050	50900	1100	<3	25300	<5	160	175	8	<5	110	3050	185	12	64	850
THRC09	80	84	100	63500	2150	46500	1150	4	26000	<5	120	165	<5	<5	115	3100	190	12	62	650
THRC09	84	88	86	62200	2600	46500	1100	<3	26300	<5	125	160	<5	<5	125	2950	185	12	60	450
THRC09	88	92	98	63200	2600	58500	1050	<3	24100	<5	180	155	<5	<5	115	2950	185	12	68	400
THRC09	92	96	82	61400	900	114000	1150	<3	5900	<5	700	115	<5	<5	42	2200	130	9	52	400
THRC09	92	96	76	60800	800	115000	1150	<3	5550	<5	700	98	<5	<5	48	2000	120	9	54	450
			400	85300	23400	6150	350	8	1350	12	460	330	150	14	49	3250	90	19	600	200
THRC10	0	4	58	27100	4200	21000	240	6	2400	<5	220	68	<5	<5	155	1550	66	8	22	400
THRC10	4	8	34	77200	750	79100	650	<3	6100	<5	1000	16	<5	<5	340	2050	82	5	58	650
THRC10	8	12	66	92200	170	105000	700	<3	4100	<5	1900	60	<5	8	16	700	210	7	45	350
THRC10	12	16	29	65500	150	126000	1200	<3	7850	<5	1250	80	<5	<5	29	1750	105	14	58	300
THRC10	16	20	56	63000	190	112000	950	<3	8750	<5	950	92	<5	<5	29	1800	105	7	56	200
THRC10	20	24	24	58000	240	103000	900	<3	8800	<5	750	94	<5	<5	34	1700	105	8	54	100
THRC10	24	28	42	53500	430	93400	850	<3	9200	<5	550	96	<5	<5	38	1800	100	8	48	150
THRC10	28	32	42	62100	550	70700	1100	<3	24100	<5	420	220	<5	<5	54	2850	145	12	42	50
THRC10	32	36	38	58400	120	134000	850	<3	5300	<5	1000	96	<5	<5	30	1750	115	6	52	50
THRC10	36	40	48	63600	110	140000	1000	<3	4650	<5	1000	82	<5	<5	16	1750	115	7	54	<50
THRC10	40	44	45	60500	370	103000	1000	<3	9650	<5	700	135	<5	<5	35	2050	110	8	58	50
THRC10	44	48	35	61200	700	87400	950	<3	13300	<5	440	135	<5	<5	39	2400	140	9	60	50
THRC10	48	52	23	64200	600	95600	950	<3	12700	<5	600	120	<5	<5	32	2300	140	9	58	50
THRC10	52	54	43	61500	125	131000	1000	<3	3850	<5	850	115	<5	6	13	2000	130	8	46	<50
THRC11	0	4	195	74400	17100	8300	1250	18	950	8	125	550	160	96	86	3200	110	25	165	4400
THRC11	4	8	31	79300	1250	45000	350	<3	6800	6	650	68	10	6	74	2450	120	9	38	900
THRC11	8	12	52	88700	7400	36200	370	<3	11100	<5	430	140	14	6	100	2600	140	33	39	600
THRC11	12	16	66	63700	12100	16500	360	4	11500	<5	210	66	14	8	56	2750	94	5	41	300
THRC11	16	20	140	83600	1100	39900	1600	<3	19600	<5	550	210	8	<5	115	4800	150	47	84	200
THRC11	20	24	90	75700	800	35700	1700	<3	25100	<5	500	180	6	12	96	3350	140	20	84	150
THRC11	24	28	100	62600	1400	36400	1300	<3	25500	<5	155	180	<5	<5	115	2900	140	12	64	250
THRC11	28	32	92	58900	1250	41600	1250	<3	22800	<5	115	150	6	<5	120	2750	165	11	60	100

hole	from	to	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
THRC11	32	36	74	62900	1300	45500	1200	<3	23100	<5	120	155	6	<5	110	2800	165	12	66	100
THRC11	36	40	94	59400	1150	45200	950	<3	24900	<5	115	145	6	<5	92	2750	190	12	68	<50
THRC11	40	44	100	65000	850	51700	1100	<3	27100	<5	130	160	6	6	100	3000	190	13	90	<50
THRC11	44	48	68	64900	230	104000	1150	<3	10400	<5	550	125	<5	6	31	2350	150	10	62	<50
THRC11	48	52	110	61200	210	107000	1000	<3	6100	<5	600	94	<5	<5	15	1850	125	8	56	<50
THRC11	52	56	41	61800	220	110000	1050	<3	7050	<5	650	115	8	<5	12	1900	135	8	60	<50
THRC11	56	60	64	65200	220	114000	1100	<3	6300	<5	650	100	6	<5	12	2000	145	8	64	<50
THRC11	56	60	70	65600	220	116000	1050	<3	6150	<5	650	105	6	<5	12	1950	145	8	49	<50
			400	83400	23700	6350	360	12	1300	10	460	320	145	20	49	3000	88	20	600	200
THRC12	0	4	14	33200	3800	32000	450	4	3950	<5	320	60	8	<5	450	1550	86	12	37	1250
THRC12	4	8	72	65500	430	88700	1150	<3	9450	<5	950	52	6	<5	72	2100	135	15	62	250
THRC12	8	12	28	53400	145	110000	950	<3	5800	<5	1050	18	<5	<5	18	1400	84	13	49	100
THRC12	12	16	98	66300	750	51600	1250	<3	23600	<5	600	145	<5	6	88	2750	140	19	78	100
THRC12	16	20	70	68500	1400	33300	1550	<3	25600	<5	300	175	<5	<5	135	3150	145	15	68	150
THRC12	20	24	80	61800	1400	36800	1200	<3	25500	<5	145	170	<5	6	120	2850	140	12	70	100
THRC12	24	28	90	61000	900	41100	1250	<3	23700	<5	115	160	<5	<5	120	2850	150	12	64	50
THRC12	28	32	82	59800	1200	41000	1100	<3	24000	<5	115	160	<5	<5	115	2750	150	12	58	100
THRC12	32	36	88	61300	950	44100	1100	<3	23600	<5	120	140	<5	<5	120	2800	175	12	74	100
THRC12	36	40	84	66200	550	60400	1200	<3	20400	<5	210	165	8	8	62	3200	175	12	70	50
THRC12	40	44	64	69600	460	61700	1200	<3	13300	<5	280	210	<5	<5	56	4050	155	13	92	100
THRC12	44	48	82	65900	500	58300	1200	<3	15700	<5	270	210	<5	6	58	3850	140	12	78	400
THRC12	48	52	94	69800	550	64700	1250	<3	15200	<5	290	220	<5	6	49	4100	180	13	78	<50
THRC12	52	56	90	69300	550	67600	1250	<3	17900	<5	270	210	6	<5	60	3800	180	13	72	150
THRC12	56	60	43	63000	410	82700	1150	<3	17400	<5	360	180	8	<5	46	2650	165	11	60	50
THRC12	60	64	72	58400	3400	75700	900	<3	17300	<5	320	650	8	<5	145	3500	145	16	66	850
THRC12	64	68	48	65600	5700	70800	1100	<3	13700	<5	280	320	12	<5	105	2600	150	12	60	400
THRC12	68	72	3	110000	5700	33200	2150	<3	1600	<5	94	220	6	6	62	900	34	6	26	950
THRC12	72	76	16	110000	7250	34400	1400	<3	10700	<5	170	250	<5	8	125	1250	54	7	49	1000
THRC12	76	80	26	27500	21100	10100	500	8	34800	<5	29	500	14	<5	440	2450	54	8	60	350
THRC12	80	82	23	26600	16900	11800	550	4	35400	<5	34	490	16	<5	440	2300	50	8	70	250
THRC13	0	4	<2	9750	3950	13100	64	4	2950	<5	18	82	6	<5	370	1400	52	5	16	31500
THRC13	4	8	22	4350	2200	900	24	4	2050	8	5	74	16	<5	60	3900	98	<2	4	7350
THRC13	8	12	<2	6800	3550	370	32	4	1500	8	3	330	96	<5	180	3750	80	2	<2	2050
THRC13	12	16	20	17400	3100	600	24	<3	1950	10	10	210	48	<5	70	4650	80	9	14	1400
THRC13	16	20	35	51300	10300	3950	94	4	2250	10	37	380	32	6	56	5000	160	24	62	700
THRC13	20	24	38	60500	18600	5550	110	<3	14200	8	72	340	28	<5	290	3800	105	20	105	350
THRC13	24	28	48	59800	20500	6950	140	4	25700	8	84	800	46	<5	1100	3600	115	48	115	450

hole	from	to	Cu	Fe	K	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S
THRC13	28	32	27	32900	22100	6400	210	<3	29200	8	46	750	26	<5	900	3100	78	33	72	200
THRC13	32	36	28	32800	25500	5550	250	<3	26700	8	39	1000	24	<5	480	3250	72	28	74	100
THRC13	36	40	16	23600	29900	3250	140	<3	28600	6	37	280	18	<5	280	1950	56	15	44	50
THRC13	40	44	32	28000	20100	4800	150	<3	32100	6	41	700	22	<5	320	2950	62	15	37	50
THRC13	44	48	<2	19600	6350	8900	200	<3	27200	<5	43	550	28	<5	220	1700	40	9	21	<50
THRC13	48	52	8	45100	6700	51400	600	<3	31200	<5	130	800	10	<5	170	2450	98	15	35	50
THRC13	52	54	8	35600	2150	23300	350	<3	47000	<5	52	750	<5	<5	280	3500	78	15	13	300
THRC13	52	54	18	34800	1650	18300	290	<3	46600	<5	40	750	6	<5	260	3450	74	15	22	350
			400	80700	23700	6300	370	6	1400	12	470	330	145	14	48	3050	86	19	550	200
THRC13	54	58	5	28600	1050	16500	175	<3	45200	6	20	750	8	<5	175	2600	58	10	34	150
THRC13	58	62	7	25000	1800	16200	145	<3	46000	<5	15	700	6	<5	250	2250	48	10	12	200
THRC13	62	66	4	21800	850	21100	130	<3	47400	<5	17	700	6	<5	155	1950	50	10	11	100
THRC13	66	70	11	34900	3700	17600	290	4	42100	6	27	850	10	<5	410	3600	84	16	25	900
THRC13	70	72	12	31700	4300	14400	290	<3	40700	<5	37	900	10	<5	650	3300	64	14	17	1250
THRC14	0	4	7	22600	8050	6950	150	<3	4250	<5	49	140	12	<5	270	1800	56	11	28	550
THRC14	4	8	36	111000	5000	7300	210	<3	5750	8	270	94	18	<5	180	2650	260	10	35	550
THRC14	8	12	115	186000	1400	16000	430	<3	7050	8	2100	62	14	<5	50	3850	300	6	58	850
THRC14	12	16	90	178000	1500	7150	550	<3	5050	8	1200	66	10	<5	49	4450	280	5	46	850
THRC14	16	20	105	142000	650	34100	2950	<3	7200	<5	2350	38	14	<5	39	4050	220	5	72	700
THRC14	20	24	52	104000	800	81500	4150	<3	6950	<5	3300	30	10	<5	46	2000	125	10	66	450
THRC14	24	28	56	118000	700	87000	1100	<3	6700	<5	2900	48	8	<5	35	2000	145	12	62	550
THRC14	28	32	17	160000	650	82800	1450	<3	7350	<5	3200	94	10	<5	38	2050	200	16	88	700
THRC14	32	36	6	129000	800	82500	2050	<3	7050	<5	2700	88	8	<5	42	1900	160	10	66	400
THRC14	36	40	52	79300	650	105000	2400	<3	6950	<5	2100	44	<5	<5	38	1950	115	7	56	250
THRC14	40	44	30	66600	340	135000	2150	<3	4150	<5	1150	46	<5	<5	27	1600	115	6	60	150
THRC14	44	48	14	73600	650	121000	1900	<3	4400	<5	950	66	<5	<5	24	1350	98	9	56	150
THRC14	48	52	35	82700	480	108000	3000	<3	4900	<5	1350	72	<5	<5	34	1600	145	8	66	200
THRC14	52	56	40	72600	400	126000	1750	<3	4400	<5	1150	94	<5	<5	23	1400	125	5	60	250
THRC14	56	60	64	96200	6300	39000	4200	<3	6650	<5	500	300	8	<5	54	1350	78	11	60	350
THRC14	60	64	28	66600	18400	15900	2850	<3	8100	6	110	350	12	<5	88	1500	56	12	56	400
THRC14	64	68	60	37500	17600	12800	1250	<3	29700	<5	76	550	22	<5	240	2500	60	10	80	250
THRC14	68	72	29	35700	14100	18200	1450	<3	28300	<5	110	550	10	<5	240	2300	52	9	56	350
THRC14	11	12	130	243000	700	7900	550	<3	5200	8	1800	86	12	<5	40	3950	280	3	84	1350
THRC14	33	34	39	118000	800	92300	1950	<3	6900	<5	2600	54	6	<5	37	2200	145	7	68	400

MITHRIL

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TALIA HILL PROJECT
EXPLORATION LICENCE 2842

ANNUAL TECHNICAL REPORT

For the Period

19th September 2004 to 18th September 2005

Jim McKinnon-Matthews
Chief Geologist

MAP REFERENCE:
TARCOOLA 1:250K SG53-10

Distribution: PIRSA
BHPB
Mithril

9 November, 2005

SUMMARY

The annual period ending 18th September 2004 marks the fourth year of exploration over the Talia Hill Project - Exploration Licence 2842.

In September and December 2004 Mithril Resources completed 53 drill holes on Exploration Licence 2842 as part of Primary Industries and Resources S.A. 'PACE Theme 2' collaborative drilling program.

The drilling tested the development of nickel enrichment in the weathering profile of the Harris greenstone belt in the Gawler Craton, first recognised in Mithril's exploration in June 2004 at the Mullina Prospect, located approximately 15 km southeast of Tarcoola.

Drilling was also conducted at two other untested portions of the Harris greenstone belt, the Mullina West target and the Moolkra target.

At the Mullina prospect, the drilling delineated nickel enrichment over a 900 m west-east strike length and 150 m north-south width, with nickel above 1500 ppm and reaching up to 7000 ppm (in three metre composite drill samples) in a zone central to holes THAC029 and THAC026.

Harris Komatiite was intersected at the Mullina West Prospect and metapyroxenite and metagabbro was intersected at Moolkra.

A ground EM survey was completed over the nickel enrichment zone at the Mullina prospect and a steeply dipping moderate to late time conductor with a strike length of >400m and a moderate easterly plunge was identified. This conductor will be drill tested in the next reporting period.

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INTRODUCTION

Mithril Resources Ltd has been exploring Exploration Licence 2842 – Talia Hill Project in a joint venture with BHPBilliton. The licence renewal in September 2005 marks the commencement of its fifth year of tenure. The project is located within the Harris Greenstone Belt (HGB) approximately 800km northwest of Adelaide near the town of Tarcoola in South Australia. The project consists of one tenement (EL 2842) which covers approximately 620 square kilometres

In the previous reporting period Mithril Resources drilled fourteen reverse circulation drill holes over the Gawler Craton's Harris greenstone belt, including five at the Mullina Prospect to test a surface nickel anomaly detected by sampling magnetic lag. Geochemical assays from this drilling at Mullina showed nickel up to 4000 ppm in the weathering profile of the Harris Komatiite at 'Line 8200mE'. Cobalt and iron had similar dispersion trends in the weathering profile suggesting that the nickel anomalism originated from a proximal (but as yet undetected) sulphidic source.

The aims of September-December 2004 follow up drilling, collaboratively funded by PIRSA as part of the PACE Theme 2' was to further delineate this subsurface supergene nickel-iron/chalcophile enrichment with the intention of developing exploration vectors which point towards nickel sulphide mineralisation. The holes were planned to test 200 m spaced north-south traverses across the west-east trending greenstone belt.

PREVIOUS EXPLORATION

The Mullina Well area has been explored for gold by Pima and the larger area of the Harris Greenstone Domain was subject to a major drilling program by PIRSA.
A review of this published open file data by Mithril Resources indicated that nickel enrichment in the weathering profile of high magnesia, magnetic ultramafic bodies in the greenstone belt was detected during these programs but not recognised for their potential significance as a geochemical sampling medium.

PIMA Mullina Well, 1996 to 1998 (Open File Envelope 9413)
Although there are over 200 drill holes in and around the areas targeted in this proposal, there was no sampling for nickel or other chacophile elements in the weathering profile and hence this data is of limited use for nickel exploration or the investigation of surficial or near surface sampling techniques.
Elevated nickel was encountered in end of hole samples from MA 2, 4, 7, 161, 162, sited over the interpreted southern margin of the Harris Komatiite.

PIRSA Mullina Well 2001, 2002 (Report Books 2002/29, 2002/11)
Four PIRSA drill holes (summarised below in Table 1) intersected supergene enrichment associated with an ultramafic body, sited 400 m east of Line 8200.

Table 1. Summary of PIRSA drilling at Mullina

TARDD92	enrichment at 6-12m	1950 ppm Ni, 290 ppm Co, 14% Fe, 67 ppm Cu, 200 ppm V also with elevated chromium 1950 ppm
TRADD90	enrichment at 8-14m	1450 ppm Ni, 105 ppm Co, 10.3 % Fe , also with elevated chromium 1650 ppm
TAR 119	enrichment at 18-24m	1250 ppm Ni, 89 ppm Co, 7.7 % Fe, 125ppm V, 10.4% MgO also with elevated chromium 1750ppm

TAR 120	enrichment at 20-26m	950 ppm Ni, 97 ppm Co, 9% Mg, 7.4% Fe, 1350 Mn, 145 ppm V. also with elevated chromium 1400 ppm Cr

PREVIOUS MITHRIL EXPLORATION EL2842

Magnetic Lag Sampling

As part of Mithril's earlier exploration on EL 2842 magnetic lag was sampled over selected aeromagnetic anomalies in the greenstone belt. Nickel anomalism in these samples was detected at the Mullina Prospect where weathered basement is between 3 and 6 metres depth. This led to drilling above this geochemical anomaly.

Mullina Prospect Drilling

Reverse circulation drilling of the magnetic lag nickel anomalies at the Mullina Prospect in June 2004 revealed elevated levels of nickel in the top 30 m of the weathering profile with associated chalcophile element enrichment (see summary table below).

Drill hole	Easting (MGA UTM Zone 53)	Northing	Nickel (average)	from to(m)	interval (m)	Other indicator elements
THRC04	468200	6590895	2730 ppm Including: 3900 ppm	8-48 12-16	40 4	150 ppm Co 2950 ppm Cr
THRC14	468195	6590975	2740 ppm	16-40	24	290 ppm Co 3110 ppm Cr
THRC05	468195	6590945	3090 ppm including: 4000 ppm	12-28 16-20	16 4	320 ppm Co 5330 ppm Cr

MITHRIL EXPLORATION 2004/05

Drilling

Mithril's drilling program commenced in late September 2004 with the drilling of 23 holes (THAC15 to THRC37) totalling 711 m. Titeline Drilling was contracted to drill the planned drill traverses using the air-core drill method, however drilling difficulties led to expensive chargeable down time and prompted the change to the reverse circulation drill method. After drilling 20 holes at the Mullina Prospect and three holes at the Mullina West prospect, the program was temporarily halted due to persistent mechanical problems.

In December 2004, the whole program was completed by Bullion Drilling with the drilling of 30 air-core holes totalling 1368 m, including the final 10 holes at Mullina West and 13 holes at Moolkra. In response to the encouraging results from the September drilling seven more holes were completed at Mullina.

Drillhole and Prospect locations can be found in figure 1.

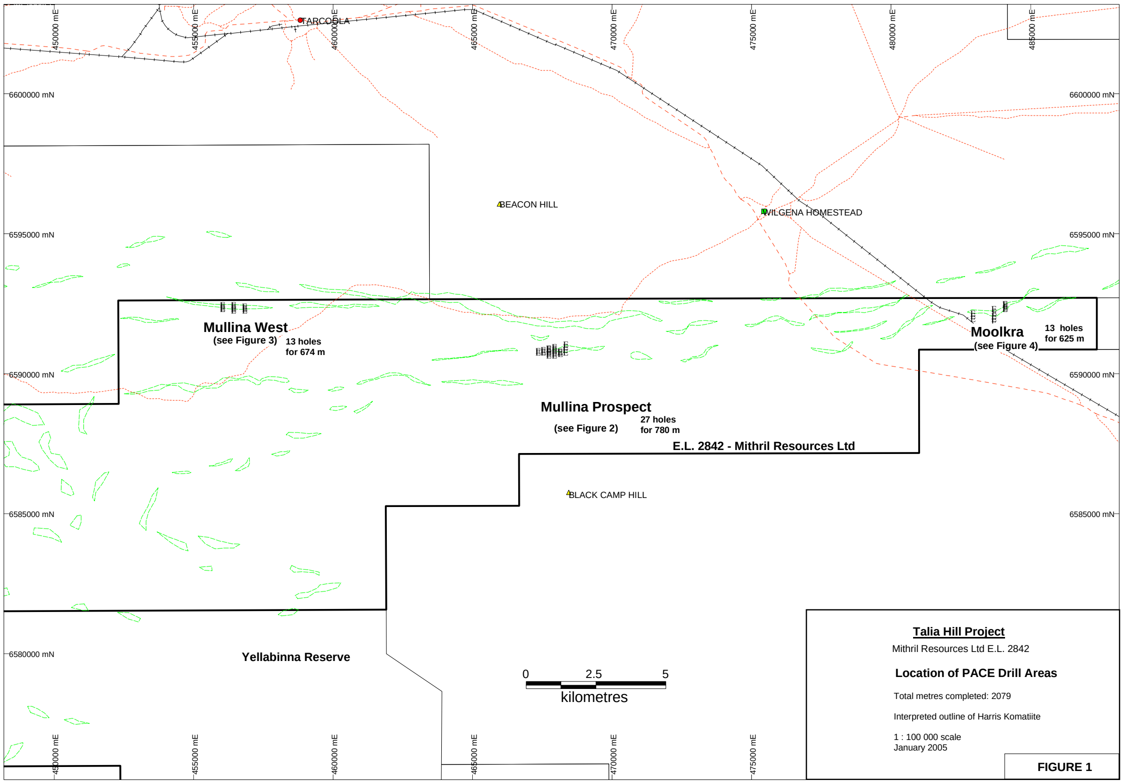

Figure 1:Location of Propects on Talia Hill Project

Access

The Mullina Prospect and the Moolkra target are within Wilgena Station and the Mullina West target is within Mulgathing Station. Access to all drill sites was via established station tracks and temporary cross-country wheel tyre marked tracks. At the Mullina Prospect blue bush scrub was cleared between and around drill sites and has been partially rehabilitated to permit access further exploration by Mithril. All other drill sites and access tracks have since been rehabilitated.

Sampling method

Location of drill sites was surveyed using a Garmin 12XL stand-alone GPS with an estimated position error of 4 metres (maximum). GDA94 coordinates were obtained using WGS84 datum.

For both the RC and the air core drilling drill chips were collected over each metre and placed on the ground in rows for geological logging, geochemical sampling and measuring magnetic susceptibility. A trowel was used to collect 2.5 kg three metre composite samples.

Samples were sent to Amdel laboratories in Adelaide for analysis for the following elements (detection limit in brackets):

Ag(1 ppm)	As(3 ppm)	Bi(5 ppm)	Ca(10 ppm)
Cd(5 ppm)	Ce(10 ppm)	Co(2 ppm)	Cr(2 ppm)
Cu(2 ppm)	Fe(100 ppm)	K(10 ppm)	Mg(10 ppm)
Mn(5 ppm)	Mo(3 ppm)	Na(5 ppm)	Nb(5 ppm)
Ni(2 ppm)	P(10 ppm)	Pb(5 ppm)	Sb(10 ppm)

S(50 ppm)		Ti(10 ppm)		V(2 ppm)		Y(2 ppm)
Zn(2 ppm). Using HF/milti acid digest and ICPOES (“IC3E”). Range is to 1% except Fe(30%), Ca(5%), Mg(2%), P(2%), Mn(2%), K(1%).
and;
Au(1 ppb) Pt(5 ppb) Pt(1 ppb) Using lead fire assay, aqua regia digest and ICPOES finish (“FA3E”).

Drill collar data, geological logs, drill sample assay data and a petrology report is presented in appendicies 2, 3, 4, and 5 respectively

Results of Drilling Program

Drilling was conducted over three prospect areas targeting magnetic stratigraphy and in the case of the Mullina Prospect anomalous nickel geochemistry in the regolith over komatiitic rocktypes. Locations of the drill holes completed can be found in figures 2, 3 and 4 (Mullina, Mullina West and Moolkra Prospects respectively). Drill collar locations, drill logs and drill assay results can be found in Appendicies 2, 3 and 4 respectively.

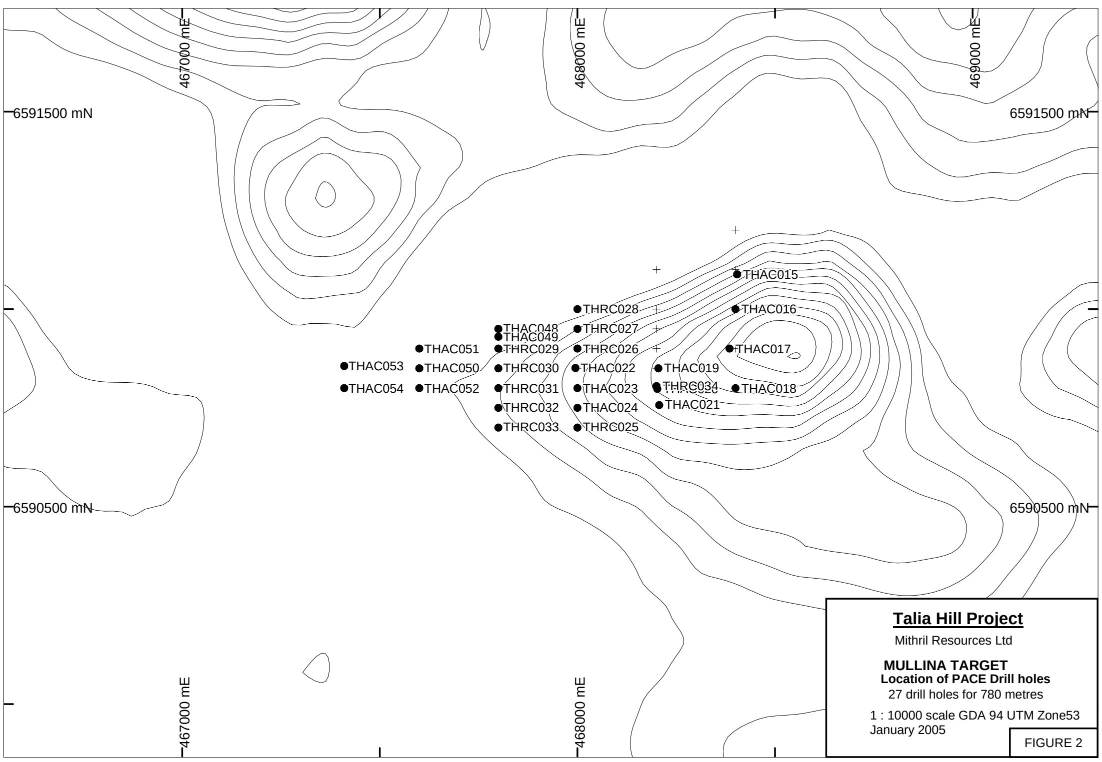

Figure 2:Drillhole locations, Mullina Project

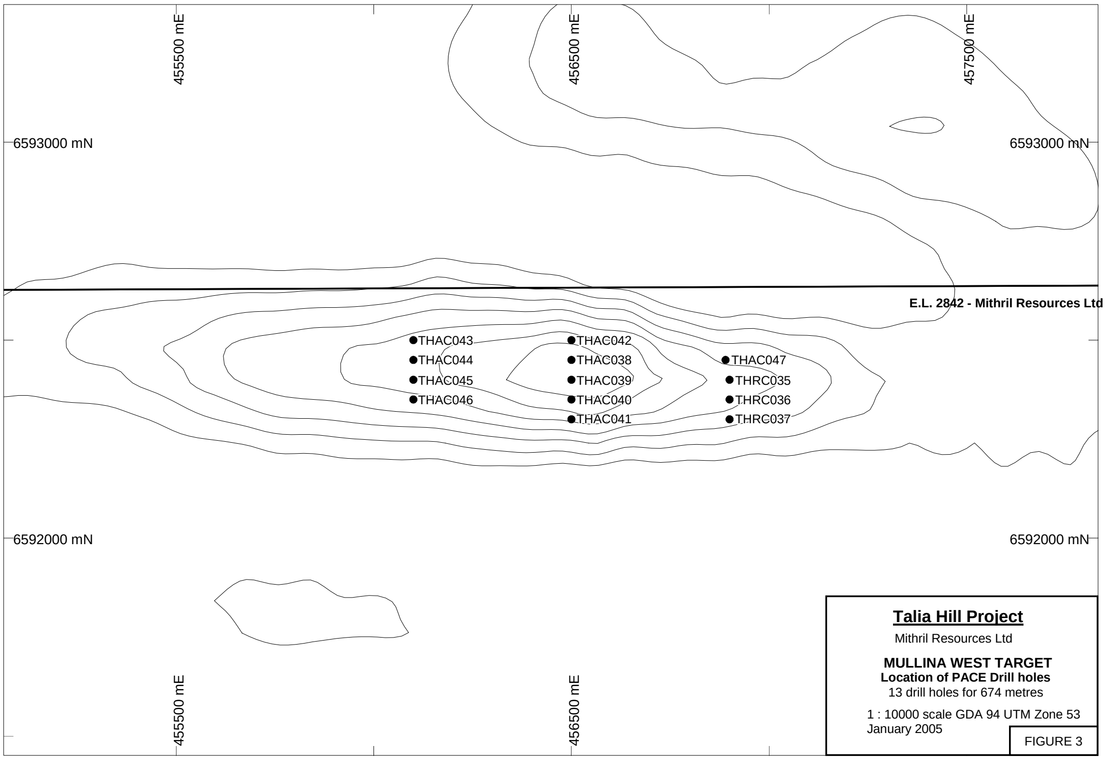

Figure 3:Drillhole locations Mullina West.

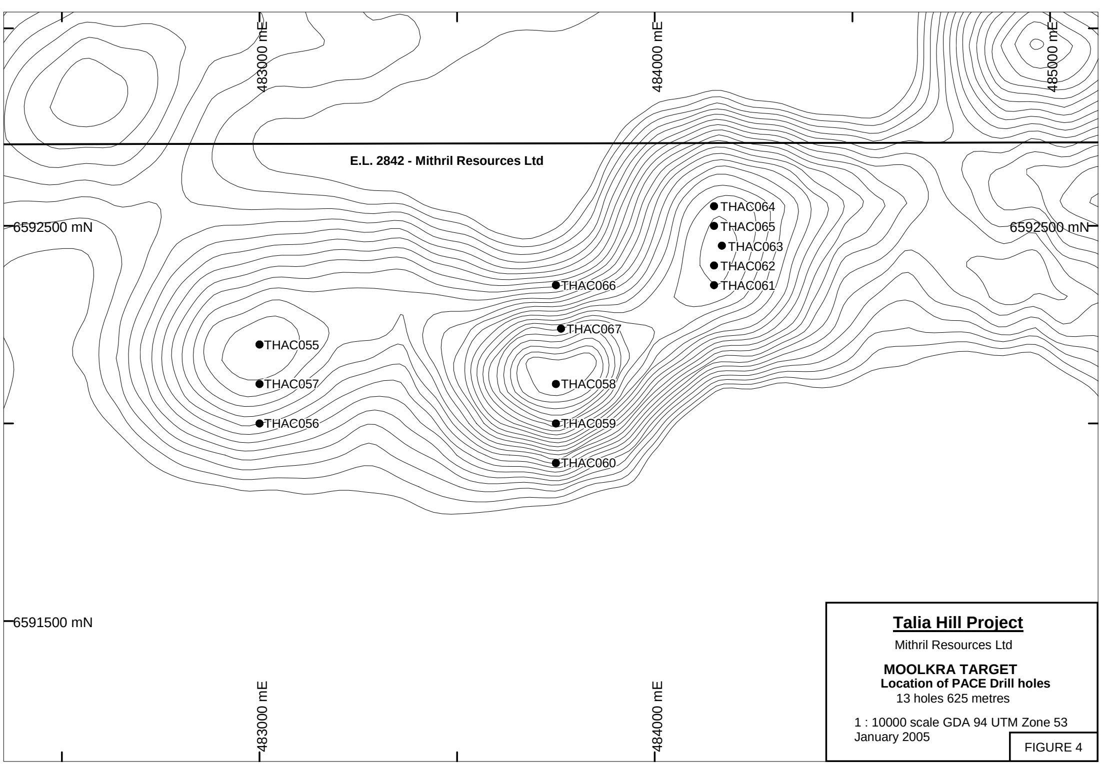

Figure 4:Drillhole locations, Moolkra.

Cover in the Mullina area comprises a 10 to 40 cm thick layer of silty sand overlying 2-4 metres of calcrete, silcrete, clay and gypsum.

In the Mullina West area, silty sedimentary clay reaches 30 metres in thickness, with the top of weathered basement ranging between 30 to 35 m depth.

At the Moolkra Target, cover included silty aeolian sand, calcrete, silcrete clayey coarse sand and clayey sandstone (possibly Algebuckinna Formation). Depth to top of weathered basement ranged from 46 metres the western most drill traverse to 9 m along the eastern most traverse.

The thickness of cover at Mullina West and Moolkra was shallower than expected. This meant that better drill target coverage was achieved by increasing the number of holes whilst still keeping within the aims of the drill program and within the limits of the budget.

Harris Greenstone Belt Rock Types

In the Mullina and Mullina West targets the Harris greenstone belt comprises fine grained metakomatiite (comprising predominantly tremolite-chlorite assemblages, with or without serpentine and talc) and mafic amphibolites (after magnesian basalts).

In the Moolkra target (figure 4), the magnetic feature interpreted as the eastern extension of the greenstone belt was shown to comprise coarse grained actinolite rich rock, possibly after a meta-pyroxenite, and coarse grained actinolite plagioclase gabbroic rock. No high MgO ultramafic rocks were intersected.

Petrological thin sections of drill chips have been described by Pontifex and Associates (see Appendix 4) for holes THAC045, THAC039 (both from Mullina West), THAC052, THAC029 (both from Mullina), THAC058 and THAC067 (from Moolkra). These descriptions can be found in Appendix 6.

Nickel Mineralisation and Geochemistry

Drilling revealed anomalously elevated levels of nickel mineralisation in the Harris Komatiite at the Mullina Prospect including THRC026 from 3 m, 33m @ 4490 ppm Ni (average), THRC029 from 6 m, 31m @ 3950 ppm Ni (average). A summary of some of the anomalous assays are contained in Table 2

Drill hole	Easting	Northing	Average assay	from to(m)	interval (m)
	(MGA UTM Zone 53)				
THRC026	468000	6590900	4490 ppm Ni, 365 ppm Co Including: 7000 ppm Ni 6000 ppm Ni 683 ppm Co	3 - 36 6 – 9 18 – 21 12 - 21	33 3 3 9
THRC029	467800	6590900	3950 ppm Ni Including: 6450 ppm Ni 360 ppm Co	6 – 37 21 – 24 21 - 24	31 3 3
			190 ppb Au, 30 ppb Pt	24 - 27	3
THRC024	468000	6590750	510 ppb Au	27 - 30	3
THRC031	467800	6590800	270 ppm Cu	36 - 37	1

Table 2: Note: Holes are vertical. 2000 ppm Ni cut-off for averaged nickel averaging.

Supergene Dispersion

A cross section showing nickel contours have been drawn to more clearly show distribution and dispersion trends of nickel in the weathering profile (figure 5). Assay values of iron, nickel and cobalt are plotted along the trace of the hole. These elements show similar degrees of enrichment as nickel. This enrichment shows the nickel dispersion coming to a focus along the northern margin of the Harris Komatiite near THRC026 and THRC029.

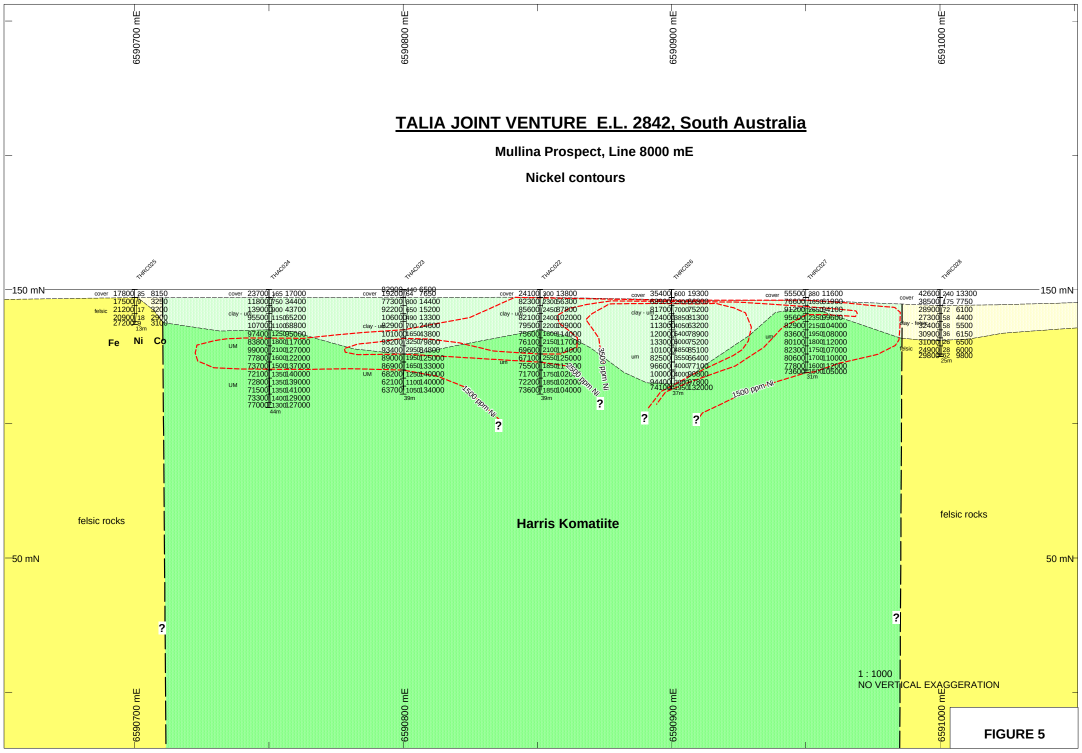

Figure 5:Cross section, 8000E.

GROUND EM SURVEY

As a result of geochemical anomalism from the drilling program at Mullina Prospect, a moving loop TEM survey was performed over the prospect to determine if any bedrock conductors, caused by Ni-mineralisation might be present.

Initially four lines of TEM were planned. Specifications for the survey were as follows:

Contractor:Solo Geophysics
Loop Size:200m x 200m
Loop Move:100m
Stations50m
Component:Z
Frequency:30 Channels Composite Time
Gains:1,10

As the survey progressed, three additional lines were added to the planned work. Figure 6 shows the location of the moving loop survey with respect to the aeromagnetic data. A single fixed loop was also performed.

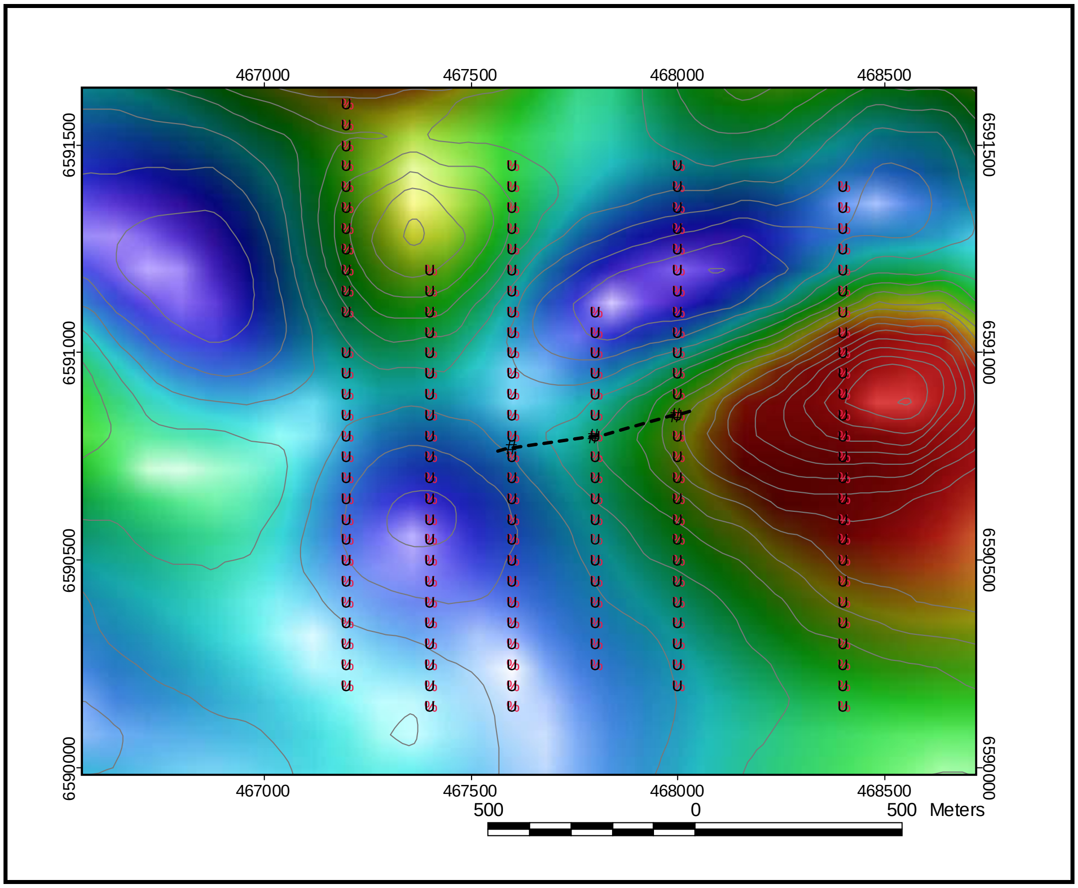

Figure 6: **Mullina Moving Loop Survey station locations on 1VD RTP Aeromagnetics and conductor location.**

The moving loop data from Line 467600E showed a classic M-shaped anomaly at later time. This is directly below an early time high. This anomaly could also be recognised on lines 467800E, 468000E. The location of the anomaly is shown in figure 6 and is beneath the geochemical anomalism detected in the drilling. The M-shape is indicative of a steeply dipping narrow body. The moving loop data has a Tau = 1.5 msec and suggests a body >400m in length with a shallow easterly plunge component. A detailed report of the moving loop and fixed loop survey is contained in Appendix 6 and all data (digital) is in Appendix 7.

SUMMARY/CONCLUSIONS

Drilling at the Mullina Prospect has identified a nickel (plus other chalcophile elements). dispersion zone at the Mullina Prospect. This anomalism occurs between 4 and 40 metres depth and extends approximately 900 m east-west and 150 m north-south. A ground EM survey completed over this zone has identified a significant bedrock conductor with a strike extent of >400m and a dip and plunge component. This conductor will be drilled in the next reporting period.

Appendix 1

Tenement Expenditure

ITEM	EXPENDITURE
Annual lease rental	2765
Drilling (RC/Aircore)	31346
Assays/geochem	15492
Geophysics (Ground EM)	34777
Rehabilitation	1303
Field Expenses	5926
Travelling Expenses	910
Vehicle Costs	4647
Freight	84
Petrology	684
Communications	959
Computing Costs	700
Salaries	55546
Administration	20885
Total	**176022**

Appendix 2

Drill Collar Data

HOLE NAME	EASTING (GDA)	NORTHING (GDA)	AZIMUTH (grid North)	Dip	Final depth	Elevation	Date drilled	Target	Drill method
	metres	metres	degrees	degrees	metres	metres			
THAC015	468404	6591088	360	-90	51	150	30/09/2004	Mullina	air core
THAC016	468400	6591000	360	-90	39	150	30/09/2004	Mullina	air core
THAC017	468385	6590900	360	-90	15	150	1/10/2004	Mullina	air core
THAC018	468400	6590800	360	-90	18	150	1/10/2004	Mullina	air core
THAC019	468205	6590850	360	-90	27	150	1/10/2004	Mullina	air core
THAC020	468202	6590798	360	-90	15	150	1/10/2004	Mullina	air core
THAC021	468207	6590757	360	-80	33	150	2/10/2004	Mullina	air core
THAC022	467995	6590851	360	-90	39	150	2/10/2004	Mullina	air core
THAC023	468000	6590800	360	-90	39	150	2/10/2004	Mullina	air core
THAC024	468000	6590750	360	-90	44	150	3/10/2004	Mullina	air core
THRC025	468000	6590700	360	-90	13	150	4/10/2004	Mullina	"4"" RC"
THRC026	468000	6590900	360	-90	37	150	5/10/2004	Mullina	"4"" RC"
THRC027	468000	6590950	360	-90	31	150	5/10/2004	Mullina	"4"" RC"
THRC028	468000	6591000	360	-90	25	150	5/10/2004	Mullina	"4"" RC"
THRC029	467800	6590900	360	-90	37	150	5/10/2004	Mullina	"4"" RC"
THRC030	467800	6590850	360	-90	37	150	5/10/2004	Mullina	"4"" RC"
THRC031	467800	6590800	360	-90	37	150	5/10/2004	Mullina	"4"" RC"
THRC032	467800	6590750	360	-90	31	150	6/10/2004	Mullina	"4"" RC"
THRC033	467800	6590700	360	-90	13	150	6/10/2004	Mullina	"4"" RC"
THRC034	468200	6590805	360	-90	25	150	6/10/2004	Mullina	"4"" RC"
THRC035	456900	6592400	360	-90	49	150	6/10/2004	Mullina West	"4"" RC"
THRC036	456900	6592350	360	-90	25	150	7/10/2004	Mullina West	"4"" RC"
THRC037	456900	6592300	360	-90	31	150	8/10/2004	Mullina West	"4"" RC"
THAC038	456500	6592450	360	-90	67	150	10/12/2004	Mullina West	"4""AIR CORE"
THAC039	456500	6592400	360	-90	62	150	10/12/2004	Mullina West	"4""AIR CORE"

HOLE NAME	EASTING (GDA)	NORTHING (GDA)	AZIMUTH (grid North)	Dip	Final depth	Elevation	Date drilled	Target	Drill method
	metres	metres	degrees	degrees	metres	metres			
THAC040	456500	6592350	360	-90	52	150	10/12/2004	Mullina West	"4""AIR CORE"
THAC041	456500	6592300	360	-90	36	150	10/12/2004	Mullina West	"4""AIR CORE"
THAC042	456500	6592500	360	-90	80	150	10/12/2004	Mullina West	"4""AIR CORE"
THAC043	456100	6592500	360	-90	83	150	10/12/2004	Mullina West	"4""AIR CORE"
THAC044	456100	6592450	360	-90	72	150	11/12/2004	Mullina West	"4""AIR CORE"
THAC045	456100	6592400	360	-90	52	150	11/12/2004	Mullina West	"4""AIR CORE"
THAC046	456100	6592350	360	-90	16	150	11/12/2004	Mullina West	"4""AIR CORE"
THAC047	456890	6592450	360	-90	49	150	11/12/2004	Mullina West	"4""AIR CORE"
THAC048	467800	6590950	360	-90	10	150	11/12/2004	Mullina	"4""AIR CORE"
THAC049	467800	6590930	360	-90	32	150	11/12/2004	Mullina	"4""AIR CORE"
THAC050	467600	6590850	360	-90	29	150	11/12/2004	Mullina	"4""AIR CORE"
THAC051	467600	6590900	360	-90	21	150	11/12/2004	Mullina	"4""AIR CORE"
THAC052	467600	6590800	360	-90	43	150	11/12/2004	Mullina	"1-21m A/C, 21-43 RC"
THAC053	467410	6590856	360	-90	24	150	11/12/2004	Mullina	"4""AIR CORE"
THAC054	467410	6590800	360	-90	15	150	11/12/2004	Mullina	"4""AIR CORE"
THAC055	483000	6592200	360	-90	80	150	12/12/2004	Moolkra	"4""AIR CORE"
THAC056	483000	6592000	360	-90	47	150	12/12/2004	Moolkra	"4""AIR CORE"
THAC057	483000	6592100	360	-90	78	150	12/12/2004	Moolkra	"4""AIR CORE"
THAC058	483750	6592100	360	-90	61	150	12/12/2004	Moolkra	"4""AIR CORE"
THAC059	483750	6592000	360	-90	38	150	12/12/2004	Moolkra	"4""AIR CORE"
THAC060	483750	6591900	360	-90	57	150	12/12/2004	Moolkra	"4""AIR CORE"
THAC061	484150	6592350	360	-90	38	150	12/12/2004	Moolkra	"4""AIR CORE"
THAC062	484150	6592400	360	-90	35	150	12/12/2004	Moolkra	"4""AIR CORE"
THAC063	484170	6592450	360	-90	30	150	13/12/2004	Moolkra	"4""AIR CORE"
THAC064	484150	6592550	360	-90	20	150	13/12/2004	Moolkra	"4""AIR CORE"
THAC065	484150	6592500	360	-90	36	150	13/12/2004	Moolkra	"4""AIR CORE"
THAC066	483750	6592350	360	-90	63	150	13/12/2004	Moolkra	"4""AIR CORE"
THAC067	483763	6592240	360	-90	42	150	13/12/2004	Moolkra	"4""AIR CORE"

Appendix 3

Geological Drill Hole Logs

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	metres	metres									10x-3 SI	
(units accuracy)	0.3	0.3										
THAC015	0	3	rdbn	Cc-Ccy					cb-fe-cy		1.49	Calcrete and clay with high fe component.
THAC015	3	6	rdbn	Cc-Ccy					cb-fe-cy		3.43	Calcrete and clay with high fe component.
THAC015	6	9	bn	Bcy	vw				cy-sil-q		4.93	Silicified? Basement clays.
THAC015	9	12	mu	Bcy	vw				cy-sil-q		1.42	Silicified? Basement clays.
THAC015	12	15	mu	Bcy	vw				cy		1.94	Clays after basement.
THAC015	15	18	mnbn	Bcy	vw				cy		1.48	Clays after basement.
THAC015	18	21	bn	Bcy	vw				cy		1	Clays after basement.
THAC015	21	24	gnbn	Bcy	vw				cy		1.48	Clays after basement - possible relic fabric in clays
THAC015	24	27	lt bngn	Bcy	vw				cy		0.38	Clays after basement - possible relic fabric in clays
THAC015	27	30	lt bngn	Bcy	vw				cy		0.73	Clays after basement - possible relic fabric in clays
THAC015	30	33	lt bngn	Bcy	vw				cy		0.2	Clays after basement - possible relic fabric in clays
THAC015	33	36	dkbn	Bcy-Bfe	vw				cy-fe		0.37	"Clays after basement - possible relic fabric in clays, minor fe chips"
THAC015	36	39	lt bnrd	Bcy	vw				cy-sil		0.42	"greenish clays, possible minor silica altn."
THAC015	39	42	lt bnwt	Bcy	vw				cy		0.4	white clay - kaolinite?
THAC015	42	45	mu	Gf	mw				cy-q-p?		0.48	weathered felsic basement -saprock
THAC015	45	48	mu	Gf	mw				cy-q-p?		0.44	weathered felsic basement -saprock
THAC015	48	51	mubn	Gf	ww	sf		fg	q-p		1.28	"Felsic gneiss, weakly weathered."
THAC016	0	3	rdbn	Ccy-Cc					cy-cb		1.18	Clays and calcrete
THAC016	3	6	rdbn	Ccy-Cc/Bfe	vw?				cy-cb-fe		6.32	As above with high ironstone after basement
THAC016	6	9	ltbn	Upd	vw?			mg	cy-c		6.15	Weathered peridotite - saprock
THAC016	9	12	gnbn	Upd	mw			mg	c-cy-t?-sil		7.63	"Weathered peridotite - saprock, minor silica altn."
THAC016	12	15	gnbn	Upd	mw			mg	c-cy-t?		6.27	Weathered peridotite - saprock
THAC016	15	18	mubn	Upd	mw			mg	c-cy-t?		0.77	Weathered peridotite - saprock
THAC016	18	21	ylgn	Upd	mw			mg	c-cy-t?		0.7	Weathered peridotite - saprock
THAC016	21	24	ltbn	Upd	mw			mg	c-cy-t?-sil		1.75	"Weathered peridotite - saprock, minor silica altn."
THAC016	24	27	bn	Upd	mw			mg	c-cy-t?		1.9	Weathered peridotite - saprock
THAC016	27	30	bn	Upd	mw			mg	c-cy-t?		3.02	Weathered peridotite - saprock
THAC016	30	33	ltbn	Upd	ww			mg	c-a-sp-t-cb-mt		2.04	Weathered peridotite - saprock
THAC016	33	36	gnbn	Upd	ww			mg	c-a-sp-t-cb-mt		4.17	Weathered peridotite - saprock
THAC016	36	39	ltbn	Upd	ww			mg	c-a-sp-t-cb-mt		2.87	Weathered peridotite - saprock
THAC017	0	3	rdbn	Cc-Ccy					cb-cy		1.44	Calcrete cover and clays.
THAC017	3	6	bn	Cc-Ccy/U	vw			mg	cb-cy-fe		3.31	"Calcrete cover and clays, with ironstone (after UM?)"
THAC017	6	9	dkbn	Upd	vw			mg	cy-sp-t-c-mt		11.2	"Weathered UM, fe staining common. Saprock"
THAC017	9	12	ltgnbn	Upd	mw			mg	sp-t-c-cymt		20	Weathered UM with relic textures.
THAC017	12	15	ltgnbn	Upd	mw		mc	mg	sp-t-c-cymt		22	Weathered UM with relic textures. EOH
THAC018	0	3	rdbn	Cc-Ccy					cb-q-cy		1.49	Calcrete cover and clay.

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	metres	metres									10x-3 SI	
(units accuracy)	0.3	0.3										
THAC018	3	6	ltmubn	Upd	vw		mc	mg	cy-c-t?		1.29	Bleached and weathered UM
THAC018	6	9	mu	Upd	vw		mc	mg	cy-c-t?		0.81	Bleached and weathered UM
THAC018	9	12	mubn	Upd	vw		mc	mg	cy-c-t?-sil		3.32	Weathered UM with minor silica altn.
THAC018	12	15	ltbn	Upd	ww		mc	mg	sp-a-c-mt		11	ww-fresh peridotite
THAC018	15	18	ltbn	Upd	ww		mc	mg	sp-a-c-mt		22.6	ww-fresh peridotite. EOH
THAC019	0	3	rdbn	Cc-Ccy					cb-cy-fe		3.53	Calcrete and clay with minor ironstone.
THAC019	3	6	mnbn	Cc-Ccy/Bcy	vw				cy-cb		6.74	Minor Calcrete and vw basement
THAC019	6	9	mu	Upx?	vw	mf?		mg	cy-c-fe-t?		2.41	Weathered pyroxenite with relic amph? Laths.
THAC019	9	12	mubn	Upx?	vw	mf?		mg	cy-c-fe-t?		8.52	Weathered pyroxenite with relic amph? Laths.
THAC019	12	15	bn	Upx?	vw	mf?		mg	cy-c-fe-t?		7.37	Weathered pyroxenite with relic amph? Laths.
THAC019	15	18	ltgnbn	Upx?	mw	mf?		mg	cy-c-fe-t?		9.08	Weathered pyroxenite with relic amph? Laths.
THAC019	18	21	ltgnbn	Upx?	mw	mf?		mg	cy-c-fe-t?		2.59	Weathered pyroxenite with relic amph? Laths.
THAC019	21	24	gnbn	Upx?	ww	mf?		mg	a-c-t?		0.81	ww as above
THAC019	24	27	gngy	Upx?	ww	mf?		mg	a-c-t?		1.21	"ww as above, foliated? EOH"
THAC020	0	3	rdbn	Cc-Bcy					cb-cy-c		1.32	"Calcrete, clay and weathered basement."
THAC020	3	6	ltbn	Upx?		mf?		fg-mg	c-cy		0.56	Weathered low MgO UM?
THAC020	6	9	mu	Upx?		mf?		fg-mg	c-cy		0.54	Weathered low MgO UM?
THAC020	9	12	mu	Upx?		mf?		fg-mg	c-cy		0.76	Weathered low MgO UM?
THAC020	12	15	mu	Upx?		mf?		fg-mg	c-cy		0.95	Weathered low MgO UM? EOH Bogged rods
THAC021	0	3	bn	Cc-Ccy					cb-cy		1.47	Calcrete and clay
THAC021	3	6	ltbn	F	vw			fg	cy		0.37	Kaolinite rich clays.
THAC021	6	9	wt	F	vw			fg	cy		0.45	Kaolinite rich clays.
THAC021	9	12	wt	F	vw			fg	cy		0.37	Kaolinite rich clays.
THAC021	12	15	wt	F	vw			fg	cy		0.31	Kaolinite rich clays.
THAC021	15	18	wt	F	vw			fg	cy		0.16	Kaolinite rich clays.
THAC021	18	21	gnbn	F	vw			fg	cy		0.26	Kaolinite rich clays.
THAC021	21	24	gnbn	F	mw	sf		fg	cy-c-q		0.44	"Kaolinite rich clays, possible foliation"
THAC021	24	27	bn	F	mw	sf		fg	cy-c-q		0.89	minor qtz veins in kaolinite-chlorite rich gneiss???
THAC021	27	30	bn	Gf?	mw	sf		fg	cy-c-q		0.83	minor qtz veins in kaolinite-chlorite rich gneiss???
THAC021	30	33	bn	Gf?	ww	sf		fg	q-c		1.91	silicified gneiss
THAC022	0	3	bn	Cc-Ccy					cb-cy		1.87	Calcrete and clay
THAC022	3	6	ltgn	Upd	mw	mf		mg	cy-c-fe		8	Weathered peridotite - saprock. Foliation evident as is redbn feox? Minerals.
THAC022	6	9	ltgn	Upd	mw	mf		mg	cy-c-fe		11.1	Weathered peridotite - saprock. Foliation evident as is redbn feox? Minerals.
THAC022	9	12	ltgn	Upd	mw	mf		mg	cy-c-fe		11.7	Weathered peridotite - saprock. Foliation evident as is redbn feox? Minerals.

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	**metres**	**metres**									**10x-3 SI**	
(units accuracy)	**0.3**	**0.3**										
THAC022	12	15	ltgn	Upd	mw	mf		mg	cy-c-fe		10.4	Weathered peridotite - saprock. Foliation evident as is redbn feox? Minerals.
THAC022	15	18	ltgn	Upd	ww	mf		mg	sp-cy-c-mt-cb		14	"Weathered peridotite, minor silica altn in places and redbn feox."
THAC022	18	21	ltgn	Upd	ww	mf		mg	sp-cy-c-mt-cb		15.8	"Weathered peridotite, minor silica altn in places and redbn feox."
THAC022	21	24	ltgn	Upd	ww	mf		mg	sp-cy-c-mt-cb		12.1	"Weathered peridotite, minor silica altn in places and redbn feox."
THAC022	24	27	ltgn	Upd	ww	mf		mg	sp-cy-c-mt-cb		13.6	"Weathered peridotite, minor silica altn in places and redbn feox."
THAC022	27	30	ltgnbn	Upd	ww	mf		mg	sp-cy-c-mt-cb		11.7	"Weathered peridotite, minor silica altn in places and redbn feox."
THAC022	30	33	ltgnbn	Upd	ww	mf		mg	sp-cy-c-mt-cb		9.75	"Weathered peridotite, minor silica altn in places and redbn feox."
THAC022	33	36	ltgnbn	Upd	ww	mf		mg	sp-cy-c-mt-cb		9.86	"Weathered peridotite, minor silica altn in places and redbn feox."
THAC022	36	39	ltgnbn	Upd	ww	mf		mg	sp-cy-c-mt-cb		10.6	"Weathered peridotite, minor silica altn in places and redbn feox."
THAC023	0	3	bn	Cc-Ccy					cb-cy		1.48	Calcrete and clay.
THAC023	3	6	bn	Bcy	vw			fg	cy-fe		0.75	Basement clays with minor festone
THAC023	6	9	mn+gn	Bcy	vw			fg	cy-fe		0.44	Basement clays with minor festone
THAC023	9	12	dkbn	Bcy	vw			fg	cy		0.53	Moderately puggy basement clay showing sf texture?
THAC023	12	15	mu	Bcy	vw	sf?		fg	cy		0.81	Moderately puggy basement clay showing sf texture?
THAC023	15	18	mu	Bcy	vw	sf?		fg	cy		1.21	Moderately puggy basement clay showing sf texture?
THAC023	18	21	gn	Bcy	vw	sf?		fg	cy		0.43	Hulk green coloured clays after UM
THAC023	21	24	gn	Bcy	vw	sf?		fg	cy		0.66	Hulk green coloured clays after UM
THAC023	24	27	ltbn	Upd	mw	sf		mg	t-c-mt-cy		8.03	"Sheared t-rich UM, peridotite?"
THAC023	27	30	ltbn	Upd	mw	sf		mg	t-c-mt-cy		13.1	"Sheared t-rich UM, peridotite?"
THAC023	30	33	gybn	Upd	ww	sf	mc	mg	t-c-mt-cy		6.15	"Sheared t-rich UM, peridotite?"
THAC023	33	36	ltgy	Upd	ww	sf	mc	mg	t-c-mt-sp?-a?		8.01	"peridotite, t-rich and sf with possible exolivines showing mc text. "
THAC023	36	39	gy	Upd	ww	sf	mc	mg	t-c-mt-sp?-a?		7.6	"peridotite, t-rich and sf with possible exolivines showing mc text. "
THAC024	0	3	rdbn	Cc-Ccy					cb-cy		1.54	Calcrete and clay
THAC024	3	6	mubn	Upd-Bcy	vw	sf		fg	cy-c-t-fe		1.06	"Weathered UM basement, moderate clay"
THAC024	6	9	bn	Upd-Bcy	vw	sf		fg	cy-c-t-fe		10.9	"Weathered UM basement, moderate clay"
THAC024	9	12	gnbn	Upd-Bcy	vw	sf		fg	cy-c-t-fe		11.5	"Weathered UM basement, moderate clay"
THAC024	12	15	gnbn	Upd-Bcy	vw	sf		fg	cy-c-t-fe		13.5	"Weathered UM basement, moderate clay"
THAC024	15	18	gy	Upd	mw	sf		mg	t-c-mt-cy		18	"foliated talc-chlorite schist, occ relic exolivine"

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	metres	metres									10x-3 SI	
(units accuracy)	0.3	0.3										
THAC024	18	21	gngy	Upd	mw	sf		mg	t-c-mt-cy		17	"foliated talc-chlorite schist, occ relic exolivine"
THAC024	21	24	bngy	Upd	mw	sf		mg	t-c-mt-cy		14.2	"foliated talc-chlorite schist, occ relic exolivine"
THAC024	24	27	gngy	Upd	mw	sf		mg	t-c-mt-cy		11.1	"foliated talc-chlorite schist, occ relic exolivine"
THAC024	27	30	gngy	Upd	ww	sf		mg	t-c-mt		18.6	"foliated talc-chlorite schist, occ relic exolivine"
THAC024	30	33	gngy	Upd	ww	sf		mg	t-c-mt		24.6	"foliated talc-chlorite schist, occ relic exolivine"
THAC024	33	36	gngy	Upd	ww	sf		mg	t-c-mt		18.6	"foliated talc-chlorite schist, occ relic exolivine"
THAC024	36	39	gngy	Upd	ww	sf		mg	t-c-mt		18.6	"foliated talc-chlorite schist, occ relic exolivine"
THAC024	39	42	gnbn	Upd	ww	sf		mg	t-c-mt		19.6	"foliated talc-chlorite schist, occ relic exolivine"
THAC024	42	44	gnbn	Upd	ww	sf		mg	t-c-mt		18	"foliated talc-chlorite schist, occ relic exolivine"
THRC025	0	3	rdbn	Cc								calcrete
THRC025	3	6	lt yl	Gf	ww			mg	kf-q			pink kspar and 1 mm thick qtz lamellae - blastomylonite
THRC025	6	9	or-bn	Gf	ww			mg	kf-q			"as above, with iron oxide staining"
THRC025	9	12	or-bn	Gf	ww			mg	kf-q			as above
THRC025	12	13	or-bn	Gf	ww			mg				
THRC026	0	1	lt bn	Cc							0.99	"Calcrete, with silty sand 0-30 cm"
THRC026	1	2	lt bn	Cc							0.72	calcrete
THRC026	2	3	lt bn	Cc							1.17	as above
THRC026	3	4	lt bn	Cc							2.48	as above
THRC026	4	5	lt gn	U	mw			fg	t-c-mt		1.17	meta-ultramafic - foliated talc-chlorite schist
THRC026	5	6	lt gn	U	mw			fg	t-c-mt		6.46	meta-ultramafic - foliated talc-chlorite schist
THRC026	6	7	lt gn	U	mw			fg	t-c-mt		4.43	meta-ultramafic - foliated talc-chlorite schist
THRC026	7	8	lt gn	U	mw			fg	t-c-mt		0.62	meta-ultramafic - foliated talc-chlorite schist
THRC026	8	9	lt gn	U	mw			fg	t-c-mt		3.3	meta-ultramafic - foliated talc-chlorite schist
THRC026	9	10	lt gn	U	mw			fg	t-c-mt		3.65	meta-ultramafic - foliated talc-chlorite schist
THRC026	10	11	bn	U	mw			fg	t-c-mt		4.45	meta-ultramafic - foliated talc-chlorite schist
THRC026	11	12	rdbn	U	mw			fg	t-c-mt		6.17	meta-ultramafic - foliated talc-chlorite schist
THRC026	12	13	bn	U	mw			fg	t-c-mt		7.88	meta-ultramafic - foliated talc-chlorite schist
THRC026	13	14	gngy	U	ww			fg	t-c-mt		5.87	meta-ultramafic - foliated talc-chlorite schist
THRC026	14	15	gngy	U	ww			fg	t-c-mt		7.7	meta-ultramafic - foliated talc-chlorite schist
THRC026	15	16	gngy	U	ww			fg	t-c-mt		10.4	meta-ultramafic - foliated talc-chlorite schist
THRC026	16	17	gngy	U	ww			fg	t-c-mt		8.14	meta-ultramafic - foliated talc-chlorite schist
THRC026	17	18	gngy	U	ww			fg	t-c-mt		9.38	meta-ultramafic - foliated talc-chlorite schist
THRC026	18	19	gngy	U	ww			fg	t-c-mt		13.3	meta-ultramafic - foliated talc-chlorite schist
THRC026	19	20	gngy	U	ww			fg	t-c-mt		11.2	meta-ultramafic - foliated talc-chlorite schist
THRC026	20	21	gngy	U	ww			fg	t-c-mt		8.33	meta-ultramafic - foliated talc-chlorite schist
THRC026	21	22	gngy	U	ww			fg	t-c-mt		7.65	meta-ultramafic - foliated talc-chlorite schist
THRC026	22	23	gngy	U	ww			fg	t-c-mt		3.41	meta-ultramafic - foliated talc-chlorite schist
THRC026	23	24	lt gngy	U	ww			fg	t-c-mt		9.14	meta-ultramafic - foliated talc-chlorite schist

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	metres	metres									10x-3 SI	
(units accuracy)	0.3	0.3										
THRC026	24	25	lt gngy	U	ww			fg	t-c-mt		7.38	meta-ultramafic - foliated talc-chlorite schist
THRC026	25	26	lt gngy	U	ww			fg	t-c-mt		6.12	meta-ultramafic - foliated talc-chlorite schist
THRC026	26	27	lt gngy	U	ww			fg	t-c-mt		7.79	meta-ultramafic - foliated talc-chlorite schist
THRC026	27	28	lt gngy	U	ww			fg	t-c-mt		10.1	meta-ultramafic - foliated talc-chlorite schist
THRC026	28	29	lt gngy	U	ww			fg	t-c-mt		10.5	meta-ultramafic - foliated talc-chlorite schist
THRC026	29	30	lt gngy	U	ww			fg	t-c-mt		11.9	meta-ultramafic - foliated talc-chlorite schist
THRC026	30	31	lt gngy	U	ww			fg	t-c-mt		7.55	meta-ultramafic - foliated talc-chlorite schist
THRC026	31	32	lt gngy	U	ww			fg	t-c-mt		7.12	meta-ultramafic - foliated talc-chlorite schist
THRC026	32	33	lt gngy	U	ww			fg	t-c-mt		12.2	meta-ultramafic - foliated talc-chlorite schist
THRC026	33	34	lt gngy	U	ww			fg	t-c-mt		7.01	meta-ultramafic - foliated talc-chlorite schist
THRC026	34	35	lt gngy	U	ww			fg	t-c-mt		15.6	meta-ultramafic - foliated talc-chlorite schist
THRC026	35	36	lt gngy	U	ww			fg	t-c-mt		11	meta-ultramafic - foliated talc-chlorite schist
THRC026	36	37	lt gngy	U	ww			fg	t-c-mt		8.55	meta-ultramafic - foliated talc-chlorite schist
THRC027	0	1	or-bn	Cc							1.17	calcrete
THRC027	1	2	or-bn	Cc							1.83	calcrete
THRC027	2	3	or-bn	Cc							2.43	calcrete
THRC027	3	4	or-bn	Cc							6.34	"calcrete, and with rounded limonitic black coloured gravel"
THRC027	4	5	lt yl bn	U	ww			fg	t-c-mt		6.32	"Meta-ultramafic, light grey with iron oxide staining"
THRC027	5	6	lt yl bn	U	ww			fg	t-c-mt		8.55	"Meta-ultramafic, light grey with iron oxide staining"
THRC027	6	7	lt yl bn	U	ww			fg	t-c-mt		9.07	"Meta-ultramafic, light grey with iron oxide staining"
THRC027	7	8	lt yl bn	U	ww			fg	t-c-mt		9.6	"Meta-ultramafic, light grey with iron oxide staining"
THRC027	8	9	lt yl bn-bk	U	ww			fg	t-c-mt		14	meta-ultramafic with black manganese oxide on fractures
THRC027	9	10	lt gy	U				fg	t-c-mt		11.2	meta-ultramafic
THRC027	10	11	lt gy	U				fg	t-c-mt		10	meta-ultramafic
THRC027	11	12	lt gy	U				fg	t-c-mt		10.6	meta-ultramafic
THRC027	12	13	lt gy	U				fg	t-c-mt		10	meta-ultramafic
THRC027	13	14	lt gy	U				fg	t-c-mt		10.5	meta-ultramafic
THRC027	14	15	lt gy	U				fg	t-c-mt		6.04	meta-ultramafic
THRC027	15	16	lt gy	U				fg	t-c-mt		11.7	meta-ultramafic
THRC027	16	17	lt gy	U				fg	t-c-mt		13.4	meta-ultramafic
THRC027	17	18	lt gy	U				fg	t-c-mt		9.16	meta-ultramafic
THRC027	18	19	lt gy	U				fg	t-c-mt		10	meta-ultramafic
THRC027	19	20	lt gy	U				fg	t-c-mt		9.71	meta-ultramafic
THRC027	20	21	lt gy	U				fg	t-c-mt		9.8	meta-ultramafic
THRC027	21	22	lt gy	U				fg	t-c-mt		10.1	meta-ultramafic
THRC027	22	23	lt gy	U				fg	t-c-mt		10.4	meta-ultramafic
THRC027	23	24	lt gy	U				fg	t-c-mt		11.5	meta-ultramafic

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	metres	metres									10x-3 SI	
(units accuracy)	0.3	0.3										
THRC027	24	25	lt gy	U				fg	t-c-mt		10.2	meta-ultramafic
THRC027	25	26	lt gy	U				fg	t-c-mt		11.3	meta-ultramafic
THRC027	26	27	lt gy	U				fg	t-c-mt		13	meta-ultramafic
THRC027	27	28	lt gy	U				fg	t-c-mt		11.2	meta-ultramafic
THRC027	28	29	lt gy	U				fg	t-c-mt		11.2	meta-ultramafic
THRC027	29	30	lt gy	U				fg	t-c-mt		11.4	meta-ultramafic
THRC027	30	31	lt gy	U				fg	t-c-mt		9.76	meta-ultramafic
THRC028	0	1	or-bn	Cc							9.76	calcrete
THRC028	1	2	or-bn	Cc							1.56	calcrete
THRC028	2	3	or-bn	Cc							2.14	calcrete
THRC028	3	4	or-bn	Cc							2.36	calcrete
THRC028	4	5	or-bn	Cc							4.36	calcrete
THRC028	5	6	or-bn	Cc							2.63	calcrete with coarse rounded limonite gravel
THRC028	6	7	rd/or	Bc/Gf	vw				clay		2.25	"clay after weathered basement, with coarse fragments of coarse clear quartz"
THRC028	7	8	rd/or	Bc/Gf	vw				clay		1.68	clay after weathed felsic basement
THRC028	8	9	rd/or	Bc/Gf	vw				clay		6.33	clay after weathed felsic basement
THRC028	9	10	rd/or	Bc/Gf	vw				clay		0.52	clay after weathed felsic basement
THRC028	10	11	rd/or	Bc/Gf	vw				clay		0.21	clay after weathed felsic basement
THRC028	11	12	rd/or	Bc/Gf	vw				clay		0.15	clay after weathed felsic basement
THRC028	12	13	rd/or	Bc/Gf	vw				clay		0.22	clay after weathed felsic basement
THRC028	13	14	rd/or	Bc/Gf	vw				clay		0.25	clay after weathed felsic basement
THRC028	14	15	rd/or	Bc/Gf	vw				clay		0.26	clay after weathed felsic basement
THRC028	15	16	rd/or	Bc/Gf	vw				clay		0.27	clay after weathed felsic basement
THRC028	16	17	rd/or	Bc/Gf	vw				clay		0.22	clay after weathed felsic basement
THRC028	17	18	rd/or	Bc/Gf	vw				clay		0.11	clay after weathed felsic basement
THRC028	18	19	rd/or	Bc/Gf	vw				clay		0.17	clay after weathed felsic basement
THRC028	19	20	lt gn	Gf	ww				clay-fd-q-m		0.19	weakly weathered fspr-quartz-mica gneiss
THRC028	20	21	lt gn	Gf	ww				clay-fd-q-m		0.12	weakly weathered fspr-quartz-mica gneiss
THRC028	21	22	lt gn	Gf	ww				clay-fd-q-m		0.14	weakly weathered fspr-quartz-mica gneiss
THRC028	22	23	lt gn	Gf	ww				clay-fd-q-m		0.11	weakly weathered fspr-quartz-mica gneiss
THRC028	23	24	lt gn	Gf	ww				clay-fd-q-m		0.13	weakly weathered fspr-quartz-mica gneiss
THRC028	24	25	lt gn	Gf	ww				clay-fd-q-m		0.19	weakly weathered fspr-quartz-mica gneiss
THRC029	0	1	or-bn	Cc							1.23	calcrete
THRC029	1	2	or-bn	Cc							1.13	
THRC029	2	3	or-bn	Cc							2.34	
THRC029	3	4	or-bn	Cc							4.91	

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	metres	metres									10x-3 SI	
(units accuracy)	0.3	0.3										
THRC029	4	5	or-bn/gn	U	ww	mf			c-t-mt		7.28	"meta-ultramafic, retrograded to mica-chlorite; moderate to strong foliation"
THRC029	5	6	or-bn/gn	U	ww	mf			c-t-mt		12.1	meta-ultramafic with or/brn iron oxide staining and lime green nontronitic clay
THRC029	6	7	or-bn/gn	U	ww	mf			c-t-mt		16.7	
THRC029	7	8	or-bn/gn	U	ww	mf			c-t-mt		15.8	
THRC029	8	9	or-bn/gn	U	ww	mf			c-t-mt		14	
THRC029	9	10	or-bn/gn	U	ww	mf			c-t-mt		13.2	
THRC029	10	11	lt gy/gn	U	ww	mf			c-t-mt		14.6	
THRC029	11	12	lt gy/gn	U	ww	mf			c-t-mt		22.9	
THRC029	12	13	lt gy/gn	U	ww	mf			c-t-mt		23.1	
THRC029	13	14	lt gy/gn	U	ww	mf			c-t-mt		13.6	
THRC029	14	15	lt gy/gn	U	ww	mf			c-t-mt		14.9	
THRC029	15	16	lt gy/gn	U	ww	mf			c-t-mt		14.6	
THRC029	16	17	lt gy/gn	U	ww	mf			c-t-mt		12.2	
THRC029	17	18	lt gy/gn	U	ww	mf			c-t-mt		10.6	
THRC029	18	19	lt gy/gn	U	ww	mf			c-t-mt		8.7	
THRC029	19	20	lt gy/gn	U	ww	mf			c-t-mt		10.2	
THRC029	20	21	lt gy/gn	U	ww	mf			c-t-mt		9.03	
THRC029	21	22	lt gy/gn	U	ww	mf			c-t-mt		12.1	
THRC029	22	23	lt gy/gn	U	ww	mf			c-t-mt		16.9	
THRC029	23	24	dk bn	U	mw	mf		f	c-mt-clay		19.6	"very dark brown clays, iron/magnetite rich weathered ultramafic"
THRC029	24	25	dk bn	U	mw	mf		f	c-mt-clay		25	
THRC029	25	26	dk bn	U	mw	mf		f	c-mt-clay		31.5	
THRC029	26	27	dk bn	U	mw	mf		f	c-mt-clay		29.1	
THRC029	27	28	dk bn	U	mw	mf		f	c-mt-clay		35.4	
THRC029	28	29	dk bn	U	mw	mf		f	c-mt-clay		25.6	
THRC029	29	30	dk bn	U	mw	mf		f	c-mt-clay		19.8	
THRC029	30	31	dk bn	U	mw	mf		f	c-mt-clay		11.8	
THRC029	31	32	dk bn	U	mw	mf		f	c-mt-clay		15.3	
THRC029	32	33	dk gy	U		mf		f	c-mt-ol		10.3	"grey fine grained, ultramafic"
THRC029	33	34	dk gy	U		mf		f	c-mt-ol		15.8	
THRC029	34	35	dk gy	U		mf		f	c-mt-ol		15.9	
THRC029	35	36	dk gy	U		mf		f	c-mt-ol		12.6	
THRC029	36	37	dk gy	U		mf		f	c-mt-ol		15.2	
THRC030	0	1	lt orbn	Cc							0.9	calcrete
THRC030	1	2	lt orbn	Cc							1.58	
THRC030	2	3.5	lt orbn	Cc							3.32	

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	metres	metres									10x-3 SI	
(units accuracy)	0.3	0.3										
THRC030	3.5	4	lt gngy	U	ww	mf-sf		f-m	c-mu		2.54	"meta-ultramafic, lime green clay, weakly weathered, strongly foliated"
THRC030	4	5	lt gngy	U	ww	mf-sf		f-m	c-t-mt		5.31	"meta-ultramafic, with minor dark purple and brown iron staining"
THRC030	5	6	lt gngy	U	ww	mf-sf		f-m	c-t-mt		4.58	meta-ultramafic
THRC030	6	7	lt gngy	U	ww	mf-sf		f-m	c-t-mt		3.72	meta-ultramafic
THRC030	7	8	lt gngy	U	ww	mf-sf		f-m	c-t-mt		6.78	meta-ultramafic
THRC030	8	9	lt gngy	U	ww	mf-sf		f-m	c-t-mt		5.97	meta-ultramafic
THRC030	9	10	lt gngy	U	ww	mf-sf		f-m	c-t-mt		8.35	meta-ultramafic
THRC030	10	11	lt gngy	U	ww	mf-sf		f-m	c-t-mt		9.26	meta-ultramafic
THRC030	11	12	lt gngy	U	ww	mf-sf		f-m	c-t-mt		5.89	meta-ultramafic
THRC030	12	13	lt gngy	U	ww	mf-sf		f-m	c-t-mt		8.46	meta-ultramafic
THRC030	13	14	lt gngy	U	ww	mf-sf		f-m	c-t-mt		2.2	meta-ultramafic
THRC030	14	15	lt gngy	U	ww	mf-sf		f-m	c-t-mt		0.81	meta-ultramafic
THRC030	15	16	lt gngy	U	ww	mf-sf		f-m	c-t-mt		1.35	meta-ultramafic
THRC030	16	17	lt gngy	U	ww	mf-sf		f-m	c-t-mt		4.31	meta-ultramafic
THRC030	17	18	lt gngy	U	ww	mf-sf		f-m	c-t-mt		4.59	meta-ultramafic
THRC030	18	19	lt gngy	U	ww	mf-sf		f-m	c-t-mt		3.73	meta-ultramafic
THRC030	19	20	lt gngy	U	ww	mf-sf		f-m	c-t-mt		8.97	meta-ultramafic
THRC030	20	21	lt gngy/bn	U	ww	mf-sf		f-m	c-t-mt		11.7	meta-ultramafic with dark brown iron rich clay
THRC030	21	22	lt gngy/bn	U	ww	mf-sf		f-m	c-t-mt		8.96	meta-ultramafic with dark brown iron rich clay
THRC030	22	23	lt gngy/bn	U	ww	mf-sf		f-m	c-t-mt		7.55	meta-ultramafic with dark brown iron rich clay
THRC030	23	24	lt gn/gy	U	ww	mf-sf		f-m	c-t-mt		7.53	"meta-ultramafic, with coarse bladed mineral (?actinolite after pyroxene?), manganese and iron oxide staining"
THRC030	24	25	lt gn/gy	U	ww	mf-sf		f-m	c-t-mt		3.82	meta-ultramafic
THRC030	25	26	lt gn/gy	U	ww	mf-sf		f-m	c-t-mt		8.78	meta-ultramafic
THRC030	26	27	lt gn/gy	U		mf-sf		f-m	c-t-mt		2.61	meta-ultramafic
THRC030	27	28	lt gn/gy	U		mf-sf		f-m	c-t-mt		11.5	meta-ultramafic
THRC030	28	29	lt gn/gy	U		mf-sf		f-m	c-t-mt		11.7	meta-ultramafic
THRC030	29	30	lt gn/gy	U		mf-sf		f-m	c-t-mt		7.46	meta-ultramafic
THRC030	30	31	lt gn/gy	U		mf-sf		f-m	c-t-mt		4.29	meta-ultramafic
THRC030	31	32	lt gn/gy	U		mf-sf		f-m	c-t-mt		3.62	meta-ultramafic
THRC030	32	33	lt gn/gy	U		mf-sf		f-m	c-t-mt		5.37	meta-ultramafic
THRC030	33	34	lt gn/gy	U		mf-sf		f-m	c-t-mt		7.71	meta-ultramafic
THRC030	34	35	lt gn/gy	U		mf-sf		f-m	c-t-mt		16.1	meta-ultramafic
THRC030	35	36	lt gn/gy	U		mf-sf		f-m	c-t-mt		10.1	meta-ultramafic
THRC030	36	37	lt gn/gy	U		mf-sf		f-m	c-t-mt		8.02	meta-ultramafic
THRC031	0	1	or bn	Cc							1.07	calcrete

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	metres	metres									10x-3 SI	
(units accuracy)	0.3	0.3										
THRC031	1	2	or bn	Cc							1.53	Calcrete
THRC031	2	3	or bn	Cc							1.22	calcrete
THRC031	3	4	or bn	Cc							2.02	calcrete
THRC031	4	5	or bn	Cc							1.66	calcrete
THRC031	5	6	lt gn	U/Bc	mw	sf		f	c-t-ac-mt		1.38	weathered meta-ultramafic with lime green clays and long white acicular mineral (?actinolite after pyroxene?)
THRC031	6	7	gn bn	U/Bc	mw	sf		f	c-t-ac-mt		5.3	weathered meta-ultramafic
THRC031	7	8	gn bn	U/Bc	mw	sf		f	c-t-ac-mt		8.05	weathered meta-ultramafic
THRC031	8	9	lt gn	U	mw	sf		f	c-t-ac-mt		4.9	weathered meta-ultramafic with lime green clays
THRC031	9	10	lt gn	U	mw	sf		f	c-t-ac-mt		5.17	weathered meta-ultramafic with lime green clays
THRC031	10	11	gn/gy	U	ww	sf		f	c-t-ac-mt		6.67	weathered meta-ultramafic
THRC031	11	12	gn/gy	U	ww	sf		f	c-t-ac-mt		10	weathered meta-ultramafic
THRC031	12	13	gn/gy	U	ww	sf		f	c-t-ac-mt		8.11	weathered meta-ultramafic
THRC031	13	14	gn/gy	U	ww	sf		f	c-t-ac-mt		8.28	weathered meta-ultramafic
THRC031	14	15	gn/gy	U	ww	sf		f	c-t-ac-mt		4.54	weathered meta-ultramafic with lime green clays
THRC031	15	16	dk gn/gy	U	ww			f	c-sp-?ol-p		1.66	"fine grained, massive, not talcose"
THRC031	16	17	dk gn/gy	U	ww			f	c-sp-?ol-p		4.25	"fine grained, massive, not talcose"
THRC031	17	18	dk gn/gy	U	ww			f	c-sp-?ol-p		6.07	"fine grained, massive, not talcose"
THRC031	18	19	dk gn/gy	U	ww			f	c-sp-?ol-p		7.11	"fine grained, massive, not talcose"
THRC031	19	20	dk gn/gy	U	ww			f	c-sp-?ol-p		2.46	"fine grained, massive, not talcose"
THRC031	20	21	dk gn/gy	U	ww			f	c-sp-?ol-p		3.69	"fine grained, massive, not talcose, with lime green clay"
THRC031	21	22	dk bn	U/Bc	ww			vf	c-s-mt		10.1	"very dark brown clays, iron/magnetite rich weathered ultramafic"
THRC031	22	23	gn/bn	U	ww	sf		f	c-sp-s		3.73	meta-ultramafic
THRC031	23	24	gn/bn	U	ww	sf		f	c-sp-s		4.87	meta-ultramafic
THRC031	24	25	gn/bn	U	ww	sf		f	c-sp-s		6.63	meta-ultramafic
THRC031	25	26	gn/bn	U	ww	sf		f	c-sp-s		6.27	meta-ultramafic
THRC031	26	27	gn/bn	U	ww	sf		f	c-sp-s		5.66	meta-ultramafic
THRC031	27	28	lt gy	U		sf		f	p-c-o		6.23	"fine layering, no foliated minerals, minor yellow brown rock"
THRC031	28	29	lt gy	U		sf		f	p-c-o		2.87	
THRC031	29	30	lt gy	U		sf		f	p-c-o		0.56	
THRC031	30	31	gn/bn	U	ww	sf		f	c-sp-clay		0.68	
THRC031	31	32	gn/bn	U	ww	sf		f	c-sp-clay		0.58	
THRC031	32	33	lt gy	M/Gf?				f	c-p		3.66	Meta-mafic or basic gneiss?
THRC031	33	34	lt gy	M				f	c-p		1.14	Meta-mafic or basic gneiss?
THRC031	34	35	lt gy	M				f	c-p		2.06	Meta-mafic or basic gneiss?
THRC031	35	36	dk gn	M	ww			f	c-p		1.46	"Meta-mafic or basic gneiss?, with yel/brn iron staining"
THRC031	36	37	dk gn	M	ww			f	c-p		1.05	Meta-mafic or basic gneiss?
THRC032	0	1	rd	Cc							0.62	"calcrete, cover"

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	metres	metres									10x-3 SI	
(units accuracy)	0.3	0.3										
THRC032	1	2	rd	Cc							1.38	"calcrete, cover"
THRC032	2	3	rd	Cc							3.65	"calcrete, cover"
THRC032	3	4	rd	Bc	vw						15.5	
THRC032	4	5	rd	Bc	vw						15.4	
THRC032	5	6	rd	Bc	vw						20.9	
THRC032	6	7	rd	Bc	vw						20.2	
THRC032	7	8	rd	Bc	vw						9.38	
THRC032	8	9	rd	Bc	vw						9.81	
THRC032	9	10	rd	Bc	vw						10	
THRC032	10	11	rd	Bc	vw						10.9	
THRC032	11	12	rd	Bc	vw						13.4	
THRC032	12	13	bn/gn	Bc/U	vw						9.83	clay and saprock with ferrugenous fragments
THRC032	13	14	bn/gn	Bc/U	vw						12.6	clay and saprock with ferrugenous fragments
THRC032	14	15	bn/gn	Bc/U	vw						13.6	clay and saprock with ferrugenous fragments
THRC032	15	16	bn/gn	Bc/U	vw						15.1	clay and saprock with ferrugenous fragments
THRC032	16	17	dk bn/gn	U	mw	wf		fg-mg	c-s-clay		19.3	ferrugenous saprock after ultramafic
THRC032	17	18	dk bn/gn	U	mw	wf		fg-mg			23.1	ferrugenous saprock after ultramafic
THRC032	18	19	gy/gn	U	ww	wf		fg-mg			18.2	"Ultramafic, holocrystalline, med grained, rounded grains, coarse acicular grains"
THRC032	19	20	gy/gn	U	ww			fg-mg			26.8	"Ultramafic, holocrystalline, med grained, rounded grains, coarse acicular grains"
THRC032	20	21	gy/gn	U	ww			fg-mg			25.5	"Ultramafic, holocrystalline, med grained, rounded grains, coarse acicular grains"
THRC032	21	22	gy/gn	U	ww			fg-mg			27.1	"Ultramafic, holocrystalline, med grained, rounded grains, coarse acicular grains"
THRC032	22	23	gy/gn	U				fg			24.1	"ultramafic, very fine, with f-m green acicular mineral"
THRC032	23	24	gy/gn	U				fg			26.8	"ultramafic, very fine, with f-m green acicular mineral"
THRC032	24	25	gy/gn	U				fg			22.8	"ultramafic, very fine, with f-m green acicular mineral"
THRC032	25	26	gy/gn	U				fg			25.1	"ultramafic, very fine, with f-m green acicular mineral"
THRC032	26	27	gy/gn	U				fg			29.3	"ultramafic, very fine, with f-m green acicular mineral"
THRC032	27	28	gy/gn	U				fg			13.5	"ultramafic, very fine, with f-m green acicular mineral"
THRC032	28	29	gn	U		mf		fg	t-c		4.72	talcose meta-ultramafic
THRC032	29	30	gn	U		mf		fg	t-c		3.11	talcose meta-ultramafic
THRC032	30	31	gn	U		mf		fg	t-c		5.13	talcose meta-ultramafic
THRC033	0	1	lt or bn	Cc							0.73	calcrete
THRC033	1	2	lt or bn	Cc							0.9	calcrete
THRC033	2	3	lt or bn	Cc							0.59	calcrete
THRC033	3	4	"or/bn, wh"	Gf		mw		fg-mg	f-q		0.32	felsic blastomylonite with thin qtz lamellae (Kenella Gneiss)

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	metres	metres									10x-3 SI	
(units accuracy)	0.3	0.3										
THRC033	4	5	rd pk	Gf							0.18	felsic gneiss
THRC033	5	6	rd pk	Gf							0.22	felsic gneiss
THRC033	6	7	rd pk	Gf							0.35	felsic gneiss
THRC033	7	8	rd pk	Gf							0.37	felsic gneiss
THRC033	8	9	rd pk	Gf							0.77	felsic gneiss
THRC033	9	10	rd pk	Gf							0.44	felsic gneiss
THRC033	10	11	rd pk	Gf							0.35	felsic gneiss
THRC033	11	12	rd pk	Gf							0.31	felsic gneiss
THRC033	12	13	rd pk	Gf							0.36	felsic gneiss
THRC034	0	1	or bn	Cc							1.41	calcrete
THRC034	1	2	or bn	Cc							1.25	calcrete
THRC034	2	3	or bn	Cc							1	calcrete
THRC034	3	4	or bn	Cc							0.56	calcrete
THRC034	4	5	lt gy/gn	U							0.41	saprock/weathered ultramafic
THRC034	5	6	lt gy/gn	U							0.3	saprock/weathered ultramafic
THRC034	6	7	y/bn	Um-Bc					clay-		0.22	"soft clay, iron rich"
THRC034	7	8	y/bn	Um-Bc							0.31	
THRC034	8	9	y/bn	Um-Bc							0.45	
THRC034	9	10	y/bn	Um-Bc							0.44	
THRC034	10	11	y/bn	Um-Bc							3.29	
THRC034	11	12	y/bn	Um-Bc							3.12	
THRC034	12	13	y/bn/gn	Um-Bc							20.9	"ultramafic, y/brn clay with lime green clay"
THRC034	13	14	y/bn/gn	Um-Bc							0.41	
THRC034	14	15	y/bn/gn	Um-Bc							0.38	
THRC034	15	16	y/bn/gn	Um-Bc							0.37	
THRC034	16	17	dk gy/gn	U		sf		fg	c-t-mu		5.39	"meta-ultramafic, well foliated, talcose, dk grn/grey"
THRC034	17	18	dk gy/gn	U		sf		fg	c-t-mu		12.2	"meta-ultramafic, well foliated, talcose, dk grn/grey"
THRC034	18	19	dk gy/gn	U		sf		fg	c-t-mu		12.8	"meta-ultramafic, well foliated, talcose, dk grn/grey"
THRC034	19	20	dk gy/gn	U		sf		fg	c-t-mu		14	"meta-ultramafic, well foliated, talcose, dk grn/grey"
THRC034	20	21	dk gy/gn	U		sf		fg	c-t-mu		10.5	"meta-ultramafic, well foliated, talcose, dk grn/grey"
THRC034	21	22	dk gy/gn	U		sf		fg	c-t-mu		11.5	"meta-ultramafic, well foliated, talcose, dk grn/grey"
THRC034	22	23	dk gy/gn	U		sf		fg	c-t-mu		6.36	"meta-ultramafic, well foliated, talcose, dk grn/grey"
THRC034	23	24	dk gy	U				fg	c-t-mu		0.74	"mafic/ultramafic, no fabric, low magnetite"
THRC034	24	25	dk gy	U				fg	c-t-mu		0.92	"mafic/ultramafic, no fabric, low magnetite"
THRC035	0	1	lt rd bn	Cc							0.97	calcrete (0-30 cm red silty colluvium)
THRC035	1	2	lt rd bn	Cc							1.25	calcrete
THRC035	2	3	lt rd bn	Cc							0.61	calcrete
THRC035	3	4	lt rd bn	Cc							0.87	calcrete

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	**metres**	**metres**									**10x-3 SI**	
(units accuracy)	**0.3**	**0.3**										
THRC035	4	5	lt rd bn	Cc							0.71	Calcrete
THRC035	5	6	lt rd bn	Cc							0.84	calcrete
THRC035	6	7	lt gy	Ccy							0.46	"Transported clay, puggy"
THRC035	7	8	lt gy	Ccy							0.33	"Transported clay, puggy"
THRC035	8	9	lt gy	Ccy							0.15	"Transported clay, puggy"
THRC035	9	10	lt gy	Ccy							0.2	"Transported clay, puggy"
THRC035	10	11	lt gy	Ccy							0.22	"Transported clay, puggy"
THRC035	11	12	lt gy	Ccy							0.13	"Transported clay, puggy"
THRC035	12	13	lt gy	Ccy							0.74	"Transported clay, puggy"
THRC035	13	14	rd bn	Cg							0.32	quartz gravel at base of transported cover
THRC035	14	15	yl bn	Bc	vw						0.44	top of weathered bsement
THRC035	15	16	yl bn	Bc	vw						0.39	
THRC035	16	17	lt gn/gy	clay	vw				clay-lm		0.36	green clay after ultramafic with dk grn/bn limonitic clay
THRC035	17	18	lt gn/gy	clay	vw						0.48	ultramafic saprock
THRC035	18	19	lt gn/gy	clay	vw						0.35	ultramafic saprock
THRC035	19	20	lt gn/gy	clay	vw						0.23	ultramafic saprock
THRC035	20	21	lt gn/gy	clay	vw						0.37	ultramafic saprock
THRC035	21	22	lt gn/gy	clay	vw						0.43	ultramafic saprock
THRC035	22	23	lt gn/gy	clay	vw						0.38	ultramafic saprock
THRC035	23	24	lt gn/gy	clay	vw						0.36	ultramafic saprock
THRC035	24	25	lt gn/gy	clay	vw						0.42	ultramafic saprock
THRC035	25	26	lt gn/gy	clay	vw						0.44	ultramafic saprock
THRC035	26	27	lt gn/gy	clay	vw						0.46	ultramafic saprock
THRC035	27	28	lt gn/gy	clay	vw						0.4	ultramafic saprock
THRC035	28	29	lt gn/gy	U/Bc	ww				t-c		0.35	"meta-ultramafic, very talcose"
THRC035	29	30	lt gn/gy	U/Bc	ww				t-c		0.46	"meta-ultramafic, very talcose"
THRC035	30	31	lt gn/gy	U/Bc	ww				t-c		0.32	"meta-ultramafic, very talcose"
THRC035	31	32	lt gn/gy	U/Bc	ww				t-c		0.45	"meta-ultramafic, very talcose"
THRC035	32	33	gy/bn	chert					q-c		0.45	"brown-grey, massive chert/qtz"
THRC035	33	34	gy/bn	Gf		sf			q-c-b-p		0.87	?paragniss with meta-mafic (Water at 36 m)
THRC035	34	35	gy/bn	Gf		sf			q-c-b-p		0.84	?paragniss with meta-mafic
THRC035	35	36	gy/bn	Gf		sf			q-c-b-p		0.69	?paragniss with meta-mafic
THRC035	36	37	gy/bn	Gf		sf			q-c-b-p		0.28	?paragniss with meta-mafic
THRC035	37	38	gy/bn	Gf		sf			q-c-b-p		0.3	?paragniss with meta-mafic
THRC035	38	39	gy/bn	Gf		sf			q-c-b-p		0.69	?paragniss with meta-mafic
THRC035	39	40	dk gy gn	Gf-q		sf			q-c		0.54	"?paragneiss, with metamafic?, very fine grained, fissile, ?mylonitic"
THRC035	40	41	dk gy gn	Gf-q		sf			q-c		0.47	"?paragneiss, with metamafic?, very fine grained, fissile, ?mylonitic"
THRC035	41	42	dk gy gn	Gf-q		sf			q-c		0.5	"?paragneiss, with metamafic?, very fine grained, fissile, ?mylonitic"

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	metres	metres									10x-3 SI	
(units accuracy)	0.3	0.3										
THRC035	42	43	dk gy gn	Gf-q		sf			q-c		0.61	"?paragneiss, with metamafic?, very fine grained, fissile, ?mylonitic"
THRC035	43	44	dk gy gn	Gf-q		sf			q-c		0.47	"?paragneiss, with metamafic?, very fine grained, fissile, ?mylonitic"
THRC035	44	45	dk gy gn	Gf-q		sf			q-c		0.55	"?paragneiss, with metamafic?, very fine grained, fissile, ?mylonitic"
THRC035	45	46	dk gy gn	Gf-q		sf			q-c		0.66	"?paragneiss, with metamafic?, very fine grained, fissile, ?mylonitic"
THRC035	46	47	dk gy gn	Gf-q		sf			q-c		0.83	"?paragneiss, with metamafic?, very fine grained, fissile, ?mylonitic"
THRC035	47	48	dk gy gn	Gf-q		sf			q-c		0.4	"?paragneiss, with metamafic?, very fine grained, fissile, ?mylonitic"
THRC035	48	49	dk gy gn	Gf-q		sf			q-c		0.75	"?paragneiss, with metamafic?, very fine grained, fissile, ?mylonitic"
THRC036	0	1	lt or/bn	Cc							1.4	calcrete (0-30 cm red silty colluvium)
THRC036	1	2	lt or/bn	Cc							0.95	calcrete
THRC036	2	3	lt or/bn	Cc							0.94	calcrete
THRC036	3	4	lt or/bn	Cc							0.68	calcrete
THRC036	4	5	lt or/bn	Cc							0.65	calcrete
THRC036	5	6	lt or/bn	Cc							0.86	calcrete
THRC036	6	7	Lt bn	Cg							0.72	"Gravel, with quartz and granite fragments"
THRC036	7	8	lt gy	Cc							0.63	"Transported clay, puggy"
THRC036	8	9	lt gy	Cc							0.2	"Transported clay, puggy"
THRC036	9	10	lt gy	Cc							0.18	"Transported clay, puggy"
THRC036	10	11	lt gy	Cc							0.15	"Transported clay, puggy"
THRC036	11	12	lt gy	Cc							0.23	"Transported clay, puggy"
THRC036	12	13	lt gy	Cc							7.88	"Transported clay, puggy"
THRC036	13	14	lt rd pk	oGf					q-k		0.29	ortho-felsic gneiss
THRC036	14	15	lt rd pk	oGf					q-k		0.34	ortho-felsic gneiss
THRC036	15	16	lt rd pk	oGf					q-k		0.63	ortho-felsic gneiss
THRC036	16	17	lt rd pk	oGf					q-k-m-b		0.82	ortho-felsic gneiss with mica rich shear bands
THRC036	17	18	lt rd pk	oGf					q-k-m-b		0.6	ortho-felsic gneiss with mica rich shear bands
THRC036	18	19	lt rd pk	oGf					q-k-m-b		0.64	ortho-felsic gneiss with mica rich shear bands
THRC036	19	20	lt rd pk	oGf					q-k		0.51	ortho-felsic gneiss
THRC036	20	21	lt rd pk	oGf					q-k		0.83	ortho-felsic gneiss
THRC036	21	22	lt rd pk	oGf					q-k		0.6	ortho-felsic gneiss
THRC036	22	23	lt rd pk	oGf					q-k		0.78	ortho-felsic gneiss
THRC036	23	24	lt rd pk	oGf					q-k		1	ortho-felsic gneiss
THRC036	24	25	lt rd pk	oGf					q-k		1.3	ortho-felsic gneiss
THRC037	0	1	rd	Cc							0.99	calcrete (0-30 cm red silty colluvium)
THRC037	1	2	rd	Cc							0.74	calcrete
THRC037	2	3	rd	Cc							0.77	calcrete
THRC037	3	4	rd	Cc							0.85	calcrete
THRC037	4	5	rd bn	Cc							0.65	"Calcrete, with rounded limonite gravel at 4.7 - 5 m"
THRC037	5	6	pl gy	Ccy							0.26	transported cover

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	metres	metres									10x-3 SI	
(units accuracy)	0.3	0.3										
THRC037	6	7	pl gy	Ccy							0.45	
THRC037	7	8	pl gy	Ccy							0.17	
THRC037	8	9	pl gy	Ccy							0.1	
THRC037	9	10	pl gy	Ccy							0.16	
THRC037	10	11	pl gy	Ccy							0.11	
THRC037	11	12	pl gy	Ccy							0.15	
THRC037	12	13	pl gy	Ccy							0.21	
THRC037	13	14	pl yl wh	oGf	ww				f-q		0.12	weathered felsic granitic rock with coarse quartz
THRC037	14	15	pl yl wh	oGf	ww				f-q		0.07	weathered felsic granitic rock with coarse quartz
THRC037	15	16	pl yl wh	oGf	ww				f-q		0.14	weathered felsic granitic rock with coarse quartz
THRC037	16	17	pl yl wh	oGf	ww				f-q		0.14	weathered felsic granitic rock with coarse quartz
THRC037	17	18	pl yl wh	oGf	ww				f-q		0.11	weathered felsic granitic rock with coarse quartz
THRC037	18	19	pl yl wh	oGf	ww				f-q		0.1	weathered felsic granitic rock with coarse quartz
THRC037	19	20	pl yl wh	oGf	ww				f-q		0.31	weathered felsic granitic rock with coarse quartz
THRC037	20	21	wh pk	oGf					f-q		0.4	felsic granitic gneiss with thin quartz lamellae
THRC037	21	22	wh pk	oGf					f-q		0.86	felsic granitic gneiss with thin quartz lamellae
THRC037	22	23	wh pk	oGf					f-q		0.72	felsic granitic gneiss with thin quartz lamellae
THRC037	23	24	wh pk	oGf					f-q		0.46	felsic granitic gneiss with thin quartz lamellae
THRC037	24	25	wh pk/gn	oGf					k-q-b-c		0.63	felsic granitic gneiss with biotite/muscovite
THRC037	25	26	wh pk/gn	oGf					k-q-b-c		0.88	felsic granitic gneiss with biotite/muscovite
THRC037	26	27	wh pk/gn	oGf					k-q-b-c		1.11	felsic granitic gneiss with biotite/muscovite
THRC037	27	28	wh pk/gn	oGf					k-q-b-c		0.62	felsic granitic gneiss with biotite/muscovite
THRC037	28	29	wh pk/gn	oGf					k-q-b-c		1.19	felsic granitic gneiss with biotite/muscovite
THRC037	29	30	wh pk/gn	oGf					k-q-b-c		1.1	felsic granitic gneiss with biotite/muscovite
THRC037	30	31	wh pk/gn	oGf					k-q-b-c		1.03	felsic granitic gneiss with biotite/muscovite
THAC038	0	4	r	Cs								transported cover
THAC038	4	12	gy	Ccy								transported cover
THAC038	12	15	r/gy	Ccy								transported cover
THAC038	15	20	lt gy	Csi								transported cover
THAC038	20	26	lt gy	Csi/cy								transported cover
THAC038	26	33	lt gy	Ccy								transported cover
THAC038	33	38	lt yl/gy	Cs/cy								transported cover

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	**metres**	**metres**									**10x-3 SI**	
(units accuracy)	**0.3**	**0.3**										
THAC038	38	42	dk gn	Bc/Um	mw			fg	c-tm(?)			weathered meta-ultramafic with retrograded micaceous and ?tremolite assemblage
THAC038	42	53	gy/gn	U	ww			fg	c-tm(?)			meta-ultramafic
THAC038	53	56	bn	Gf	ww			fg	k-q-gh			"felsic, iron stained"
THAC038	56	57	gy/gn	U	ww			fg	c-tm(?)			meta-ultramafic
THAC038	57	58	bn	U	ww			fg	c-tm(?)			meta-ultramafic
THAC038	58	64	gy/gn	U	ww			fg	c-tm(?)			meta-ultramafic
THAC038	64	67	gy/gn	pGf	ww			fg	q-c			"meta-psammite, quartz with minor muscovite and chlorite"
THAC039	0	2	lt r/bn	Cca								
THAC039	2	4	dk r/bn	Ccy								
THAC039	4	12	pa yl/grey	Ccy								
THAC039	12	19	wh	Csa								very fine sand
THAC039	19	30	gy/yel	Ccy								transported clay with red mottling
THAC039	30	35	y/brn	Ccy								
THAC039	35	44	y/gn	pG/Sst		sf		vfg	c-q(?)			psammitic paragneiss
THAC039	44	62	gn/gy	pG/Sst				vfg	c-q(?)	trace dissemin ated pyrite		very fine grained grey coloured (?)metasiltstone with trace to rare fine disseminated sulphide
THAC040	0	2	lt r/bn	Csa								
THAC040	2	4	r/bn	Csi								
THAC040	4	12	v pa yl/gy	Ccy								"transported clay, puggy"
THAC040	12	14	lt gy/wh	Csa								fine fluffy sand
THAC040	14	30	wh yl	Bc								(14-15m red and yellow mottling)
THAC040	30	42	pa yl/bn bn	Bc								
THAC040	42	51	gy/gn	U		sf		f	c-tm			"fine grained grey coloured, highly strained"
THAC040	51	52	dk gn/gy	M		sf		f		trace dissemin ated pyrite		"fine grained grey coloured, highly strained, with 1-2mm thick ""s"" and ""z"" ptygmatic folds"
THAC041	0	5	r	Csi								
THAC041	5	12	lt gy	Bc								weathered granite
THAC041	12	30	yl wh	Bc								
THAC041	30	35	gy	Gf					b-kf-q			weathered granite
THAC041	35	36	r	Gf					kf-q			Kenella Gneiss
THAC042	0	5	r	Csi								

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	metres	metres									10x-3 SI	
(units accuracy)	0.3	0.3										
THAC042	5	19	lt gy dk r/yl	Ccy								
THAC042	19	34	lt gy	Ccy								
THAC042	34	37	pa yl	Csa								
THAC042	37	42	dk yl/bn									
THAC042	42	70	gy/b									
THAC042	70	80	gy/b	Gm		sf		fg mg	b-c-k-q			"f-med rounded pink coloured ?plag grains (""eyes"") with fine biotite/chlorite matrix"
THAC043	0	3	r	Csi								
THAC043	3	6	lt gy/wh	Ce								gypsum
THAC043	6	8	lt gy	Ccy								
THAC043	8	10	dk r wh	Ccy								ferrugenous
THAC043	10	14	r wh	Ccy								mottled
THAC043	14	17	or r	Ccy								
THAC043	17	25	yl/gn	Ccy								
THAC043	25	30	pa or/yl	Ccy								
THAC043	30	33	or bk	Bc	sw							
THAC043	33	41	bn	Bc	sw							
THAC043	41	61	dk bn/bk	Bc	sw							dark chocolate brown clay
THAC043	61	74	lt pi/bn	Bc/pGf	sw							? Felsic layer
THAC043	74	83	dk gn	M				fg				Mafic (unsure of rock type)
THAC044	0	4	r	Csi								
THAC044	4	11	dk bn	Bc/Um								
THAC044	11	20	lt gn	Bc/Um					t-c			"lime green clay, talcose"
THAC044	20	33	lt gn	Um				fg-mg	t-c-tm			
THAC044	33	35	bn	Um				fg-mg	t-c-tm(?)			
THAC044	35	71.5	gn	Um				fg-mg	t-c-tm(?)			fine -medium highly strained retrograded ultramafic
THAC044	71.5	72	gy	Gi				fm	fd-c-b(?)			"hard felsic ferro-magnesian metamorphic, with disseminated fine oxide"
THAC045	0	4	r	Csi								with calcrete
THAC045	4	9	lt gy	Bc/Fg								
THAC045	9	11	bn	Bc/Fg								
THAC045	11	16	yl	Bc/Fg								"ferrugenous, bright yellow goethitic clay "
THAC045	16	21	yl bn	Bc/Fg								
THAC045	21	33	dk gy	Bc/Fg								
THAC045	33	36	dk gy	U			ms lm	vf	c			"massive and fine grained, laminations, coarser quartz(?) grains"
THAC045	36	47	dk gn	U		sf	ms lm	vf	c			

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	metres	metres									10x-3 SI	
(units accuracy)	0.3	0.3										
THAC045	47	52	lt gn dk gn	U		sf		vf	t-c			"talcose, hard"
THAC046	0	3	r	Csi								colluvium and silt
THAC046	3	7	wh	Ce								gypsum
THAC046	7	10	lt gy	Ccy								transported clay
THAC046	10	13	r	Fg					kf-q			Felsic gneiss - Kenella Gneiss
THAC046	13	16	lt r gn	Fg					kf-q			Felsic gneiss - Kenella Gneiss
THAC047	0	5	r	Csi								
THAC047	5	14	lt gy yl	Ccy								
THAC047	14	16	lt gn	Bc								lime green clay ?after ultramafic
THAC047	16	21	gn bn	Bc								
THAC047	21	32	yl gn	Sst	mw			f				meta-psammite
THAC047	32	42	gn	Gf	mw			m	b-p-(?)q			"medium grained biotite with laths of plag, weakly foliated"
THAC047	42	44	lt gn	U	ww			f				
THAC047	44	45	dk gn/gy	M	ww	mf		f-m	b-q-l			quartz-biotite ?leucoxene - wthd fspar
THAC047	45	46	lt gn	U	ww	sf		f	c-t			talcose
THAC047	46	49	dk gy	Fgd	ww	sf		f-m	f			f-m grained quartz-biotite-kspar rock
THAC048	0	2	lt bn	Cca								
THAC048	2	10	r	Fg	ww			m-c	kf-q			coarse felsic gneiss
THAC049	0	3	lt bn r	Cca Csi								
THAC049	3	12	r or	Bc	sw							
THAC049	12	14	gn or	Gf/Sst	ww							felsic psammite
THAC049	14	22	lt gn	Gf/Sst	ww							felsic psammite
THAC049	22	32	gn dk gn	Gf/Sst	ww							felsic psammite
THAC050	0	4	lt bn	Cc								
THAC050	4	12	or	Ccy								
THAC050	12	16	or gn	Bc	sw							
THAC050	16	26	lt gn/ yel bn	Bc Gf/Sst	ww	wf		f-c	q			
THAC050	26	29	yel bn	Gf/Sst	ww	wf		f-c	q			meta sandstone with very poorly sorted fine to med-cse quartz
THAC051	0	3	lt bn wh	Cc								
THAC051	3	5	lt bn	Bc								
THAC051	5	11	r bn	Bc								
THAC051	11	20	yl bn	Gf								
THAC051	20	21	lt gy	Gf					q-fd-b-c			
THAC052	0	1	r	Csi								
THAC052	1	3	lt bn	Cc								
THAC052	3	4	lt or yl bn	Bc								

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	metres	metres									10x-3 SI	
(units accuracy)	0.3	0.3										
THAC052	4	10	dk bn	Bc U	mw			f				dark brown and ferrugenous
THAC052	10	13	lt gn	U	mw			f				
THAC052	13	21	pa gn	U	ww			f	sp-c-b-s			
THAC052	21	40	lt gn gy	U	ww			m	tm-c-m-sp			coarse tremolite
THAC052	40	43	dk gy	U	ww			f	tm-c-m-sp			
THAC053	0	3	r	Csa								calcrete and sand
THAC053	3	10	yl	Gf	sw							goethite and clay
THAC053	10	20	yl pi	Gf	ww							goethite stained clay
THAC054	0	2	r	Csa								sand
THAC054	2	3	lt bn	Cc								
THAC054	3	6	pa bn	Gf					q-kf			felsic rock
THAC054	6	7	wh	Gf q					q-kf			felsic rock
THAC054	7	15	pa yl bn	Gf					q-kf			felsic rock
THAC055	0	4	r	Csi								silty colluvium
THAC055	4	9	r	Csa								coarse sand
THAC055	9	22	lt bn	Csa/cy								sandy clay
THAC055	22	30	dk gy	Ccy								clay
THAC055	30	33	lt gn gy	Ccy								clay
THAC055	33	38	lt yl/wh	Ccy/si								fine sand and silt in clay
THAC055	38	46	wh	Sst								silty Permian sandstone
THAC055	46	52	pa gn	Bc	sw							Top of weathered basement
THAC055	52	60	lt bn	Bc	sw							
THAC055	60	64	wh	Bc	sw							
THAC055	64	70	lt yl wh	Bc	sw							"gritty, saprock after granite/pegmatite"
THAC055	70	76	gn	Bc/Upx	sw							?weathered meta-pyroxenite
THAC055	76	79	v dk gn	Upx	mw			cg	c(?px)-fd			?pyroxenite chloritised
THAC055	79	80	"v dk gn, pi"	M Fg	ww			vcg	kf-q			granitic layer
THAC056	0	2	r	Csi								silt/colluvium
THAC056	2	6	r	Ccy/si								silty clay
THAC056	6	21	lt r bn	Csa/cy								fine to coarse angular sand
THAC056	21	32	dk gy	Ccy								transported clay
THAC056	32	36	pa gy	Ccy								transported clay
THAC056	36	40	pa bn	Ccy								transported clay
THAC056	40	47	gn	G	ww	sf		f	c-b			?meta-mafic rock comprising chlorite-biotite shear bands
THAC057	0	2	r	Csi								fine silty sand
THAC057	2	20	lt bn	Csa/cy								coarse to very fine angular quartz
THAC057	20	31	dk gy	Ccy								

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	metres	metres									10x-3 SI	
(units accuracy)	0.3	0.3										
THAC057	31	39	lt gy bn	Ccy								
THAC057	39	46	pa gy wh	Csa/cy								fine to coarse sand with clay
THAC057	46	49	gn	Bc								"chloritic saprock, top of weathered basement"
THAC057	49	52	gn	Bc					c			chloritic saprock
THAC057	52	66	dk gn gy/gn	U		mf		f-c	c-sp-mt			coarse grained and finely foliated material
THAC057	66	68	lt pi	Fg				c	kf-q			granitic
THAC057	68	78	dk gn	M		sf		f-c	c-b-mt			coarse chloritic (?after pyroxene) rock with finely foliated chloritic rock
THAC058	0	1	r	Csi								
THAC058	1	3	lt bn	Cc								
THAC058	3	6	lt yl/bn r/bn	Csl								
THAC058	6	23	r	Csa/cy								
THAC058	23	30	lt gn	Bc								
THAC058	30	44	dk gn	M				cg	c-ac-p			"coarse grained hornblende (after pyroxene?) mafic rock, magnetic"
THAC058	44	61	v dk gn	M				cg	c-ac-p			very coarse decussate dk green amphibole/chlorite (after pyroxene) with chloritised martix
THAC059	0	2	pa bn	Csl								silty sand/colluvium
THAC059	2	4	pa gy/bn	Sst								Permian Sandstone
THAC059	4	16	bn	Csa/cy								sandy clay
THAC059	16	20	lt gn/bn	Ccy								silty clay
THAC059	20	24	lt gn	Bc	sw				c-s			"saprock, top of weathered basement"
THAC059	24	38	lt gy/gn	M	ww			cg	c-px-p			coarse grained actinolite (after pyroxene?) rich mafic rock
THAC060	0	4	pa bn wh	Csl								silcrete
THAC060	4	9	lt or bn	Sst								Permian Sandstone
THAC060	9	16	r	Csa/cy								
THAC060	16	22	gy r yl	Cy								
THAC060	22	26	lt gn bn	Bc/M				cg	c			coarse grained actinolite (after pyroxene?) rich mafic rock
THAC060	26	42	gn dk gn	M/Upx				cg	c			coarse grained actinolite (after pyroxene?) rich mafic rock
THAC060	42	47	dk gn	M/Upx				cg	c			coarse grained actinolite (after pyroxene?) rich mafic rock
THAC060	47	49	dk gn r	M/Upx				cg	c			coarse grained actinolite (after pyroxene?) rich mafic rock
THAC060	49	57	dk gn r	M/Upx				cg	c-ac-p			coarse grained actinolite (after pyroxene?) rich mafic rock
THAC061	0	3	lt bn	Cc								
THAC061	3	9	bn	Ccy								
THAC061	9	12	gn bn	Bc	sw				c			clay after coarse grained actinolite rich mafic rock
THAC061	12	30	gn	Bc M	mw				c-ac-p			coarse grained actinolite/pyroxene mafic rock
THAC061	30	38	dk gn	M	ww			cg	c-ac-p			coarse grained actinolite/pyroxene mafic rock

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	**metres**	**metres**									**10x-3 SI**	
(units accuracy)	**0.3**	**0.3**										
THAC062	0	1	r	Csi								
THAC062	1	6	pa bn	Csl								
THAC062	6	10	dk r	Ccy/si								
THAC062	10	12	lt gn	Bc M	mw							"clay after weathered basement, lime green colours"
THAC062	12	15	lt yl/bn wh	Bc M	mw							clay after weathered basement
THAC062	15	24	gn	M				cg	c-ac-p			chloritic weathering
THAC062	24	35	dk gn	M				cg	c-ac-p			coarse grained actinolite-plag diorite
THAC063	0	0.5	r	Csi								
THAC063	0.5	3	pa bn	Csl								with calcrete
THAC063	3	5	bn r/bn	Sst								
THAC063	5	8	bn	Bc								clay after basement
THAC063	8	14	wh pa gn	Bc								
THAC063	14	15	lt gn	M Bc	sw							"lime green, with felsic interlayers"
THAC063	15	16	bn	M Bc	sw							
THAC063	16	21	gn	M Bc	mw							
THAC063	21	28	gn/gy	M	ww			cg	c-ac-p			"coarse grained actinolite-plag diorite, E.O.H in hard granite/pegmatite layer"
THAC063	28	30	pi r	Fg				cg	kf-q			granite pegmatite layer
THAC064	0	2	r	Csi								
THAC064	2	4	r lt bn	Csi								Permian sandstone with calcrete
THAC064	4	7	r	Sst								"Permian sandstone, poorly sorted"
THAC064	7	9	bn wh	Bc								
THAC064	9	15	pa yl/wh	Bc								
THAC064	15	16	gy wh	Fg	sw				k-q-gh			kaolinite-quartz and goethite
THAC064	16	19	off wh	Fg	sw				k-q-gh			kaolinite-quartz and goethite
THAC064	19	20	off wh	Fg	ww				kf-q			
THAC065	0	1	r	Csi								
THAC065	1	2	lt bn	Cc/Sl								calcrete and silcrete
THAC065	2	6	r bn	Sst								
THAC065	6	9	wh	Sst/Csi								
THAC065	9	15	off wh	Sst/Csi								
THAC065	15	18	yl	Bc								top of weathered basement
THAC065	18	21	yl gn bn	Bc								
THAC065	21	28	gn	M					c			
THAC065	28	35	dk gn gy	M				cg	c-ac-p			coarse actinolite and plag
THAC065	35	35.5	gn	M				cg	c-ac-p			coarse actinolite and plag
THAC065	35.5	36	pi	Fg					kf-q			pegmatitic layer

Hole #	d_from	d_to	colour	rocktype	weath	struct	text	g_size	minerals	%sulph	Mag_susc	comments
(units)	metres	metres									10x-3 SI	
(units accuracy)	0.3	0.3										
THAC066	0	0.3	r	Csi								
THAC066	0.3	1	lt bn	Cc								
THAC066	1	4	lt r bn	Sst								
THAC066	4	16	r/bn	Cs/cy								
THAC066	16	17	lt gy	Ccy								
THAC066	17	26	v pa gy gn	Csa								25-26 hard silicified layer
THAC066	26	30	wh/pa gy	Bc/Gf								top of weathered basement - felsic rock
THAC066	30	38	pa yl/gy	Bc/Gf								weathered felsic rock
THAC066	38	48	bn wh	Bc/M								
THAC066	48	56	pa grn/gy	M	mw			cg	c-ac-s			chlorite and sericite after actinolite and plagioclase
THAC066	56	63	dk gn	M	ww			cg	c-ac-s			chlorite and sericite after actinolite and plagioclase
THAC067	0	0.3	r	Csi								silty sand
THAC067	0.3	3	lt r/bn	Cc								calcrete and silcrete
THAC067	3	8	r/bn	Sst								Permian (?) sandstone
THAC067	8	19	r/bn	Ccy/sa								Permian (?) sandstone
THAC067	19	20	bn lt gy	Sst					q			Permian (?) sandstone
THAC067	20	22	wh	Bc	ww				q			saprock
THAC067	22	23	pa b	Bc	sw							saprock
THAC067	23	26	v pa gy	Bc	sw							saprock
THAC067	26	30	dk bn	Bc	sw							ironstone and saprock
THAC067	30	36	lt bn/gn	M	mw			cg	c-ac-p			coarse actinolite and plag
THAC067	36	40	lt gn	M	mw			cg	c-ac-p			coarse actinolite and plag
THAC067	40	42	lt gn	M	ww			cg	c-ac-p			"coarse actinolite and plag, with weak alignment of minerals"

Appendix 4

Drill Sample Assays

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
				1	5	5	1	1	1	3	5	10	2	10
THAC015	0	3	P581001	4		0		0		0	6	0	77200	0
THAC015	3	6	P581002	5		0		0		0	18	0	63200	0
THAC015	6	9	P581003	3		0		0		0	34	0	39200	0
THAC015	9	12	P581004	0		0		0		0	44	0	3050	0
THAC015	12	15	P581005	1		0		0		0	52	0	1150	0
THAC015	15	18	P581006	2		0		0		0	26	0	1400	0
THAC015	18	21	P581007	1		0		0		0	20	0	2700	0
THAC015	21	24	P581008	0		0		0		0	20	0	800	0
THAC015	24	27	P581009	0		0		0		0	20	0	750	0
THAC015	27	30	P581010	0		0		0		0	20	0	700	0
THAC015	30	33	P581011	2		0		0		0	38	0	4600	0
THAC015	33	36	P581012	2		5		1		0	62	0	5900	0
THAC015	36	39	P581013	3	7	0	0	0	0	0	26	0	5750	0
THAC015	39	42	P581014	0		0		0		0	6	0	470	0
THAC015	42	45	P581015	0		0		0		0	14	0	550	0
THAC015	45	48	P581016	0		0		0		0	10	0	1600	0
THAC015	48	51	P581017	2		0		0		0	14	0	3750	0
THAC016	0	3	P581018	8		0		0		0	8	0	104000	0
THAC016	3	6	P581019	11		0		0		0	16	0	64600	0
THAC016	6	9	P581020	68		5		3		0	4	0	20700	0
THAC016	9	12	P581021	14		10		7		0	8	0	16000	0
THAC016	12	15	P581022	26		0		4		0	6	0	16400	0
THAC016	15	18	P581023	17		5		5		0	54	0	16600	0
THAC016	18	21	P581024	26		0		3		0	14	0	9550	0
THAC016	21	24	P581025	62		0		0		0	145	0	3000	0
THAC016	24	27	P581026	330	330	5		5		2	490	0	4450	0
THAC016	27	30	P581027	170	175	5		6		0	260	0	18800	0
THAC016	30	33	P581028	150	145	0		3		0	58	0	27100	0
THAC016	33	36	P581029	145	155	10		2		0	88	0	28800	0
THAC016	36	39	P581030	7		5		3		0	130	0	29300	0
STD			P581031	95		0		4		0	105	0	6000	0
THAC017	0	3	P581032	5		0		0		0	6	0	127000	0
THAC017	3	6	P581033	4		0		5		0	26	6	34600	0
THAC017	6	9	P581034	3		5		10		0	20	0	4500	0
THAC017	9	12	P581035	2		0		4		0	6	0	26500	0
THAC017	12	15	P581036	3		5		4		0	0	6	24600	0
THAC018	0	3	P581037	5		0		0		0	6	0	107000	0
THAC018	3	6	P581038	2		0		0		0	6	0	38500	0
THAC018	6	9	P581039	2		0		2		0	16	0	37100	0
THAC018	9	12	P581040	3		0		5		0	20	0	34400	0
THAC018	12	15	P581041	3		0		6		0	22	0	29900	0

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC018	15	18	P581042	3		5		5		0	26	0	32100	0
THAC019	0	3	P581043	6		0		0		0	8	0	98200	0
THAC019	3	6	P581044	9	10	0	0	0	0	0	12	0	53100	0
THAC019	6	9	P581045	5		0		5		0	150	0	5350	0
THAC019	9	12	P581046	4		10		14		0	350	0	2700	0
THAC019	12	15	P581047	6		10		10		0	130	0	3950	0
THAC019	15	18	P581048	4		10		6		0	50	0	10700	0
THAC019	18	21	P581049	4		5		7		0	48	0	12800	0
THAC019	21	24	P581050	24		15		6		0	24	0	19600	0
THAC019	24	27	P581051	6		10		3		0	6	0	45200	0
THAC020	0	3	P581052	10		0		0		0	6	0	119000	0
THAC020	3	6	P581053	5		0		0		0	32	6	27100	0
THAC020	6	9	P581054	2		0		13		0	80	0	5800	0
THAC020	9	12	P581055	2		5		9		0	62	0	2400	0
THAC020	12	15	P581056	4		5		3		0	36	0	1800	0
STD			P581057	90		0		1		0	105	0	5900	0
THAC021	0	3	P581058	12		0		0		0	6	0	96400	0
THAC021	3	6	P581059	23		0		0		0	8	0	36200	0
THAC021	6	9	P581060	9		0		0		0	8	0	4450	0
THAC021	9	12	P581061	8	8	0	0	0	0	0	14	8	4550	0
THAC021	12	15	P581062	7		0		0		0	12	0	2850	0
THAC021	15	18	P581063	5		0		0		0	10	0	1000	0
THAC021	18	21	P581064	9		0		0		0	44	0	1950	0
THAC021	21	24	P581065	340	400	0		0		0	40	0	3650	0
THAC021	24	27	P581066	145	145	0		0		0	260	0	3050	0
THAC021	27	30	P581067	55		0		0		0	38	0	4800	0
THAC021	30	33	P581068	42		0		0		0	32	0	5700	0
THAC022	0	3	P581069	13		0		0		0	6	0	123000	0
THAC022	3	6	P581070	8		5		2		0	4	0	30800	0
THAC022	6	9	P581071	4		10		4		0	0	0	27100	0
THAC022	9	12	P581072	6		10		2		0	8	0	28800	0
THAC022	12	15	P581073	6		5		2		0	0	0	27600	0
THAC022	15	18	P581074	5		5		1		0	0	0	40000	0
THAC022	18	21	P581075	9		10		2		0	0	0	36600	0
THAC022	21	24	P581076	7		5		3		0	0	0	27600	0
THAC022	24	27	P581077	2		5		3		0	0	0	32100	0
THAC022	27	30	P581078	20		5		1		0	0	0	24300	0
THAC022	30	33	P581079	16		5		0		0	8	0	23400	0
THAC022	33	36	P581080	11		0		0		0	12	0	22700	0
THAC022	36	39	P581081	27		5		0		0	8	0	21600	0
THAC023	0	3	P581082	7		0		0		0	4	0	133000	0

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC023	3	6	P581083	3		0		0		0	36	0	37700	0
THAC023	6	9	P581084	2		0		0		0	76	0	3500	0
THAC023	9	12	P581085	2	2	5	0	0	0	0	115	6	2650	0
THAC023	12	15	P581086	3		5		1		0	78	6	1400	0
THAC023	15	18	P581087	2		15		3		0	48	0	2100	0
THAC023	18	21	P581088	1		10		2		0	14	0	2200	0
THAC023	21	24	P581089	1		10		3		0	44	0	2550	0
THAC023	24	27	P581090	41		5		6		0	105	6	2150	0
THAC023			P581091	88		0		0		0	105	0	5450	0
THAC023	27	30	P581092	4		0		3		0	155	0	2300	0
THAC023	30	33	P581093	20		10		5		0	98	0	11300	0
THAC023	33	36	P581094	27		5		2		0	44	0	22000	0
THAC023	36	39	P581095	31		10		4		0	14	0	31100	0
THAC024	0	3	P581096	9		0		0		0	14	0	131000	0
THAC024	3	6	P581097	8		0		0		0	110	0	8250	0
THAC024	6	9	P581098	5		0		0		0	150	0	2300	0
THAC024	9	12	P581099	5		0		0		0	62	0	1700	0
THAC024	12	15	P581100	8		0		1		0	58	0	1350	0
THAC024	15	18	P581101	8		0		2		0	56	0	1250	0
THAC024	18	21	P581102	21		0		0		0	54	0	1550	0
THAC024	21	24	P581103	15		0		5		0	100	0	1400	0
THAC024	24	27	P581104	28		0		7		0	175	0	1750	0
THAC024	27	30	P581105	560	460	0		7		0	110	0	1600	0
THAC024	30	33	P581106	57	67	0		4		0	96	6	1450	0
THAC024	33	36	P581107	200	165	0		10		0	145	0	1700	0
THAC024	36	39	P581108	83		5		10		0	115	0	1500	0
THAC024	39	42	P581109	34	30	5	5	10	10	0	240	0	1750	0
THAC024	42	44	P581110	5		5		8		0	170	0	2500	0
THRC025	0	3	P581111	4		0		0		0	12	0	96400	0
THRC025	3	6	P581112	1		0		0		0	14	0	3150	0
THRC025	6	9	P581113	1		0		0		0	20	0	10700	0
THRC025	9	12	P581114	1		0		0		0	16	0	1350	0
THRC025	12	13	P581115	1		0		0		0	16	0	1300	0
THRC026	0	3	P581116	11		5		3		0	16	0	91400	0
THRC026	3	6	P581117	3		15		7		0	14	10	30200	0
THRC026	6	9	P581118	3		20		10		0	12	10	18800	0
THRC026	9	12	P581119	5		20		11		0	14	22	3150	0
THRC026	12	15	P581120	5		20		10		0	8	22	1400	0
THRC026	15	18	P581121	5		20		8		0	6	22	2050	0
THRC026	18	21	P581122	6		20		6		0	0	24	1900	0
THRC026	21	24	P581123	6		10		5		0	6	12	7100	0

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
THRC026	24	27	P581124	6		5		3		0	4	14	17300	0
THRC026	27	30	P581125	54	60	10		4		0	0	12	30000	0
THRC026	30	33	P581126	6		10		2		0	6	16	30400	0
THRC026	33	36	P581127	5		10		4		0	4	12	30200	0
THRC026	36	37	P581128	1		15		3		0	6	8	24400	0
THRC027	0	3	P581129	7		0		0		0	16	0	63500	0
THRC027	3	6	P581130	7		15		5		0	10	10	51200	0
THRC027	6	9	P581131	6		25		7		0	8	10	21100	0
THRC027	9	12	P581132	5		15		4		0	8	14	23100	0
THRC027	12	15	P581133	3		15		6		0	8	12	23500	0
THRC027	15	18	P581134	3		10		4		0	12	12	30700	0
THRC027	18	21	P581135	8		10		4		0	12	12	22200	0
THRC027	21	24	P581136	3		10		4		0	10	14	27100	0
THRC027	24	27	P581137	2		10		4		0	10	10	35300	0
THRC027	27	30	P581138	7		10		3		0	10	10	42400	0
THRC027	30	31	P581139	6		5		4		0	10	10	36100	0
STD			P581140	90		0		3		0	105	10	5300	0
THRC028	0	3	P581141	7		0		0		0	18	0	77400	0
THRC028	3	6	P581142	5		0		0		0	22	6	67000	0
THRC028	6	9	P581143	3		0		0		0	32	0	11400	0
THRC028	9	12	P581144	3	3	0	0	0	0	0	62	0	8600	0
THRC028	12	15	P581145	2	3	0	0	0	0	0	36	0	11300	0
THRC028	15	18	P581146	2		0		0		0	14	0	12900	0
THRC028	18	21	P581147	6		0		0		0	26	0	12600	0
THRC028	21	24	P581148	3		0		0		0	18	0	12000	0
THRC028	24	25	P581149	3		0		0		0	18	0	10500	0
THRC029	0	3	P581150	10		0		2		0	14	0	68500	0
THRC029	3	6	P581151	9		15		8		0	14	8	40800	0
THRC029	6	9	P581152	8		25		11		0	14	12	22900	0
THRC029	9	12	P581153	8		20		10		0	12	14	20000	0
THRC029	12	15	P581154	7		15		6		0	12	12	25400	0
THRC029	15	18	P581155	14		10		3		0	10	12	31900	0
THRC029	18	21	P581156	20		10		3		0	6	14	37100	0
THRC029	21	24	P581157	23	24	15	15	4	5	0	6	28	6350	0
THRC029	24	27	P581158	180	200	30		9		0	8	42	2150	0
THRC029	27	30	P581159	30		15		10		0	6	46	900	0
THRC029	30	33	P581160	72		10		4		0	8	24	900	0
THRC029	33	36	P581161	34	32	5	5	3	4	0	4	12	4100	0
THRC029	36	37	P581162	10		5		0		0	6	16	700	0
THRC030	0	3	P581163	7		0		0		0	18	6	51100	0
THRC030	3	6	P581164	7		15		10		0	8	14	25100	0

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
THRC030	6	9	P581165	10		20		9		0	8	10	24000	0
THRC030	9	12	P581166	17		20		8		0	10	18	30500	0
THRC030	12	15	P581167	21		20		6		0	12	16	31200	0
THRC030	15	18	P581168	37		10		5		0	8	16	30500	0
THRC030	18	21	P581169	63		10		5		0	4	18	29900	0
THRC030	21	24	P581170	97		10		3		0	4	24	13400	0
THRC030	24	27	P581171	28		10		2		0	12	12	38200	0
THRC030	27	30	P581172	36		10		3		0	8	18	48000	0
THRC030	30	33	P581173	30		10		0		0	14	16	39300	0
THRC030	33	36	P581174	17		10		3		0	12	12	46800	0
THRC030	36	37	P581175	10		5		2		0	12	10	62100	0
STD			P581176	93		0		2		0	90	0	5450	0
THRC031	0	3	P581177	16		0		0		0	24	0	75900	0
THRC031	3	6	P581178	52		10		7		0	64	14	36800	0
THRC031	6	9	P581179	100	89	10		7		0	100	16	24600	0
THRC031	9	12	P581180	125	89	10		7		0	120	18	26500	0
THRC031	12	15	P581181	105	80	10		8		0	130	16	17500	0
THRC031	15	18	P581182	67		10		5		0	56	8	41600	0
THRC031	18	21	P581183	40		10		6		0	50	14	32800	0
THRC031	21	24	P581184	160		10		7		0	56	16	20000	0
THRC031	24	27	P581185	68		10		5		0	40	10	32800	0
THRC031	27	30	P581186	40		5		4		0	66	10	33000	0
THRC031	30	33	P581187	28		0		0		0	86	0	59300	0
THRC031	33	36	P581188	40		0		0		0	58	6	85400	0
THRC031	36	37	P581189	42		0		0		0	94	16	54000	0
THRC032	0	3	P581190	7		0		3		0	14	0	98700	0
THRC032	3	6	P581191	2		10		8		0	22	0	5500	0
THRC032	6	9	P581192	0		10		8		0	20	6	1550	0
THRC032	9	12	P581193	0		10		12		0	20	0	1500	0
THRC032	12	15	P581194	0		10		9		0	20	0	4050	0
THRC032	15	18	P581195	3		25		16		0	22	0	36000	0
THRC032	18	21	P581196	5		20		14		0	20	0	44900	0
THRC032	21	24	P581197	5		15		12		0	22	0	49600	0
THRC032	24	27	P581198	3		15		12		0	22	0	51800	0
THRC032	27	30	P581199	3		10		15		0	20	6	11100	0
THRC032	30	31	P581200	6		10		12		0	12	6	8900	0
THRC033	0	3	P581201	5		0		0		0	8	0	154000	0
THRC033	3	6	P581202	2		0		0		0	16	0	40300	0
THRC033	6	9	P581203	0		0		0		0	16	0	3050	0
THRC033	9	12	P581204	0		0		0		0	10	0	1850	0
THRC033	12	13	P581205	0		0		0		0	12	0	1600	0

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
THRC034	0	3	P581206	7		0		0		0	8	0	92500	0
THRC034	3	6	P581207	11		0		2		0	12	0	55300	0
THRC034	6	9	P581208	3		0		9		0	110	8	2300	0
THRC034	9	12	P581209	3		5		12		0	105	14	1550	0
THRC034	12	15	P581210	3		5		8		0	56	10	2250	0
THRC034	15	18	P581211	8		5		5		0	26	10	14700	0
THRC034	18	21	P581212	28		5		4		0	20	8	28100	0
THRC034	21	24	P581213	10		5		5		0	30	0	30900	0
THRC034	24	25	P581214	11		10		7		0	16	0	48600	0
THRC035	0	3	P581215	3		0		0		0	8	0	125000	0
THRC035	3	6	P581216	1		0		0		0	12	0	33800	0
THRC035	6	9	P581217	0		0		0		0	16	0	7600	0
THRC035	9	12	P581218	1		0		0		0	10	0	21700	0
THRC035	12	15	P581219	0		0		0		0	8	0	3100	0
THRC035	15	18	P581220	0		0		3		0	10	6	2350	0
THRC035	18	21	P581221	0		0		2		0	94	10	1250	0
THRC035	21	24	P581222	0		5		0		0	110	6	1350	0
THRC035	24	27	P581223	0		0		3		0	80	8	1450	0
THRC035	27	30	P581224	0		0		3		0	14	8	5650	0
THRC035	30	33	P581225	0		0		0		0	10	0	5150	0
THRC035	33	36	P581226	0		0		0		0	14	0	5950	0
THRC035	36	39	P581227	0		0		0		0	10	0	7300	0
THRC035	39	42	P581228	0	0	0	0	0	0	0	18	0	9850	0
THRC035	42	45	P581229	1		0		0		0	24	0	17000	0
THRC035	45	48	P581230	2		0		0		0	14	0	17700	0
THRC035	48	49	P581231	2		0		0		0	20	0	16900	0
STD			P581232	88		0		3		0	105	0	5400	0
THRC036	0	3	P581233	2	2	0	0	0	0	0	10	0	115000	0
THRC036	3	6	P581234	2		0		0		0	14	0	66600	0
THRC036	6	9	P581235	0		0		0		0	10	0	13300	0
THRC036	9	12	P581236	0		0		0		0	12	0	2350	0
THRC036	12	15	P581237	0		0		0		0	4	0	2400	0
THRC036	15	18	P581238	0		0		0		0	6	0	1200	0
THRC036	18	21	P581239	0		0		0		0	10	0	1650	0
THRC036	21	24	P581240	0		0		0		0	0	0	1750	0
THRC036	24	25	P581241	0		0		0		0	4	0	1500	0
THRC037	0	3	P581242	3		0		0		0	8	0	129000	0
THRC037	3	6	P581243	1		0		0		0	14	0	17800	0
THRC037	6	9	P581244	0		0		0		0	16	0	2400	0
THRC037	9	12	P581245	0		0		0		0	8	0	28400	0
THRC037	12	15	P581246	0	0	0	0	0	0	0	8	0	1300	0

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
THRC037	15	18	P581247	0		0		0		0	0	0	500	0
THRC037	18	21	P581248	0		0		0		0	6	0	1000	0
THRC037	21	24	P581249	0		0		0		0	14	0	1100	0
THRC037	24	27	P581250	0		0		0		0	6	0	1150	0
THRC037	27	30	P581251	0		0		0		0	0	0	1300	0
THRC037	30	31	P581252	0		0		0		0	0	0	1950	0
THAC038	0	3	P581253	2		5		1		1	10	0	78500	0
THAC038	3	6	P581254	2		0		4		0	12	0	20300	0
THAC038	6	9	P581255	1		10		8		0	12	0	28500	0
THAC038	9	12	P581256	2		0		0		0	12	0	6850	0
THAC038	12	15	P581257	2		0		0		0	12	0	4200	0
THAC038	15	18	P581258	0		0		0		0	6	0	1000	0
THAC038	18	21	P581259	1		0		0		0	10	0	700	0
THAC038	21	24	P581260	7	8	0		0		0	16	0	1600	0
THAC038	24	27	P581261	2		0		1		0	12	0	1500	0
THAC038	27	30	P581262	7		0		1		0	12	0	1050	0
THAC038	30	33	P581263	1	2	0		0		0	12	0	500	0
THAC038	33	36	P581264	0		0		3		0	8	0	550	0
THAC038	36	39	P581265	1		0		1		0	18	0	1250	0
THAC038	39	42	P581266	2		10		7		0	24	0	1650	0
THAC038	42	45	P581267	0		0		2		0	10	0	950	0
THAC038	45	48	P581268	3	3	0	0	1	0	0	12	0	1000	0
THAC038	51	54	P581269	2		0		5		0	16	0	1800	0
THAC038	48	51	P581270	3		0		6		0	12	0	3800	0
THAC038	54	57	P581271	2		0		3		0	14	0	2050	0
THAC038	57	60	P581272	2		0		3		0	14	6	3300	0
THAC038	60	63	P581273	3		0		9		0	12	0	5350	0
THAC038	63	66	P581274	2		0		7		0	32	0	8400	0
THAC038	66	67	P581275	1	1	0	0	0	0	0	20	0	8700	0
THAC039	0	3	P581276	1		0		0		0	8	0	52900	0
THAC039	3	6	P581277	1		0		1		0	10	0	68800	0
THAC039	6	9	P581278	0		0		1		0	16	0	8200	0
THAC039	9	12	P581279	0		0		2		0	16	0	6850	0
THAC039	12	15	P581280	0		0		0		0	8	0	850	0
THAC039	15	18	P581281	0		0		0		0	8	0	750	0
THAC039	18	21	P581282	2		0		0		0	20	0	750	0
THAC039	21	24	P581283	0		0		0		0	14	0	1150	0
THAC039	24	27	P581284	1		0		0		0	12	0	1050	0
THAC039	27	30	P581285	0		0		0		0	36	0	600	0
THAC039	30	33	P581286	0		0		3		0	50	0	950	0
THAC039	33	36	P581287	0		0		2		0	16	0	1300	0

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC039	36	39	P581288	0		0		2		0	14	0	1650	0
THAC039	39	42	P581289	0		0		2		0	14	0	3650	0
THAC039	42	45	P581290	3		0		3		0	18	0	14800	0
THAC039	45	48	P581291	3		0		5		0	16	0	38000	0
THAC039	48	51	P581292	2		5		4		0	16	0	40400	0
THAC039	51	54	P581293	2		10		8		0	14	0	53800	0
THAC039	54	57	P581294	2		10		9		0	10	0	64000	0
THAC039	57	60	P581295	1		10		10		0	12	0	53400	0
THAC039	60	62	P581296	1	2	10		10		0	10	0	54500	0
STD			P581297	90	I.S.	0		5		0	100	0	5500	0
THAC040	0	3	P581298	2		0		0		0	6	0	43200	0
THAC040	3	6	P581299	2		0		6		0	14	0	49100	0
THAC040	6	9	P581300	1		0		7		0	12	0	8700	0
THAC040	9	12	P581301	1		0		5		0	10	0	6600	0
THAC040	12	15	P581302	1		0		6		0	10	0	2200	0
THAC040	15	18	P581303	0		0		3		0	6	0	700	0
THAC040	18	21	P581304	0		0		4		0	12	0	600	0
THAC040	21	24	P581305	0		0		5		0	6	0	500	0
THAC040	24	27	P581306	0		0		5		0	10	0	470	0
THAC040	27	30	P581307	0		0		0		0	8	0	500	0
THAC040	30	33	P581308	0		0		0		0	14	0	550	0
THAC040	33	36	P581309	0		0		5		0	8	0	1050	0
THAC040	36	39	P581310	0		0		2		0	32	0	2050	0
THAC040	39	42	P581311	0		0		0		0	10	0	2700	0
THAC040	42	45	P581312	0		0		3		0	10	0	6650	0
THAC040	45	48	P581313	5	5	5	5	3	0	0	12	0	45300	0
THAC040	48	51	P581314	3		5		6		0	14	0	25500	0
THAC040	51	52	P581315	5		0		7		0	58	0	12800	0
THAC041	0	3	P581316	1	2	0	0	0	0	0	6	0	47800	0
THAC041	3	6	P581317	2		0		0		0	12	0	82800	0
THAC041	6	9	P581318	0		0		0		0	16	0	8950	0
THAC041	9	12	P581319	1		0		0		0	8	0	12300	0
THAC041	12	15	P581320	0		0		0		0	6	0	5000	0
THAC041	15	18	P581321	0		0		0		0	4	0	2000	0
THAC041	18	21	P581322	0		0		0		0	0	0	1050	0
THAC041	21	24	P581323	1		0		2		0	4	0	700	0
THAC041	24	27	P581324	0		0		0		0	8	0	550	0
THAC041	27	30	P581325	0		0		0		0	12	0	500	0
THAC041	30	33	P581326	0		0		0		0	6	0	1100	0
THAC041	33	36	P581327	0		0		0		0	8	0	1050	0
THAC042	0	3	P581328	2		0		0		0	4	0	53600	0

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC042	3	6	P581329	2		0		0		0	14	0	59700	0
THAC042	6	9	P581330	1		0		0		0	10	0	7800	0
THAC042	9	12	P581331	1		0		0		0	12	0	42900	0
THAC042	12	15	P581332	0		0		0		0	6	0	10200	0
THAC042	15	18	P581333	1		0		0		0	8	0	1250	0
THAC042	18	21	P581334	2		0		0		0	6	0	2100	0
THAC042	21	24	P581335	0	0	0		0		0	8	0	750	0
THAC042	24	27	P581336	3	3	0		0		0	10	6	850	0
THAC042	27	30	P581337	0	0	0		0		0	10	0	1350	0
THAC042	30	33	P581338	0	0	0		0		0	10	0	1100	0
THAC042	33	36	P581339	11	9	0		0		0	12	6	600	0
THAC042	36	39	P581340	41	41	10		8		0	18	0	800	0
THAC042	39	42	P581341	42	37	5		2		0	46	0	1050	0
THAC042	42	45	P581342	4	4	5		0		0	54	6	2250	0
THAC042	45	48	P581343	1		0		1		0	22	6	6900	0
THAC042	48	51	P581344	2		5		0		0	16	6	5300	0
THAC042	51	54	P581345	2		0		0		0	10	0	1400	0
THAC042	54	57	P581346	0	0	0		0		0	6	0	650	0
THAC042	57	60	P581347	0		0		0		0	6	0	1750	0
THAC042	60	63	P581348	1		0		0		0	8	0	1650	0
THAC042	63	66	P581349	1		0		1		0	6	0	2200	0
THAC042	66	69	P581350	1		0		0		0	6	0	2750	0
THAC042	69	72	P581351	2		0		0		0	6	0	3700	0
THAC042	72	75	P581352	0		0		0		0	12	0	5850	0
THAC042	75	78	P581353	1		0		0		0	10	0	3950	0
THAC042	78	80	P581354	1		0		0		0	8	0	5800	0
THAC043	0	3	P581355	2		0		0		0	8	0	64000	0
THAC043	3	6	P581356	2		0		0		0	10	0	83400	0
THAC043	6	9	P581357	1	1	0	0	1	0	0	410	0	24500	0
THAC043	9	12	P581358	1		0		3		0	340	0	10700	0
THAC043	12	15	P581359	0		0		0		0	96	0	4000	0
THAC043	15	18	P581360	0		0		0		0	62	0	650	0
THAC043	18	22	P581361	0		5		2		0	110	0	800	0
THAC043	22	25	P581362	0		0		0		0	185	0	700	0
THAC043	25	28	P581363	0		0		0		0	40	0	430	0
THAC043	28	31	P581364	1		0		0		0	82	0	750	0
THAC043	31	34	P581365	3		0		0		0	88	10	800	0
THAC043	34	37	P581366	0		5		0		0	82	6	900	0
THAC043	37	40	P581367	1		0		5		0	175	10	1050	0
THAC043	40	43	P581368	1		0		1		0	300	0	1350	0
THAC043	43	46	P581369	1		0		1		0	320	0	1800	0

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC043	46	49	P581370	1		0		0		0	280	0	2700	0
THAC043	49	52	P581371	1	1	0	0	0	0	0	310	0	1550	0
THAC043	52	55	P581372	2		0		0		0	380	0	1700	0
THAC043	55	58	P581373	3		0		0		0	410	0	1350	0
THAC043	58	61	P581374	2		0		0		0	94	0	1150	0
THAC043	61	64	P581375	1	0	0		0		0	42	0	550	0
STD			P581376	85	91	0		5		0	105	0	5400	0
THAC043	64	67	P581377	1		0		0		0	32	0	500	0
THAC043	67	70	P581378	0		0		0		0	28	0	550	0
THAC043	70	73	P581379	1		0		0		0	70	0	600	0
THAC043	73	76	P581380	1		0		0		0	70	0	1350	0
THAC043	76	79	P581381	6		0		1		0	92	6	3800	0
THAC043	79	82	P581382	18	16	0		2		0	110	0	11400	0
THAC043	82	83	P581383	20	18	0		2		0	150	0	14500	0
THAC044	0	3	P581384	7		0		0		0	10	0	62500	0
THAC044	3	6	P581385	3		0		0		0	26	0	47000	0
THAC044	6	9	P581386	2		0		4		0	30	0	27600	0
THAC044	9	12	P581387	0		0		7		0	36	0	14500	0
THAC044	12	15	P581388	0		10		7		0	12	0	3500	0
THAC044	15	18	P581389	2		5		6		0	8	0	23100	0
THAC044	18	21	P581390	0		5		6		0	10	0	41400	0
THAC044	21	24	P581391	9		0		6		0	8	0	46400	0
THAC044	24	27	P581392	8		0		6		0	8	0	16400	0
THAC044	27	30	P581393	13	15	0		7		0	10	0	34000	0
THAC044	30	33	P581394	4		0		7		0	10	0	21100	0
THAC044	33	36	P581395	3		0		7		0	26	0	24400	0
THAC044	36	39	P581396	2		5		6		0	12	0	21600	0
THAC044	39	42	P581397	5		10		7		0	32	6	20600	0
THAC044	42	45	P581398	2		5		7		0	20	10	29800	0
THAC044	45	48	P581399	3		5		7		0	14	6	25800	0
THAC044	48	51	P581400	11	10	5		9		0	12	6	26700	0
STD			P581401	91	93	0		6		0	105	0	5500	0
THAC044	51	54	P581402	0		0		8		0	12	0	19700	0
THAC044	54	57	P581403	3		0		6		0	12	0	27700	0
THAC044	57	60	P581404	3	4	5	5	8	10	0	14	0	25300	0
THAC044	60	63	P581405	3		5		8		0	12	0	23500	0
THAC044	63	66	P581406	3		5		8		0	12	0	20700	0
THAC044	66	69	P581407	5		5		8		0	12	6	16000	0
THAC044	69	72	P581408	4		5		8		0	22	0	6800	0
THAC045	0	3	P581409	3		0		4		0	8	0	65800	0
THAC045	3	6	P581410	2		0		4		0	10	0	64600	0

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC045	6	9	P581411	0		0		5		0	10	0	4150	0
THAC045	9	12	P581412	2		0		3		0	22	0	1000	0
THAC045	12	15	P581413	2		0		5		0	30	0	600	0
THAC045	15	18	P581414	1	2	0	0	4	5	0	34	0	550	0
THAC045	18	21	P581415	2		0		5		0	38	0	550	0
THAC045	21	24	P581416	2		0		7		0	32	0	950	0
THAC045	24	27	P581417	1		0		0		0	36	0	1550	0
THAC045	27	30	P581418	1		0		4		0	18	0	2000	0
THAC045	30	33	P581419	2		0		5		0	34	0	3250	0
THAC045	33	36	P581420	2		0		5		0	28	0	3250	0
THAC045	36	39	P581421	1		0		4		0	22	6	3000	0
THAC045	39	42	P581422	1	1	0		1		0	20	0	7100	0
THAC045	42	45	P581423	2		0		6		0	14	6	9150	0
THAC045	45	48	P581424	2		0		7		0	24	6	16700	0
THAC045	48	51	P581425	3		0		9		0	24	0	49400	0
THAC045	51	52	P581426	3		5		10		0	18	6	47400	0
THAC046	0	3	P581427	5	1	0		2		0	10	0	79600	0
THAC046	3	6	P581428	3		0		5		0	8	6	168000	0
THAC046	6	9	P581429	2	0	0		1		0	14	6	83200	0
THAC046	9	12	P581430	1		0		0		0	6	0	5700	0
THAC046	12	15	P581431	2		0		4		0	4	0	2950	0
THAC046	15	16	P581432	0		0		0		0	6	0	2700	0
THAC047	0	3	P581433	2		0		0		0	10	8	193000	0
THAC047	3	6	P581434	1		0		0		0	16	0	15000	0
THAC047	6	9	P581435	0		0		0		0	14	8	6200	0
THAC047	9	12	P581436	0		0		1		0	16	0	3250	0
THAC047	12	15	P581437	0		0		2		0	14	6	3450	0
THAC047	15	18	P581438	2		10		8		0	26	0	4850	0
THAC047	18	21	P581439	0	0	0	0	6	0	0	18	0	6950	0
THAC047	21	24	P581440	0		0		3		0	22	0	5450	0
THAC047	24	27	P581441	0		0		1		0	18	0	10900	0
THAC047	27	30	P581442	0		0		0		0	14	0	14900	0
THAC047	30	33	P581443	0		0		0		0	14	0	14200	0
THAC047	33	36	P581444	0		0		0		0	14	0	13900	0
THAC047	36	39	P581445	0		0		0		0	20	0	14600	0
THAC047	39	42	P581446	0		0		0		0	14	14	19400	0
THAC047	42	45	P581447	0		0		0		0	52	6	6750	0
THAC047	45	48	P581448	0		0		1		0	14	6	8800	0
THAC047	48	51	P581449	0		0		0		0	12	0	13700	0
THAC048	0	3	P581450	4	5	0		2		0	16	0	55400	0
THAC048	3	6	P581451	2	3	0		2		0	16	0	5800	0

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC048	6	9	P581452	0		0		0		0	24	0	4550	0
THAC048	9	10	P581453	2		0		0		0	16	0	16900	0
THAC049	0	3	P581454	8	8	0		2		0	24	0	127000	0
THAC049	3	6	P581455	2		0		2		0	18	0	7600	0
THAC049	6	9	P581456	0		0		0		0	22	0	5800	0
THAC049	9	12	P581457	0		0		0		0	22	0	10800	0
THAC049	12	15	P581458	0		0		0		0	20	0	8150	0
THAC049	15	18	P581459	2		0		0		0	20	0	3900	0
THAC049	18	21	P581460	2	0	0	0	0	0	0	22	0	6100	0
THAC049	21	24	P581461	0	2	0		0		0	16	0	12900	0
THAC049	24	27	P581462	0	1	0		1		0	18	0	8850	0
THAC049	27	30	P581463	1	2	0		0		0	18	6	12900	0
THAC049	30	33	P581464	2	4	0		0		0	16	6	26900	0
THAC050	0	3	P581465	4	5	0		1		0	10	6	151000	0
THAC050	3	6	P581466	0	2	0		2		0	20	6	3000	0
THAC050	6	9	P581467	0	0	0		1		0	22	0	2900	0
THAC050	9	12	P581468	0	0	0		2		0	16	0	6500	0
THAC050	12	15	P581469	0		0		0		0	14	0	10400	0
THAC050	15	18	P581470	1		0		0		0	20	0	3450	0
THAC050	18	21	P581471	0		0		1		0	24	0	6300	0
THAC050	21	24	P581472	2	2	0		0		0	14	0	18900	0
THAC050	24	27	P581473	0		0		0		0	22	0	10400	0
THAC050	27	29	P581474	2	4	0		0		0	10	0	24600	0
THAC051	0	3	P581475	5	6	0		1		0	16	0	157000	0
THAC051	3	6	P581476	0		0		3		0	38	0	3250	0
THAC051	6	9	P581477	0		0		3		0	60	0	1850	0
THAC051	9	12	P581478	0		0		1		0	22	0	7750	0
THAC051	12	15	P581479	0		0		2		0	24	0	9700	0
THAC051	15	18	P581480	0		0		2		0	36	0	3200	0
THAC051	18	21	P581481	0		0		1		0	20	0	8200	0
STD			P581482	93		0		5		0	110	0	5450	0
THAC052	0	3	P581483	10	10	0		6		0	14	0	104000	0
THAC052	3	6	P581484	5	6	20		15		0	16	16	1250	0
THAC052	6	9	P581485	5	7	20		11		0	8	12	950	0
THAC052	9	12	P581486	3	5	20		9		0	10	18	1550	0
THAC052	12	15	P581487	5		15		6		0	10	16	16400	0
THAC052	15	18	P581488	9		10		6		0	12	8	32400	0
THAC052	18	21	P581489	83		10		6		0	12	12	30600	0
THAC052	21	24	P581490	46		5		4		0	14	16	41900	0
THAC052	24	27	P581491	48	45	10		8		0	14	6	30400	0
THAC052	27	30	P581492	54	55	10		6		0	14	10	39600	0

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC052	30	33	P581493	63		5		6		0	16	8	29000	0
THAC052	33	36	P581494	8		5		6		0	10	12	49800	0
THAC052	36	39	P581495	12		5		5		0	12	8	69700	0
THAC052	39	42	P581496	3		5		4		0	10	10	56900	0
THAC052	42	43	P581497	1		5		3		0	12	0	58000	0
THAC053	0	3	P581498	4		0		0		0	10	0	75700	0
THAC053	3	6	P581499	0		0		0		0	14	6	2600	0
THAC053	6	9	P581500	44		0	0	2	2	0	16	0	2050	0
THAC053	9	12	P581501	0		0		1		0	18	0	2200	0
THAC053	12	15	P581502	1	1	0	0	2	0	0	16	0	4100	0
THAC053	15	18	P581503	2		0		2		0	16	0	3550	0
THAC053	18	21	P581504	1		0		5		0	24	0	2000	0
THAC053	21	24	P581505	0		0		1		0	16	0	5800	0
THAC054	0	3	P581506	1		0		0		0	10	0	18700	0
THAC054	3	6	P581507	0		0		0		0	6	0	1450	0
THAC054	6	9	P581508	0		0		0		0	4	0	1450	0
THAC054	9	12	P581509	0		0		0		0	4	0	1250	0
THAC054	12	15	P581510	0		0		0		0	4	0	1200	0
THAC055	0	3	P581511	0		0		0		0	8	0	34200	0
THAC055	3	6	P581512	0		0		0		0	8	0	1600	0
THAC055	6	9	P581513	0		0		1		0	16	0	6300	0
THAC055	9	12	P581514	0		0		0		0	6	0	850	0
THAC055	12	15	P581515	0		0		0		0	6	6	1100	0
THAC055	15	18	P581516	0		0		0		0	8	0	480	0
THAC055	18	21	P581517	0		0		0		0	10	0	550	0
THAC055	21	24	P581518	2		0		0		0	10	0	1050	0
THAC055	24	27	P581519	2		0		0		0	6	0	2550	0
THAC055	27	30	P581520	0		0		0		0	10	0	1100	0
THAC055	30	33	P581521	0		0		0		0	8	0	650	0
THAC055	33	36	P581522	2		0		0		0	8	0	480	0
THAC055	36	39	P581523	1		0		0		0	6	0	460	0
THAC055	39	42	P581524	1		0		2		0	10	0	250	0
THAC055	42	45	P581525	0		0		0		0	6	0	370	0
THAC055	45	48	P581526	1		0		0		0	12	0	370	0
THAC055	48	51	P581527	6		0		0		0	10	0	380	0
THAC055	51	54	P581528	1		0		0		0	6	6	270	0
THAC055	54	57	P581529	0		0		0		0	6	0	410	0
THAC055	57	60	P581530	1		0		0		0	4	0	440	0
THAC055	60	63	P581531	1		0		0		0	8	0	430	0
THAC055	63	66	P581532	2		0		0		0	10	0	550	0
THAC055	66	69	P581533	2		0		0		0	10	0	2900	0

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC055	69	72	P581534	1		0		0		0	14	0	1700	0
THAC055	72	75	P581535	1		0		1		0	8	0	1900	0
THAC055	75	78	P581536	1		0		1		0	6	0	1500	0
THAC055	78	80	P581537	2		0		0		0	6	0	1450	0
STD			P581538	98		0		5		0	100	0	5350	0
THAC056	0	3	P581539	2		0		0		0	6	0	28900	0
THAC056	3	6	P581540	1		0		0		0	10	0	3550	0
THAC056	6	9	P581541	1		0		1		0	6	0	5000	0
THAC056	9	12	P581542	2		0		2		0	6	0	3650	0
THAC056	12	15	P581543	2		0		1		0	0	0	1400	0
THAC056	15	18	P581544	0		0		0		0	8	0	2600	0
THAC056	18	21	P581545	2	2	0	0	0	0	0	4	0	1850	0
THAC056	21	24	P581546	4		0		1		0	16	0	3900	0
THAC056	24	27	P581547	1		0		0		0	4	0	750	0
THAC056	27	30	P581548	0		0		0		0	8	0	800	0
THAC056	30	33	P581549	0		0		0		0	6	0	480	0
THAC056	33	36	P581550	2		0		2		0	8	0	370	0
THAC056	36	39	P581551	1		0		2		0	12	0	430	0
THAC056	39	42	P581552	0		0		0		0	10	0	370	0
THAC056	42	45	P581553	1		0		2		0	6	0	380	0
THAC056	45	47	P581554	0		0		0		0	8	0	750	0
THAC057	0	3	P581555	2		0		0		0	6	0	36500	0
THAC057	3	6	P581556	1		0		0		0	8	0	2600	0
THAC057	6	9	P581557	2		0		0		0	6	0	1750	0
THAC057	9	12	P581558	0		0		0		0	6	0	3700	0
THAC057	12	15	P581559	0		0		0		0	4	0	1150	0
THAC057	15	18	P581560	1		0		0		0	8	0	1450	0
THAC057	18	21	P581561	3		0		0		0	8	6	1200	0
THAC057	21	24	P581562	4	4	0		1		0	16	6	2300	0
THAC057	24	27	P581563	3	3	0	0	0	0	0	12	0	950	0
THAC057	27	30	P581564	1		0		0		0	10	0	750	0
THAC057	30	33	P581565	0		0		0		0	8	0	550	0
THAC057	33	36	P581566	2		0		0		0	4	0	500	0
THAC057	36	39	P581567	0		0		0		0	6	0	450	0
THAC057	39	42	P581568	0		0		0		0	10	0	330	0
THAC057	42	45	P581569	1		0		0		0	10	0	370	0
THAC057	45	48	P581570	0		0		0		0	12	0	650	0
THAC057	48	51	P581571	1		0		2		0	14	0	500	0
THAC057	51	54	P581572	2		0		3		0	12	0	500	0
THAC057	54	57	P581573	13	14	10		7		0	12	0	500	0
THAC057	57	60	P581574	4		0		0		0	12	0	1400	0

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC057	60	63	P581575	9		10		5		0	14	0	10900	0
THAC057	63	66	P581576	3		0		5		0	16	0	12800	0
THAC057	66	69	P581577	2		0		1		0	8	0	13300	0
THAC057	69	72	P581578	13		0		0		0	14	0	20800	0
THAC057	72	75	P581579	0		0		0		0	10	0	34300	0
THAC057	75	78	P581580	1		0		2		0	10	0	35500	0
THAC058	0	3	P581581	2		0		0		0	8	0	64800	0
THAC058	3	6	P581582	0		0		0		0	10	0	6150	0
THAC058	6	9	P581583	0		0		2		0	8	0	7250	0
THAC058	9	12	P581584	0		0		0		0	4	0	1800	0
THAC058	12	15	P581585	0		0		0		0	6	0	1050	0
THAC058	15	18	P581586	0		0		0		0	8	0	1250	0
THAC058	18	21	P581587	0		0		0		0	8	0	1750	0
THAC058	21	24	P581588	0		0		0		0	8	0	1800	0
THAC058	24	27	P581589	2		0		0		0	8	0	850	0
THAC058	27	30	P581590	2		0		0		0	8	0	1800	0
THAC058	30	33	P581591	0		0		0		0	8	0	16200	0
THAC058	33	36	P581592	0		0		0		0	8	6	35700	0
STD			P581593	97	I.S.	0	I.S.	4	I.S.	0	110	0	5350	0
THAC058	36	39	P581594	0		0		0		0	10	6	42500	0
THAC058	39	42	P581595	0		0		0		0	4	0	26000	0
THAC058	42	45	P581596	0		0		0		0	10	8	44200	0
THAC058	45	48	P581597	0		0		0		0	12	0	54800	0
THAC058	48	51	P581598	0		0		0		0	12	0	59200	0
THAC058	51	54	P581599	0		0		0		0	10	0	59500	0
THAC058	54	57	P581600	0		0		0		0	8	0	57700	0
THAC058	57	61	P581601	0		0		0		0	10	0	63600	0
THAC059	0	3	P581602	2		0		0		0	12	0	109000	0
THAC059	3	6	P581603	1		0		0		0	8	0	16300	0
THAC059	6	9	P581604	0		0		0		0	8	0	14700	0
THAC059	9	12	P581605	0		0		0		0	4	0	7200	0
THAC059	12	15	P581606	0		0		0		0	8	0	4900	0
THAC059	15	18	P581607	1	0	5	5	4	4	0	0	0	18200	0
THAC059	18	21	P581608	0		0		0		0	6	0	3100	0
THAC059	21	24	P581609	0		0		0		0	8	0	4050	0
THAC059	24	27	P581610	0		0		2		0	6	0	49100	0
THAC059	27	30	P581611	0		0		0		0	6	0	58400	0
THAC059	30	33	P581612	0		0		0		0	8	0	72600	0
THAC059	33	36	P581613	0	0	0	0	0	0	0	4	0	74500	0
THAC059	36	38	P581614	0		0		1		0	6	0	71100	0
THAC060	0	3	P581615	0		0		2		0	6	0	90700	0

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC060	3	6	P581616	0		0		1		0	12	0	16700	0
THAC060	6	9	P581617	0		0		0		0	8	0	4450	0
THAC060	9	12	P581618	0		0		0		0	6	0	2900	0
THAC060	12	15	P581619	0		0		2		0	4	0	1900	0
THAC060	15	18	P581620	0		0		2		0	6	0	1750	0
THAC060	18	21	P581621	0		0		2		0	10	0	2350	0
THAC060	21	24	P581622	0		0		0		0	8	0	19200	0
THAC060	24	27	P581623	0		0		0		0	6	0	41300	0
THAC060	27	30	P581624	0		0		1		0	8	0	68100	0
THAC060	30	33	P581625	0		0		1		0	10	0	57700	0
THAC060	33	36	P581626	0		0		3		0	10	0	37800	0
THAC060	36	39	P581627	0		0		2		0	6	0	54100	0
THAC060	39	42	P581628	0		0		2		0	12	0	40600	0
THAC060	42	45	P581629	0		0		2		0	8	0	58600	0
THAC060	45	48	P581630	0		0		0		0	6	0	63300	0
THAC060	48	51	P581631	0		0		0		0	6	0	75300	0
THAC060	51	54	P581632	1		0		0		0	6	0	82600	0
THAC060	54	57	P581633	0		0		0		0	4	0	28500	0
THAC061	0	3	P581634	1		0		2		0	6	0	99700	0
THAC061	3	6	P581635	0		0		2		0	10	0	7600	0
THAC061	6	9	P581636	0		0		2		0	12	0	7750	0
THAC061	9	12	P581637	0		0		3		0	8	0	11200	0
THAC061	12	15	P581638	0		0		0		0	6	0	52600	0
THAC061	15	18	P581639	0		0		0		0	8	0	62100	0
THAC061	18	21	P581640	0		0		0		0	8	0	58600	0
THAC061	21	24	P581641	0		0		0		0	8	0	66300	0
THAC061	24	27	P581642	0		0		0		0	10	0	56900	0
THAC061	27	30	P581643	0		0		0		0	4	0	56000	0
THAC061	30	33	P581644	0		0		2		0	6	0	61100	0
THAC061	33	36	P581645	0		0		1		0	8	0	68000	0
THAC061	36	38	P581646	0		0		0		0	8	0	67400	0
STD			P581647	85	I.S.	0	I.S.	4	I.S.	0	105	0	5600	0
THAC062	0	3	P581648	2		0		0		0	6	0	104000	0
THAC062	3	6	P581649	0		0		0		0	8	0	24700	0
THAC062	6	9	P581650	0		0		0		0	10	0	22000	0
THAC062	9	12	P581651	0		0		0		0	6	0	1750	0
THAC062	12	15	P581652	0		0		0		0	4	0	4850	0
THAC062	15	18	P581653	0		0		0		0	8	0	31700	0
THAC062	18	21	P581654	0		0		0		0	6	0	48800	0
THAC062	21	24	P581655	0		0		0		0	10	0	52900	0
THAC062	24	27	P581656	0		0		0		0	10	6	48000	0

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC062	27	30	P581657	1		0		0		0	8	0	58000	0
THAC062	30	33	P581658	2	1	0	0	0	0	0	8	0	59700	0
THAC062	33	35	P581659	2		0		0		0	4	6	66300	0
THAC063	0	3	P581660	2		0		0		0	6	0	95000	0
THAC063	3	6	P581661	2		0		0		0	6	0	15700	0
THAC063	6	9	P581662	2		0		0		0	4	0	4100	0
THAC063	9	12	P581663	1		0		0		0	8	6	800	0
THAC063	12	15	P581664	1		0		0		0	4	0	700	0
THAC063	15	18	P581665	1		0		0		0	12	6	2950	0
THAC063	18	21	P581666	0		0		0		0	12	0	12900	0
THAC063	21	24	P581667	0		0		0		0	8	0	58500	0
THAC063	24	27	P581668	0		0		0		0	8	0	65000	0
THAC063	27	30	P581669	1		0		0		0	4	0	29100	0
THAC064	0	3	P581670	1		0		0		0	6	0	46000	0
THAC064	3	6	P581671	1		0		0		0	6	0	10000	0
THAC064	6	9	P581672	1		0		0		0	10	0	2750	0
THAC064	9	12	P581673	0		0		0		0	6	0	380	0
THAC064	12	15	P581674	1		0		0		0	8	0	440	0
THAC064	15	18	P581675	1		0		0		0	0	0	700	0
THAC064	18	20	P581676	0		0		0		0	0	0	1550	0
THAC065	0	3	P581677	2		0		0		0	8	0	74000	0
THAC065	3	6	P581678	1		0		0		0	12	0	1400	0
THAC065	6	9	P581679	2		0		0		0	10	6	7700	0
THAC065	9	12	P581680	2		0		0		0	18	8	550	0
THAC065	12	15	P581681	1		0		0		0	6	0	430	0
THAC065	15	18	P581682	0		0		0		0	10	0	390	0
THAC065	18	21	P581683	2		0		0		0	12	0	1000	0
THAC065	21	24	P581684	1		0		0		0	6	6	38000	0
THAC065	24	27	P581685	0		0		0		0	10	0	45700	0
THAC065	27	30	P581686	0		0		0		0	8	0	65500	0
THAC065	30	33	P581687	0		0		0		0	8	0	67200	0
THAC065	33	36	P581688	1		0		0		0	6	0	50100	0
STD			P581689	92		0		4		0	110	0	5300	0
THAC066	0	3	P581690	3		0		0		0	8	0	80300	0
THAC066	3	6	P581691	2		0		0		0	12	0	6450	0
THAC066	6	9	P581692	1		0		0		0	6	0	1500	0
THAC066	9	12	P581693	2		0		0		0	6	0	1850	0
THAC066	12	15	P581694	1		0		0		0	6	0	9250	0
THAC066	15	18	P581695	0	1	0	0	0	0	0	4	0	2800	0
THAC066	18	22	P581696	3		0		0		0	0	6	290	0
THAC066	22	25	P581697	5	5	0		0		0	0	0	490	0

Hole	from	to	sample no.	Au	Au Dp1	Pt	Pt Dp1	Pd	Pd Dp1	Ag	As	Bi	Ca	Cd
	metres	metres		ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm
				FA3E	FA3E	FA3E	FA3E	FA3E	FA3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC066	25	28	P581698	1		0		0		0	6	8	280	0
THAC066	28	31	P581699	2		0		0		0	4	0	250	0
THAC066	31	34	P581700	1		0		0		0	0	0	380	0
THAC066	34	37	P581701	2		0		0		0	4	0	310	0
THAC066	37	40	P581702	2		0		0		0	4	0	250	0
THAC066	40	43	P581703	2		0		0		0	4	0	460	0
THAC066	43	46	P581704	3		0		0		0	0	0	260	0
THAC066	46	49	P581705	2		0		0		0	8	0	270	0
THAC066	49	52	P581706	0		0		0		0	12	6	1850	0
THAC066	52	55	P581707	0		0		0		0	10	8	3750	0
THAC066	55	58	P581708	0		0		0		0	8	6	31100	0
THAC066	58	61	P581709	0		0		0		0	6	6	17000	0
THAC066	61	63	P581710	0		0		0		0	10	0	35200	0
THAC067	0	3	P581711	1		0		0		0	0	0	49100	0
THAC067	3	6	P581712	1		0		0		0	6	0	25000	0
THAC067	6	9	P581713	0		0		0		0	4	0	2000	0
THAC067	9	12	P581714	0		0		0		0	4	0	3300	0
THAC067	12	15	P581715	0		0		0		0	8	0	2250	0
THAC067	15	18	P581716	0		0		0		0	10	0	950	0
THAC067	18	21	P581717	0		0		0		0	6	6	290	0
THAC067	21	24	P581718	1		0		0		0	6	0	310	0
THAC067	24	27	P581719	0		0		0		0	6	0	220	0
THAC067	27	30	P581720	1		0		0		0	10	0	240	0
THAC067	30	33	P581721	0		0		0		0	10	0	420	0
THAC067	33	36	P581722	0		0		0		0	12	0	420	0
THAC067	36	39	P581723	0	0	0	0	0	0	0	4	0	650	0
THAC067	39	42	P581724	0		0		0		0	6	0	20200	0

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
				2	2	2	100	10	10	5	3	10	5	2
THAC015	0	3	P581001	30	9	40	24	22500	10000	5000	145	0	3250	0
THAC015	3	6	P581002	30	10	105	40	43700	10400	5850	180	6	4750	8
THAC015	6	9	P581003	20	11	78	115	41100	7250	4650	165	20	3750	6
THAC015	9	12	P581004	0	8	64	70	32200	4550	1550	60	4	2350	6
THAC015	12	15	P581005	0	10	64	62	30900	15800	1800	76	6	2950	6
THAC015	15	18	P581006	0	13	35	41	29100	23800	3950	78	4	13400	6
THAC015	18	21	P581007	65	16	24	34	28600	15900	4500	125	0	19400	6
THAC015	21	24	P581008	110	19	21	82	32700	19300	5350	170	8	6250	0
THAC015	24	27	P581009	175	22	20	48	29200	20200	5500	360	0	6500	0
THAC015	27	30	P581010	220	26	24	76	27500	20200	5000	420	0	5100	6
THAC015	30	33	P581011	100	44	37	140	34900	26200	6200	2050	8	4250	6
THAC015	33	36	P581012	75	64	410	220	54900	26400	4700	2550	10	4250	6
THAC015	36	39	P581013	80	35	280	110	32300	23100	4050	2700	0	4500	8
THAC015	39	42	P581014	95	12	20	43	12300	28500	1850	150	0	3800	6
THAC015	42	45	P581015	65	15	29	46	31000	27900	1950	310	0	3500	6
THAC015	45	48	P581016	65	16	24	39	20700	28200	3050	175	0	9200	0
THAC015	48	51	P581017	50	17	27	39	25000	25300	5500	160	0	24000	0
THAC016	0	3	P581018	35	11	64	35	25100	10400	6650	185	0	4050	0
THAC016	3	6	P581019	35	18	500	58	61100	8000	12000	230	4	6900	6
THAC016	6	9	P581020	20	76	1600	56	74000	2700	70900	1200	8	8800	0
THAC016	9	12	P581021	15	96	2500	44	89700	1650	80600	1050	6	10200	0
THAC016	12	15	P581022	0	84	3300	60	106000	1650	64600	480	0	10600	0
THAC016	15	18	P581023	25	56	1500	88	83300	1650	66200	1200	0	10100	0
THAC016	18	21	P581024	55	54	1400	72	64100	3500	90900	650	0	7450	0
THAC016	21	24	P581025	140	60	460	96	61700	13500	27600	3200	0	16200	0
THAC016	24	27	P581026	15	150	1500	130	101000	1900	73400	7950	0	12800	0
THAC016	27	30	P581027	0	110	1950	76	104000	1200	112000	3450	4	8200	0
THAC016	30	33	P581028	0	84	1600	54	73200	750	129000	1900	4	5050	0
THAC016	33	36	P581029	0	88	1800	25	68800	700	131000	1800	6	4800	0
THAC016	36	39	P581030	0	72	1700	68	74400	900	128000	2050	4	5050	0
STD			P581031	90	60	1000	420	88600	25000	6750	370	8	1450	12
THAC017	0	3	P581032	25	11	110	35	26900	8200	8250	210	0	3850	0
THAC017	3	6	P581033	15	140	2300	58	118000	4100	11900	250	6	6350	0
THAC017	6	9	P581034	0	240	3300	62	125000	1600	25000	400	6	8750	0
THAC017	9	12	P581035	0	170	2350	80	89900	850	99200	800	4	8850	0
THAC017	12	15	P581036	0	200	2500	74	95900	1000	119000	900	0	7700	0
THAC018	0	3	P581037	20	12	90	30	21600	7900	8250	155	4	3400	0
THAC018	3	6	P581038	10	39	950	70	48500	3950	54700	550	4	7450	0
THAC018	6	9	P581039	0	68	1500	130	66200	1100	93000	750	0	9650	0
THAC018	9	12	P581040	15	135	1600	88	107000	1000	94900	950	6	8600	0

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC018	12	15	P581041	15	105	1800	135	93600	800	84800	900	0	7050	0
HAC018	15	18	P581042	0	90	2050	44	89400	750	102000	1050	0	6600	0
HAC019	0	3	P581043	25	9	105	26	31200	6800	6600	150	6	2700	0
THAC019	3	6	P581044	20	24	650	47	63100	6500	6450	220	0	6350	0
THAC019	6	9	P581045	0	80	2850	105	102000	4900	7650	280	6	5650	6
THAC019	9	12	P581046	0	120	3500	170	203000	2050	10200	400	0	5400	6
THAC019	12	15	P581047	15	135	4350	120	126000	800	53800	500	0	7900	0
THAC019	15	18	P581048	30	210	2650	92	98800	650	113000	750	0	8850	0
THAC019	18	21	P581049	0	185	1900	72	87200	950	88800	800	0	10900	0
THAC019	21	24	P581050	0	145	470	92	73900	1900	37700	6900	0	22300	0
THAC019	24	27	P581051	0	70	550	84	69000	1650	56900	1650	0	23700	0
THAC020	0	3	P581052	20	15	310	32	19600	4850	7900	200	6	4000	0
THAC020	3	6	P581053	0	72	2950	72	41700	1600	5000	310	4	4000	0
THAC020	6	9	P581054	0	200	4300	170	177000	700	6600	1000	4	4250	0
THAC020	9	12	P581055	0	155	2950	170	201000	430	9100	650	0	4600	0
THAC020	12	15	P581056	0	110	2450	110	142000	440	27500	550	0	5800	0
STD			P581057	85	72	1100	420	88900	25000	6550	400	6	1500	10
THAC021	0	3	P581058	20	11	78	28	20500	6700	5100	105	4	2850	0
THAC021	3	6	P581059	10	11	120	26	13700	7000	6350	82	0	4900	0
THAC021	6	9	P581060	0	10	310	32	11900	7950	4800	70	0	4100	6
THAC021	9	12	P581061	65	17	430	44	7300	6150	3350	64	6	4200	6
THAC021	12	15	P581062	70	14	160	33	6500	8450	2700	50	0	3350	6
THAC021	15	18	P581063	90	14	115	30	8150	17700	2550	80	0	3350	6
THAC021	18	21	P581064	95	38	750	130	55900	13400	10600	240	4	5950	0
THAC021	21	24	P581065	80	86	800	66	57000	19500	25100	600	6	17100	0
THAC021	24	27	P581066	25	86	1400	110	111000	3550	41700	500	4	7950	0
THAC021	27	30	P581067	45	48	550	68	47800	15500	29800	320	6	21200	0
THAC021	30	33	P581068	40	26	88	33	33700	23100	13500	260	0	30400	0
THAC022	0	3	P581069	20	23	230	35	24100	6550	13800	180	4	4000	0
THAC022	3	6	P581070	10	115	1950	50	82300	3900	56300	480	0	10400	0
THAC022	6	9	P581071	0	150	2200	50	85600	1400	87800	950	0	10900	0
THAC022	9	12	P581072	0	165	2100	54	82100	1150	102000	1150	0	9500	0
THAC022	12	15	P581073	0	145	2000	46	79500	1150	109000	1250	4	8750	0
THAC022	15	18	P581074	0	100	1850	58	75600	1200	114000	1150	0	10100	0
THAC022	18	21	P581075	0	105	1800	90	76100	1150	117000	1650	4	11500	0
THAC022	21	24	P581076	0	115	1550	68	69600	950	114000	1650	0	10300	0
THAC022	24	27	P581077	0	86	1550	110	67100	1200	125000	1250	4	12400	0
THAC022	27	30	P581078	0	105	1950	48	75500	850	117000	1350	4	7250	0
THAC022	30	33	P581079	0	105	1850	40	71700	850	102000	1200	0	6900	0
THAC022	33	36	P581080	0	110	1850	52	72200	900	102000	1300	0	6850	0

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC022	36	39	P581081	0	110	2050	43	73600	850	104000	1250	0	6600	0
THAC023	0	3	P581082	25	9	62	28	19200	6450	7650	115	0	3000	0
THAC023	3	6	P581083	15	39	320	72	77300	4250	14400	180	0	7200	0
THAC023	6	9	P581084	0	26	420	82	92200	2400	15200	320	0	7450	0
THAC023	9	12	P581085	0	27	550	90	106000	3600	13300	450	0	7200	0
THAC023	12	15	P581086	0	30	900	86	82900	3450	24600	400	4	6350	0
THAC023	15	18	P581087	80	94	2700	120	101000	1150	43800	1400	0	8850	0
THAC023	18	21	P581088	105	270	2300	150	98200	1100	79800	1700	0	11000	0
THAC023	21	24	P581089	0	250	2000	105	93400	950	84800	3550	0	9100	0
THAC023	24	27	P581090	0	96	2000	58	89000	600	125000	750	0	6100	0
THAC023			P581091	85	56	950	400	82900	23300	6500	370	12	1400	10
THAC023	27	30	P581092	0	62	1850	22	86900	900	133000	380	0	4900	0
THAC023	30	33	P581093	0	86	1400	54	68200	500	140000	1150	0	4100	0
THAC023	33	36	P581094	0	76	1400	56	62100	400	140000	1200	0	3650	0
THAC023	36	39	P581095	0	82	1550	3	63700	400	134000	1300	0	4200	0
THAC024	0	3	P581096	20	13	185	36	23700	4550	17000	180	0	2600	0
THAC024	3	6	P581097	15	60	1500	78	118000	2600	34400	155	0	5600	0
THAC024	6	9	P581098	0	74	2050	66	139000	800	43700	170	0	5350	0
THAC024	9	12	P581099	0	72	2150	52	95500	470	65200	230	0	5050	0
THAC024	12	15	P581100	0	78	2100	49	107000	440	68800	300	0	4800	0
THAC024	15	18	P581101	40	105	1800	68	97400	410	95000	410	0	4850	0
THAC024	18	21	P581102	20	135	1750	25	83800	490	117000	440	0	5350	0
THAC024	21	24	P581103	0	220	1900	38	99000	390	127000	1100	0	4950	0
THAC024	24	27	P581104	0	115	1550	54	77800	600	122000	420	0	6200	0
THAC024	27	30	P581105	0	110	1550	46	73700	480	137000	400	0	5100	0
THAC024	30	33	P581106	0	100	1550	41	72100	390	140000	430	0	4350	0
THAC024	33	36	P581107	0	90	1700	46	72800	470	139000	550	0	4800	0
THAC024	36	39	P581108	0	90	1500	49	71500	440	141000	650	0	4500	0
THAC024	39	42	P581109	0	90	1700	50	73300	450	129000	460	0	4950	0
THAC024	42	44	P581110	0	86	1850	48	77000	500	127000	310	0	5550	0
THRC025	0	3	P581111	30	5	30	16	17800	13800	8150	92	4	5750	8
THRC025	3	6	P581112	75	0	9	28	17500	34000	3250	28	4	15100	20
THRC025	6	9	P581113	105	4	19	30	21200	33300	3200	36	4	20600	22
THRC025	9	12	P581114	90	5	24	21	20900	23100	2900	74	4	26400	24
THRC025	12	13	P581115	110	8	17	17	27200	28700	3100	88	4	31100	24
THRC026	0	3	P581116	20	42	270	19	35400	6750	19300	230	0	6300	0
THRC026	3	6	P581117	10	300	1250	36	68900	2800	86800	1000	0	9400	0
THRC026	6	9	P581118	0	380	1250	31	81700	2300	75200	900	0	10900	0
THRC026	9	12	P581119	0	195	4000	58	124000	950	81300	360	0	9750	0
THRC026	12	15	P581120	0	550	4850	40	113000	800	63200	2150	0	8300	0

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
THRC026	15	18	P581121	0	850	4500	60	120000	950	78900	2900	0	7550	6
THRC026	18	21	P581122	0	650	5350	66	133000	1100	75200	2800	0	8850	8
THRC026	21	24	P581123	0	320	3400	49	101000	950	85100	2000	0	7850	0
THRC026	24	27	P581124	0	195	3550	31	82500	750	66400	1600	0	6050	0
THRC026	27	30	P581125	0	185	3400	36	96600	900	77100	1450	0	7400	0
THRC026	30	33	P581126	0	210	2900	48	100000	950	90800	1550	0	8500	6
THRC026	33	36	P581127	0	180	2700	54	94400	900	97800	1700	0	7750	0
THRC026	36	37	P581128	0	105	2000	27	74100	550	132000	1000	0	4800	0
THRC027	0	3	P581129	25	19	480	31	55500	8200	11600	220	4	4900	10
THRC027	3	6	P581130	0	74	1750	37	76600	2850	61900	440	0	7150	0
THRC027	6	9	P581131	0	330	2300	40	91200	1050	94100	1600	0	6950	0
THRC027	9	12	P581132	0	145	2600	35	95600	800	99600	1000	0	7200	0
THRC027	12	15	P581133	0	165	2050	29	82900	700	104000	1750	0	6000	0
THRC027	15	18	P581134	0	160	2200	41	83600	700	108000	2050	0	6400	0
THRC027	18	21	P581135	0	115	2100	31	80100	650	112000	1450	0	5900	0
THRC027	21	24	P581136	0	105	2250	23	82300	750	107000	1350	0	6400	0
THRC027	24	27	P581137	0	125	2000	31	80600	700	110000	1750	0	6250	0
THRC027	27	30	P581138	0	105	1950	43	77800	700	112000	1600	0	5850	0
THRC027	30	31	P581139	0	115	1800	31	73600	600	105000	1450	0	5200	0
STD			P581140	75	60	950	410	84100	23100	6250	360	10	1300	16
THRC028	0	3	P581141	25	14	310	30	42600	7800	13300	210	0	4950	6
THRC028	3	6	P581142	20	14	260	25	38500	7550	7750	145	4	11500	6
THRC028	6	9	P581143	0	11	76	9	28900	3500	6100	84	4	23300	6
THRC028	9	12	P581144	0	12	48	15	27300	3750	4400	82	6	26900	10
THRC028	12	15	P581145	0	10	54	9	32400	4650	5500	98	4	27200	6
THRC028	15	18	P581146	0	9	34	22	30900	7500	6150	105	0	29200	6
THRC028	18	21	P581147	50	7	25	33	31000	9450	6500	120	0	28500	6
THRC028	21	24	P581148	55	7	28	21	24900	15400	6000	170	0	26400	6
THRC028	24	25	P581149	100	6	45	27	29800	17500	9800	200	4	23600	6
THRC029	0	3	P581150	30	20	320	16	40000	8900	11700	200	0	5900	8
THRC029	3	6	P581151	15	115	1600	36	74100	4100	66700	600	0	5750	0
THRC029	6	9	P581152	0	240	2800	74	100000	850	96900	1200	0	7950	0
THRC029	9	12	P581153	0	310	3050	58	101000	750	96200	2050	0	7900	0
THRC029	12	15	P581154	0	270	2400	60	90000	650	106000	3350	0	6450	0
THRC029	15	18	P581155	0	130	2150	52	80900	550	120000	1700	0	5950	0
THRC029	18	21	P581156	0	120	2100	70	79500	600	123000	1600	0	6150	0
THRC029	21	24	P581157	0	360	5150	47	154000	750	73500	3100	0	7900	8
THRC029	24	27	P581158	0	220	9700	41	233000	700	60500	2650	0	6950	18
THRC029	27	30	P581159	0	130	13500	28	233000	650	49500	600	0	6500	18
THRC029	30	33	P581160	0	210	4100	12	126000	480	119000	1500	0	5700	0

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
THRC029	33	36	P581161	0	175	2500	24	85700	380	140000	3150	0	4100	0
THRC029	36	37	P581162	0	200	2600	26	88900	340	161000	2850	0	4400	0
THRC030	0	3	P581163	35	32	600	30	55800	8750	16600	320	0	5300	8
THRC030	3	6	P581164	0	210	1400	21	72300	1850	97400	850	0	8950	0
THRC030	6	9	P581165	0	150	1750	21	76900	800	110000	750	0	10400	0
THRC030	9	12	P581166	0	160	1650	43	86700	800	108000	1100	0	8450	0
THRC030	12	15	P581167	0	165	1700	140	81900	700	108000	1900	0	9450	0
THRC030	15	18	P581168	0	130	2150	98	70000	550	126000	2000	0	6850	0
THRC030	18	21	P581169	0	155	3000	86	82000	550	111000	3750	0	6750	0
THRC030	21	24	P581170	20	170	3300	70	97000	600	79300	3150	0	6850	0
THRC030	24	27	P581171	0	125	2400	125	69500	550	122000	2250	0	5950	0
THRC030	27	30	P581172	0	115	3700	44	70300	500	102000	1700	0	5750	0
THRC030	30	33	P581173	0	120	1900	98	62700	550	122000	1350	0	5750	0
THRC030	33	36	P581174	0	84	1850	34	66000	600	125000	950	0	6700	0
THRC030	36	37	P581175	0	72	1400	34	54800	430	125000	800	0	4900	0
STD			P581176	85	58	850	390	82400	23300	6300	370	8	1350	14
THRC031	0	3	P581177	30	14	250	24	34700	7950	13200	240	4	4150	6
THRC031	3	6	P581178	25	86	2250	40	90500	3300	33200	420	4	7500	6
THRC031	6	9	P581179	0	68	3350	41	123000	800	56600	800	6	7400	6
THRC031	9	12	P581180	0	62	3350	18	120000	600	65900	800	0	8300	6
THRC031	12	15	P581181	0	78	3100	28	122000	600	86300	900	0	9600	6
THRC031	15	18	P581182	0	88	1800	33	82900	650	100000	1900	0	7850	0
THRC031	18	21	P581183	0	140	1800	22	87000	750	105000	2750	0	8650	0
THRC031	21	24	P581184	0	250	2800	21	106000	750	95900	5950	0	9750	0
THRC031	24	27	P581185	0	155	2200	26	91100	750	116000	3500	0	7250	0
THRC031	27	30	P581186	0	84	1400	56	71400	1100	111000	2200	0	8000	0
THRC031	30	33	P581187	25	37	450	49	84800	17900	31000	3350	4	11000	10
THRC031	33	36	P581188	60	26	210	66	106000	9800	20500	4650	4	9100	14
THRC031	36	37	P581189	20	25	90	270	162000	3600	25500	4300	4	9650	14
THRC032	0	3	P581190	25	17	130	33	32900	5650	12500	230	4	4600	0
THRC032	3	6	P581191	0	19	240	100	85800	1850	10700	230	6	5700	10
THRC032	6	9	P581192	0	18	200	120	88300	1200	10000	260	6	6050	10
THRC032	9	12	P581193	0	33	180	155	89100	1950	12100	550	6	6850	8
THRC032	12	15	P581194	10	46	175	185	89700	2400	16600	1150	4	9100	8
THRC032	15	18	P581195	60	180	180	200	84800	2950	24100	3850	6	18000	10
THRC032	18	21	P581196	10	88	200	200	85800	2950	27800	2300	6	19600	8
THRC032	21	24	P581197	0	64	220	185	84100	2800	35900	2150	4	18500	8
THRC032	24	27	P581198	0	56	210	185	82600	2750	41000	2350	4	18500	8
THRC032	27	30	P581199	0	78	1200	120	80200	1350	74700	1900	0	12700	0
THRC032	30	31	P581200	0	90	1750	170	81500	1100	80400	1400	0	9100	6

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
THRC033	0	3	P581201	55	5	29	22	15000	6150	8000	120	4	2500	6
THRC033	3	6	P581202	165	8	31	15	18200	14600	5250	120	6	5300	22
THRC033	6	9	P581203	65	15	64	17	59100	10600	4100	250	8	28300	22
THRC033	9	12	P581204	145	8	9	14	28000	7300	2900	200	6	40200	30
THRC033	12	13	P581205	95	7	8	14	24700	7900	2550	150	6	41300	30
THRC034	0	3	P581206	30	4	74	20	23600	7350	6450	125	4	4750	8
THRC034	3	6	P581207	10	31	600	23	19800	2750	5900	120	4	5300	6
THRC034	6	9	P581208	0	165	2650	100	109000	550	6950	390	10	3850	12
THRC034	9	12	P581209	0	220	3250	155	201000	380	7300	800	6	4200	20
THRC034	12	15	P581210	0	105	2350	150	136000	460	22200	480	6	5900	12
THRC034	15	18	P581211	25	115	2300	105	98000	410	86400	750	0	7600	0
THRC034	18	21	P581212	0	115	1800	52	79900	340	117000	850	0	6050	0
THRC034	21	24	P581213	0	92	1400	70	67900	550	117000	1100	0	7100	0
THRC034	24	25	P581214	0	48	500	37	63900	1550	73000	1400	0	23100	0
THRC035	0	3	P581215	20	10	105	30	17500	7300	12700	145	0	3150	0
THRC035	3	6	P581216	35	5	34	20	23300	12800	10600	210	4	5600	8
THRC035	6	9	P581217	65	14	58	38	34600	17500	16400	750	4	10200	12
THRC035	9	12	P581218	55	10	41	22	30400	17200	14500	220	6	9650	12
THRC035	12	15	P581219	75	6	125	14	43900	8200	7850	170	4	30200	10
THRC035	15	18	P581220	95	45	650	38	90400	7000	24800	700	4	23600	8
THRC035	18	21	P581221	20	66	1000	50	109000	7100	36200	900	4	12700	6
THRC035	21	24	P581222	20	66	950	49	115000	7250	32200	900	4	12600	8
THRC035	24	27	P581223	0	76	1650	50	137000	5300	61000	950	4	11800	12
THRC035	27	30	P581224	0	84	1650	28	106000	2850	114000	850	0	8250	0
THRC035	30	33	P581225	55	38	550	23	63900	17600	51200	600	4	23600	0
THRC035	33	36	P581226	100	21	92	30	37600	21600	16700	380	6	33000	6
THRC035	36	39	P581227	95	10	66	32	27400	13400	11500	270	4	39800	6
THRC035	39	42	P581228	55	22	125	30	46700	14600	25900	1000	8	29900	6
THRC035	42	45	P581229	50	24	96	60	47200	16200	25700	1400	4	26800	10
THRC035	45	48	P581230	50	22	135	37	42600	13600	18400	1550	6	28100	8
THRC035	48	49	P581231	45	21	150	35	40800	8650	26900	1200	4	27500	8
STD			P581232	90	58	900	350	84300	23700	6350	360	12	1350	16
THRC036	0	3	P581233	15	0	17	16	11800	6700	5450	92	4	3400	0
THRC036	3	6	P581234	30	9	25	21	21200	11900	11700	170	6	5850	6
THRC036	6	9	P581235	35	7	34	27	26500	14800	10000	220	6	7700	10
THRC036	9	12	P581236	80	18	44	35	39200	19900	17200	850	4	12700	16
THRC036	12	15	P581237	15	0	12	14	15200	7850	4300	90	4	41500	0
THRC036	15	18	P581238	20	0	14	14	15400	10000	3450	46	4	42500	6
THRC036	18	21	P581239	165	4	19	15	20700	16500	7150	46	6	41800	6
THRC036	21	24	P581240	30	4	14	0	18900	11400	5850	58	4	43300	8

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
THRC036	24	25	P581241	0	0	5	7	7200	1950	480	32	6	53500	6
THRC037	0	3	P581242	20	3	11	0	12700	7800	8900	78	0	3200	0
THRC037	3	6	P581243	45	9	28	26	27700	15600	11000	1050	6	7150	8
THRC037	6	9	P581244	85	18	41	39	35800	18900	18100	2000	6	11800	12
THRC037	9	12	P581245	65	23	36	24	33500	20100	16000	550	4	11400	14
THRC037	12	15	P581246	60	4	19	14	20900	23000	8150	175	8	7050	10
THRC037	15	18	P581247	40	0	7	11	8300	47000	1850	40	6	6350	0
THRC037	18	21	P581248	125	0	6	14	9900	32900	2450	24	4	28700	6
THRC037	21	24	P581249	380	6	48	10	34200	36600	7600	88	6	29700	6
THRC037	24	27	P581250	100	2	4	11	17800	31600	3800	40	6	31100	8
THRC037	27	30	P581251	95	0	4	5	15500	38100	1750	46	4	29700	10
THRC037	30	31	P581252	35	0	6	9	15600	34900	2450	50	4	34800	6
THAC038	0	3	P581253	20	7	26	10	16500	8800	5350	120	4	2750	0
THAC038	3	6	P581254	45	13	94	43	37900	14700	10500	490	4	8750	8
THAC038	6	9	P581255	60	21	43	17	34300	18000	17300	1150	4	11800	14
THAC038	9	12	P581256	45	6	54	18	35000	17700	11800	125	4	9450	14
THAC038	12	15	P581257	0	4	30	8	20300	5800	1550	48	0	3600	22
THAC038	15	18	P581258	0	0	23	0	4950	1750	800	30	0	2600	16
THAC038	18	21	P581259	0	2	28	23	7350	2350	650	70	0	3100	32
THAC038	21	24	P581260	15	0	78	27	11300	8850	1150	48	4	5250	28
THAC038	24	27	P581261	30	3	37	22	4900	25500	1300	22	4	8650	28
THAC038	27	30	P581262	40	0	42	12	7850	18500	1000	68	4	6600	28
THAC038	30	33	P581263	10	4	42	10	6250	5650	550	72	0	2650	20
THAC038	33	36	P581264	0	0	64	12	4900	5650	800	60	0	3150	20
THAC038	36	39	P581265	20	16	230	29	53400	8400	3650	380	0	5800	18
THAC038	39	42	P581266	60	35	1250	72	165000	9200	10300	1150	0	7850	8
THAC038	42	45	P581267	75	41	250	78	41300	23500	10800	300	0	6250	8
THAC038	45	48	P581268	55	30	150	47	37100	27600	10000	330	4	6950	6
THAC038	51	54	P581269	10	60	1250	25	179000	2600	49300	2000	0	6850	0
THAC038	48	51	P581270	20	80	1500	25	118000	4000	61900	4500	0	8250	0
THAC038	54	57	P581271	25	33	490	37	151000	9450	13400	1650	0	5000	0
THAC038	57	60	P581272	30	28	410	42	109000	11800	18000	2150	0	6600	0
THAC038	60	63	P581273	30	12	210	16	159000	12200	15500	4700	0	13900	6
THAC038	63	66	P581274	45	13	66	33	59100	13000	13500	800	0	28200	6
THAC038	66	67	P581275	35	10	56	13	41800	13100	12000	700	0	30900	6
THAC039	0	3	P581276	20	6	28	22	19200	9000	4900	190	0	3000	6
THAC039	3	6	P581277	30	8	33	18	25100	12500	11500	850	4	6750	8
THAC039	6	9	P581278	60	15	49	25	35900	18700	17200	500	4	12300	14
THAC039	9	12	P581279	50	9	54	14	33600	17500	11900	210	0	9500	14
THAC039	12	15	P581280	0	2	23	11	14400	2950	1300	54	0	2300	16

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC039	15	18	P581281	0	0	21	25	5100	1650	800	36	0	2050	22
THAC039	18	21	P581282	20	2	70	41	11900	13900	950	26	4	6000	20
THAC039	21	24	P581283	25	3	27	16	5200	25000	1200	16	4	8300	34
THAC039	24	27	P581284	30	3	39	7	4800	20900	1100	24	4	7400	30
THAC039	27	30	P581285	260	23	115	44	26200	4500	900	145	4	3900	18
THAC039	30	33	P581286	460	175	500	78	103000	1400	2650	550	4	5150	6
THAC039	33	36	P581287	65	100	290	35	170000	3100	1900	1150	0	4500	8
THAC039	36	39	P581288	50	140	900	62	141000	13500	24100	1650	0	8550	6
THAC039	39	42	P581289	60	54	850	74	75800	11700	23600	1400	0	13900	6
THAC039	42	45	P581290	30	58	750	64	79300	6800	39700	1000	0	23100	0
THAC039	45	48	P581291	10	66	900	44	87700	4400	63700	1150	0	16500	0
THAC039	48	51	P581292	0	56	700	88	94100	5100	56600	1150	0	21300	0
THAC039	51	54	P581293	0	52	700	43	82400	5150	50800	1600	0	16200	0
THAC039	54	57	P581294	0	39	270	76	62300	5100	51300	1500	0	22700	0
THAC039	57	60	P581295	0	38	200	110	63200	5050	55600	1750	0	24300	0
THAC039	60	62	P581296	0	40	195	110	62100	5000	52200	1450	0	24700	0
STD			P581297	90	60	1000	400	85200	24300	6450	370	10	1300	12
THAC040	0	3	P581298	20	6	30	21	17800	9000	6800	180	0	3300	6
THAC040	3	6	P581299	50	13	32	19	27400	13600	13900	1750	4	7650	6
THAC040	6	9	P581300	65	20	60	32	41000	19300	20100	750	0	13200	12
THAC040	9	12	P581301	60	8	46	29	35800	19400	14100	190	0	10800	14
THAC040	12	15	P581302	15	5	46	21	7300	5850	1800	78	4	4200	34
THAC040	15	18	P581303	10	2	21	11	7700	10700	1150	28	4	5800	28
THAC040	18	21	P581304	90	3	19	20	8500	6750	1400	24	0	4800	14
THAC040	21	24	P581305	145	4	13	0	5800	6750	1500	14	4	4700	16
THAC040	24	27	P581306	290	2	17	21	10100	4650	1300	18	6	4150	14
THAC040	27	30	P581307	550	3	48	30	16800	900	900	72	0	3750	8
THAC040	30	33	P581308	155	7	92	37	27400	800	1800	175	0	3550	6
THAC040	33	36	P581309	135	35	220	52	59600	4050	10400	250	0	8650	6
THAC040	36	39	P581310	100	36	180	30	58800	4900	20200	200	0	23900	0
THAC040	39	42	P581311	70	33	170	19	71800	3750	20100	270	0	26600	0
THAC040	42	45	P581312	155	23	60	5	35900	5050	29100	260	0	38900	6
THAC040	45	48	P581313	50	58	600	44	53500	1650	103000	1300	0	10200	0
THAC040	48	51	P581314	30	62	800	56	78800	2400	90000	1100	0	11200	0
THAC040	51	52	P581315	85	33	310	41	78800	20400	37200	900	0	14300	0
THAC041	0	3	P581316	30	5	40	25	21400	9900	8350	175	0	3850	0
THAC041	3	6	P581317	40	9	31	17	25200	12700	12600	1050	0	7000	6
THAC041	6	9	P581318	70	14	64	34	38200	19300	20100	750	0	11900	12
THAC041	9	12	P581319	70	11	52	26	33300	17300	12900	270	0	9600	14
THAC041	12	15	P581320	20	10	23	8	17800	7050	5800	195	0	5300	6

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC041	15	18	P581321	15	3	20	4	15500	5000	4000	76	0	5000	0
THAC041	18	21	P581322	45	3	9	5	12400	4100	1950	62	0	4300	0
THAC041	21	24	P581323	220	0	5	0	6200	3800	1250	50	0	3650	6
THAC041	24	27	P581324	650	0	6	9	8100	4650	1450	34	0	4400	8
THAC041	27	30	P581325	700	0	8	8	16100	9800	2800	32	6	4500	8
THAC041	30	33	P581326	260	2	8	8	15500	12400	4000	70	0	22800	0
THAC041	33	36	P581327	250	3	9	9	20300	14000	3950	70	0	25100	0
THAC042	0	3	P581328	40	4	13	14	14000	8350	3650	110	0	3100	0
THAC042	3	6	P581329	60	5	24	24	24900	13200	11300	280	0	7800	6
THAC042	6	9	P581330	125	9	35	28	29900	16300	13400	310	4	11900	10
THAC042	9	12	P581331	85	11	33	25	27100	15300	11400	270	0	9350	10
THAC042	12	15	P581332	20	4	28	13	17700	7450	2600	48	0	3950	20
THAC042	15	18	P581333	0	3	23	15	10800	5450	900	24	0	3800	22
THAC042	18	21	P581334	0	3	16	10	6850	3600	1200	26	0	2600	18
THAC042	21	24	P581335	20	3	17	11	3650	2300	600	32	0	2750	28
THAC042	24	27	P581336	20	7	37	20	7650	4750	800	48	0	3100	28
THAC042	27	30	P581337	35	4	33	14	5250	26200	1300	22	0	9100	30
THAC042	30	33	P581338	45	0	28	17	7050	23100	1150	54	0	7750	28
THAC042	33	36	P581339	15	5	39	23	9400	11300	750	98	0	4300	24
THAC042	36	39	P581340	85	115	2150	115	79700	6850	5050	410	4	5650	12
THAC042	39	42	P581341	40	110	850	94	106000	7450	20800	1150	0	5100	6
THAC042	42	45	P581342	120	33	240	70	41400	16100	10900	650	0	6150	14
THAC042	45	48	P581343	150	31	150	74	96700	20100	14800	4250	0	6600	12
THAC042	48	51	P581344	55	30	115	64	81100	18500	14800	2450	0	7050	18
THAC042	51	54	P581345	60	12	56	24	31800	35600	6150	750	0	5200	22
THAC042	54	57	P581346	70	11	42	6	21300	40200	5300	260	0	4550	12
THAC042	57	60	P581347	90	9	54	22	28000	37200	6150	300	0	5000	10
THAC042	60	63	P581348	75	9	56	34	24600	37900	6300	390	0	7150	12
THAC042	63	66	P581349	85	7	39	24	20600	32400	5550	240	4	16800	14
THAC042	66	69	P581350	75	6	26	15	26200	31300	5050	290	0	19900	10
THAC042	69	72	P581351	85	8	34	18	27800	28900	7000	270	0	16900	8
THAC042	72	75	P581352	80	11	37	11	33900	24200	9500	420	0	22200	10
THAC042	75	78	P581353	70	9	30	14	27200	26800	7800	270	0	25100	10
THAC042	78	80	P581354	70	8	32	22	28900	31400	7600	360	0	27000	12
THAC043	0	3	P581355	35	5	25	15	20000	11100	8800	850	4	3650	6
THAC043	3	6	P581356	50	16	40	6	20700	12400	19100	1750	4	7900	6
THAC043	6	9	P581357	35	17	350	33	95000	13400	9650	650	8	8550	12
THAC043	9	12	P581358	0	12	600	38	93200	3200	2350	650	6	3450	8
THAC043	12	15	P581359	15	26	150	20	46100	7650	2150	420	4	3800	0
THAC043	15	18	P581360	0	52	480	47	55300	1500	900	380	6	3700	0

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC043	18	22	P581361	70	120	1500	58	139000	850	1300	2850	4	5100	0
THAC043	22	25	P581362	60	260	600	66	100000	3300	1700	17100	6	4450	8
THAC043	25	28	P581363	85	17	100	26	31600	3500	1100	290	4	3700	10
THAC043	28	31	P581364	165	50	500	60	46200	2950	1250	2500	4	4200	6
THAC043	31	34	P581365	300	100	700	72	51200	9000	2100	7000	4	4100	6
THAC043	34	37	P581366	240	70	950	70	62300	4300	1850	3900	4	5400	0
THAC043	37	40	P581367	270	260	700	105	123000	4450	2350	12900	4	4600	0
THAC043	40	43	P581368	490	600	600	250	280000	2800	3400	33600	6	4650	8
THAC043	43	46	P581369	700	700	550	280	311000	3350	3650	35000	6	5000	10
THAC043	46	49	P581370	380	340	600	140	255000	4750	3050	23100	6	4500	8
THAC043	49	52	P581371	95	190	250	92	189000	10100	2900	58800	4	4650	6
THAC043	52	55	P581372	35	150	120	76	155000	11000	2800	94000	8	5800	0
THAC043	55	58	P581373	35	135	88	68	148000	11500	3150	61400	6	5350	0
THAC043	58	61	P581374	95	21	39	22	35800	10200	2300	4800	4	5600	10
THAC043	61	64	P581375	130	14	16	19	21300	8600	1700	2750	4	4950	12
STD			P581376	95	60	900	380	82300	24400	6450	380	10	1350	12
THAC043	64	67	P581377	145	14	13	21	22100	8300	1750	1700	0	4900	12
THAC043	67	70	P581378	135	12	22	16	22600	7800	1850	950	0	4800	12
THAC043	70	73	P581379	110	21	35	19	33000	10100	2200	3950	0	4800	10
THAC043	73	76	P581380	70	58	220	35	47600	9300	3600	4500	0	5900	8
THAC043	76	79	P581381	60	66	220	46	77100	6900	5650	10000	0	6050	6
THAC043	79	82	P581382	40	50	170	52	112000	6000	9600	32200	0	5000	0
THAC043	82	83	P581383	40	50	125	25	127000	6200	11200	42500	0	4850	6
THAC044	0	3	P581384	20	6	35	21	20300	9200	5900	1350	4	2700	0
THAC044	3	6	P581385	50	27	72	17	35200	11800	14500	5550	4	8600	6
THAC044	6	9	P581386	45	25	200	22	89400	12800	9850	3700	8	7700	12
THAC044	9	12	P581387	30	45	2850	44	231000	2450	13000	1700	4	9750	8
THAC044	12	15	P581388	320	120	2200	62	89900	2350	50600	6100	0	12900	0
THAC044	15	18	P581389	10	120	1650	64	70200	900	115000	2100	0	10100	0
THAC044	18	21	P581390	0	92	1450	39	62800	800	123000	3600	0	8200	0
THAC044	21	24	P581391	0	86	1400	40	65400	650	123000	2000	0	6400	0
THAC044	24	27	P581392	0	105	1800	70	72500	750	128000	950	0	7450	0
THAC044	27	30	P581393	0	84	1250	30	61300	650	128000	1600	0	6100	0
THAC044	30	33	P581394	0	94	1500	49	73100	750	129000	1050	0	6350	0
THAC044	33	36	P581395	15	84	1300	94	78300	1500	102000	1850	0	13100	0
THAC044	36	39	P581396	0	80	1550	12	77900	600	135000	2400	0	4200	0
THAC044	39	42	P581397	0	92	1500	17	79400	330	143000	3350	0	2850	0
THAC044	42	45	P581398	0	78	1300	25	66900	420	138000	1500	0	4200	0
THAC044	45	48	P581399	0	88	1350	42	73500	300	147000	2200	0	2850	0
THAC044	48	51	P581400	0	88	1400	47	71700	330	154000	2050	0	2700	0

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
STD			P581401	80	66	1000	440	84800	24100	6150	380	10	1350	12
THAC044	51	54	P581402	0	92	1350	39	70500	280	159000	2350	0	2400	0
THAC044	54	57	P581403	0	82	1250	19	63900	240	157000	2250	0	2200	0
THAC044	57	60	P581404	0	88	1200	33	66300	230	157000	2100	0	2350	0
THAC044	60	63	P581405	0	90	1300	40	71500	340	148000	3150	0	3100	0
THAC044	63	66	P581406	0	86	1350	54	72600	280	150000	4200	0	2800	0
THAC044	66	69	P581407	0	94	1500	47	68600	280	158000	1000	0	2700	0
THAC044	69	72	P581408	25	92	1400	29	64700	4100	133000	1400	0	6350	0
THAC045	0	3	P581409	25	10	66	14	21600	10700	9450	220	0	3300	0
THAC045	3	6	P581410	40	22	68	19	26200	12500	17600	1300	0	7900	6
THAC045	6	9	P581411	60	58	84	18	37700	17100	14800	1500	4	10800	14
THAC045	9	12	P581412	95	37	140	44	56300	11600	3000	1450	4	5350	8
THAC045	12	15	P581413	135	33	130	30	51500	7600	1750	400	0	3800	8
THAC045	15	18	P581414	65	48	230	160	66000	2350	1350	500	6	3650	8
THAC045	18	21	P581415	140	24	170	140	61100	3800	1350	400	0	3200	8
THAC045	21	24	P581416	50	5	175	37	18300	4200	1150	650	4	3700	10
THAC045	24	27	P581417	85	6	170	16	16400	6000	1550	1250	4	3950	10
THAC045	27	30	P581418	85	7	155	14	12600	3800	1600	1700	0	4000	10
THAC045	30	33	P581419	95	28	250	27	27100	4200	3850	2500	0	4500	10
THAC045	33	36	P581420	85	25	260	19	42800	10100	6450	2800	0	4150	10
THAC045	36	39	P581421	75	70	210	38	86900	10100	8100	2750	0	3800	8
THAC045	39	42	P581422	75	31	145	30	64400	14300	10700	2400	0	12900	8
THAC045	42	45	P581423	70	29	140	14	54800	18900	13900	2550	0	11700	8
THAC045	45	48	P581424	65	45	360	42	63700	13800	32400	2000	0	15500	0
THAC045	48	51	P581425	0	72	1000	72	79700	2000	88200	1400	0	12000	0
THAC045	51	52	P581426	25	54	650	58	66500	2750	62900	1400	0	19800	0
THAC046	0	3	P581427	25	9	40	14	18900	9900	7200	210	0	3250	0
THAC046	3	6	P581428	15	11	20	0	10000	5250	7000	1550	4	3600	0
THAC046	6	9	P581429	20	9	39	12	29600	13100	9600	175	4	8400	10
THAC046	9	12	P581430	70	6	18	18	19200	5800	3350	94	0	40300	0
THAC046	12	15	P581431	55	5	10	14	14900	7050	3650	54	0	48400	0
THAC046	15	16	P581432	60	12	24	9	29000	17800	10000	120	0	41700	0
THAC047	0	3	P581433	25	6	21	15	12700	6600	9050	130	0	5100	0
THAC047	3	6	P581434	45	11	40	20	31800	16400	10900	185	0	8300	6
THAC047	6	9	P581435	70	22	50	22	35800	19200	13200	900	4	10600	10
THAC047	9	12	P581436	75	24	52	29	40700	20900	18300	650	4	11800	12
THAC047	12	15	P581437	65	31	170	40	43100	19200	19800	650	4	11000	12
THAC047	15	18	P581438	145	220	850	41	209000	4450	41500	10400	0	8900	6
THAC047	18	21	P581439	45	140	1800	66	119000	1650	91900	1600	0	15300	0
THAC047	21	24	P581440	170	68	1550	64	116000	13400	28700	900	4	14100	0

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC047	24	27	P581441	45	60	155	70	84300	19700	19000	490	4	19100	0
THAC047	27	30	P581442	35	48	135	78	68200	15800	18400	380	0	21900	0
THAC047	30	33	P581443	65	68	98	84	58000	21800	15700	500	4	26500	6
THAC047	33	36	P581444	65	54	70	40	51800	19100	17400	450	4	25900	6
THAC047	36	39	P581445	60	62	76	50	49800	17400	16900	550	4	25600	6
THAC047	39	42	P581446	70	47	86	58	53000	19000	19700	650	4	25100	6
THAC047	42	45	P581447	15	92	1050	70	74100	9100	103000	750	4	9600	0
THAC047	45	48	P581448	45	40	110	60	58600	28300	29000	550	4	15400	6
THAC047	48	51	P581449	75	33	230	18	39100	15600	36400	320	4	38500	12
THAC048	0	3	P581450	35	14	120	28	36000	11000	7600	250	0	7200	6
THAC048	3	6	P581451	10	10	64	18	30600	14700	5500	150	0	24200	6
THAC048	6	9	P581452	0	19	36	29	28400	22800	3200	450	4	35600	6
THAC048	9	10	P581453	35	12	32	41	30900	17100	1800	500	0	35500	6
THAC049	0	3	P581454	25	17	115	33	31000	7550	7650	1100	0	6800	0
THAC049	3	6	P581455	0	8	54	29	33300	7550	5550	110	0	32100	0
THAC049	6	9	P581456	0	6	31	15	31000	14900	3350	105	0	30000	6
THAC049	9	12	P581457	15	9	21	24	34700	15300	4900	240	0	35800	0
THAC049	12	15	P581458	10	13	22	45	36000	15100	6900	175	4	31300	0
THAC049	15	18	P581459	0	11	36	29	32800	16600	8250	170	0	37500	0
THAC049	18	21	P581460	35	13	19	41	31700	16300	5400	340	0	43500	0
THAC049	21	24	P581461	40	18	22	48	29900	23500	7550	420	4	39400	0
THAC049	24	27	P581462	40	14	20	18	31600	18800	10200	400	0	36100	0
THAC049	27	30	P581463	50	12	23	13	29000	24200	8250	360	0	36600	0
THAC049	30	33	P581464	40	14	27	27	30000	12800	8650	450	0	38000	0
THAC050	0	3	P581465	25	9	41	27	19100	8200	8900	155	4	6350	0
THAC050	3	6	P581466	0	11	26	29	32700	16700	4850	135	0	30700	0
THAC050	6	9	P581467	0	13	20	23	35200	16000	4700	170	0	28300	6
THAC050	9	12	P581468	0	9	20	37	35600	19500	4750	175	4	31700	6
THAC050	12	15	P581469	120	11	16	17	29200	14100	5150	195	0	31600	0
THAC050	15	18	P581470	35	11	16	26	30400	17700	5850	170	4	38900	0
THAC050	18	21	P581471	65	13	16	30	31800	21400	6900	210	0	30500	0
THAC050	21	24	P581472	50	18	22	35	28700	18000	6050	440	4	31600	6
THAC050	24	27	P581473	80	17	16	31	28900	18800	5500	420	0	31500	6
THAC050	27	29	P581474	25	12	25	30	28200	14600	6550	550	0	33400	0
THAC051	0	3	P581475	25	11	33	25	15100	6100	6700	110	0	9550	0
THAC051	3	6	P581476	0	22	135	33	48800	17900	4700	150	0	26000	6
THAC051	6	9	P581477	0	26	370	45	89200	24900	4850	240	0	17600	8
THAC051	9	12	P581478	0	8	34	20	28600	14600	3250	140	0	40200	0
THAC051	12	15	P581479	85	7	30	36	30800	16100	2950	145	4	38100	0
THAC051	15	18	P581480	70	11	48	38	40000	18900	7150	240	4	19700	6

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC051	18	21	P581481	65	10	17	26	25200	19600	4450	280	0	37500	10
STD			P581482	80	62	850	400	82300	23700	6050	370	12	1350	12
THAC052	0	3	P581483	20	31	460	52	49300	5600	12700	270	4	4900	6
THAC052	3	6	P581484	0	120	5100	210	208000	950	11000	950	0	6500	8
THAC052	6	9	P581485	0	130	5350	78	211000	650	8350	850	0	8150	8
THAC052	9	12	P581486	70	175	4100	90	146000	700	68100	1000	0	9100	0
THAC052	12	15	P581487	20	550	2500	76	89600	650	98600	2150	0	6650	0
THAC052	15	18	P581488	0	190	2150	94	73300	650	123000	1400	0	7650	0
THAC052	18	21	P581489	0	100	1600	70	79700	550	136000	1050	0	6550	0
THAC052	21	24	P581490	0	82	1650	31	66600	750	124000	900	0	8750	0
THAC052	24	27	P581491	0	82	1150	20	68500	900	117000	1000	0	11400	0
THAC052	27	30	P581492	0	66	1200	24	61400	550	127000	950	0	6250	0
THAC052	30	33	P581493	0	76	1200	68	68200	800	120000	950	0	8650	0
THAC052	33	36	P581494	0	86	1050	56	64000	600	132000	1000	0	7550	0
THAC052	36	39	P581495	0	90	1200	46	62800	600	116000	1100	0	7200	0
THAC052	39	42	P581496	0	76	800	31	55900	490	143000	950	0	5150	0
THAC052	42	43	P581497	0	84	850	39	56700	460	147000	900	0	4650	0
THAC053	0	3	P581498	20	8	49	10	14000	8150	5450	98	0	4450	0
THAC053	3	6	P581499	15	14	48	27	45100	12800	4100	105	0	24700	6
THAC053	6	9	P581500	10	17	125	26	58000	16600	4150	185	0	14400	6
THAC053	9	12	P581501	0	14	78	35	52900	16500	4200	165	4	20900	6
THAC053	12	15	P581502	0	16	82	32	45800	18300	5100	210	0	22200	6
THAC053	15	18	P581503	0	13	115	42	43100	15700	4800	160	0	27800	6
THAC053	18	21	P581504	20	22	190	52	69800	23700	8550	310	0	18100	6
THAC053	21	24	P581505	35	29	33	25	31700	16200	7200	410	0	38900	6
THAC054	0	3	P581506	55	4	20	11	14600	10500	3050	72	0	11600	10
THAC054	3	6	P581507	85	5	13	7	13300	7700	1900	52	0	31000	24
THAC054	6	9	P581508	75	5	7	6	10200	5250	1050	38	0	49500	22
THAC054	9	12	P581509	115	4	8	13	13500	10600	1500	44	0	39600	22
THAC054	12	15	P581510	40	3	7	4	13400	8450	1400	52	0	46200	24
THAC055	0	3	P581511	25	6	16	25	17300	9750	6150	130	0	5050	0
THAC055	3	6	P581512	25	11	27	6	26500	9650	5350	250	0	5800	6
THAC055	6	9	P581513	30	15	66	13	33500	11500	7950	400	0	8600	6
THAC055	9	12	P581514	35	7	25	10	21700	11400	4250	140	0	6550	6
THAC055	12	15	P581515	40	7	28	22	22500	12400	4650	250	0	7250	8
THAC055	15	18	P581516	35	8	29	12	23300	12600	4800	280	0	7350	8
THAC055	18	21	P581517	30	5	28	19	22900	11500	3800	210	6	7150	8
THAC055	21	24	P581518	35	9	31	12	24200	12700	16600	270	6	9150	6
THAC055	24	27	P581519	65	12	43	23	21000	9200	23700	300	0	11000	6
THAC055	27	30	P581520	100	14	90	19	34000	9200	15500	170	4	17600	6

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC055	30	33	P581521	45	13	105	12	33500	3300	10200	78	4	13400	10
THAC055	33	36	P581522	95	7	150	21	22300	1550	10200	54	0	11000	14
THAC055	36	39	P581523	140	20	100	24	18300	1750	8750	46	0	14500	10
THAC055	39	42	P581524	65	12	70	23	10100	1100	5900	30	0	13500	18
THAC055	42	45	P581525	40	6	37	21	6350	1150	3000	48	4	17800	22
THAC055	45	48	P581526	50	10	76	36	8150	1250	3050	96	0	18300	30
THAC055	48	51	P581527	70	16	105	160	12000	2000	3400	84	0	18200	22
THAC055	51	54	P581528	15	10	115	76	25800	2950	2200	98	0	13400	10
THAC055	54	57	P581529	75	72	150	100	95000	5400	4850	650	0	18000	8
THAC055	57	60	P581530	30	54	150	86	52100	5250	5200	260	4	17200	8
THAC055	60	63	P581531	95	18	105	30	17300	2300	6800	80	0	14400	10
THAC055	63	66	P581532	35	17	270	39	32500	2150	3400	400	4	22500	10
THAC055	66	69	P581533	75	47	360	82	115000	4450	4350	850	4	17600	8
THAC055	69	72	P581534	110	96	330	120	98900	7200	6750	700	0	19900	6
THAC055	72	75	P581535	50	96	440	150	95700	12900	10300	900	0	26600	6
THAC055	75	78	P581536	40	90	1000	150	104000	9450	12900	440	0	26500	6
THAC055	78	80	P581537	65	1600	310	110	58900	26000	8800	350	0	26700	6
STD			P581538	80	66	1050	380	84500	23900	6000	360	8	1350	12
THAC056	0	3	P581539	20	6	28	29	17700	8550	4950	140	0	7850	0
THAC056	3	6	P581540	25	8	54	28	30400	11500	5800	130	4	7300	8
THAC056	6	9	P581541	25	47	44	23	31000	12300	5400	150	0	10200	8
THAC056	9	12	P581542	20	6	26	36	22800	8800	3100	130	0	5500	0
THAC056	12	15	P581543	15	3	18	28	16100	8850	1950	140	0	3650	0
THAC056	15	18	P581544	35	16	35	29	29900	13800	5900	340	0	8250	10
THAC056	18	21	P581545	30	7	45	34	24500	11100	4500	185	4	6200	8
THAC056	21	24	P581546	45	9	50	35	27800	13300	47000	470	14	12300	6
THAC056	24	27	P581547	25	15	24	27	21200	6200	9000	310	0	5450	0
THAC056	27	30	P581548	55	14	62	56	35400	8300	8750	155	4	15600	8
THAC056	30	33	P581549	140	11	70	18	30200	3050	11000	80	4	15700	8
THAC056	33	36	P581550	105	13	78	19	38900	4400	6550	130	4	12600	10
THAC056	36	39	P581551	160	8	160	34	70400	6050	6100	170	4	13100	10
THAC056	39	42	P581552	320	10	86	30	39100	5850	3950	175	4	13800	6
THAC056	42	45	P581553	300	14	48	30	27400	26200	3800	170	0	18700	6
THAC056	45	47	P581554	260	7	56	26	32600	34500	4150	165	0	18400	6
THAC057	0	3	P581555	30	4	24	22	20500	10700	7250	135	0	6300	0
THAC057	3	6	P581556	40	3	34	22	24800	10900	3800	135	4	8000	0
THAC057	6	9	P581557	40	6	36	12	29500	12800	5450	145	0	9600	6
THAC057	9	12	P581558	40	0	35	25	25200	12500	4600	160	0	8150	8
THAC057	12	15	P581559	35	6	29	25	25100	13400	4000	190	0	6700	6
THAC057	15	18	P581560	40	0	33	29	26100	12900	4400	370	4	8600	10

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC057	18	21	P581561	30	0	21	25	17600	10500	11300	160	4	6250	6
THAC057	21	24	P581562	45	5	34	34	31700	11900	51600	450	10	12000	6
THAC057	24	27	P581563	80	6	29	30	22400	7200	16100	330	6	7800	6
THAC057	27	30	P581564	65	16	62	44	32300	10200	9700	150	4	16900	8
THAC057	30	33	P581565	10	11	115	20	34500	3250	8750	115	0	11700	12
THAC057	33	36	P581566	0	7	76	33	22700	2300	9000	80	0	10700	8
THAC057	36	39	P581567	10	7	62	19	18100	2800	8550	56	4	12700	14
THAC057	39	42	P581568	25	5	66	23	14500	1700	5750	74	4	12700	26
THAC057	42	45	P581569	50	22	62	60	20900	1900	2850	110	0	15600	24
THAC057	45	48	P581570	410	18	350	52	47400	7300	6350	110	4	32900	12
THAC057	48	51	P581571	195	80	700	70	99300	4050	6800	350	6	33000	14
THAC057	51	54	P581572	15	40	850	78	85100	2600	5500	470	0	44200	14
THAC057	54	57	P581573	85	48	750	94	97800	3700	8700	550	0	37700	10
THAC057	57	60	P581574	60	84	750	82	102000	5450	14400	380	4	45300	8
THAC057	60	63	P581575	100	88	900	110	112000	3900	17300	650	0	39600	8
THAC057	63	66	P581576	80	76	750	88	113000	5900	24800	950	0	45300	6
THAC057	66	69	P581577	75	45	390	62	81600	11500	23800	800	0	43300	6
THAC057	69	72	P581578	50	56	550	40	88700	9300	39100	850	0	41700	6
THAC057	72	75	P581579	40	50	490	32	69900	9000	57500	1000	4	33000	0
THAC057	75	78	P581580	45	38	390	38	64800	11300	50300	1000	0	24800	0
THAC058	0	3	P581581	20	0	30	21	19000	6950	5650	145	0	6700	0
THAC058	3	6	P581582	25	0	30	21	23600	11500	4250	110	4	8300	8
THAC058	6	9	P581583	15	0	41	17	28300	6600	3600	135	0	7300	6
THAC058	9	12	P581584	10	0	25	29	19900	5900	2350	90	0	6650	0
THAC058	12	15	P581585	15	2	34	25	23800	7750	3750	110	0	9250	6
THAC058	15	18	P581586	15	4	50	31	28200	10000	5650	380	0	11200	8
THAC058	18	21	P581587	15	6	56	44	28200	11000	5750	390	4	9150	8
THAC058	21	24	P581588	10	13	140	54	40500	9600	6200	220	4	9450	12
THAC058	24	27	P581589	0	35	900	38	74600	4100	9050	160	0	17700	10
THAC058	27	30	P581590	80	27	400	66	36100	24200	6300	130	0	30200	8
THAC058	30	33	P581591	80	37	550	64	47500	16600	28000	280	0	29100	6
THAC058	33	36	P581592	20	74	1550	43	71800	2450	82300	600	0	19700	0
STD			P581593	80	56	1000	390	84500	22600	6150	360	10	1300	14
THAC058	36	39	P581594	15	86	1400	62	88600	2850	72100	750	0	23400	0
THAC058	39	42	P581595	50	56	600	37	53100	13200	45100	460	0	32000	6
THAC058	42	45	P581596	15	86	1050	41	78600	4250	78000	750	4	24500	0
THAC058	45	48	P581597	10	84	900	46	81100	3150	86100	850	4	18800	0
THAC058	48	51	P581598	10	68	850	27	77900	2400	95100	850	0	18100	0
THAC058	51	54	P581599	0	70	900	36	78800	2650	91100	950	0	19200	0
THAC058	54	57	P581600	0	66	950	31	80600	2850	90300	950	0	18400	0

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC058	57	61	P581601	0	68	900	24	79600	2800	90800	900	0	18500	0
THAC059	0	3	P581602	15	11	94	17	23500	6500	13700	190	4	6800	6
THAC059	3	6	P581603	25	26	240	42	44600	8850	21500	280	4	11400	6
THAC059	6	9	P581604	20	14	160	21	35300	12700	13700	195	0	8200	10
THAC059	9	12	P581605	15	7	74	12	23000	7100	5550	120	0	4800	8
THAC059	12	15	P581606	45	29	330	200	49100	13500	12300	600	0	16300	10
THAC059	15	18	P581607	30	38	550	320	54900	8550	23100	390	0	23500	0
THAC059	18	21	P581608	15	10	74	28	26800	7900	6000	160	0	7100	8
THAC059	21	24	P581609	15	11	90	42	31900	9500	7450	140	0	7650	8
THAC059	24	27	P581610	20	52	410	165	43100	6500	43500	500	0	23300	0
THAC059	27	30	P581611	0	41	450	60	38900	5300	52600	600	0	22100	0
THAC059	30	33	P581612	0	36	410	52	38000	4550	55000	650	0	20200	0
THAC059	33	36	P581613	0	50	430	45	37400	4350	54800	700	0	20300	0
THAC059	36	38	P581614	0	37	370	58	38900	4300	56000	700	0	21900	0
THAC060	0	3	P581615	20	6	32	28	17100	8000	6750	165	0	3000	6
THAC060	3	6	P581616	25	6	45	19	24100	12300	6300	135	0	5750	8
THAC060	6	9	P581617	20	5	36	8	27500	9750	2600	92	0	4100	8
THAC060	9	12	P581618	15	3	32	9	24500	6850	2300	74	0	3750	8
THAC060	12	15	P581619	15	3	26	16	19900	6750	2250	78	0	4900	6
THAC060	15	18	P581620	20	6	49	46	29000	11100	5450	260	0	6800	8
THAC060	18	21	P581621	10	21	220	145	56100	12000	7300	750	4	12400	6
THAC060	21	24	P581622	10	33	340	115	72100	7100	25200	550	0	18800	0
THAC060	24	27	P581623	20	35	175	68	44500	7450	42600	700	0	26700	0
THAC060	27	30	P581624	20	45	220	49	52800	4950	65900	1050	0	18100	0
THAC060	30	33	P581625	30	56	230	80	63600	5150	62900	1100	0	17200	0
THAC060	33	36	P581626	45	54	180	78	59800	7500	53500	1050	0	24500	0
THAC060	36	39	P581627	20	49	290	50	55300	6500	56100	1050	0	20800	0
THAC060	39	42	P581628	45	74	330	115	68800	5900	66900	1100	0	24400	0
THAC060	42	45	P581629	0	54	310	94	47200	9800	54200	850	4	23800	0
THAC060	45	48	P581630	10	38	470	40	35100	8050	54400	750	0	26100	0
THAC060	48	51	P581631	0	40	460	90	37300	9400	58500	750	0	20500	0
THAC060	51	54	P581632	0	35	500	46	35700	8350	58500	750	0	18300	0
THAC060	54	57	P581633	35	25	190	36	26200	15600	30000	430	0	27400	0
THAC061	0	3	P581634	20	5	22	17	14000	6500	5750	120	4	2500	6
THAC061	3	6	P581635	25	6	39	26	25900	11700	5250	130	0	5950	8
THAC061	6	9	P581636	20	7	74	19	30600	13600	4900	105	0	6800	8
THAC061	9	12	P581637	25	14	190	46	50500	9750	12100	210	0	11800	8
THAC061	12	15	P581638	65	49	165	100	41700	7250	40600	900	0	19300	0
THAC061	15	18	P581639	45	86	210	165	39400	6700	44300	1050	0	17000	0
THAC061	18	21	P581640	45	50	180	130	36600	7150	38900	950	0	21400	0

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC061	21	24	P581641	40	47	310	165	45200	5250	53700	950	0	17500	0
THAC061	24	27	P581642	20	40	220	135	36700	6900	37000	550	0	26700	0
THAC061	27	30	P581643	35	26	170	74	29800	8050	29600	500	0	28300	0
THAC061	30	33	P581644	20	31	210	62	33300	7900	36700	600	4	26400	0
THAC061	33	36	P581645	0	31	195	64	33800	8600	38700	650	0	23600	0
THAC061	36	38	P581646	0	29	210	72	35500	7350	44400	700	0	20900	0
STD			P581647	80	62	1000	420	85600	24300	6100	370	6	1350	12
THAC062	0	3	P581648	20	9	36	40	19800	7700	8050	175	0	5550	0
THAC062	3	6	P581649	25	10	31	28	21400	9800	6100	165	0	7500	6
THAC062	6	9	P581650	15	15	94	56	33700	11200	16800	270	0	14100	6
THAC062	9	12	P581651	0	15	300	48	52200	5950	5150	72	0	10200	0
THAC062	12	15	P581652	65	21	440	68	67600	8500	7000	90	4	16900	6
THAC062	15	18	P581653	60	39	270	115	46400	9600	25600	1150	0	23400	0
THAC062	18	21	P581654	45	38	290	125	47500	7050	34500	850	0	18800	0
THAC062	21	24	P581655	40	38	300	145	49200	6750	37800	750	0	17700	0
THAC062	24	27	P581656	40	38	210	175	56500	9100	38400	950	0	21200	0
THAC062	27	30	P581657	0	34	210	74	41100	7150	38000	700	8	22300	0
THAC062	30	33	P581658	0	31	185	52	38200	9900	34200	700	0	22400	0
THAC062	33	35	P581659	0	32	210	60	38700	7350	37800	750	0	19900	0
THAC063	0	3	P581660	20	9	36	36	18200	7500	7100	150	0	3750	0
THAC063	3	6	P581661	20	9	35	28	22200	9750	5750	190	0	4900	6
THAC063	6	9	P581662	0	6	120	15	17500	6350	4200	72	4	7650	0
THAC063	9	12	P581663	0	6	165	16	14000	5850	3800	64	4	8100	0
THAC063	12	15	P581664	0	10	320	47	26800	4550	4400	200	4	9900	0
THAC063	15	18	P581665	15	28	550	135	88500	5500	9500	1000	0	16200	0
THAC063	18	21	P581666	70	32	550	190	79200	4200	24900	750	0	17000	0
THAC063	21	24	P581667	70	45	300	120	61300	5200	51700	1150	0	13900	0
THAC063	24	27	P581668	40	33	410	100	39800	4650	41800	650	0	17800	0
THAC063	27	30	P581669	85	38	340	195	47900	9850	21300	290	0	27900	0
THAC064	0	3	P581670	20	7	36	33	18100	8750	5700	145	0	4450	0
THAC064	3	6	P581671	30	10	35	31	21600	11700	5450	150	0	7300	6
THAC064	6	9	P581672	15	7	36	16	22300	10000	3500	84	0	5850	6
THAC064	9	12	P581673	0	4	48	30	25300	4300	1400	30	4	7450	0
THAC064	12	15	P581674	0	9	68	38	43300	4150	3300	150	0	9400	0
THAC064	15	18	P581675	20	14	28	41	18200	21200	2200	600	0	13500	10
THAC064	18	20	P581676	80	5	11	45	10600	37000	1200	90	4	20400	8
THAC065	0	3	P581677	25	7	19	26	17300	8250	5250	120	0	2900	0
THAC065	3	6	P581678	25	7	32	21	28100	12000	3900	120	0	4900	8
THAC065	6	9	P581679	0	8	32	21	21900	3350	1900	66	4	2550	16
THAC065	9	12	P581680	0	6	58	16	7250	2400	1350	48	8	7400	28

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC065	12	15	P581681	0	4	68	0	30600	2250	1550	125	4	8100	0
THAC065	15	18	P581682	10	11	175	22	85100	3150	2700	240	4	10900	6
THAC065	18	21	P581683	25	31	170	140	105000	8050	6300	950	0	24800	8
THAC065	21	24	P581684	30	41	135	125	60000	14900	33900	800	0	25300	0
THAC065	24	27	P581685	20	39	125	82	50900	12600	36000	750	0	26100	0
THAC065	27	30	P581686	0	37	120	70	51500	5950	45200	900	0	22100	0
THAC065	30	33	P581687	10	37	125	47	52100	5650	44600	900	4	23700	0
THAC065	33	36	P581688	25	30	96	40	43300	15000	35300	750	4	24400	0
STD			P581689	85	66	950	410	89000	24300	6100	380	12	1350	10
THAC066	0	3	P581690	25	8	22	21	19300	8250	5950	165	0	3250	0
THAC066	3	6	P581691	30	11	31	21	26300	10600	4700	220	0	5400	6
THAC066	6	9	P581692	15	0	31	8	20800	6650	2550	90	0	3700	6
THAC066	9	12	P581693	15	3	36	30	23800	7250	3600	100	0	5150	6
THAC066	12	15	P581694	15	2	39	47	22200	6600	4250	120	0	5650	6
THAC066	15	18	P581695	20	25	88	70	26000	5000	4100	1650	0	6550	10
THAC066	18	22	P581696	0	13	250	19	43700	700	2250	34	4	7500	10
THAC066	22	25	P581697	0	11	250	5	49900	950	3350	20	0	10500	6
THAC066	25	28	P581698	25	5	125	5	11700	700	1350	74	0	6050	10
THAC066	28	31	P581699	0	7	310	33	20000	4500	2350	56	0	14300	8
THAC066	31	34	P581700	0	5	240	14	16100	8450	2550	52	4	18100	0
THAC066	34	37	P581701	0	6	420	52	30800	4300	2300	86	4	15300	8
THAC066	37	40	P581702	15	10	650	48	45300	3300	2550	58	0	16200	8
THAC066	40	43	P581703	0	5	105	25	15400	900	1800	56	0	9750	8
THAC066	43	46	P581704	0	3	96	54	20900	950	1250	115	0	6750	0
THAC066	46	49	P581705	110	5	185	42	20200	4250	2650	86	0	12400	8
THAC066	49	52	P581706	210	18	360	27	43700	16200	7700	96	0	29600	10
THAC066	52	55	P581707	105	31	320	90	70000	13900	10300	170	0	38300	6
THAC066	55	58	P581708	125	56	390	74	69900	11700	34200	500	0	32900	0
THAC066	58	61	P581709	120	45	400	28	68700	14800	20300	300	0	36700	6
THAC066	61	63	P581710	115	35	380	38	57500	13000	37200	600	0	32100	0
THAC067	0	3	P581711	25	4	38	17	22600	8750	5700	160	0	4450	0
THAC067	3	6	P581712	25	6	31	32	21300	9050	4550	155	0	5300	6
THAC067	6	9	P581713	15	3	26	4	19500	6750	2550	84	0	4450	0
THAC067	9	12	P581714	25	4	32	26	20000	7300	3250	175	0	6300	0
THAC067	12	15	P581715	20	6	50	34	30000	7950	4200	195	0	7100	6
THAC067	15	18	P581716	10	11	400	72	91700	5350	3400	270	0	7050	8
THAC067	18	21	P581717	0	9	240	20	60900	950	1650	62	0	4800	12
THAC067	21	24	P581718	0	14	480	4	48000	1050	2600	44	4	9300	12
THAC067	24	27	P581719	0	27	1200	50	96000	1850	2500	120	4	10600	0
THAC067	27	30	P581720	0	170	1200	115	163000	2900	2750	470	4	11100	0

Hole	from	to	sample no.	Ce	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Nb
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E
THAC067	30	33	P581721	125	94	950	74	65500	13100	11000	185	0	20700	0
THAC067	33	36	P581722	135	45	420	82	61200	14100	10800	94	0	24300	0
THAC067	36	39	P581723	75	64	390	100	65300	9850	11900	115	4	31700	0
THAC067	39	42	P581724	25	48	290	66	56500	19400	24600	340	0	25900	0

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
				5	5	5	2	10	2	2	2	50		
THAC015	0	3	P581001	25	170	10	0	180	2000	58	12	42	600	
THAC015	3	6	P581002	39	135	16	6	145	2650	110	14	48	700	
THAC015	6	9	P581003	31	170	22	0	86	2700	105	9	68	700	
THAC015	9	12	P581004	32	120	28	6	18	2600	92	3	25	450	
THAC015	12	15	P581005	39	90	16	0	29	3200	92	3	52	400	
THAC015	15	18	P581006	68	44	16	0	80	2650	54	3	94	300	
THAC015	18	21	P581007	58	165	150	10	200	2750	52	9	115	1000	
THAC015	21	24	P581008	62	320	200	10	290	2800	56	11	130	550	
THAC015	24	27	P581009	74	380	82	6	310	2900	56	22	180	400	
THAC015	27	30	P581010	74	300	50	0	155	3000	56	44	190	350	
THAC015	30	33	P581011	88	150	84	0	60	2850	76	49	300	300	
THAC015	33	36	P581012	94	180	165	0	54	4550	230	44	280	400	
THAC015	36	39	P581013	76	130	150	0	54	4050	150	31	140	300	
THAC015	39	42	P581014	26	110	54	10	58	3500	66	23	64	250	
THAC015	42	45	P581015	54	150	28	0	54	2950	74	14	64	300	
THAC015	45	48	P581016	45	110	26	6	94	2850	64	14	58	250	
THAC015	48	51	P581017	64	200	18	6	165	2400	52	12	74	150	
THAC016	0	3	P581018	48	155	16	0	270	2300	74	15	40	750	
THAC016	3	6	P581019	200	130	14	0	195	3400	180	13	47	900	
THAC016	6	9	P581020	900	36	8	0	210	2350	150	7	76	400	
THAC016	9	12	P581021	1550	10	6	12	62	1650	130	5	80	350	
THAC016	12	15	P581022	1550	10	8	0	58	1950	130	3	98	500	
THAC016	15	18	P581023	700	20	16	0	52	1950	130	5	125	300	
THAC016	18	21	P581024	750	12	12	14	42	1900	82	5	145	250	
THAC016	21	24	P581025	600	84	26	6	115	1850	80	19	185	150	
THAC016	24	27	P581026	1800	84	14	20	110	2350	150	32	240	200	
THAC016	27	30	P581027	1350	140	6	26	64	2350	200	24	195	150	
THAC016	30	33	P581028	1000	86	0	20	36	1900	150	8	74	100	
THAC016	33	36	P581029	1200	68	0	14	35	1300	135	6	58	100	
THAC016	36	39	P581030	950	110	0	18	34	1750	155	8	64	150	
STD			P581031	490	350	160	6	52	3400	98	20	650	250	
THAC017	0	3	P581032	86	150	6	0	310	1950	74	12	32	750	
THAC017	3	6	P581033	1200	66	10	0	195	2800	250	8	46	600	
THAC017	6	9	P581034	3550	30	8	0	350	2600	280	2	82	750	
THAC017	9	12	P581035	2250	12	0	0	58	2150	160	6	78	250	
THAC017	12	15	P581036	2450	22	0	8	56	2600	180	27	96	300	
THAC018	0	3	P581037	94	110	12	0	330	1850	60	10	32	700	
THAC018	3	6	P581038	490	36	8	6	120	2950	130	7	78	300	
THAC018	6	9	P581039	900	36	8	6	62	2800	180	9	100	250	
THAC018	9	12	P581040	2300	44	0	12	58	2400	175	12	120	350	
THAC018	12	15	P581041	1800	46	0	0	49	2000	180	12	84	250	

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
THAC018	15	18	P581042	1850	28	6	10	44	1900	170	10	64	200	
THAC019	0	3	P581043	70	110	10	0	200	1900	84	11	9	550	
THAC019	3	6	P581044	240	76	16	0	145	4950	210	12	37	400	
THAC019	6	9	P581045	800	78	12	0	50	5100	650	5	46	450	
THAC019	9	12	P581046	1350	210	16	0	45	3550	410	11	125	950	
THAC019	12	15	P581047	1500	115	8	0	50	3350	195	27	125	500	
THAC019	15	18	P581048	2100	60	6	10	110	2750	145	40	125	250	
THAC019	18	21	P581049	1800	46	0	6	210	2700	125	32	100	300	
THAC019	21	24	P581050	700	28	6	6	130	3800	130	37	46	200	
THAC019	24	27	P581051	500	28	0	6	74	3450	180	28	76	100	
THAC020	0	3	P581052	115	92	10	0	260	2400	62	11	27	1000	
THAC020	3	6	P581053	600	44	20	6	120	4700	340	4	42	400	
THAC020	6	9	P581054	1050	105	12	0	37	3950	370	8	110	800	
THAC020	9	12	P581055	1150	220	16	0	30	4300	290	13	110	800	
THAC020	12	15	P581056	1050	155	14	0	64	4050	250	8	125	600	
STD			P581057	480	360	150	10	52	3850	98	20	600	250	
THAC021	0	3	P581058	40	105	8	0	210	2200	58	10	16	550	
THAC021	3	6	P581059	56	36	16	0	92	2550	100	5	8	1400	
THAC021	6	9	P581060	60	38	20	8	35	3650	170	3	23	950	
THAC021	9	12	P581061	58	72	26	8	43	6700	195	9	16	850	
THAC021	12	15	P581062	86	78	24	0	45	5200	140	11	32	1100	
THAC021	15	18	P581063	125	135	46	6	115	4400	130	10	35	400	
THAC021	18	21	P581064	390	195	42	0	130	4200	260	10	175	600	
THAC021	21	24	P581065	800	160	20	0	175	3700	155	21	260	250	
THAC021	24	27	P581066	1100	360	44	10	74	2300	155	17	290	200	
THAC021	27	30	P581067	480	330	26	6	130	2650	88	15	210	100	
THAC021	30	33	P581068	230	460	50	0	195	2600	60	10	180	50	
THAC022	0	3	P581069	300	130	6	0	450	1950	64	9	32	900	
THAC022	3	6	P581070	2300	46	8	0	185	2550	130	8	64	600	
THAC022	6	9	P581071	2450	18	6	6	70	2350	125	8	72	300	
THAC022	9	12	P581072	2400	16	0	0	58	2200	130	14	60	300	
THAC022	12	15	P581073	2200	8	0	0	54	2400	115	12	49	300	
THAC022	15	18	P581074	1600	12	0	6	58	2600	140	11	50	200	
THAC022	18	21	P581075	2150	6	6	10	60	3100	135	10	66	200	
THAC022	21	24	P581076	2100	0	6	12	47	1950	110	7	54	200	
THAC022	24	27	P581077	2550	10	0	6	49	2050	110	8	72	150	
THAC022	27	30	P581078	1850	6	6	10	39	1600	96	7	52	250	
THAC022	30	33	P581079	1750	22	0	10	37	1500	94	6	52	250	
THAC022	33	36	P581080	1850	30	8	6	39	1450	90	6	47	300	
THAC022	36	39	P581081	1850	18	0	8	40	1500	90	6	66	300	
THAC023	0	3	P581082	64	125	6	0	380	1550	42	12	12	750	

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
THAC023	3	6	P581083	800	66	12	0	145	3800	165	10	84	450	
THAC023	6	9	P581084	650	28	10	0	86	5900	110	3	70	850	
THAC023	9	12	P581085	490	44	14	0	70	7100	130	4	66	650	
THAC023	12	15	P581086	700	46	8	0	58	5100	110	4	54	600	
THAC023	15	18	P581087	1650	46	62	0	135	3300	125	16	120	600	
THAC023	18	21	P581088	3250	58	28	8	78	3250	72	110	165	300	
THAC023	21	24	P581089	2950	42	8	0	72	3300	105	68	200	300	
THAC023	24	27	P581090	1950	36	8	0	33	2300	125	33	120	300	
THAC023			P581091	440	310	150	8	50	3150	86	15	650	250	
THAC023	27	30	P581092	1650	28	8	0	24	1650	140	24	74	250	
THAC023	30	33	P581093	1250	34	8	0	25	1950	125	10	70	100	
THAC023	33	36	P581094	1100	52	8	0	27	1700	115	7	64	50	
THAC023	36	39	P581095	1050	68	8	0	34	1500	115	5	54	150	
THAC024	0	3	P581096	165	110	14	0	340	1300	64	8	34	1050	
THAC024	3	6	P581097	750	76	70	0	150	2050	250	5	150	500	
THAC024	6	9	P581098	900	58	68	0	44	2050	260	2	160	600	
THAC024	9	12	P581099	1150	30	30	0	40	2050	150	0	170	550	
THAC024	12	15	P581100	1100	50	26	0	33	2150	135	2	160	500	
THAC024	15	18	P581101	1250	54	66	0	32	2050	125	6	155	300	
THAC024	18	21	P581102	1800	28	105	0	36	1900	98	7	180	250	
THAC024	21	24	P581103	2100	42	14	0	30	1600	120	11	135	350	
THAC024	24	27	P581104	1600	32	8	0	36	1850	110	8	115	200	
THAC024	27	30	P581105	1500	8	8	0	31	1900	110	7	120	150	
THAC024	30	33	P581106	1350	18	12	0	23	1900	115	5	105	100	
THAC024	33	36	P581107	1350	22	8	0	28	1900	120	5	94	150	
THAC024	36	39	P581108	1350	30	8	0	26	1900	115	5	80	150	
THAC024	39	42	P581109	1400	54	10	0	29	1850	145	6	80	200	
THAC024	42	44	P581110	1300	115	6	0	39	1800	140	9	78	250	
THRC025	0	3	P581111	35	110	14	0	310	1850	60	14	24	800	
THRC025	3	6	P581112	9	92	20	0	80	2550	66	21	19	350	
THRC025	6	9	P581113	17	170	24	0	96	2550	64	26	23	350	
THRC025	9	12	P581114	18	135	18	0	74	2650	35	30	27	200	
THRC025	12	13	P581115	9	165	16	0	80	2950	32	35	34	150	
THRC026	0	3	P581116	600	135	8	0	440	2100	80	11	39	800	0.86
THRC026	3	6	P581117	2900	44	8	0	76	3250	125	11	82	250	4.89
THRC026	6	9	P581118	7000	32	12	0	88	3550	130	5	98	250	2.78
THRC026	9	12	P581119	3850	38	8	0	47	2850	180	0	96	450	6.78
THRC026	12	15	P581120	4050	0	6	0	40	2100	125	0	115	550	6.19
THRC026	15	18	P581121	5400	20	8	0	37	2300	110	3	115	700	10.3
THRC026	18	21	P581122	6000	16	0	0	46	2450	105	6	150	900	10.6
THRC026	21	24	P581123	4850	6	6	0	41	2300	94	5	105	750	5.13

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
THRC026	24	27	P581124	3550	22	0	0	38	1200	68	6	84	550	7.45
THRC026	27	30	P581125	4000	20	8	0	60	1800	72	9	94	650	9.54
THRC026	30	33	P581126	4000	12	8	0	56	2050	80	11	78	650	9.01
THRC026	33	36	P581127	3800	30	8	0	50	2150	100	23	78	550	11.5
THRC026	36	37	P581128	1950	66	8	0	34	3000	170	10	46	300	8.46
THRC027	0	3	P581129	380	165	18	0	260	2700	105	13	41	750	
THRC027	3	6	P581130	1650	42	10	0	130	2200	115	7	56	400	
THRC027	6	9	P581131	2650	14	6	0	54	2250	135	8	68	300	10.2
THRC027	9	12	P581132	2350	32	8	0	48	2300	140	6	74	300	9.76
THRC027	12	15	P581133	2150	16	6	0	46	1800	130	7	70	300	8.96
THRC027	15	18	P581134	1950	16	8	0	52	1900	130	11	66	300	11.9
THRC027	18	21	P581135	1800	26	6	0	38	1800	120	10	66	250	9.39
THRC027	21	24	P581136	1750	18	6	0	44	1850	115	8	64	300	9.61
THRC027	24	27	P581137	1700	8	10	0	52	1750	110	9	72	300	11.1
THRC027	27	30	P581138	1600	26	6	0	54	1800	115	11	68	250	10.7
THRC027	30	31	P581139	1500	40	6	0	48	1750	110	8	60	200	9.69
STD			P581140	470	340	150	8	49	3250	88	20	600	200	
THRC028	0	3	P581141	240	145	12	0	310	2200	98	12	36	1300	8.37
THRC028	3	6	P581142	175	98	14	0	200	2550	100	12	31	700	2.22
THRC028	6	9	P581143	72	52	10	0	210	2750	98	3	30	250	0.91
THRC028	9	12	P581144	58	48	10	0	190	3700	70	3	25	250	0.17
THRC028	12	15	P581145	58	70	8	0	220	2550	54	3	32	200	0.1
THRC028	15	18	P581146	36	64	10	0	290	2700	54	3	34	300	0.14
THRC028	18	21	P581147	26	160	20	0	320	2450	58	6	27	450	0.14
THRC028	21	24	P581148	28	280	14	0	500	2350	44	11	41	300	0.07
THRC028	24	25	P581149	62	170	10	0	300	2950	52	30	72	250	0.13
THRC029	0	3	P581150	270	160	14	6	350	2350	88	13	42	650	2.22
THRC029	3	6	P581151	2100	62	12	0	125	2200	120	10	56	400	7.92
THRC029	6	9	P581152	3600	32	6	0	56	2550	165	6	74	300	13.7
THRC029	9	12	P581153	3450	22	8	0	52	2250	155	5	88	350	17.3
THRC029	12	15	P581154	3200	0	0	0	50	2000	150	8	78	300	14.9
THRC029	15	18	P581155	2400	6	6	0	37	1850	135	10	66	250	11.1
THRC029	18	21	P581156	2600	0	0	0	41	1850	120	10	72	300	8.75
THRC029	21	24	P581157	6450	16	6	0	37	1600	115	8	155	750	14.6
THRC029	24	27	P581158	5250	42	12	0	38	2050	175	6	220	650	27.9
THRC029	27	30	P581159	4650	74	12	0	23	2000	170	4	300	600	22.4
THRC029	30	33	P581160	4500	22	8	0	18	1150	82	3	130	600	17.1
THRC029	33	36	P581161	3700	6	8	0	22	600	47	5	96	450	13.5
THRC029	36	37	P581162	3950	20	0	0	18	600	50	3	105	500	9.87
THRC030	0	3	P581163	500	165	16	0	270	2500	125	13	54	700	2.87
THRC030	3	6	P581164	2600	26	6	0	120	2900	150	8	43	350	4.46

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
THRC030	6	9	P581165	2650	8	8	0	46	2600	140	6	49	200	6.86
THRC030	9	12	P581166	1650	14	6	0	47	2850	175	8	62	200	7.8
THRC030	12	15	P581167	4100	18	8	0	50	2250	155	9	74	200	3.31
THRC030	15	18	P581168	2450	18	6	0	39	1750	120	11	88	300	3.36
THRC030	18	21	P581169	3100	10	8	0	49	1300	98	8	100	450	9.99
THRC030	21	24	P581170	4000	34	8	0	39	1400	76	11	110	650	8.66
THRC030	24	27	P581171	1950	18	0	0	50	1900	120	8	72	300	4.11
THRC030	27	30	P581172	2250	8	0	0	54	1050	78	6	110	400	9.54
THRC030	30	33	P581173	1650	64	8	0	49	2050	115	9	56	250	5.71
THRC030	33	36	P581174	1150	96	6	0	56	1950	130	8	35	200	12
THRC030	36	37	P581175	1050	20	6	0	43	1350	96	7	34	150	7.53
STD			P581176	450	320	145	16	45	3050	88	20	650	200	
THRC031	0	3	P581177	230	140	14	0	310	2150	74	14	41	650	1.95
THRC031	3	6	P581178	1900	44	10	0	280	2100	135	18	62	750	1.79
THRC031	6	9	P581179	2800	24	16	0	34	1700	155	12	92	600	5.86
THRC031	9	12	P581180	2800	32	14	0	29	1650	135	15	90	750	8.95
THRC031	12	15	P581181	2500	6	10	0	29	1650	135	12	110	650	8.49
THRC031	15	18	P581182	1650	6	8	0	390	1100	90	9	86	450	5.58
THRC031	18	21	P581183	2050	6	12	0	45	1400	96	15	90	350	4.31
THRC031	21	24	P581184	2700	28	10	0	88	1300	98	29	105	600	2.74
THRC031	24	27	P581185	1900	0	6	0	41	1900	125	14	78	400	5.74
THRC031	27	30	P581186	1400	20	10	0	41	1950	110	8	72	150	0.89
THRC031	30	33	P581187	500	750	12	0	195	3650	130	19	74	100	1.57
THRC031	33	36	P581188	380	550	18	0	200	2600	86	21	74	100	1.27
THRC031	36	37	P581189	270	550	16	0	64	1150	105	13	110	150	0.98
THRC032	0	3	P581190	150	110	10	0	380	3000	105	12	29	850	2
THRC032	3	6	P581191	220	72	22	0	54	7750	250	5	21	550	19.4
THRC032	6	9	P581192	175	58	30	0	33	7150	230	4	18	700	10.2
THRC032	9	12	P581193	210	48	26	0	41	7800	220	5	74	650	12.5
THRC032	12	15	P581194	240	58	46	0	68	7750	210	6	100	500	10.8
THRC032	15	18	P581195	350	96	42	0	160	8350	250	46	120	150	16.6
THRC032	18	21	P581196	310	200	34	0	175	8300	250	38	105	100	23.5
THRC032	21	24	P581197	240	330	18	6	160	8000	250	19	140	0	23.6
THRC032	24	27	P581198	200	410	50	0	160	7950	260	16	180	0	24
THRC032	27	30	P581199	1050	260	175	0	84	3250	115	13	210	200	5.82
THRC032	30	31	P581200	1300	190	390	0	66	3000	98	9	240	250	5.34
THRC033	0	3	P581201	34	130	10	0	500	1500	49	11	25	900	0.7
THRC033	3	6	P581202	33	155	14	0	140	4250	105	38	26	400	0.24
THRC033	6	9	P581203	62	300	12	0	78	4200	115	17	43	450	0.56
THRC033	9	12	P581204	21	185	10	0	62	3950	48	20	25	200	0.32
THRC033	12	13	P581205	17	170	8	0	37	3950	46	16	23	200	0.3

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
THRC034	0	3	P581206	35	88	12	0	240	2150	66	9	26	650	0.84
THRC034	3	6	P581207	240	50	14	0	125	3600	120	6	23	500	0.23
THRC034	6	9	P581208	750	74	18	0	26	4500	490	3	82	600	0.2
THRC034	9	12	P581209	1300	210	18	6	19	3900	320	9	135	850	5.78
THRC034	12	15	P581210	1000	115	14	0	37	3750	250	6	120	600	0.98
THRC034	15	18	P581211	1350	50	12	0	36	2900	175	17	145	300	0.52
THRC034	18	21	P581212	1400	24	8	0	28	2550	160	18	88	200	11.6
THRC034	21	24	P581213	1050	10	20	0	29	1800	125	16	68	50	3.85
THRC034	24	25	P581214	320	130	6	0	92	3050	180	11	62	0	0.92
THRC035	0	3	P581215	110	130	12	0	290	1450	60	7	23	900	0.81
THRC035	3	6	P581216	19	110	14	0	125	2450	92	11	34	1000	0.39
THRC035	6	9	P581217	43	98	24	0	80	3950	120	14	35	1550	0.2
THRC035	9	12	P581218	30	330	18	0	96	3950	58	20	32	1650	0.22
THRC035	12	15	P581219	48	220	18	0	110	3000	86	10	15	750	0.27
THRC035	15	18	P581220	370	260	14	0	92	2550	150	9	44	550	0.25
THRC035	18	21	P581221	800	270	12	0	36	1550	140	9	46	550	0.27
THRC035	21	24	P581222	750	360	10	0	37	2500	155	12	39	550	0.27
THRC035	24	27	P581223	950	340	12	0	24	3350	185	9	66	650	0.25
THRC035	27	30	P581224	1150	190	12	0	16	2600	140	5	82	400	0.25
THRC035	30	33	P581225	500	410	12	0	180	2250	92	7	54	200	0.29
THRC035	33	36	P581226	140	550	14	0	270	2450	66	9	43	350	0.66
THRC035	36	39	P581227	78	550	22	0	330	2050	47	7	31	200	0.58
THRC035	39	42	P581228	115	500	16	0	230	3650	120	7	62	300	0.41
THRC035	42	45	P581229	110	750	16	0	290	5200	125	9	64	250	0.45
THRC035	45	48	P581230	115	700	14	0	300	4350	105	10	48	200	0.54
THRC035	48	49	P581231	130	650	12	0	220	4000	100	9	50	100	0.75
STD			P581232	450	320	155	12	49	3250	86	15	650	200	
THRC036	0	3	P581233	11	100	10	0	270	2000	58	5	18	800	1.01
THRC036	3	6	P581234	16	110	14	0	175	2300	105	13	26	1450	0.96
THRC036	6	9	P581235	17	98	16	0	76	3200	90	10	27	1200	0.21
THRC036	9	12	P581236	32	200	26	0	86	4800	70	23	42	2000	0.16
THRC036	12	15	P581237	9	145	8	0	54	1200	39	5	6	500	0.31
THRC036	15	18	P581238	8	54	12	0	82	2300	60	6	8	150	0.49
THRC036	18	21	P581239	13	185	14	0	115	2400	66	33	10	150	0.47
THRC036	21	24	P581240	11	145	10	0	115	3950	84	5	13	100	0.7
THRC036	24	25	P581241	4	70	6	0	86	1750	18	2	4	50	0.98
THRC037	0	3	P581242	10	140	10	0	300	1500	43	7	20	1500	0.86
THRC037	3	6	P581243	18	115	22	0	88	2850	145	16	27	1100	0.35
THRC037	6	9	P581244	34	145	42	0	82	4900	100	18	38	2300	0.13
THRC037	9	12	P581245	28	500	26	0	78	4700	56	28	30	1950	0.12
THRC037	12	15	P581246	17	155	22	0	47	2650	49	19	15	1850	0.16

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
THRC037	15	18	P581247	6	48	12	0	48	1000	26	9	3	550	0.14
THRC037	18	21	P581248	5	140	14	0	175	1300	30	13	3	400	0.36
THRC037	21	24	P581249	44	600	20	0	450	3400	52	27	17	400	0.6
THRC037	24	27	P581250	10	270	10	0	250	1250	24	13	7	100	0.86
THRC037	27	30	P581251	7	280	12	0	230	1250	20	22	6	150	0.65
THRC037	30	31	P581252	8	195	10	0	155	900	19	10	8	50	1.01
THAC038	0	3	P581253	12	110	10	0	130	1700	58	10	25	1750	0.73
THAC038	3	6	P581254	34	100	18	0	82	3000	100	18	44	900	0.52
THAC038	6	9	P581255	38	195	26	0	78	4550	74	23	38	2000	0.1
THAC038	9	12	P581256	23	240	20	0	64	4250	92	19	26	2750	0.1
THAC038	12	15	P581257	12	42	12	0	41	5900	72	9	9	2350	0.13
THAC038	15	18	P581258	14	28	0	0	41	3750	26	8	7	950	0.14
THAC038	18	21	P581259	15	54	10	0	88	8050	39	17	4	3100	0.13
THAC038	21	24	P581260	35	68	20	0	92	7500	100	18	8	3100	0.06
THAC038	24	27	P581261	16	48	36	6	115	5400	78	26	10	900	0.08
THAC038	27	30	P581262	13	24	24	6	78	7450	54	24	9	400	0.15
THAC038	30	33	P581263	24	26	10	0	49	6150	38	14	10	1950	0.23
THAC038	33	36	P581264	28	22	6	0	34	6650	31	14	8	700	0.17
THAC038	36	39	P581265	400	70	14	0	39	5200	70	18	45	1050	0.32
THAC038	39	42	P581266	1300	260	18	0	25	3500	185	32	150	1000	0.26
THAC038	42	45	P581267	550	34	10	0	38	3750	92	21	120	2500	0.16
THAC038	45	48	P581268	390	26	8	0	40	3400	74	19	58	2250	0.13
THAC038	51	54	P581269	800	260	12	0	14	1750	78	12	62	1750	50.9
THAC038	48	51	P581270	950	110	10	0	22	2300	92	20	72	2350	1.09
THAC038	54	57	P581271	240	200	8	0	14	1900	72	12	42	2350	8.29
THAC038	57	60	P581272	185	58	14	0	18	2100	82	11	54	2750	5
THAC038	60	63	P581273	76	440	16	6	60	1900	68	13	47	2350	0.98
THAC038	63	66	P581274	45	600	10	0	175	2650	60	11	54	4850	0.76
THAC038	66	67	P581275	45	500	8	0	190	2850	56	10	50	600	0.94
THAC039	0	3	P581276	16	100	6	0	105	2050	45	9	23	800	0.94
THAC039	3	6	P581277	19	52	12	0	105	2650	88	21	21	1850	0.43
THAC039	6	9	P581278	31	165	22	0	74	4850	96	20	36	2450	0.11
THAC039	9	12	P581279	31	260	20	0	62	4150	88	21	28	1600	0.24
THAC039	12	15	P581280	8	22	10	0	31	3900	56	8	4	500	0.19
THAC039	15	18	P581281	10	20	10	0	36	6050	25	13	5	850	0.15
THAC039	18	21	P581282	35	100	84	8	260	4850	150	14	9	15700	0.16
THAC039	21	24	P581283	13	46	30	0	105	6100	76	27	9	700	0.06
THAC039	24	27	P581284	15	46	34	0	100	6700	60	26	13	500	0.04
THAC039	27	30	P581285	64	74	28	0	36	6300	56	17	16	800	0.24
THAC039	30	33	P581286	220	330	34	6	32	3250	200	24	110	850	0.19
THAC039	33	36	P581287	200	460	32	0	29	2300	115	23	56	1050	0.5

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
THAC039	36	39	P581288	750	330	18	0	32	3250	150	26	260	750	0.23
THAC039	39	42	P581289	360	270	12	0	62	4100	165	23	100	650	0.21
THAC039	42	45	P581290	410	410	10	0	145	3850	210	16	98	400	0.32
THAC039	45	48	P581291	440	200	10	0	78	2950	175	11	78	250	0.44
THAC039	48	51	P581292	280	260	12	0	98	3300	200	15	72	300	0.58
THAC039	51	54	P581293	280	210	8	0	100	3300	200	13	70	250	0.42
THAC039	54	57	P581294	130	180	10	0	135	3550	220	14	66	250	0.6
THAC039	57	60	P581295	90	175	0	0	155	3750	230	16	62	500	0.99
THAC039	60	62	P581296	80	200	8	0	160	3700	240	13	64	550	0.34
STD			P581297	430	340	150	20	47	3150	94	19	600	200	
THAC040	0	3	P581298	14	120	6	0	80	1750	56	8	27	550	1.11
THAC040	3	6	P581299	16	82	38	0	98	2450	145	15	24	1150	0.25
THAC040	6	9	P581300	28	130	26	0	84	4950	115	20	38	1800	0.1
THAC040	9	12	P581301	27	330	20	6	76	4800	82	25	33	2450	0.11
THAC040	12	15	P581302	25	54	22	0	52	9650	72	20	10	700	0.1
THAC040	15	18	P581303	11	44	14	6	43	4400	49	21	8	450	0.17
THAC040	18	21	P581304	8	330	38	8	120	3900	48	17	8	3350	0.13
THAC040	21	24	P581305	17	115	20	6	52	3150	39	21	16	800	0.15
THAC040	24	27	P581306	16	150	30	0	40	4300	62	27	9	550	0.16
THAC040	27	30	P581307	11	200	44	6	40	4450	80	21	11	600	0.12
THAC040	30	33	P581308	52	170	6	0	23	3950	125	33	21	550	0.53
THAC040	33	36	P581309	180	170	0	0	25	4200	160	30	92	450	0.23
THAC040	36	39	P581310	210	650	8	0	80	3200	110	240	39	400	0.22
THAC040	39	42	P581311	165	480	0	0	76	3150	100	25	27	400	0.28
THAC040	42	45	P581312	82	1350	6	0	165	3500	78	18	20	100	0.5
THAC040	45	48	P581313	750	370	0	0	86	1050	88	11	49	350	0.59
THAC040	48	51	P581314	600	340	8	0	49	2350	140	10	54	2000	0.46
THAC040	51	52	P581315	200	850	16	0	125	3200	120	15	54	550	0.79
THAC041	0	3	P581316	35	125	8	0	100	2050	60	11	24	3050	1.17
THAC041	3	6	P581317	19	88	28	0	135	2250	90	18	24	2000	0.33
THAC041	6	9	P581318	46	260	26	0	82	5000	105	20	40	2050	0.11
THAC041	9	12	P581319	30	450	26	10	74	4550	84	25	30	2750	0.25
THAC041	12	15	P581320	26	145	10	8	29	1600	38	9	21	1100	0.25
THAC041	15	18	P581321	29	98	0	0	17	700	21	5	18	650	0.19
THAC041	18	21	P581322	16	120	0	0	19	600	19	5	19	550	0.18
THAC041	21	24	P581323	7	105	14	0	36	1100	17	11	14	550	0.12
THAC041	24	27	P581324	6	300	40	0	68	1750	25	33	8	650	0.1
THAC041	27	30	P581325	6	430	38	6	84	2150	44	54	16	600	0.19
THAC041	30	33	P581326	4	165	8	0	80	1750	49	25	14	400	0.12
THAC041	33	36	P581327	4	185	6	0	90	2100	50	24	28	400	0.26
THAC042	0	3	P581328	8	86	0	0	92	1550	40	8	19	450	1.12

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
THAC042	3	6	P581329	11	76	16	0	98	2350	115	18	22	2500	0.56
THAC042	6	9	P581330	18	150	20	10	72	3950	66	18	34	1250	0.17
THAC042	9	12	P581331	16	430	16	8	78	3600	54	19	28	14200	0.13
THAC042	12	15	P581332	8	72	12	0	52	5150	62	11	9	5350	0.15
THAC042	15	18	P581333	7	22	10	0	50	5600	52	8	7	1250	0.11
THAC042	18	21	P581334	9	24	0	6	41	4600	29	10	7	1050	0.15
THAC042	21	24	P581335	5	44	10	0	64	9000	40	15	7	1100	0.04
THAC042	24	27	P581336	21	64	14	0	62	7850	60	15	12	950	0.04
THAC042	27	30	P581337	16	74	28	0	105	5650	80	26	15	450	0.02
THAC042	30	33	P581338	12	76	24	6	90	6500	60	25	12	350	0.02
THAC042	33	36	P581339	11	34	14	0	48	7700	36	18	10	300	0.06
THAC042	36	39	P581340	490	155	24	8	35	5500	200	14	72	900	0.08
THAC042	39	42	P581341	950	220	14	8	18	3900	140	17	105	1250	0.48
THAC042	42	45	P581342	340	200	24	0	54	5650	135	26	88	2050	0.25
THAC042	45	48	P581343	290	1650	38	8	48	7400	160	38	175	2550	0.3
THAC042	48	51	P581344	240	1100	38	0	36	7050	190	25	180	2950	0.46
THAC042	51	54	P581345	145	260	50	0	54	3100	76	29	82	1900	0.38
THAC042	54	57	P581346	180	105	40	0	52	2000	60	17	56	1900	0.17
THAC042	57	60	P581347	100	500	38	6	62	2700	78	14	64	1100	0.14
THAC042	60	63	P581348	110	370	52	0	72	2450	64	19	58	1550	0.24
THAC042	63	66	P581349	37	470	30	0	125	2000	47	17	49	1300	0.16
THAC042	66	69	P581350	19	350	26	0	150	1550	37	12	44	1000	0.39
THAC042	69	72	P581351	21	550	28	0	130	2450	58	11	48	800	0.25
THAC042	72	75	P581352	22	700	28	6	220	3050	72	14	70	850	0.38
THAC042	75	78	P581353	20	550	24	0	220	2200	56	11	49	700	0.29
THAC042	78	80	P581354	27	550	44	8	260	2200	54	17	64	850	0.45
THAC043	0	3	P581355	17	105	8	0	120	2150	64	12	28	850	0.81
THAC043	3	6	P581356	29	92	18	0	700	2500	60	15	22	44000	0.13
THAC043	6	9	P581357	82	270	56	6	130	3650	140	10	31	17900	2.64
THAC043	9	12	P581358	45	120	40	0	30	2450	190	3	8	8700	0.45
THAC043	12	15	P581359	70	135	20	6	31	1850	70	5	21	2600	0.46
THAC043	15	18	P581360	200	190	12	6	7	2450	94	5	58	900	0.63
THAC043	18	22	P581361	440	460	40	10	15	3500	190	7	86	1100	0.91
THAC043	22	25	P581362	360	500	140	10	39	2550	115	9	54	900	0.25
THAC043	25	28	P581363	125	210	12	0	28	2700	41	21	21	650	0.1
THAC043	28	31	P581364	330	340	42	10	45	2300	90	19	44	750	0.06
THAC043	31	34	P581365	430	480	56	8	78	2050	120	38	52	750	0.02
THAC043	34	37	P581366	460	550	22	12	80	3750	140	36	54	950	0.05
THAC043	37	40	P581367	800	1000	28	12	100	1550	105	39	92	950	0.12
THAC043	40	43	P581368	1400	1850	36	18	170	700	105	36	165	1100	0.48
THAC043	43	46	P581369	1500	2150	34	24	280	650	110	34	185	1450	0.49

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
THAC043	46	49	P581370	950	1550	36	20	150	1050	105	40	130	1600	0.58
THAC043	49	52	P581371	800	1500	36	20	260	1150	88	45	140	1000	0.41
THAC043	52	55	P581372	750	1500	32	22	400	1000	88	45	150	1150	0.37
THAC043	55	58	P581373	800	1300	170	20	410	1100	74	44	140	1000	0.33
THAC043	58	61	P581374	320	410	46	8	80	1800	38	17	39	1000	0.14
THAC043	61	64	P581375	170	250	26	6	49	1100	21	17	30	750	0.12
STD			P581376	450	320	150	18	50	3150	90	15	650	200	
THAC043	64	67	P581377	110	210	26	6	30	1200	20	21	33	700	0.09
THAC043	67	70	P581378	115	220	20	8	25	1850	36	18	22	700	0.09
THAC043	70	73	P581379	240	350	34	10	54	2050	42	20	37	750	0.11
THAC043	73	76	P581380	500	460	38	10	70	2300	72	22	52	1050	0.66
THAC043	76	79	P581381	600	550	24	8	48	1950	80	26	94	1200	0.5
THAC043	79	82	P581382	490	700	22	12	43	1300	68	54	105	1100	0.51
THAC043	82	83	P581383	480	700	30	12	62	1050	58	56	105	1250	0.5
THAC044	0	3	P581384	34	105	6	0	105	1700	54	14	34	8700	0.57
THAC044	3	6	P581385	94	150	14	8	380	2700	84	25	38	27400	0.19
THAC044	6	9	P581386	115	165	30	8	88	3400	115	18	43	18900	0.2
THAC044	9	12	P581387	650	270	32	16	43	2150	260	19	70	11000	0.31
THAC044	12	15	P581388	1050	56	38	6	58	2350	220	27	105	1400	1.2
THAC044	15	18	P581389	1400	94	0	6	25	2350	115	10	100	300	2.05
THAC044	18	21	P581390	1150	90	0	0	33	1750	100	20	72	250	1.8
THAC044	21	24	P581391	1050	84	0	6	23	2050	120	16	70	200	3.41
THAC044	24	27	P581392	1450	140	0	0	16	2400	130	19	100	250	3.01
THAC044	27	30	P581393	1150	115	0	6	20	1900	110	10	72	200	1.45
THAC044	30	33	P581394	1200	94	0	0	16	1950	125	7	72	200	1.9
THAC044	33	36	P581395	1000	280	0	0	54	2250	125	8	68	300	1.92
THAC044	36	39	P581396	1000	130	0	0	9	2100	130	7	68	300	1.53
THAC044	39	42	P581397	1050	100	0	0	10	2100	145	10	72	450	2.1
THAC044	42	45	P581398	1050	84	0	0	9	1800	135	7	64	700	4.2
THAC044	45	48	P581399	1100	110	6	6	9	1800	120	8	68	600	14.2
THAC044	48	51	P581400	1200	105	0	0	9	1900	130	8	68	700	17
STD			P581401	460	340	155	22	45	3250	90	19	650	200	
THAC044	51	54	P581402	1200	94	0	0	8	1750	115	8	66	950	13.1
THAC044	54	57	P581403	1100	100	0	0	22	1700	110	8	62	600	17.5
THAC044	57	60	P581404	1100	86	0	0	12	1900	125	7	60	650	30.7
THAC044	60	63	P581405	1100	100	0	0	8	2050	135	9	68	800	11
THAC044	63	66	P581406	1200	115	0	0	7	1750	125	10	68	950	12.5
THAC044	66	69	P581407	1200	94	0	0	5	1950	130	7	70	900	13
THAC044	69	72	P581408	1050	230	0	12	37	2150	125	9	74	1250	9.37
THAC045	0	3	P581409	38	125	8	0	120	2150	70	12	29	800	0.8
THAC045	3	6	P581410	50	84	10	0	115	2700	62	24	28	8250	0.27

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
THAC045	6	9	P581411	60	130	26	6	68	4750	72	39	38	1900	0.24
THAC045	9	12	P581412	240	120	120	6	42	3250	150	13	155	700	0.26
THAC045	12	15	P581413	250	155	20	10	22	4050	150	18	49	600	0.14
THAC045	15	18	P581414	240	94	28	8	16	4750	210	12	52	600	0.12
THAC045	18	21	P581415	155	98	18	0	19	3900	160	13	38	550	0.35
THAC045	21	24	P581416	44	66	16	6	15	5250	195	16	18	500	0.08
THAC045	24	27	P581417	30	105	22	10	16	5550	220	23	13	500	0.11
THAC045	27	30	P581418	47	160	20	0	33	5050	150	25	22	500	0.11
THAC045	30	33	P581419	72	190	20	6	32	5150	145	27	54	450	0.12
THAC045	33	36	P581420	96	210	22	6	35	5750	165	32	110	550	0.14
THAC045	36	39	P581421	210	800	14	6	30	4950	115	26	360	550	0.18
THAC045	39	42	P581422	80	600	12	0	110	4800	110	23	92	500	0.21
THAC045	42	45	P581423	78	700	10	6	115	4250	100	23	105	400	0.28
THAC045	45	48	P581424	195	750	8	0	98	3650	135	21	88	300	0.3
THAC045	48	51	P581425	500	185	0	0	36	2750	175	12	88	250	0.54
THAC045	51	52	P581426	300	230	10	0	66	3300	175	17	74	300	0.74
THAC046	0	3	P581427	20	105	8	0	130	1850	66	12	25	1050	0.95
THAC046	3	6	P581428	17	50	6	0	250	1300	42	10	14	117000	0.09
THAC046	6	9	P581429	24	100	22	0	170	3800	66	11	30	68600	0.06
THAC046	9	12	P581430	15	110	14	0	84	1300	41	9	12	3050	1.42
THAC046	12	15	P581431	12	240	10	0	175	900	26	7	6	450	1.41
THAC046	15	16	P581432	23	240	6	0	170	2100	56	11	19	300	0.96
THAC047	0	3	P581433	16	195	8	0	390	1200	34	12	22	2250	0.83
THAC047	3	6	P581434	23	145	16	0	110	3000	145	15	40	1850	0.67
THAC047	6	9	P581435	28	145	24	0	98	4400	105	18	34	1750	0.29
THAC047	9	12	P581436	48	360	28	6	96	5150	74	35	41	2050	0.22
THAC047	12	15	P581437	135	210	34	0	76	4300	82	25	36	1600	0.33
THAC047	15	18	P581438	900	250	410	8	46	1350	145	24	60	650	0.52
THAC047	18	21	P581439	1500	130	46	6	28	2200	125	10	125	700	0.37
THAC047	21	24	P581440	650	550	28	0	130	3050	210	52	105	550	0.4
THAC047	24	27	P581441	350	400	22	0	250	4300	140	28	120	300	0.34
THAC047	27	30	P581442	270	430	22	0	260	4100	120	31	105	200	0.41
THAC047	30	33	P581443	460	600	36	0	400	3800	115	26	105	300	0.96
THAC047	33	36	P581444	280	650	26	0	440	3700	110	22	100	150	0.97
THAC047	36	39	P581445	360	550	28	0	390	2900	86	20	84	100	0.7
THAC047	39	42	P581446	220	700	26	0	400	3450	105	23	84	100	0.96
THAC047	42	45	P581447	850	290	14	6	88	2750	140	13	120	300	0.36
THAC047	45	48	P581448	160	700	18	0	175	4100	140	21	100	100	0.99
THAC047	48	51	P581449	310	150	36	6	310	1600	54	20	68	150	0.79
THAC048	0	3	P581450	98	190	20	8	220	2650	120	14	47	800	1.58
THAC048	3	6	P581451	76	82	18	0	260	2850	125	4	48	300	0.5

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
THAC048	6	9	P581452	56	58	20	0	270	2650	72	3	50	250	0.41
THAC048	9	10	P581453	44	140	26	8	410	2550	58	6	22	250	0.74
THAC049	0	3	P581454	110	160	18	0	340	1650	62	11	30	800	1.17
THAC049	3	6	P581455	62	52	16	6	260	3150	120	2	46	300	0.4
THAC049	6	9	P581456	38	42	20	0	270	3000	84	0	37	200	0.55
THAC049	9	12	P581457	33	70	22	0	440	3200	72	2	45	200	0.37
THAC049	12	15	P581458	39	68	54	6	340	3450	74	3	76	200	0.43
THAC049	15	18	P581459	58	88	18	0	240	3200	78	2	56	200	0.48
THAC049	18	21	P581460	41	500	56	8	470	2850	68	6	100	200	0.6
THAC049	21	24	P581461	125	600	30	0	290	2950	60	12	90	50	0.92
THAC049	24	27	P581462	60	650	42	0	210	2750	56	8	115	100	0.69
THAC049	27	30	P581463	36	700	36	8	400	2800	54	8	74	50	1.09
THAC049	30	33	P581464	39	650	18	8	450	2950	64	9	64	<50	1.2
THAC050	0	3	P581465	47	150	12	0	550	1650	54	11	30	850	1.2
THAC050	3	6	P581466	37	82	6	10	290	3350	96	3	41	200	1
THAC050	6	9	P581467	37	56	8	10	320	3600	82	2	47	200	0.47
THAC050	9	12	P581468	40	64	12	6	380	3500	70	2	44	300	0.32
THAC050	12	15	P581469	27	340	24	0	600	3050	60	3	54	900	0.34
THAC050	15	18	P581470	36	220	14	14	270	3050	60	3	54	300	0.41
THAC050	18	21	P581471	36	390	14	8	550	3100	68	7	58	350	0.29
THAC050	21	24	P581472	64	800	10	0	470	2900	48	15	82	50	0.43
THAC050	24	27	P581473	33	800	12	10	900	2950	56	29	70	300	0.61
THAC050	27	29	P581474	24	600	10	6	320	2750	52	7	56	<50	1.35
THAC051	0	3	P581475	39	125	0	0	400	1650	64	11	40	850	0.61
THAC051	3	6	P581476	84	86	6	6	230	4250	140	6	68	300	0.34
THAC051	6	9	P581477	110	125	12	8	170	6950	175	7	60	550	0.34
THAC051	9	12	P581478	24	40	12	0	340	2750	54	3	36	200	0.46
THAC051	12	15	P581479	28	340	56	0	470	2550	52	5	47	400	0.78
THAC051	15	18	P581480	60	185	20	0	220	2450	60	10	70	350	0.5
THAC051	18	21	P581481	36	240	26	6	410	2100	45	22	50	150	0.49
STD			P581482	460	310	150	16	44	3100	86	18	600	200	
THAC052	0	3	P581483	430	92	8	0	400	1800	84	8	47	850	1.26
THAC052	3	6	P581484	2500	66	12	18	15	4400	230	6	165	1150	6.23
THAC052	6	9	P581485	3550	16	14	10	29	3250	185	2	165	1150	12.7
THAC052	9	12	P581486	3650	0	26	8	48	3200	155	3	220	800	7.18
THAC052	12	15	P581487	3250	0	14	6	47	1900	100	6	150	400	6.06
THAC052	15	18	P581488	2100	0	0	0	25	2100	120	17	140	150	7.65
THAC052	18	21	P581489	900	0	0	0	20	2700	185	20	80	<50	6.49
THAC052	21	24	P581490	900	56	0	0	30	1900	130	10	62	<50	7.93
THAC052	24	27	P581491	1400	84	8	0	36	2350	135	10	66	100	3.06
THAC052	27	30	P581492	800	92	0	0	29	1900	125	7	54	<50	5.11

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
THAC052	30	33	P581493	1000	100	8	0	46	2250	120	10	74	100	1.62
THAC052	33	36	P581494	1250	58	6	0	49	1650	105	7	72	50	3.72
THAC052	36	39	P581495	1150	60	6	0	52	1650	100	6	62	150	5.43
THAC052	39	42	P581496	1150	38	12	0	48	1450	92	6	52	550	26.2
THAC052	42	43	P581497	1150	30	0	0	47	1550	98	6	56	600	32.3
THAC053	0	3	P581498	39	96	10	0	160	1300	45	8	22	1600	1.09
THAC053	3	6	P581499	72	200	14	10	220	2600	78	5	33	1250	0.29
THAC053	6	9	P581500	84	200	28	6	140	2800	98	4	46	4550	0.3
THAC053	9	12	P581501	54	190	14	0	195	2700	100	5	45	600	0.58
THAC053	12	15	P581502	48	110	10	6	220	3000	105	4	56	300	0.47
THAC053	15	18	P581503	44	130	14	0	300	2400	94	4	50	300	0.52
THAC053	18	21	P581504	68	360	10	0	280	5100	175	12	72	350	0.38
THAC053	21	24	P581505	74	480	8	6	250	3200	78	14	66	50	0.76
THAC054	0	3	P581506	10	68	8	6	220	2000	49	12	17	250	0.45
THAC054	3	6	P581507	6	64	0	0	58	2100	27	18	13	100	0.54
THAC054	6	9	P581508	3	64	0	0	37	2050	14	14	12	50	0.8
THAC054	9	12	P581509	5	115	6	6	42	2700	18	25	19	100	1.27
THAC054	12	15	P581510	7	88	0	0	28	2700	21	19	13	150	1.35
THAC055	0	3	P581511	13	88	8	6	105	1800	50	10	31	1000	0.35
THAC055	3	6	P581512	27	100	16	0	58	2050	64	12	32	600	0.08
THAC055	6	9	P581513	64	140	18	8	82	2500	80	11	43	1150	0.1
THAC055	9	12	P581514	14	80	14	0	52	2000	52	10	33	450	0.14
THAC055	12	15	P581515	20	92	16	0	50	2100	54	14	34	650	0.14
THAC055	15	18	P581516	14	110	18	0	54	2150	54	13	33	550	0.13
THAC055	18	21	P581517	11	140	18	0	110	2250	47	10	28	1100	0.13
THAC055	21	24	P581518	15	155	28	6	3000	2600	56	12	38	5250	0.09
THAC055	24	27	P581519	20	105	24	8	3300	2050	47	17	43	10900	0.06
THAC055	27	30	P581520	40	110	24	6	1750	2650	86	15	27	13400	0.06
THAC055	30	33	P581521	41	56	14	6	850	3350	80	9	10	3150	0.13
THAC055	33	36	P581522	66	62	12	6	200	5200	47	12	12	1200	0.05
THAC055	36	39	P581523	56	38	10	0	210	4050	40	16	6	1150	0.05
THAC055	39	42	P581524	40	60	12	0	92	7500	70	17	8	850	0.02
THAC055	42	45	P581525	23	76	30	6	31	6350	52	15	9	1200	0.01
THAC055	45	48	P581526	28	125	30	0	88	9900	54	20	26	1200	0.07
THAC055	48	51	P581527	56	175	30	0	96	8500	58	21	23	1250	0.06
THAC055	51	54	P581528	82	94	10	6	44	5150	96	8	44	800	0.07
THAC055	54	57	P581529	105	110	54	8	290	3150	92	8	100	1350	0.07
THAC055	57	60	P581530	120	125	18	0	145	3600	100	15	100	1050	0.03
THAC055	60	63	P581531	66	98	14	6	180	4800	42	13	23	1050	0.05
THAC055	63	66	P581532	80	185	20	6	54	10500	110	8	45	1300	0.05
THAC055	66	69	P581533	115	650	46	8	52	5350	170	23	115	2750	0.1

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
THAC055	69	72	P581534	190	750	42	6	210	8650	190	220	135	1400	0.21
THAC055	72	75	P581535	290	380	24	10	96	4850	94	41	170	1700	0.16
THAC055	75	78	P581536	320	340	20	8	54	4200	145	18	170	1600	4.5
THAC055	78	80	P581537	220	320	34	0	72	2100	52	21	155	1900	1.93
STD			P581538	410	300	155	16	43	3050	84	15	650	200	
THAC056	0	3	P581539	16	105	6	0	88	1500	33	8	30	5800	0.66
THAC056	3	6	P581540	24	145	14	0	72	2700	72	10	41	900	0.51
THAC056	6	9	P581541	29	110	18	0	70	2350	62	8	52	1150	0.48
THAC056	9	12	P581542	16	62	12	0	43	1450	38	6	23	750	0.32
THAC056	12	15	P581543	11	42	8	6	31	1100	23	7	15	300	0.43
THAC056	15	18	P581544	20	110	20	0	62	2950	52	15	39	800	0.35
THAC056	18	21	P581545	18	120	14	0	130	2350	41	10	28	700	0.31
THAC056	21	24	P581546	24	145	54	0	4550	2750	60	16	66	14600	0.11
THAC056	24	27	P581547	16	48	14	0	500	1250	22	10	34	4450	0.18
THAC056	27	30	P581548	25	50	18	6	76	2350	74	7	18	15600	0.2
THAC056	30	33	P581549	35	94	20	0	96	3300	68	19	13	1350	0.09
THAC056	33	36	P581550	49	210	22	0	72	6150	130	9	24	1200	0.24
THAC056	36	39	P581551	40	320	30	8	60	5750	165	14	37	1150	0.11
THAC056	39	42	P581552	35	320	32	6	60	3550	125	24	40	1000	0.09
THAC056	42	45	P581553	26	260	22	0	115	2550	86	19	45	1200	0.12
THAC056	45	47	P581554	31	270	26	6	230	3100	90	17	58	900	0.13
THAC057	0	3	P581555	16	86	10	0	130	1700	43	11	28	750	0.55
THAC057	3	6	P581556	16	105	10	0	78	1900	46	7	31	750	0.52
THAC057	6	9	P581557	17	110	12	0	88	2300	60	7	37	850	0.17
THAC057	9	12	P581558	13	92	14	0	78	2150	52	8	32	600	0.42
THAC057	12	15	P581559	13	110	14	0	62	2000	49	10	28	450	0.4
THAC057	15	18	P581560	16	110	16	0	76	2550	49	14	28	700	0.1
THAC057	18	21	P581561	13	100	18	6	2750	2050	38	10	23	2300	0.36
THAC057	21	24	P581562	23	125	40	0	9000	2500	54	15	50	12600	0.15
THAC057	24	27	P581563	21	92	24	0	2200	1850	33	24	45	8650	0.19
THAC057	27	30	P581564	35	76	46	0	310	2500	70	10	19	11600	0.13
THAC057	30	33	P581565	46	66	14	0	280	3850	62	8	9	2850	0.4
THAC057	33	36	P581566	42	34	24	6	94	3550	33	6	9	1250	0.14
THAC057	36	39	P581567	37	48	12	0	42	5250	52	10	8	1000	0.16
THAC057	39	42	P581568	31	66	12	6	44	7800	56	19	8	850	0.14
THAC057	42	45	P581569	58	150	36	0	48	7550	78	20	16	1350	0.09
THAC057	45	48	P581570	125	250	32	10	74	5250	130	27	90	1900	0.2
THAC057	48	51	P581571	200	330	38	14	48	6800	160	32	105	1900	0.14
THAC057	51	54	P581572	195	310	14	0	36	8900	260	6	74	2500	0.24
THAC057	54	57	P581573	270	310	18	0	34	9450	350	8	120	2150	0.62
THAC057	57	60	P581574	440	550	16	6	32	7450	220	90	210	2150	1.27

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
THAC057	60	63	P581575	600	4500	12	0	50	9750	320	37	175	1750	1.57
THAC057	63	66	P581576	550	3750	14	12	82	8300	320	33	145	2150	0.84
THAC057	66	69	P581577	350	1600	14	6	350	4000	130	26	115	1500	1.13
THAC057	69	72	P581578	370	1300	14	0	270	4950	145	20	125	1750	1.37
THAC057	72	75	P581579	340	950	10	0	430	3450	120	16	115	1050	1.93
THAC057	75	78	P581580	240	1050	12	0	450	3700	140	17	110	550	1.6
THAC058	0	3	P581581	21	120	6	6	240	1700	43	9	24	850	0.62
THAC058	3	6	P581582	17	120	14	0	76	2300	72	9	29	650	0.43
THAC058	6	9	P581583	21	125	10	0	68	1850	56	6	21	650	0.21
THAC058	9	12	P581584	15	58	8	0	42	1500	29	4	15	550	0.14
THAC058	12	15	P581585	23	96	10	0	45	2450	52	6	26	700	0.22
THAC058	15	18	P581586	34	74	28	0	35	2750	68	6	28	700	0.09
THAC058	18	21	P581587	42	80	32	0	38	2800	68	6	34	650	0.12
THAC058	21	24	P581588	94	62	20	0	27	3950	82	7	44	650	0.17
THAC058	24	27	P581589	430	58	20	8	27	3250	82	4	150	750	0.35
THAC058	27	30	P581590	650	98	30	0	230	1500	30	52	155	500	0.31
THAC058	30	33	P581591	650	115	32	6	260	1650	42	26	105	450	0.28
THAC058	33	36	P581592	750	66	0	0	49	1600	74	14	98	650	0.8
STD			P581593	450	340	155	18	45	3150	88	18	600	200	
THAC058	36	39	P581594	750	200	200	0	70	1700	105	18	145	1000	3.01
THAC058	39	42	P581595	440	240	12	0	220	1550	52	15	58	550	1.87
THAC058	42	45	P581596	650	270	6	8	105	1550	88	9	76	900	8.47
THAC058	45	48	P581597	550	220	8	0	240	1400	90	9	47	600	13.7
THAC058	48	51	P581598	550	200	0	0	155	1500	82	8	54	500	14.5
THAC058	51	54	P581599	500	195	6	0	190	1450	86	8	58	600	18.7
THAC058	54	57	P581600	500	185	0	0	210	1400	84	7	68	600	14.9
THAC058	57	61	P581601	470	210	0	0	230	1500	88	7	56	500	16.4
THAC059	0	3	P581602	62	140	8	0	300	1500	44	10	26	750	1.14
THAC059	3	6	P581603	190	155	14	0	86	2350	80	11	46	750	2.1
THAC059	6	9	P581604	105	125	18	8	82	2400	70	8	37	450	2.22
THAC059	9	12	P581605	46	98	12	0	54	1850	44	5	18	350	0.73
THAC059	12	15	P581606	185	60	72	0	120	2950	88	13	68	700	0.59
THAC059	15	18	P581607	270	38	36	6	250	1500	84	8	86	800	0.22
THAC059	18	21	P581608	48	68	14	0	43	2200	48	6	25	450	0.82
THAC059	21	24	P581609	64	58	14	0	43	2450	76	6	29	400	0.78
THAC059	24	27	P581610	430	80	20	0	440	1200	62	5	72	350	0.3
THAC059	27	30	P581611	380	56	18	0	440	1200	58	5	82	200	0.3
THAC059	30	33	P581612	260	86	16	0	490	1200	64	6	68	250	0.55
THAC059	33	36	P581613	240	170	14	6	500	1200	66	6	58	250	0.67
THAC059	36	38	P581614	270	145	14	0	490	1200	64	5	60	300	1.29
THAC060	0	3	P581615	22	115	12	0	270	1600	44	11	22	1100	0.42

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
THAC060	3	6	P581616	27	96	16	0	90	2300	84	9	34	600	0.49
THAC060	6	9	P581617	15	105	12	0	60	2350	58	6	25	500	0.27
THAC060	9	12	P581618	12	86	12	0	43	1850	52	4	22	450	0.18
THAC060	12	15	P581619	14	66	10	0	41	1700	37	6	19	500	0.12
THAC060	15	18	P581620	32	90	48	6	66	2600	70	6	39	850	0.39
THAC060	18	21	P581621	92	68	96	0	94	2700	125	5	47	950	0.47
THAC060	21	24	P581622	130	88	38	6	155	2550	165	5	74	900	0.2
THAC060	24	27	P581623	120	16	16	0	290	1750	94	9	78	500	0.41
THAC060	27	30	P581624	145	32	8	0	290	2100	125	12	74	350	0.98
THAC060	30	33	P581625	200	350	12	0	230	2450	110	13	98	250	1.22
THAC060	33	36	P581626	190	950	16	0	290	2500	84	14	120	400	0.93
THAC060	36	39	P581627	210	350	12	0	340	1750	84	11	94	300	1.2
THAC060	39	42	P581628	290	1050	16	0	170	2700	105	18	140	450	1.27
THAC060	42	45	P581629	320	175	12	0	350	1400	80	7	96	300	1.13
THAC060	45	48	P581630	250	125	8	0	290	1350	78	7	78	350	1.7
THAC060	48	51	P581631	280	105	8	0	350	1350	82	7	62	300	1.07
THAC060	51	54	P581632	230	90	10	0	350	1450	84	7	56	200	2.08
THAC060	54	57	P581633	150	155	8	0	290	1000	35	6	50	250	1.28
THAC061	0	3	P581634	14	94	10	0	250	1450	36	9	22	1500	0.62
THAC061	3	6	P581635	26	105	16	0	80	2300	94	9	33	700	0.64
THAC061	6	9	P581636	25	100	18	0	70	2450	100	7	36	800	0.55
THAC061	9	12	P581637	84	58	22	0	120	3050	100	6	45	550	1
THAC061	12	15	P581638	170	28	24	0	290	1650	86	10	74	350	0.64
THAC061	15	18	P581639	230	26	8	0	260	1600	90	12	82	250	1.49
THAC061	18	21	P581640	190	24	44	0	330	1050	64	9	92	400	1.2
THAC061	21	24	P581641	250	28	26	0	230	1600	98	12	96	300	1.23
THAC061	24	27	P581642	290	8	14	0	370	1350	66	9	74	450	1.27
THAC061	27	30	P581643	155	26	12	0	360	1150	54	8	50	350	0.91
THAC061	30	33	P581644	185	10	10	0	370	1200	62	7	54	550	0.87
THAC061	33	36	P581645	160	60	8	0	370	1250	74	7	54	350	1.14
THAC061	36	38	P581646	180	72	8	0	310	1350	82	7	49	350	1.13
STD			P581647	500	290	160	18	48	3300	86	21	650	250	
THAC062	0	3	P581648	26	120	6	0	290	1600	42	11	26	1350	0.44
THAC062	3	6	P581649	23	94	12	0	125	1850	56	12	24	1100	0.45
THAC062	6	9	P581650	72	105	10	0	160	2600	92	8	43	700	0.33
THAC062	9	12	P581651	92	38	8	6	36	1650	100	0	50	550	0.13
THAC062	12	15	P581652	110	92	20	6	125	1500	120	4	72	750	0.08
THAC062	15	18	P581653	130	28	105	0	270	1400	80	8	98	400	0.27
THAC062	18	21	P581654	155	38	72	0	300	1550	90	10	100	400	1.58
THAC062	21	24	P581655	150	52	48	0	290	1500	100	11	92	350	1.24
THAC062	24	27	P581656	140	38	28	0	330	4000	155	18	100	300	0.67

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
THAC062	27	30	P581657	140	24	10	0	410	1300	72	7	66	450	0.64
THAC062	30	33	P581658	140	42	12	6	420	1250	68	7	66	350	0.67
THAC062	33	35	P581659	145	44	12	6	420	1250	72	7	66	300	0.7
THAC063	0	3	P581660	20	120	8	0	290	1550	43	10	26	900	0.64
THAC063	3	6	P581661	24	88	10	0	96	2150	62	10	28	850	0.52
THAC063	6	9	P581662	23	42	6	6	48	2000	94	3	21	600	0.08
THAC063	9	12	P581663	24	34	0	0	23	2950	130	0	16	600	0.04
THAC063	12	15	P581664	40	0	20	8	20	2650	195	0	37	650	0.06
THAC063	15	18	P581665	115	80	145	6	45	3400	370	2	98	750	0.17
THAC063	18	21	P581666	160	64	115	6	84	4200	240	8	105	750	0.24
THAC063	21	24	P581667	150	22	42	0	220	2900	160	18	84	200	1.62
THAC063	24	27	P581668	135	40	22	0	310	1650	110	11	72	300	1.09
THAC063	27	30	P581669	160	100	26	6	280	1500	110	10	130	600	1.07
THAC064	0	3	P581670	18	80	8	0	125	1500	40	9	25	550	0.87
THAC064	3	6	P581671	23	90	14	0	82	1850	54	12	31	1550	1.29
THAC064	6	9	P581672	18	90	12	0	50	2100	76	6	26	450	0.42
THAC064	9	12	P581673	30	14	8	8	20	2050	76	0	8	550	0.07
THAC064	12	15	P581674	58	12	18	0	15	2200	82	0	24	450	0.11
THAC064	15	18	P581675	33	28	68	0	92	1350	39	3	18	400	0.17
THAC064	18	20	P581676	14	54	48	0	195	1100	20	6	14	200	0.91
THAC065	0	3	P581677	11	105	8	0	230	1750	49	10	24	1100	0.46
THAC065	3	6	P581678	16	115	14	6	66	2650	96	9	25	400	0.46
THAC065	6	9	P581679	11	38	10	0	45	7300	72	8	15	750	0.47
THAC065	9	12	P581680	9	14	8	10	8	13800	125	7	5	400	0.12
THAC065	12	15	P581681	6	0	14	6	9	2600	54	0	16	500	0.06
THAC065	15	18	P581682	25	0	38	0	11	2150	175	0	31	650	0.17
THAC065	18	21	P581683	105	58	220	6	68	2000	175	4	175	700	0.28
THAC065	21	24	P581684	120	10	76	6	470	2100	88	7	320	400	0.5
THAC065	24	27	P581685	110	24	40	0	550	1750	86	8	190	350	0.7
THAC065	27	30	P581686	92	50	14	0	650	1800	98	9	72	250	0.96
THAC065	30	33	P581687	92	54	12	6	650	1850	100	9	70	250	2.27
THAC065	33	36	P581688	86	68	12	10	600	1600	80	8	66	300	1.45
STD			P581689	470	340	150	14	52	3300	96	22	650	200	
THAC066	0	3	P581690	15	140	8	0	240	1750	46	13	22	650	0.84
THAC066	3	6	P581691	20	125	16	0	94	2400	74	13	30	600	0.86
THAC066	6	9	P581692	13	68	10	0	44	1700	44	4	23	400	0.23
THAC066	9	12	P581693	20	82	12	6	46	2200	52	5	23	450	0.31
THAC066	12	15	P581694	23	70	12	0	70	2150	50	5	27	650	0.61
THAC066	15	18	P581695	43	42	250	0	37	3350	72	5	19	450	0.45
THAC066	18	22	P581696	86	16	8	6	6	3650	76	4	7	400	0.24
THAC066	22	25	P581697	90	20	12	6	8	2800	52	2	8	550	0.18

Hole	from	to	sample no.	Ni	P	Pb	Sb	Sr	Ti	V	Y	Zn	S	mag sus
	metres	metres		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
				IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	
THAC066	25	28	P581698	45	34	20	6	29	6900	41	16	0	350	0.21
THAC066	28	31	P581699	195	12	6	10	16	4100	48	2	23	650	0.04
THAC066	31	34	P581700	130	32	6	6	22	2350	31	0	18	650	0.03
THAC066	34	37	P581701	92	58	6	8	16	2800	78	2	31	800	0.13
THAC066	37	40	P581702	160	170	105	0	13	2500	100	5	32	950	0.13
THAC066	40	43	P581703	39	54	28	0	12	2900	33	4	7	700	0.15
THAC066	43	46	P581704	24	74	12	0	7	1850	25	3	8	500	0.27
THAC066	46	49	P581705	52	150	14	0	35	4100	70	14	17	1100	0.18
THAC066	49	52	P581706	120	850	12	0	92	9350	220	42	74	1450	0.15
THAC066	52	55	P581707	180	1300	14	0	125	6800	240	27	130	1800	0.19
THAC066	55	58	P581708	320	2500	0	0	380	4850	180	35	200	1100	0.48
THAC066	58	61	P581709	340	1700	0	6	430	4400	130	27	195	900	0.33
THAC066	61	63	P581710	280	2200	8	0	600	3700	145	24	170	750	0.35
THAC067	0	3	P581711	22	140	0	0	130	1850	42	11	29	2500	0.91
THAC067	3	6	P581712	20	140	6	0	96	1900	44	14	28	450	0.94
THAC067	6	9	P581713	16	80	8	0	40	1550	40	5	20	350	0.62
THAC067	9	12	P581714	20	105	10	0	54	1800	43	6	21	500	0.43
THAC067	12	15	P581715	30	115	12	0	48	2350	60	6	30	500	0.32
THAC067	15	18	P581716	58	110	42	0	30	3150	155	5	23	600	0.22
THAC067	18	21	P581717	50	46	22	8	16	4850	88	5	9	400	0.13
THAC067	21	24	P581718	165	42	12	8	22	5250	72	5	18	500	0.19
THAC067	24	27	P581719	140	0	22	0	20	3150	115	0	29	550	0.33
THAC067	27	30	P581720	480	90	38	6	33	2400	165	4	100	600	0.51
THAC067	30	33	P581721	400	195	14	8	43	2400	84	47	140	900	0.34
THAC067	33	36	P581722	280	230	14	8	30	2050	66	105	105	1050	0.27
THAC067	36	39	P581723	430	120	14	6	35	1850	68	66	190	1350	0.23
THAC067	39	42	P581724	290	125	10	8	135	1650	62	52	130	900	0.21

Appendix 5

Mineralogical Report

MINERALOGICAL REPORT No. 8641

by Alan Purvis PhD.

February 7th, 2005

TO :	Mr Peter Hill Mithril Resources Ltd 247 Greenhill Road DULWICH SA 5065
YOUR REFERENCE :	Your covering memo dated 12/01/05
MATERIAL :	Drill chip samples, Harris Greenstone Belt
IDENTIFICATION :	Drill holes THAC045, 039, 052, 029, 058, 067
WORK REQUESTED :	Thin section preparation, description and report with comments as discussed
SAMPLES & SECTIONS :	Returned to you with this report.
DIGITAL COPY :	Enclosed with hard copy of this report.

PONTIFEX & ASSOCIATES PTY. LTD.

SUMMARY COMMENTS

The six chip samples described in this report from thin sections of the chips mounted in epoxy, are from three separate localities within EL2842 held by Mithril Resources Ltd, including Mullina West (drillholes THAC45 and 39), Talia (THRC29 and 52) and Moolkra (THAC 58 and 67).

The Mullina West and Talia areas are close to lines of drillholes drilled by PIRSA, and are about 10km apart, whereas Moolkra is adjacent to the Transcontinental Railway line and 15km east of Talia. Extensive previous petrology by this author (Alan Purvis) on core and cuttings from the PIRSA drilling 2000 to 2002 indicates that metamorphism at Talia is at 620-640 °C at probably 300MPa (3Kb) or less, with lower grades and more deformation at Mullina West and even lower grades (550-570°C) at Lake Harris. Retrograde metamorphism is evident throughout, especially at Mullina West and Lake Harris (drillhole LH-1). The samples described in this report show probable amphibolite facies metamorphism with retrogression affecting metamorphic olivine at Talia, and plagioclase at Moolkra. Komatiites at Mullina West generally include more abundant low-Mg samples than those from the eastern line (near Talia) and from adcumulus zones at Lake Harris. Moreover, sulphides at Mullina West are more sulphur-rich (pyrite, polydymite and millerite), with less sulphur-rich sulphide (pyrrhotite, mackinawite, pentlandite, millerite, heazelwoodite) at Mullina East and Lake Harris.

The **Mullina West** samples in this report include several chips of mafic amphibolite, possibly derived from relatively magnesian basalt, with quartz-rich veins (± biotite ± limonite after pyrite) in THAC045 and veins with adularia, carbonate and chlorite in THAC039. A single chip of tremolite-chlorite schist in THAC045 represents low-Mg komatiite, possibly from a flow margin.

The **Talia** samples have serpentine after metamorphic olivine, but the sample from THAC52 is richer in tremolite and chlorite (suggesting olivine mesocumulate) than that in THRC029 (olivine adcumulate?), which could have had more than 2000 ppm Ni. Metamorphic olivine is more abundant in the Mullina Well eastern line (near Talia) than in the western line (Mullina West). Mullina West also has more abundant low-Mg komatiites than Mullina East or Talia.

The **Moolkra** samples seem to represent metamorphosed pyroxenite and gabbro from a layered sill. The sample from THAC058 has opaque oxide-clouded uralitic actinolite derived from clinopyroxene, recrystallised amphibole possibly ex-orthopyroxene and chlorite-spinel aggregates as well as a patch of sericite ex-plagioclase. Plagioclase and uralitised pyroxenes (clinopyroxene > orthopyroxene) occur in THAC067, with patches of recrystallised tremolite-actinolite, sericite-rich lenses and chlorite-epidote ± actinolite-rich lenses. The presence of spinel suggests amphibolite-facies metamorphism, but temperatures as low as 450°C are possible for these samples. These samples seem to be tholeiitic and lack opaque oxide. There is also no evidence of former sulphide.

It seems that this drilling has not always intersected komatiites, with tholeiitic flows in Mullina West and tholeiitic sills in Moolkra, but komatiites have been intersected in the Talia prospect and in one drillhole in Mullina West. The Mullina West komatiite sample seems to be low-Mg but may be from a flow margin.

INDIVIDUAL DESCRIPTIONS

THAC045, 48-52m

1. **Tremolite-chlorite metakomatiite with minor ilmenite**
2. **Magnesian amphibolite with lenses and veins of quartz ± biotite ± limonite after sulphide**

Field Note: *Mullina West, near PIRSA 'western line'*

Mineral	Vol %	Origin
[Ultramafic chip]		
Tremolite-actinolite or magnesiohornblende	80	Metamorphic
Chlorite	18	
Ilmenite?	2	
[Mafic chip]		
Magnesiohornblende	63	Metamorphic
Plagioclase	35	
Oxide	2	
Apatite	trace	
Quartz	major	
Limonite after pyrite	minor	In veins and lenses in the mafic chip

This thin section contains two chips, one of which is mostly composed of schistose amphibole but also has lenses and lamellae of schistose Mg-rich chlorite (clinochlore). This chip also has small lenses of ilmenite parallel to the schistosity. Most grains in this chip are less than 0.5mm long. The bulk mineralogy suggests a former komatiite that is relatively poor in MgO, depending on the composition of the amphibole.

The second chip is also schistose and amphibole-rich with a micromosaic of untwinned grains. Random checks of the optical character of grains in the micromosaic has given biaxial negative figures indicating calcic plagioclase, possibly andesine, and there is minor opaque oxide, possibly ilmenite as in the ultramafic chip. Small lenses of plagioclase and quartz also occur with very minor apatite. There are also quartz-rich lenses that seem to represent boudinaged vein and a narrow planar crosscutting biotite-bearing quartz vein, both of which contain limonite, apparently derived from sulphide. This sample seems to represent relatively magnesian basalt.

THAC039, 60-62m

Magnesian amphibolite with minor opaque oxide, cut by leucoxene-bearing fractures and narrow veinlets with adularia, carbonate and chlorite: metamorphosed Mg-rich basalt.

Field Note: *Mullina West*

Mineral	Vol %	Origin
Magnesiohornblende	60	Metamorphic
Plagioclase	37	
Oxide ± leucoxene	3	
Adularia	abundant	In narrow veins
Carbonate	minor	
Chlorite	minor	
Leucoxene ± clay	very minor	In fractures

The three chips in this thin section are all plagioclase-bearing with schistose very pale-green amphibole as the main mineral. All are fine-grained and have disseminated opaque oxide ± leucoxene and all are fractures and locally brecciated. Narrow fractures seem to contain leucoxene ± clay, but more clearly defined veins contain adularia, carbonate and chlorite in various proportions. This sample seems to represent magnesian basalt similar to that in the mafic chip described above, but with brittle deformation and low-temperature hydrothermal veins.

THAC052, 42-43m

Altered probable tremolite-actinolite-chlorite-olivine metakomatiite with serpentine-carbonate-opaque oxide after metamorphic olivine: more Mg-rich komatiite that in THAC045.

Field Note: *Mullina, near PIRSA eastern line*

Mineral	Vol %	Origin
Tremolite-actinolite	50	Metamorphic
Serpentine-carbonate-magnetite aggregates	26	Ex-olivine
Chlorite	22	Metamorphic
Oxide	2	Metamorphic

These chips all contain lamellae rich in poorly oriented amphibole prisms, locally as much as 1.5mm long but mostly about 0.5mm. Abundant schistose clinochlore is present as a matrix to amphibole crystals and in chlorite-rich lamellae. Lenses and lamellae also occur that are rich in mesh-textured serpentine with about ¼ to ⅓ of each lens composed of fine-grained carbonate and minor secondary magnetite between serpentine-rich cells. These lenses seem to have developed from metamorphic olivine, which is more abundant in the eastern line at Mullina Well and indicates a more magnesian composition than that shown by the komatiite chip in THAC045, 48-52m. Minor granular opaque oxide occurs in amphibole and chlorite-rich areas and may be chrome-magnetite.

THRC029, 34-37m

Aggregates of clouded serpentine with opaque oxide and lenses of clinochlore ± antigorite: altered metamorphosed olivine adcumulate with altered possible chromite.

Field Note: *Mullina: Elevated nickel in weathering profile (6-33m)*

Mineral	Vol %	Origin
Clouded serpentine	85	Ex-olivine
Opaque oxide	5	Secondary
Clinochlore	4	Metamorphic
Antigorite	4	Metamorphic, retrograde
Chromite/ferritchromite	trace	Igneous, altered

The chips in this sample are dominated by clouded serpentine, possibly chrysotile or lizardite, with lamellae of secondary opaque oxide on various scales, apparently derived from olivine. The olivine may have been metamorphic and there are lenses of foliated clinochlore within which there are crystals of antigorite, some of which are elongate at a high angle to the cleavage planes. Other antigorite crystals are elongate parallel to the (001) cleavage. Rare relatively coarse opaque oxide may be chrome-rich and seems to represent chromite modified by prograde and retrograde metamorphism. This seems to represent an olivine-rich cumulate (adcumulate?) but the olivine may have been recrystallised and of metamorphic origin.

THAC058, 60-61m

Tremolite-chlorite-magnetite-spinel rock with sericite ex-plagioclase: altered metamorphosed feldspathic pyroxenite

Field Note: *Moolkra*

Mineral	Vol %	Origin
Tremolite-magnetite ± spinel	27	Ex-pyroxene
Decussate clear tremolite-actinolite	55	Metamorphic
Sericite	4	Ex-plagioclase
Chlorite	8	Ex-plagioclase
Spinel	6	Ex-plagioclase

Abundant masses of strongly aligned tremolite-actinolite and lamellar fine-grained magnetite are seen in this sample and seem to have replaced largely cumulus probable clinopyroxene to 5mm in grainsize. Some of these masses also contain green spinel, disseminated or in fractures with clear tremolite. Patches of decussate clear tremolite are also disseminated and may have replaced orthopyroxene, although this is not entirely certain. A large patch of sericite, 6 x 4mm, seems to have replaced plagioclase, and there are also smaller patches composed of clinochlore ± green spinel that may be largely derived from plagioclase, with Mg derived from pyroxene. There is no sign of former olivine and this sample may represent a feldspathic pyroxenite in a layered mafic-ultramafic sill, possibly tholeiitic rather than komatiitic.

THAC067, 40-42m

Uralitised gabbro with sericite and actinolite to epidote-chlorite-rich lenses and patches but no opaque oxide.

Field Note: *Moolkra*

Mineral	Vol %	Origin
Actinolite	35	Ex-pyroxene
Plagioclase	50	Cumulus
Sericite	8	Ex-plagioclase
Various aggregates and lenses of actinolite-chlorite(± smectite)-epidote/clinozoisite	7	In lenses partly ex-plagioclase

Uralitic actinolite has replaced mostly granular pyroxene to 5mm in grainsize in this thin section, with less abundant actinolite with a texture more usually interpreted as representing former orthopyroxene. Some prismatic pyroxene is also evident and may have been recrystallised. Fresh plagioclase is also abundant, with elongate laths to 8mm long and 3mm wide, locally flooded by sericite. Complex lenses, varying from actinolite-rich to chlorite-epidote/clinozoisite-rich also occur, and may be partly derived from plagioclase. Mostly actinolite-free lenses also contain minor sericite and seem to pass into sericite-dominated lenses. Sericite also occurs on narrow fractures. This sample is a metagabbro from a layered sill and lacks any evidence of primary oxide, suggesting low fO_2 and pH_2O in the primary magma (tholeiitic). This may be part of the same sill as that represented in THAC058.

Appendix 6

Ground EM Report

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Mullina TEM Survey

1.Introduction.

As a result of geochemical anomalism from an aircore drilling program at Mullina Prospect, a moving loop TEM survey was performed over the prospect to determine if any bedrock conductors, caused by Ni-mineralisation might be present.

Initially four lines of TEM were planned. Specifications for the survey were as follows:

Contractor:Solo Geophysics
Loop Size:200m x 200m
Loop Move:100m
Stations50m
Component:Z
Frequency:30 Channels Composite Time
Gains:1,10

As the survey progressed, three additional lines were added to the planned work. Figure 1 shows the location of the moving loop survey with respect to the aeromagnetic data. A single fixed loop was also performed.

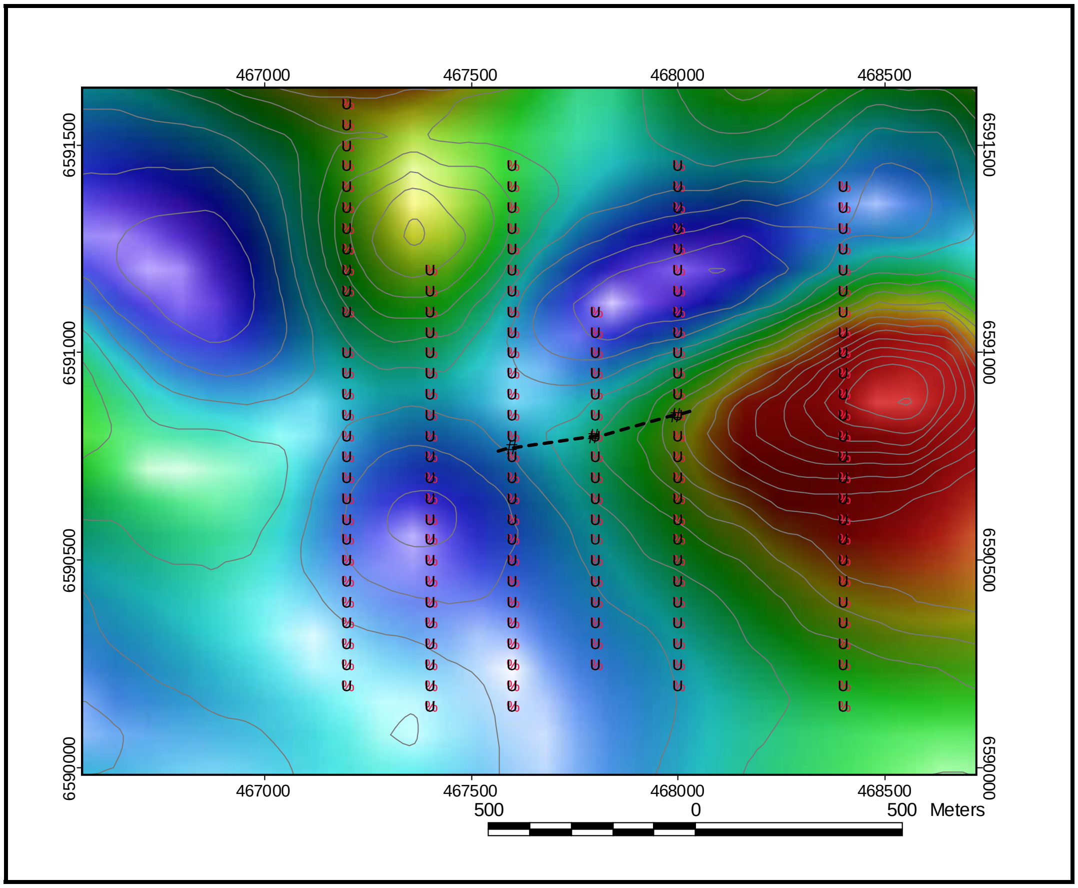


Figure 1: Mullina Moving Loop Survey station locations on 1VD RTP Aeromagnetics.

2.Results.

The moving loop data from Line 467600E showed a classic M-shaped anomaly at later time (see figure 2). This is directly below an early time high. This anomaly could also be recognised on lines 467800E, 468000E. The location of the anomaly is shown in figure 1. The M-shape is indicative of a steeply dipping narrow body. The moving loop data has a Tau = 1.5 msec. Profiles of the data are presented in Appendix A.

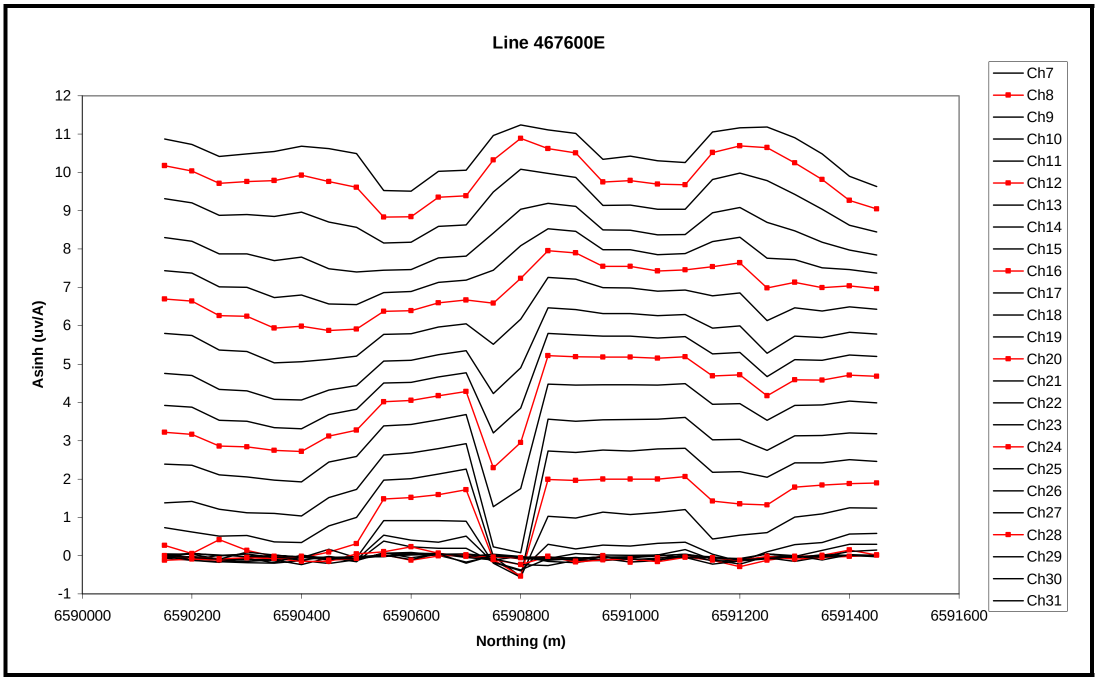


Figure 2: Moving Loop Data from Line 467600E

3.Fixed Loop Survey.

To verify the nature and location of the moving loop anomaly a fixed loop survey was performed. A single 400m x 300m loop was laid out and data collected on three lines, 467500E, 46700E, 467700E. The loop edges were located at 467400E, 467800E and 6590890N, 6591190N. Three components, X, Y and Z were recorded at stations 20m apart. A pronounced crossover was seen in the Z -component data. The location of the fixed loop survey and anomaly location is shown in figure 5. The Z-component data is shown below in figure 3. This response is typical of a steeply dipping plate. A comparison of the moving loop and fixed loop data from Line 467600E (figure 4) shows the crossover occurring directly above the null couple position in the moving loop data.

Also visible in the data from Lines 467600E and 467700E is a second weaker anomaly at 6590640N. This anomaly appears to be quite shallow and weakly conductive.

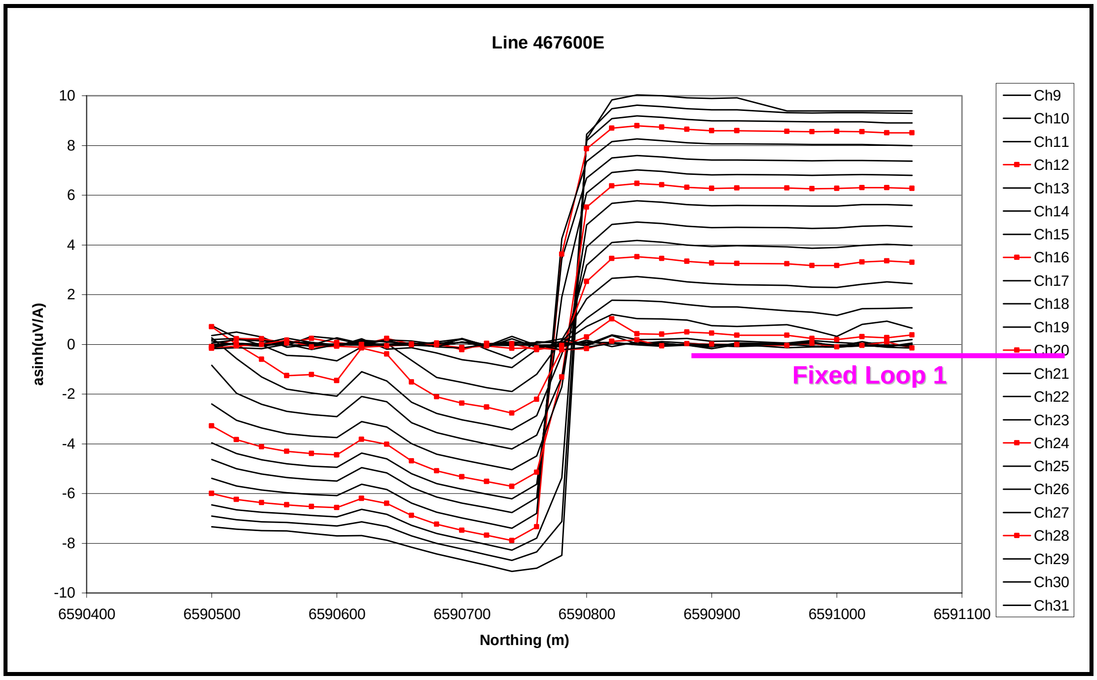


Figure 3: Z-Component fixed loop data from Line 467600E.

A plan showing the location of the fixed loop, the data traverses and crossover positions is shown below. Profiles of the Z-Component data are presented in Appendix B.

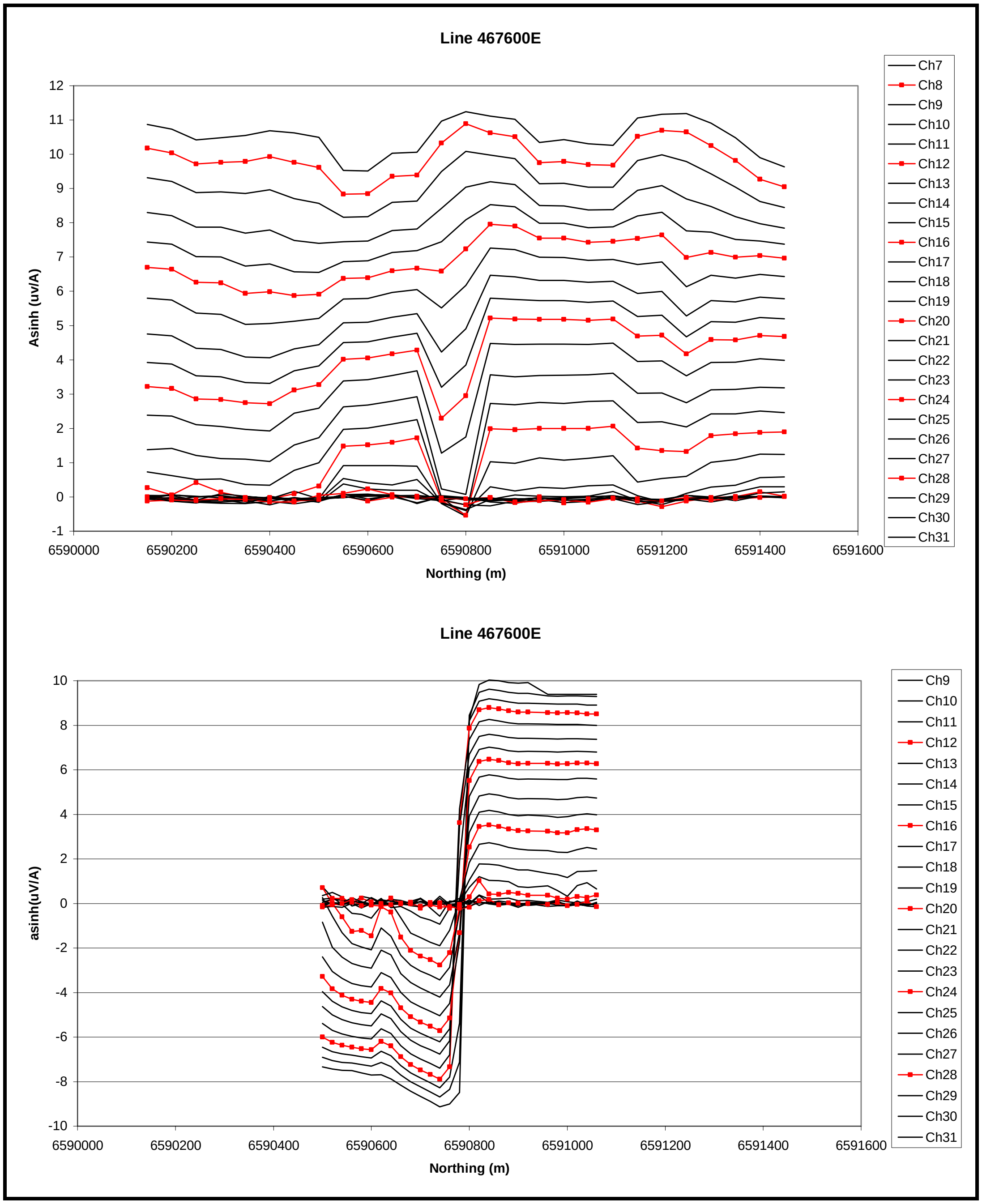


Figure 4: Comparison of Moving Loop and Fixed Loop Data from Line 467600E.

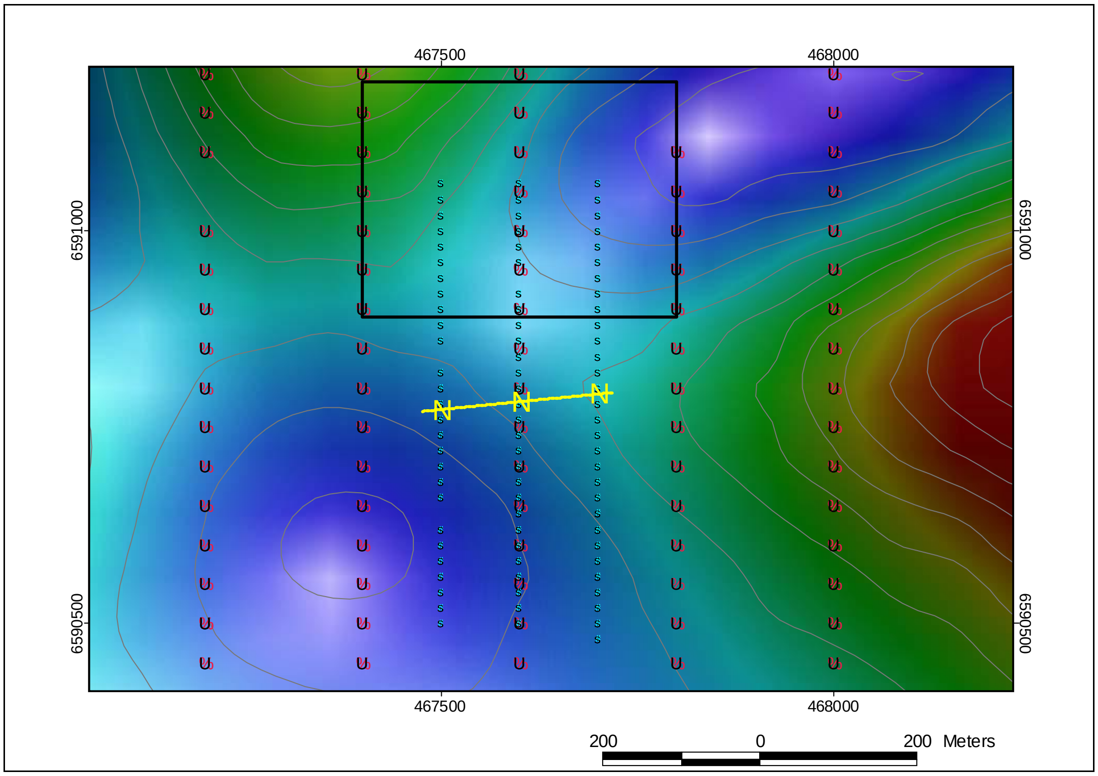
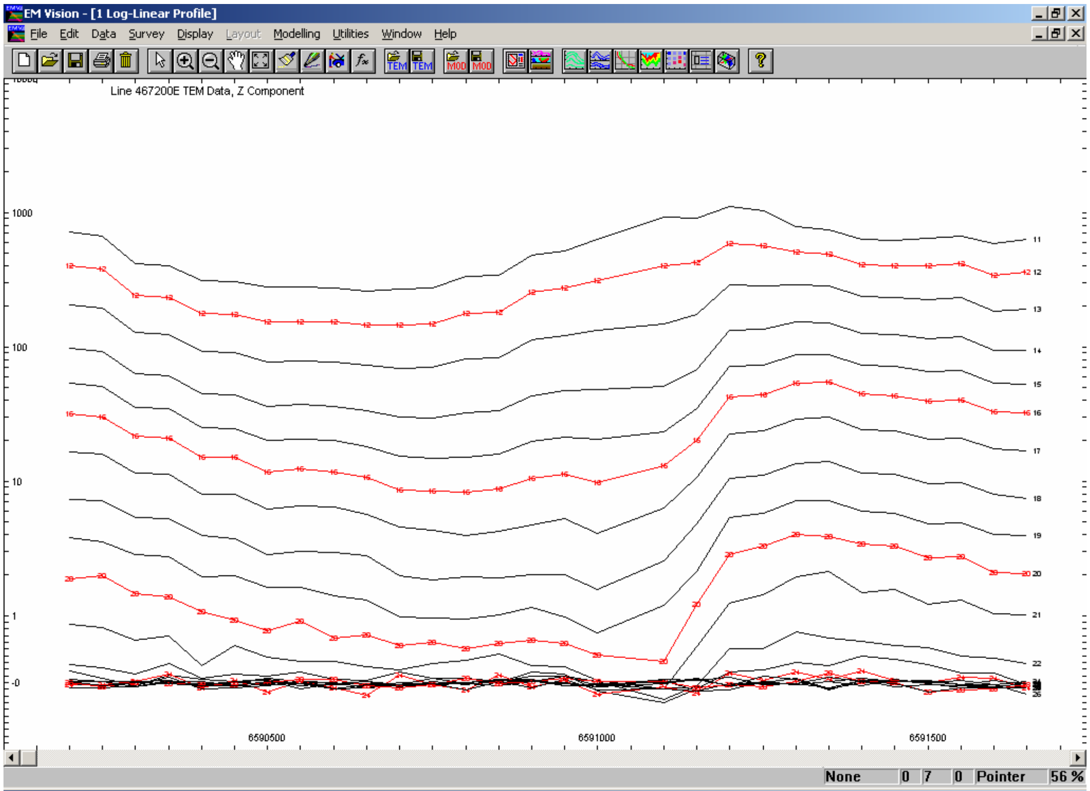
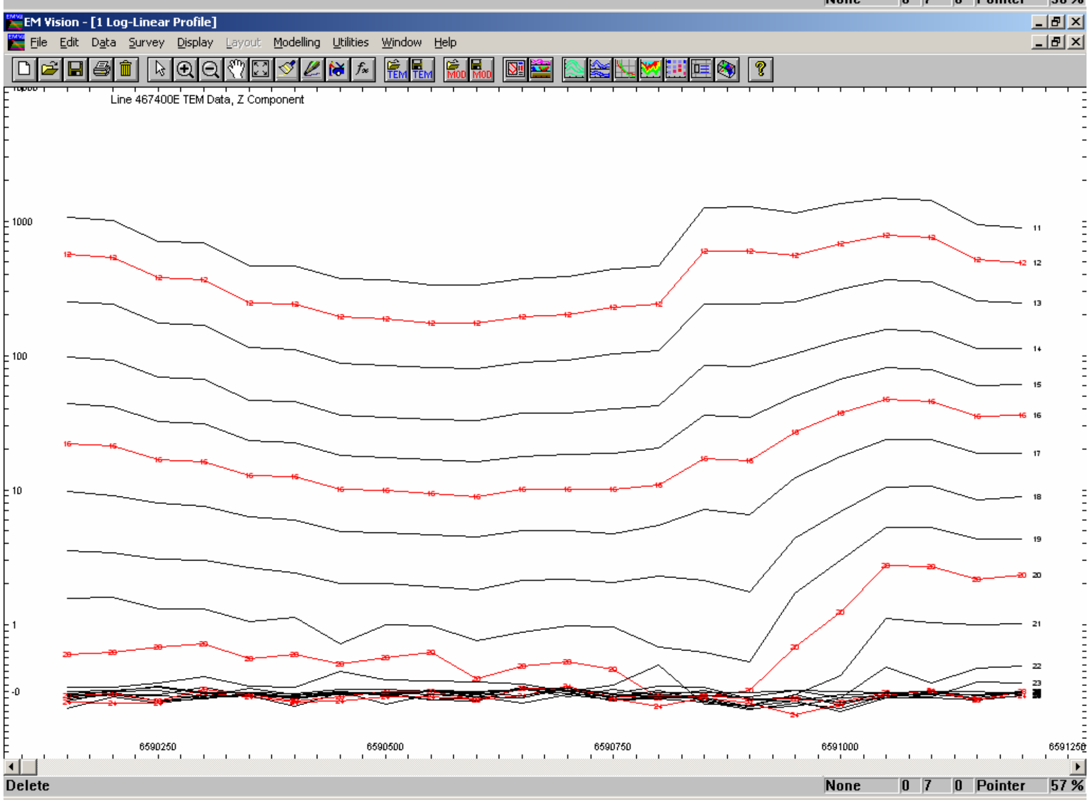


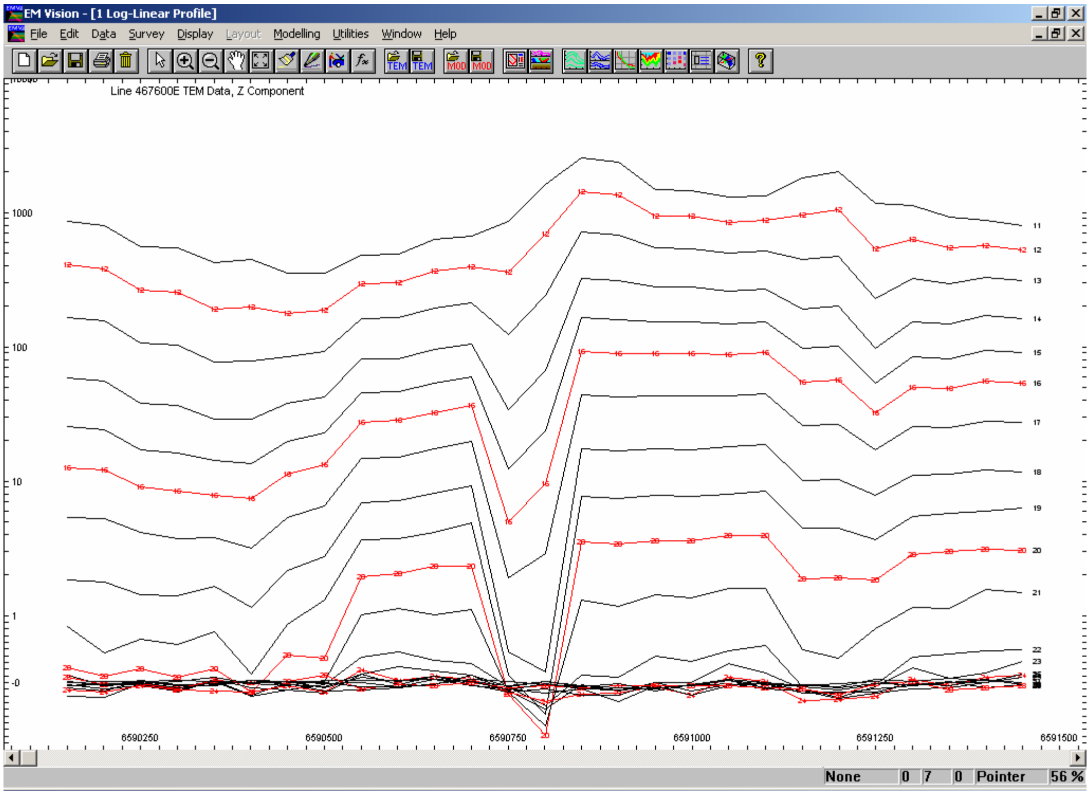
Figure 5: Location of Fixed Loop Survey stations (blue) and interpreted anomaly location (yellow). Image is 1VD RTP Aeromagnetics.

Appendix A

Moving Loop Data


EM Vision - [1 Log-Linear Profile]
File Edit Data Survey Display Layout Modelling Utilities Window Help
Line 467200E TEM Data, Z Component
1000
100
10
1
-0
6590500
6591000
6591500
None 0 7 0 Pointer 56 %


EM Vision - [1 Log-Linear Profile]
File Edit Data Survey Display Layout Modelling Utilities Window Help
Line 467400E TEM Data, Z Component
1000
100
10
1
-0
6590250
6590500
6590750
6591000
6591250
Delete
None 0 7 0 Pointer 57 %


EM Vision - [1 Log-Linear Profile]
File Edit Data Survey Display Layout Modelling Utilities Window Help
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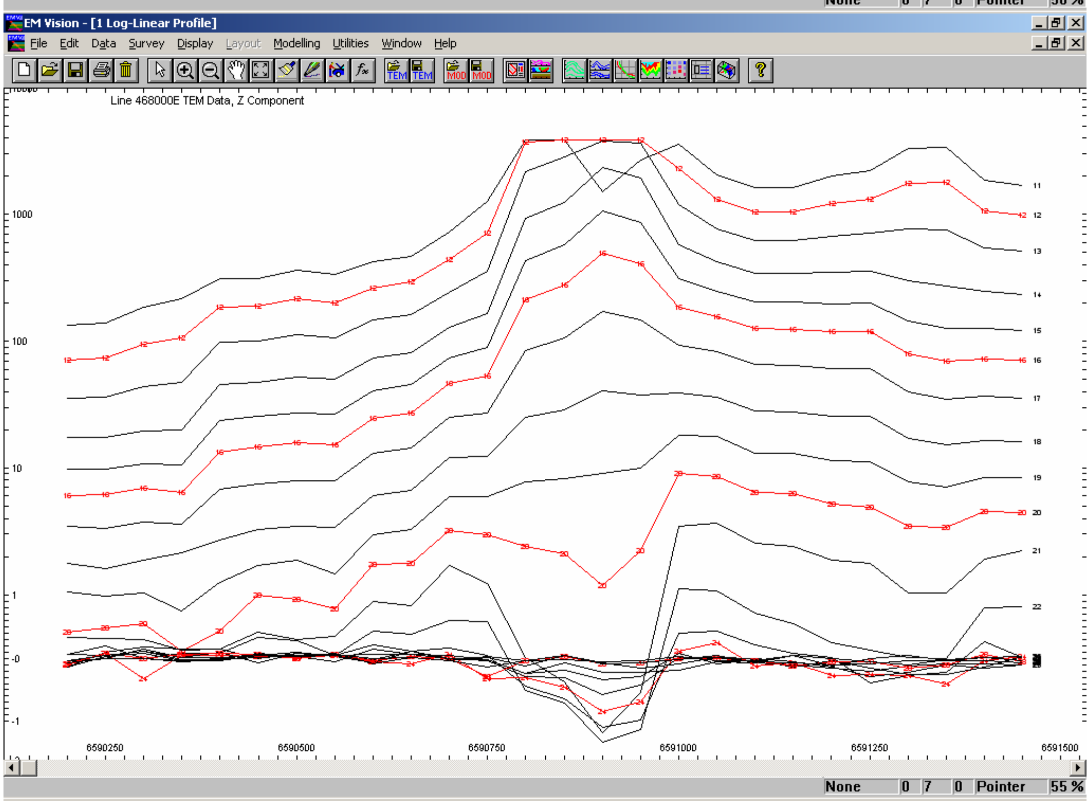
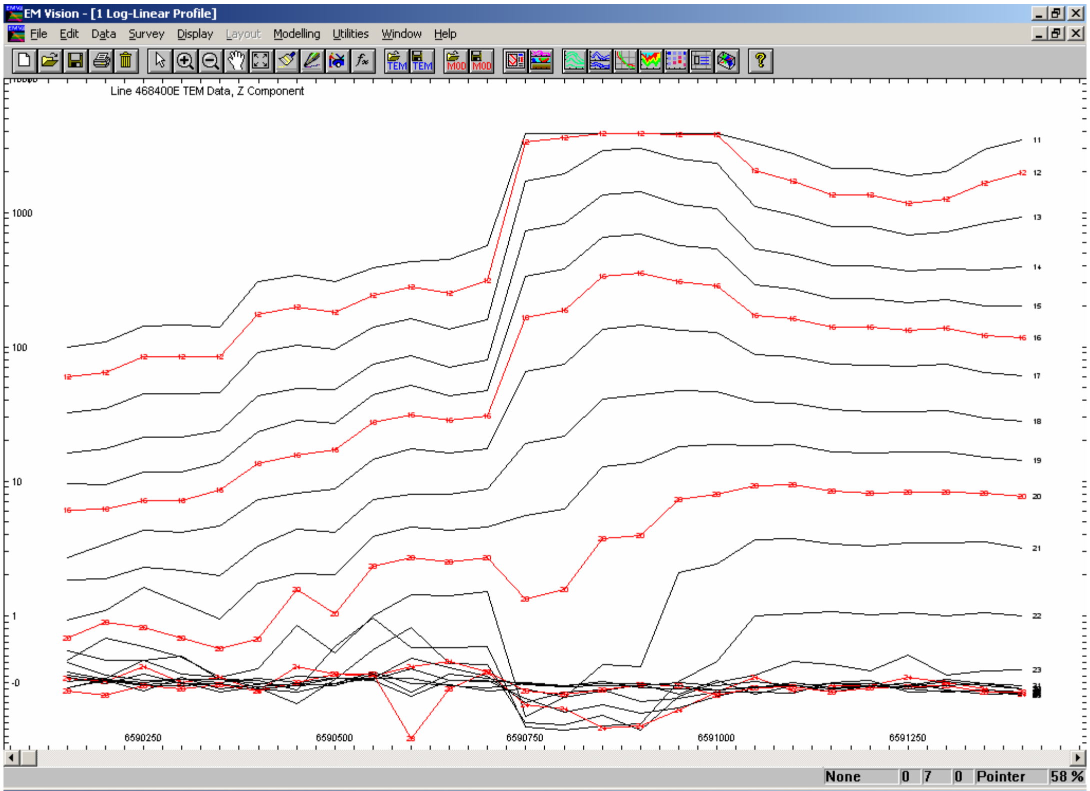
1000
100
10
1
6590250
6590500
6590750
6591000
6591250
6591500
None 0 7 0 Pointer 56 %


EM Vision - [1 Log-Linear Profile]
File Edit Data Survey Display Layout Modelling Utilities Window Help
Line 468000E TEM Data, Z Component
1000
100
10
1
6590250
6590500
6590750
6591000
6591250
6591500
None 0 7 0 Pointer 55 %


EM Vision - [1 Log-Linear Profile]
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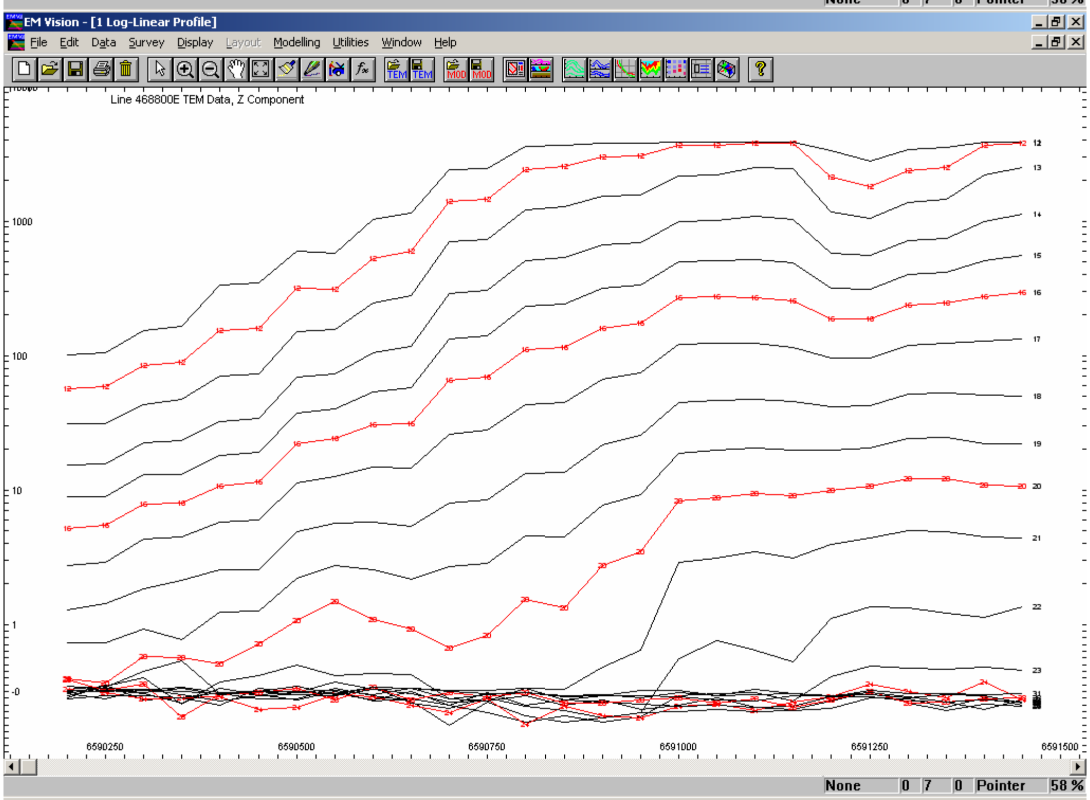
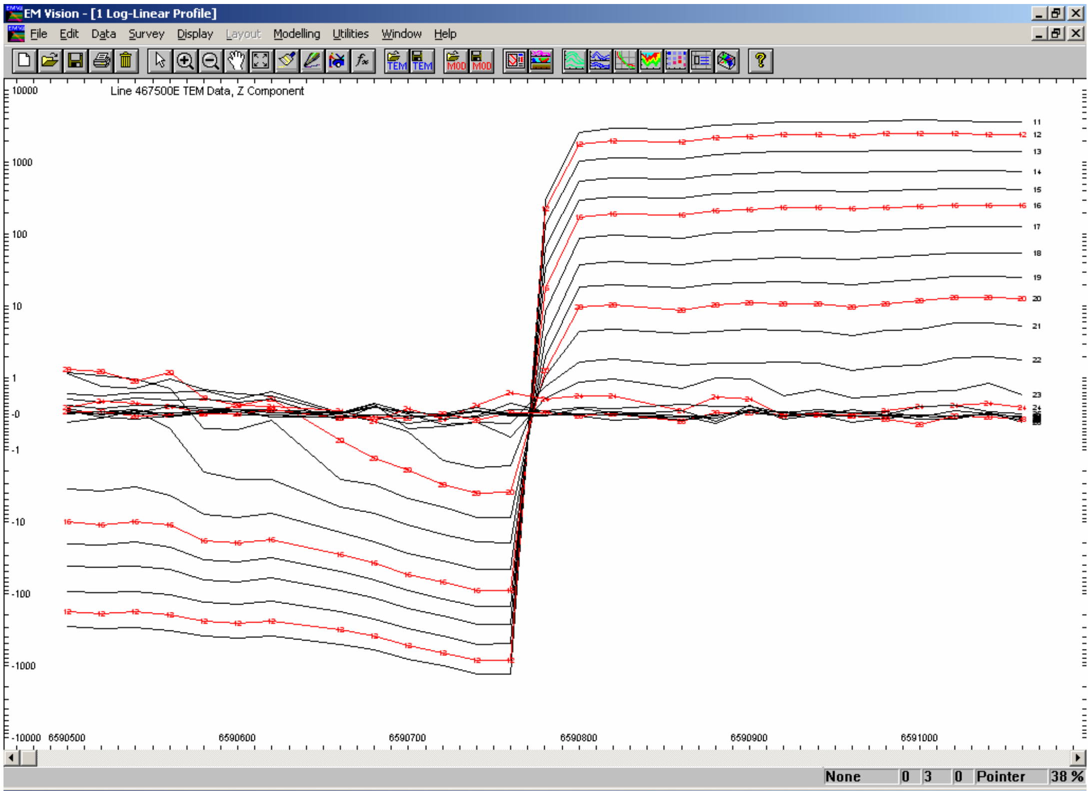
100
10
1
-0
6590250
6590500
6590750
6591000
6591250
None 0 7 0 Pointer 58 %

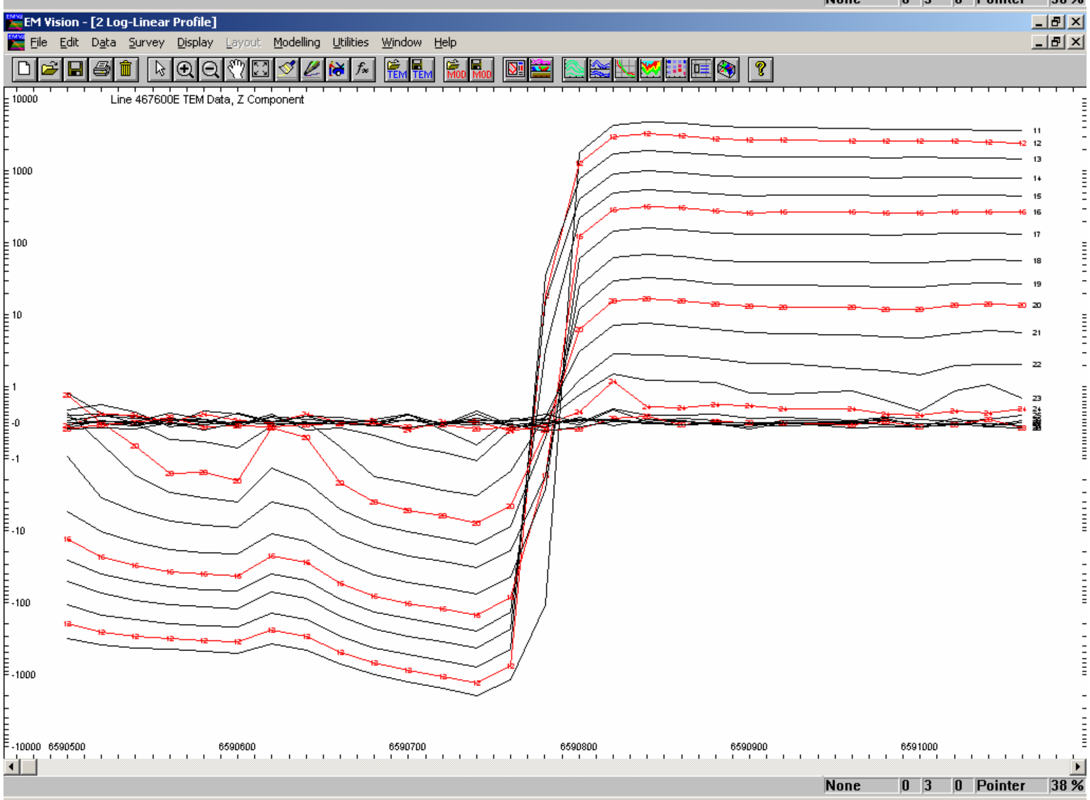

EM Vision - [1 Log-Linear Profile]
File Edit Data Survey Display Layout Modelling Utilities Window Help
Line 468800E TEM Data, Z Component
1000
100
10
1
-0
6590250
6590500
6590750
6591000
6591250
6591500
None 0 7 0 Pointer 58 %

Appendix B

Fixed Loop Data



EM Vision - [1 Log-Linear Profile]
File Edit Data Survey Display Layout Modelling Utilities Window Help
Line 467500E TEM Data, Z Component
10000
1000
100
10
1
-0
-1
-10
-100
-1000
-10000
6590500
6590600
6590700
6590800
6590900
6591000
None 0 3 0 Pointer 38 %



EM Vision - [2 Log-Linear Profile]
File Edit Data Survey Display Layout Modelling Utilities Window Help
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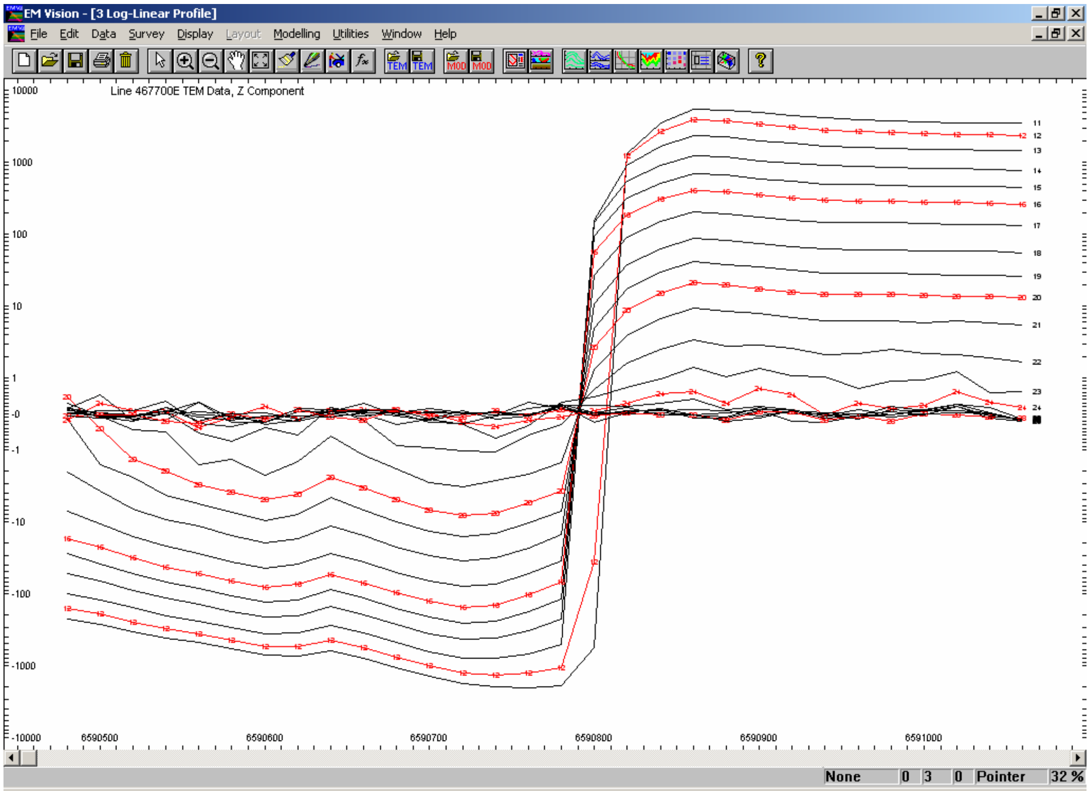
1000
100
10
1
-0
-1
-10
-100
-1000
-10000
6590500
6590600
6590700
6590800
6590900
6591000
None 0 3 0 Pointer 38 %


EM Vision - [3 Log-Linear Profile]
File Edit Data Survey Display Layout Modelling Utilities Window Help
Line 467700E TEM Data, Z Component
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1000
100
10
1
-0
-1
-10
-100
-1000
-10000
6590500
6590600
6590700
6590800
6590900
6591000
None 0 3 0 Pointer 32 %

Appendix 7

Ground EM Data (digital)

LOOP	EAST	NORTH	LSIDE	CUR	RMP	G	F	C	NCH	VPRI	Ch1	Ch2	Ch3	Ch4	Ch5	Ch6	Ch7	Ch8	Ch9	Ch10	Ch11
1	467600	6590500	400	9	0.28	2	C3	Z	31	0	-1.88E+02	-3.33E+02	-5.12E+02	-7.01E+02	-9.29E+02	-1.09E+03	-1.10E+03	-9.93E+02	-7.70E+02	-5.01E+02	-3.16E+02
1	467600	6590500	400	9	0.28	2	C3	X	31	0	-9.95E+01	-1.28E+02	-1.93E+02	-2.52E+02	-2.86E+02	-2.64E+02	-1.88E+02	-8.37E+01	2.97E+01	9.44E+01	1.05E+02
1	467600	6590500	400	9	0.28	2	C3	Y	31	0	7.60E+02	3.56E+06	7.94E+02	6.97E+02	2.95E+02	6.42E+01	-6.53E+01	-1.41E+02	-1.82E+02	-1.81E+02	-1.54E+02
1	467600	6590520	400	9	0.28	2	C3	Z	31	0	-1.73E+02	-3.40E+02	-5.27E+02	-7.32E+02	-9.79E+02	-1.15E+03	-1.16E+03	-1.07E+03	-8.53E+02	-5.82E+02	-3.86E+02
1	467600	6590520	400	9	0.28	2	C3	X	31	0	-2.79E+02	-3.17E+02	-3.93E+02	-4.61E+02	-4.42E+02	-3.86E+02	-2.59E+02	-1.26E+02	2.91E+01	1.25E+02	1.41E+02
1	467600	6590520	400	9	0.28	2	C3	Y	31	0	9.66E+02	3.95E+05	9.47E+02	2.99E+05	2.67E+02	-4.10E+01	-1.76E+02	-2.27E+02	-2.39E+02	-1.97E+02	-1.46E+02
1	467600	6590540	400	9	0.28	2	C3	Z	31	0	-2.78E+02	-4.83E+02	-6.99E+02	-9.05E+02	-1.12E+03	-1.24E+03	-1.21E+03	-1.11E+03	-8.95E+02	-6.26E+02	-4.27E+02
1	467600	6590540	400	9	0.28	2	C3	X	31	0	-3.45E+02	-4.20E+02	-4.86E+02	-5.23E+02	-4.93E+02	-4.30E+02	-2.79E+02	-1.19E+02	6.12E+01	1.65E+02	1.72E+02
1	467600	6590540	400	9	0.28	2	C3	Y	31	0	1.25E+03	9.07E+04	1.18E+03	9.88E+02	3.10E+02	-9.16E+01	-2.70E+02	-3.36E+02	-3.39E+02	-2.76E+02	-2.02E+02
1	467600	6590560	400	9	0.28	2	C3	Z	31	0	-5.19E+02	-7.96E+02	-1.05E+03	-1.27E+03	-1.40E+03	-1.40E+03	-1.29E+03	-1.15E+03	-9.16E+02	-6.47E+02	-4.52E+02
1	467600	6590560	400	9	0.28	2	C3	X	31	0	-4.79E+02	-5.41E+02	-5.80E+02	-6.19E+02	-5.59E+02	-4.73E+02	-2.94E+02	-8.69E+01	1.14E+02	2.23E+02	2.27E+02
1	467600	6590560	400	9	0.28	2	C3	Y	31	0	1.56E+03	-4.24E+06	1.45E+03	1.23E+03	3.86E+02	-8.97E+01	-3.02E+02	-4.05E+02	-4.19E+02	-3.58E+02	-2.69E+02
1	467600	6590580	400	9	0.28	2	C3	Z	31	0	-6.87E+02	-1.03E+03	-1.34E+03	-1.59E+03	-1.71E+03	-1.64E+03	-1.49E+03	-1.29E+03	-1.00E+03	-6.97E+02	-4.84E+02
1	467600	6590580	400	9	0.28	2	C3	X	31	0	-3.62E+02	-4.55E+02	-5.25E+02	-5.73E+02	-5.44E+02	-4.49E+02	-2.63E+02	-6.05E+01	1.36E+02	2.38E+02	2.23E+02
1	467600	6590580	400	9	0.28	2	C3	Y	31	0	2.00E+03	-1.88E+06	1.90E+03	1.63E+03	5.87E+02	1.04E+01	-2.74E+02	-4.29E+02	-5.01E+02	-4.60E+02	-3.70E+02
1	467600	6590600	400	9	0.28	2	C3	Z	31	0	-9.88E+02	-1.41E+03	-1.77E+03	-2.06E+03	-2.14E+03	-1.99E+03	-1.75E+03	-1.48E+03	-1.11E+03	-7.47E+02	-5.13E+02
1	467600	6590600	400	9	0.28	2	C3	X	31	0	-3.77E+02	-4.83E+02	-5.47E+02	-5.90E+02	-5.58E+02	-4.20E+02	-2.14E+02	-1.19E+00	1.80E+02	2.79E+02	2.52E+02
1	467600	6590600	400	9	0.28	2	C3	Y	31	0	2.60E+03	-3.11E+06	2.56E+03	2.32E+03	9.46E+02	1.70E+02	-2.32E+02	-4.90E+02	-6.43E+02	-6.22E+02	-5.38E+02
1	467600	6590620	400	9	0.28	2	C3	Z	31	0	-1.95E+03	-2.50E+03	-2.95E+03	-3.28E+03	-3.06E+03	-2.62E+03	-2.13E+03	-1.65E+03	-1.09E+03	-6.30E+02	-3.83E+02
1	467600	6590620	400	9	0.28	2	C3	X	31	0	-4.26E+02	-5.20E+02	-5.79E+02	-5.96E+02	-5.28E+02	-3.66E+02	-1.13E+02	9.00E+01	2.22E+02	2.61E+02	2.30E+02
1	467600	6590620	400	9	0.28	2	C3	Y	31	0	3.00E+03	-3.50E+06	2.86E+03	2.63E+03	1.00E+03	9.81E+01	-3.57E+02	-6.42E+02	-7.95E+02	-7.51E+02	-6.70E+02
1	467600	6590640	400	9	0.28	2	C3	Z	31	0	-2.25E+03	-2.86E+03	-3.35E+03	-3.75E+03	-3.52E+03	-3.08E+03	-2.55E+03	-1.98E+03	-1.32E+03	-7.63E+02	-4.67E+02
1	467600	6590640	400	9	0.28	2	C3	X	31	0	-5.70E+02	-6.35E+02	-6.94E+02	-7.09E+02	-5.59E+02	-3.30E+02	-3.29E+01	1.51E+02	2.64E+02	2.70E+02	2.22E+02
1	467600	6590640	400	9	0.28	2	C3	Y	31	0	2.67E+03	4.02E+06	2.37E+03	1.90E+03	2.18E+02	-3.96E+02	-5.53E+02	-6.29E+02	-6.04E+02	-5.07E+02	-4.17E+02
1	467600	6590660	400	9	0.28	2	C3	Z	31	0	-1.90E+03	-2.52E+03	-3.11E+03	-3.62E+03	-3.68E+03	-3.48E+03	-3.03E+03	-2.47E+03	-1.76E+03	-1.11E+03	-7.24E+02
1	467600	6590660	400	9	0.28	2	C3	X	31	0	-5.01E+02	-6.14E+02	-6.60E+02	-6.67E+02	-5.39E+02	-2.71E+02	1.64E+01	1.80E+02	2.63E+02	2.49E+02	1.91E+02
1	467600	6590660	400	9	0.28	2	C3	Y	31	0	3.00E+03	-3.69E+06	2.63E+03	2.20E+03	2.25E+02	-5.51E+02	-7.35E+02	-7.84E+02	-7.29E+02	-5.88E+02	-4.51E+02
1	467600	6590680	400	9	0.28	2	C3	Z	31	0	-1.53E+03	-2.25E+03	-2.99E+03	-3.68E+03	-4.14E+03	-4.16E+03	-3.74E+03	-3.14E+03	-2.31E+03	-1.51E+03	-1.01E+03
1	467600	6590680	400	9	0.28	2	C3	X	31	0	-4.72E+02	-5.74E+02	-6.33E+02	-6.50E+02	-5.33E+02	-2.12E+02	1.27E+02	2.92E+02	3.20E+02	2.85E+02	2.07E+02
1	467600	6590680	400	9	0.28	2	C3	Y	31	0	3.70E+03	9.28E+05	3.22E+03	2.79E+03	3.32E+02	-7.86E+02	-1.07E+03	-1.13E+03	-1.03E+03	-8.13E+02	-6.18E+02
1	467600	6590700	400	9	0.28	2	C3	Z	31	0	-1.63E+03	-2.39E+03	-3.25E+03	-4.10E+03	-4.76E+03	-5.01E+03	-4.60E+03	-3.89E+03	-2.88E+03	-1.89E+03	-1.27E+03
1	467600	6590700	400	9	0.28	2	C3	X	31	0	-3.48E+02	-5.50E+02	-6.63E+02	-7.15E+02	-6.64E+02	-3.03E+02	1.07E+02	3.00E+02	3.49E+02	2.81E+02	1.94E+02
1	467600	6590700	400	9	0.28	2	C3	Y	31	0	4.90E+03	-2.28E+05	4.27E+03	3.67E+03	6.28E+02	-1.11E+03	-1.59E+03	-1.69E+03	-1.57E+03	-1.24E+03	-9.26E+02
1	467600	6590720	400	9	0.28	2	C3	Z	31	0	-2.08E+03	-2.92E+03	-3.95E+03	-5.01E+03	-5.53E+03	-5.79E+03	-5.56E+03	-4.96E+03	-3.65E+03	-2.37E+03	-1.58E+03
1	467600	6590720	400	9	0.28	2	C3	X	31	0	-2.75E+02	-5.66E+02	-6.86E+02	-7.29E+02	-6.46E+02	-7.67E+00	4.65E+02	5.64E+02	5.34E+02	4.18E+02	2.89E+02
1	467600	6590720	400	9	0.28	2	C3	Y	31	0	5.93E+03	5.96E+03	5.89E+03	5.07E+03	1.31E+03	-1.65E+03	-2.49E+03	-2.61E+03	-2.48E+03	-1.98E+03	-1.45E+03
1	467600	6590740	400	9	0.28	2	C3	Z	31	0	-2.60E+03	-3.60E+03	-4.86E+03	-5.74E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.81E+03	-4.64E+03	-2.98E+03	-1.96E+03
1	467600	6590740	400	9	0.28	2	C3	X	31	0	-1.32E+03	-1.68E+03	-1.84E+03	-1.83E+03	-1.30E+03	-3.35E+02	4.97E+02	6.84E+02	6.54E+02	5.04E+02	3.53E+02
1	467600	6590740	400	9	0.28	2	C3	Y	31	0	3.42E+03	3.01E+03	3.03E+03	4.58E+03	2.71E+03	-2.21E+03	-3.47E+03	-3.74E+03	-3.53E+03	-2.98E+03	-2.47E+03
1	467600	6590760	400	9	0.28	2	C3	Z	31	0	-5.96E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.84E+03	-4.05E+03	-2.10E+03	-1.21E+03
1	467600	6590760	400	9	0.28	2	C3	X	31	0	-6.13E+02	-1.21E+03	-1.53E+03	-1.63E+03	-1.39E+03	-9.71E+01	7.96E+02	9.54E+02	7.90E+02	5.13E+02	2.77E+02
1	467600	6590760	400	9	0.28	2	C3	Y	31	0	1.53E+03	-6.07E+00	1.95E+02	2.82E+03	4.10E+03	-2.88E+03	-5.16E+03	-5.64E+03	-5.16E+03	-4.15E+03	-3.28E+03

Ch12	Ch13	Ch14	Ch15	Ch16	Ch17	Ch18	Ch19	Ch20	Ch21	Ch22	Ch23	Ch24	Ch25	Ch26	Ch27	Ch28
-2.02E+02	-1.10E+02	-5.17E+01	-2.63E+01	-1.33E+01	-5.44E+00	-9.49E-01	2.65E-01	7.63E-01	8.21E-01	3.53E-01	1.96E-01	-9.63E-02	4.73E-02	1.40E-01	-6.35E-02	-1.68E-01
9.33E+01	6.77E+01	4.12E+01	2.53E+01	2.11E+01	9.68E+00	7.41E+00	3.15E+00	2.51E+00	4.85E-01	2.42E+00	-9.62E-01	-8.09E+00	-6.77E-01	1.54E-01	1.36E+00	-2.04E+00
-1.20E+02	-8.33E+01	-5.22E+01	-3.31E+01	-2.14E+01	-1.22E+01	-5.87E+00	-3.47E+00	-4.31E-01	-1.29E+00	-3.14E+00	-8.62E-01	1.57E+00	7.08E-02	8.55E-01	-1.18E+00	-1.02E+00
-2.57E+02	-1.49E+02	-7.50E+01	-4.07E+01	-2.33E+01	-1.05E+01	-3.51E+00	-6.01E-01	1.33E-02	2.73E-01	5.04E-01	2.38E-01	2.23E-01	1.90E-01	-2.63E-02	2.62E-02	-6.81E-02
1.22E+02	8.89E+01	5.53E+01	4.35E+01	2.40E+01	1.38E+01	7.15E+00	9.04E+00	1.46E+00	2.27E+00	6.13E+00	3.86E+00	-1.71E-01	6.98E-01	5.48E-01	-9.94E-01	1.05E+00
-1.10E+02	-7.30E+01	-3.67E+01	-2.61E+01	-1.53E+01	-9.67E+00	-3.65E+00	-2.68E+00	-2.45E+00	-9.01E-01	-7.60E-01	6.05E-01	2.07E+00	2.63E-01	-4.23E-01	3.68E-01	-2.80E-01
-2.94E+02	-1.76E+02	-9.28E+01	-5.19E+01	-3.06E+01	-1.45E+01	-5.55E+00	-1.72E+00	-6.47E-01	-3.19E-02	2.92E-01	1.89E-01	2.20E-01	1.30E-01	-7.47E-02	1.63E-02	-2.06E-03
1.58E+02	1.16E+02	6.99E+01	4.46E+01	2.68E+01	1.60E+01	9.30E+00	8.88E+00	4.74E+00	5.04E+00	-4.47E-01	8.34E-02	1.44E+00	7.53E-01	2.65E+00	-1.23E-01	-9.36E-01
-1.44E+02	-9.38E+01	-5.25E+01	-3.15E+01	-2.18E+01	-8.08E+00	-4.68E+00	-9.37E-01	-4.56E-01	-1.18E+00	2.15E-01	6.01E-01	6.74E-01	2.58E+00	-7.34E-01	8.40E-01	1.03E+00
-3.19E+02	-1.97E+02	-1.07E+02	-6.14E+01	-3.71E+01	-1.82E+01	-7.35E+00	-2.95E+00	-1.61E+00	-4.68E-01	-1.25E-01	-4.77E-02	4.35E-02	1.01E-01	6.24E-02	2.52E-01	1.57E-01
1.94E+02	1.37E+02	8.75E+01	5.65E+01	3.54E+01	2.08E+01	1.02E+01	3.19E+00	1.21E-01	-2.88E-01	3.32E-01	2.21E-01	-5.18E-01	9.63E-01	-7.65E-01	4.13E+00	2.01E-01
-2.03E+02	-1.28E+02	-7.85E+01	-4.58E+01	-2.75E+01	-1.54E+01	-7.89E+00	-2.37E+00	-2.29E+00	4.60E-01	6.58E-01	-6.84E-01	-6.21E-01	-4.73E-01	5.25E-01	-7.04E-01	5.42E-01
-3.42E+02	-2.12E+02	-1.16E+02	-6.69E+01	-4.02E+01	-2.02E+01	-8.36E+00	-3.48E+00	-1.55E+00	-5.16E-01	-1.42E-02	3.33E-01	2.43E-01	-1.46E-02	8.11E-02	7.57E-02	-1.11E-01
1.94E+02	1.44E+02	8.63E+01	5.55E+01	3.45E+01	2.34E+01	9.13E+00	6.12E+00	4.31E+00	-5.33E-01	-6.79E-01	-3.55E+00	2.94E+00	-1.80E+00	-1.47E+00	-1.05E+00	-1.24E+00
-2.86E+02	-1.90E+02	-1.13E+02	-6.81E+01	-4.29E+01	-2.39E+01	-1.07E+01	-6.86E+00	-2.42E+00	1.88E+00	1.32E-01	7.52E-03	-6.33E-01	3.86E-01	1.45E+00	1.40E-01	3.02E-01
-3.58E+02	-2.21E+02	-1.22E+02	-7.03E+01	-4.26E+01	-2.14E+01	-9.13E+00	-3.99E+00	-2.03E+00	-7.11E-01	-7.22E-02	2.27E-01	6.44E-02	2.70E-01	-2.05E-02	-1.04E-01	-7.69E-02
1.99E+02	1.38E+02	8.08E+01	4.99E+01	3.51E+01	1.51E+01	4.79E+00	4.69E+00	2.09E+00	5.11E+00	4.29E+00	-1.13E-01	1.57E+00	9.14E-01	2.90E+00	-6.85E-01	-3.58E-01
-4.00E+02	-2.73E+02	-1.62E+02	-9.98E+01	-6.67E+01	-3.33E+01	-1.62E+01	-8.58E+00	-3.36E+00	-4.12E+00	-2.16E+00	-5.92E-01	-9.19E-01	-6.53E-01	-1.12E+00	2.12E-01	7.69E-01
-2.46E+02	-1.40E+02	-7.16E+01	-3.99E+01	-2.29E+01	-1.11E+01	-4.03E+00	-1.35E+00	-1.50E-01	-1.02E-01	2.29E-01	-1.17E-03	-8.68E-03	3.42E-02	1.33E-01	1.66E-01	-1.18E-01
1.84E+02	1.27E+02	6.89E+01	4.75E+01	2.70E+01	1.57E+01	4.68E+00	3.45E+00	-2.10E+00	9.14E-01	-1.19E+00	-4.98E+00	1.83E-02	6.56E+00	-9.63E-01	2.57E+00	2.85E+00
-4.87E+02	-3.28E+02	-1.95E+02	-1.20E+02	-7.53E+01	-4.42E+01	-1.82E+01	-8.03E+00	-4.19E+00	-1.76E+00	-2.32E+00	-2.47E-01	1.12E-01	-1.20E+00	1.87E-01	-1.31E+00	-1.75E+00
-3.00E+02	-1.72E+02	-8.79E+01	-4.99E+01	-2.80E+01	-1.40E+01	-5.02E+00	-2.08E+00	-4.06E-01	3.24E-02	-1.93E-01	1.68E-01	2.37E-01	1.83E-01	-6.95E-02	9.69E-02	-6.97E-02
1.67E+02	1.05E+02	4.70E+01	1.80E+01	2.16E+01	1.62E+01	7.80E+00	4.56E+00	2.69E+00	-1.38E+00	1.22E+00	1.42E+00	4.44E-01	1.05E+00	-2.00E+00	-2.53E+00	1.15E+00
-3.02E+02	-2.00E+02	-1.14E+02	-6.18E+01	-4.41E+01	-2.49E+01	-1.47E+01	-7.17E+00	-4.11E+00	-1.47E+00	-8.10E-01	-4.60E-02	-1.18E+00	-6.66E-01	5.21E-01	-1.23E-01	-6.37E-01
-4.91E+02	-2.95E+02	-1.58E+02	-9.10E+01	-5.43E+01	-2.71E+01	-1.16E+01	-5.09E+00	-2.18E+00	-6.88E-01	-1.42E-01	-6.66E-02	8.05E-03	1.39E-01	6.10E-02	2.35E-02	-1.99E-02
1.39E+02	8.88E+01	4.76E+01	3.59E+01	2.02E+01	1.04E+01	2.72E+00	1.48E+00	8.64E-01	1.15E+00	1.83E+00	-8.30E-01	-8.51E-02	-8.23E-01	4.07E-02	7.90E-01	4.77E+00
-3.37E+02	-2.21E+02	-1.30E+02	-8.03E+01	-5.30E+01	-2.61E+01	-1.10E+01	-5.38E+00	-4.06E+00	-2.94E+00	-2.12E+00	-8.98E-01	-5.64E-01	6.66E-02	5.15E-01	-3.35E-01	-1.98E+00
-7.01E+02	-4.29E+02	-2.34E+02	-1.35E+02	-8.12E+01	-4.17E+01	-1.75E+01	-8.10E+00	-4.08E+00	-1.77E+00	-3.56E-01	8.79E-02	4.43E-02	6.71E-03	-9.58E-02	-9.23E-02	-2.19E-02
1.40E+02	8.71E+01	4.70E+01	2.40E+01	1.40E+01	8.25E+00	4.47E+00	-2.79E+00	1.58E+00	-3.73E-02	3.82E-01	1.66E-01	1.98E-01	-1.47E-01	-5.38E+00	-3.38E+00	-9.26E-01
-4.56E+02	-2.98E+02	-1.71E+02	-1.02E+02	-6.16E+01	-3.39E+01	-1.60E+01	-6.96E+00	-4.80E+00	-6.03E-01	-5.58E-01	-8.57E-01	1.56E-01	-3.69E-01	7.65E-01	-4.69E-01	-6.32E-01
-8.82E+02	-5.40E+02	-2.94E+02	-1.70E+02	-1.03E+02	-5.25E+01	-2.23E+01	-1.04E+01	-5.30E+00	-2.19E+00	-6.61E-01	2.25E-01	-2.19E-01	2.04E-01	9.72E-02	2.36E-01	-1.32E-01
1.28E+02	7.48E+01	3.06E+01	1.62E+01	9.57E+00	1.26E+01	5.43E+00	3.97E+00	3.85E-01	-2.73E-01	1.62E+00	1.03E+00	2.27E+00	1.91E+00	-1.23E+00	-2.10E+00	1.73E+00
-6.89E+02	-4.43E+02	-2.49E+02	-1.47E+02	-9.21E+01	-4.69E+01	-2.10E+01	-1.10E+01	-6.77E+00	-1.62E+00	-1.62E+00	-2.67E+00	-8.87E-01	-8.03E-01	1.07E+00	3.18E+00	1.14E-01
-1.08E+03	-6.60E+02	-3.57E+02	-2.06E+02	-1.24E+02	-6.36E+01	-2.73E+01	-1.26E+01	-6.19E+00	-2.76E+00	-8.13E-01	-2.01E-01	3.16E-02	-2.91E-02	-9.49E-03	-5.93E-02	-7.07E-02
1.87E+02	1.02E+02	6.72E+01	3.80E+01	1.94E+01	8.87E+00	5.16E+00	1.31E+00	1.73E+00	5.41E+00	2.71E+00	4.67E+00	3.92E-01	3.38E-01	1.16E-01	-4.53E-01	3.88E+00
-1.06E+03	-6.68E+02	-3.84E+02	-2.25E+02	-1.37E+02	-6.98E+01	-3.04E+01	-1.56E+01	-7.92E+00	-5.59E+00	-3.41E+00	-5.54E+00	4.61E-01	1.61E+00	-4.90E-01	2.22E-01	-1.99E-01
-1.34E+03	-8.09E+02	-4.36E+02	-2.51E+02	-1.51E+02	-7.77E+01	-3.35E+01	-1.55E+01	-7.91E+00	-3.28E+00	-1.08E+00	-6.15E-01	1.97E-02	-5.66E-02	4.95E-02	3.22E-01	-1.71E-01
2.18E+02	1.11E+02	4.57E+01	2.28E+01	1.31E+01	5.24E+00	-6.61E-01	1.51E+00	-4.74E+00	3.25E+00	2.51E-01	6.88E-01	6.98E-01	5.23E-01	-4.09E-01	-6.27E-01	-1.90E+00
-1.83E+03	-1.15E+03	-6.31E+02	-3.66E+02	-2.22E+02	-1.13E+02	-4.98E+01	-2.39E+01	-1.54E+01	-6.01E+00	-1.93E+00	-1.23E+00	-2.75E+00	-9.23E-01	1.05E+00	-1.34E-01	1.26E+00
-7.68E+02	-4.46E+02	-2.39E+02	-1.39E+02	-8.56E+01	-4.45E+01	-1.92E+01	-8.75E+00	-4.55E+00	-1.52E+00	-2.14E-01	1.09E-01	-2.27E-01	3.48E-02	5.88E-02	-4.45E-02	-1.47E-01
1.17E+02	2.58E+01	-1.46E+01	-1.27E+01	-1.07E+01	9.97E-01	1.47E+00	2.22E+00	-9.02E-01	9.86E-01	-8.74E-01	-7.39E+00	-8.73E+00	-5.00E-01	-1.28E+00	-6.56E+00	-1.49E-01
-2.67E+03	-1.80E+03	-9.73E+02	-5.56E+02	-3.35E+02	-1.73E+02	-7.50E+01	-3.34E+01	-1.91E+01	-8.44E+00	-3.90E+00	-9.03E-01	2.45E-01	-4.79E-01	-3.60E-01	2.55E+00	2.83E-01

Ch29	Ch30	Ch31	Ch32	Ch33	Ch34	Ch35	Ch36	Ch37	Ch38	Ch39	Ch40	Ch41	Ch42	Ch43	Ch44	Ch45	Ch46	Ch47	Ch48	Ch49	Ch50
-8.06E-03	-1.75E-01	-1.37E-01																			
7.93E-02	-2.73E-01	7.77E-01																			
3.25E-01	-4.16E-01	-5.99E-01																			
3.41E-02	-1.40E-01	5.47E-02																			
-9.29E-01	-8.14E-03	3.09E+00																			
1.12E+00	-4.47E-01	-8.97E-01																			
-7.05E-03	-1.84E-01	-6.57E-02																			
2.50E+00	-7.24E-01	-8.98E-01																			
-3.58E-01	3.44E-01	2.74E-02																			
-2.46E-02	6.67E-03	1.20E-01																			
-1.59E-01	7.24E-01	9.34E-01																			
5.50E-03	6.35E-01	8.79E-01																			
-6.01E-02	-2.03E-01	2.47E-02																			
-1.41E+00	1.21E+00	1.31E+00																			
1.30E+00	-8.83E-01	-3.17E-01																			
1.81E-02	-1.35E-02	-1.14E-02																			
-1.26E+00	4.88E-01	1.85E+00																			
9.26E-01	-1.07E-01	8.78E-03																			
3.31E-02	-1.71E-02	-3.35E-02																			
2.42E+00	2.63E+00	-8.68E-01																			
-3.74E-01	-1.62E+00	6.63E-01																			
1.07E-02	-3.57E-02	-3.20E-02																			
8.74E-02	-7.06E-01	-2.22E+00																			
2.94E-01	-2.88E-01	1.25E+00																			
3.38E-02	5.97E-02	-2.89E-02																			
9.51E-01	-5.56E-02	4.71E-01																			
-5.35E-01	3.82E-01	-4.77E-02																			
4.34E-02	-1.02E-01	-7.38E-02																			
-2.34E+00	-3.08E+00	4.96E-02																			
1.35E-01	1.39E+00	-3.39E-01																			
6.09E-02	-1.48E-01	9.42E-02																			
7.56E-01	-5.94E-01	-2.96E-02																			
8.56E-02	3.39E-01	3.83E-01																			
-5.50E-04	2.04E-03	-9.98E-02																			
-1.07E+00	8.08E-01	8.72E-01																			
5.10E-01	1.33E+00	2.74E-02																			
3.59E-03	1.10E-01	2.23E-01																			
-1.35E+00	6.96E-01	-1.97E+00																			
7.29E-01	-8.71E-01	1.38E+00																			
-5.83E-02	-3.46E-02	-1.27E-01																			
-1.72E+00	-9.97E-01	1.36E+00																			
-4.16E-01	2.68E-01	-1.04E+00																			

LOOP	EAST	NORTH	LSIDE	CUR	RMP	G	F	C	NCH	VPRI	Ch1	Ch2	Ch3	Ch4	Ch5	Ch6	Ch7	Ch8	Ch9	Ch10	Ch11
1	467600	6590780	400	9	0.28	2	C3	Z	31	0	-5.96E+03	-5.96E+03	-4.21E+03	5.12E+00	-1.10E+03	-5.96E+03	-5.96E+03	-5.46E+03	-2.45E+03	-6.17E+02	-1.07E+02
1	467600	6590780	400	9	0.28	2	C3	X	31	0	-2.07E+03	-3.01E+03	-3.32E+03	-3.16E+03	-2.01E+03	4.56E+02	1.54E+03	1.64E+03	1.26E+03	7.71E+02	4.85E+02
1	467600	6590780	400	9	0.28	2	C3	Y	31	0	-4.99E+00	1.92E-01	2.64E-01	4.08E+02	2.70E+03	-5.29E+03	-5.96E+03	-5.96E+03	-5.91E+03	-4.83E+03	-3.69E+03
1	467600	6590800	400	9	0.28	2	C3	Z	31	0	-2.55E+03	1.19E+01	9.43E-01	6.66E-01	-2.49E+00	-4.53E+03	-5.23E+03	-8.33E+02	1.93E+03	2.32E+03	1.81E+03
1	467600	6590800	400	9	0.28	2	C3	X	31	0	-1.77E+03	-2.60E+03	-2.57E+03	-2.12E+03	-7.81E+02	1.62E+03	2.08E+03	1.78E+03	1.17E+03	6.25E+02	3.14E+02
1	467600	6590800	400	9	0.28	2	C3	Y	31	0	-7.91E+00	-9.03E-02	2.51E-01	4.73E+02	-1.92E+03	-3.88E+03	-3.01E+03	-3.02E+03	-4.59E+03	-5.52E+03	-4.08E+03
1	467600	6590820	400	9	0.28	2	C3	Z	31	0	-1.59E+01	-1.88E+00	-6.11E-01	-1.85E+00	-5.41E+02	-3.12E+03	5.73E+03	5.96E+03	5.96E+03	5.75E+03	4.36E+03
1	467600	6590820	400	9	0.28	2	C3	X	31	0	-1.18E+03	-1.75E+03	-1.57E+03	-1.17E+03	-2.29E+02	1.46E+03	1.52E+03	1.18E+03	7.03E+02	2.64E+02	-6.74E+00
1	467600	6590820	400	9	0.28	2	C3	Y	31	0	-1.37E+00	1.42E-02	2.60E-01	-5.75E+02	-4.38E+03	-7.29E+00	-9.12E+02	-3.01E+03	-4.76E+03	-5.23E+03	-3.78E+03
1	467600	6590840	400	9	0.28	2	C3	Z	31	0	2.39E+01	3.91E-01	-3.46E-01	-1.67E+00	-2.04E+03	3.31E+03	5.96E+03	5.96E+03	5.96E+03	5.91E+03	4.83E+03
1	467600	6590840	400	9	0.28	2	C3	X	31	0	2.33E+03	1.73E+03	1.29E+03	1.05E+03	-2.25E+02	-2.67E+02	6.36E+01	-1.15E+01	-2.30E+02	-3.68E+02	-3.77E+02
1	467600	6590840	400	9	0.28	2	C3	Y	31	0	3.75E+00	6.08E-02	9.21E+02	3.30E+03	-2.21E+03	-2.24E+02	-2.99E+03	-4.41E+03	-5.45E+03	-3.78E+03	-2.83E+03
1	467600	6590860	400	9	0.28	2	C3	Z	31	0	1.10E+01	7.11E-02	-3.39E+00	-4.34E+00	-2.61E+03	5.48E+03	5.96E+03	5.96E+03	5.96E+03	5.86E+03	4.60E+03
1	467600	6590860	400	9	0.28	2	C3	X	31	0	5.77E+03	4.48E+03	3.29E+03	2.15E+03	-1.51E+03	-1.60E+03	-1.12E+03	-8.95E+02	-7.50E+02	-6.41E+02	-5.54E+02
1	467600	6590860	400	9	0.28	2	C3	Y	31	0	9.93E+00	2.49E+03	3.60E+03	-5.03E+03	-2.22E+03	-1.03E+03	-3.54E+03	-5.87E+03	-4.20E+03	-2.87E+03	-2.04E+03
1	467600	6590880	400	9	0.28	2	C3	Z	31	0	-2.45E+00	-1.35E+00	-2.70E+00	4.18E+00	-6.74E+02	5.96E+03	5.96E+03	5.96E+03	5.96E+03	5.73E+03	4.23E+03
1	467600	6590880	400	9	0.28	2	C3	X	31	0	-1.53E+01	4.07E-01	-1.24E-02	5.68E+00	1.57E+03	-4.28E+02	-8.47E+02	-8.81E+02	-8.17E+02	-7.12E+02	-6.07E+02
1	467600	6590880	400	9	0.28	2	C3	Y	31	0	3.33E+02	3.39E+03	-4.78E+03	-5.68E+03	-8.05E+02	-1.13E+03	-3.84E+03	-5.69E+03	-3.83E+03	-2.61E+03	-1.74E+03
1	467600	6590900	400	9	0.28	2	C3	Z	31	0	4.23E+00	-8.42E-02	6.72E-01	1.42E+00	4.56E+03	5.96E+03	5.96E+03	5.96E+03	5.96E+03	5.69E+03	4.04E+03
1	467600	6590900	400	9	0.28	2	C3	X	31	0	-5.84E+03	-4.78E+03	-3.95E+03	-2.59E+03	2.31E+03	1.66E+02	-7.87E+02	-1.07E+03	-1.07E+03	-9.09E+02	-7.29E+02
1	467600	6590900	400	9	0.28	2	C3	Y	31	0	8.10E+02	7.16E+02	-5.92E+03	-4.12E+03	-1.29E+02	-7.96E+02	-4.51E+03	-5.75E+03	-4.07E+03	-2.31E+03	-1.45E+03
1	467600	6590920	400	9	0.28	2	C3	Z	31	0	-7.17E+00	-6.51E-01	-2.30E+00	-2.04E-01	1.21E+00	2.77E+00	4.65E+03	5.96E+03	5.96E+03	5.66E+03	4.01E+03
1	467600	6590920	400	9	0.28	2	C3	X	31	0	-2.85E+03	-1.98E+03	-8.52E+02	-3.65E+02	1.22E+03	1.16E+03	-2.17E+02	-7.91E+02	-9.46E+02	-8.53E+02	-6.95E+02
1	467600	6590920	400	9	0.28	2	C3	Y	31	0	1.79E+01	3.21E+03	-7.87E+02	-5.96E+03	-1.49E+03	-6.75E+02	-4.47E+03	-5.59E+03	-3.60E+03	-1.94E+03	-1.19E+03
1	467600	6590960	400	9	0.28	2	C3	Z	31	0	8.06E+00	2.80E+00	1.23E+00	1.66E+00	7.49E-01	-1.67E+00	2.16E+03	5.96E+03	5.96E+03	5.58E+03	3.90E+03
1	467600	6590960	400	9	0.28	2	C3	X	31	0	-4.93E+03	-2.40E+03	9.16E+02	2.80E+03	5.43E+03	4.18E+03	2.13E+03	9.46E+02	-7.72E+01	-4.30E+02	-4.54E+02
1	467600	6590960	400	9	0.28	2	C3	Y	31	0	5.25E+01	2.82E+03	5.57E+03	-3.28E+02	-2.83E+03	-3.69E+03	-5.62E+03	-3.87E+03	-2.06E+03	-9.28E+02	-5.63E+02
1	467600	6590980	400	9	0.28	2	C3	Z	31	0	1.64E+02	5.79E+00	1.01E+00	-5.51E-02	5.63E-01	1.56E-01	2.50E+03	5.96E+03	5.96E+03	5.52E+03	3.82E+03
1	467600	6590980	400	9	0.28	2	C3	X	31	0	-5.47E+03	-3.67E+03	-1.62E+03	9.36E+02	3.91E+03	3.75E+03	2.03E+03	9.04E+02	-1.10E+02	-4.69E+02	-4.90E+02
1	467600	6590980	400	9	0.28	2	C3	Y	31	0	4.70E+02	3.68E+03	5.62E+03	6.91E+02	-4.57E+03	-4.43E+03	-5.37E+03	-3.58E+03	-1.75E+03	-7.16E+02	-4.05E+02
1	467600	6591000	400	9	0.28	2	C3	Z	31	0	1.32E+03	3.64E+00	2.96E-01	2.02E+00	1.30E+00	2.29E-01	1.34E+03	5.96E+03	5.96E+03	5.56E+03	3.86E+03
1	467600	6591000	400	9	0.28	2	C3	X	31	0	-5.96E+03	-4.87E+03	-2.39E+03	5.59E+02	4.68E+03	4.91E+03	2.84E+03	1.55E+03	3.45E+02	-2.80E+02	-3.86E+02
1	467600	6591000	400	9	0.28	2	C3	Y	31	0	3.02E+03	4.54E+03	5.92E+03	2.59E+03	-5.73E+03	-5.96E+03	-4.97E+03	-3.07E+03	-1.18E+03	-3.78E+02	-1.81E+02
1	467600	6591020	400	9	0.28	2	C3	Z	31	0	3.54E+03	-2.63E+01	1.52E+00	2.91E+00	2.54E+00	-8.52E-01	2.85E+02	5.81E+03	5.96E+03	5.56E+03	3.82E+03
1	467600	6591020	400	9	0.28	2	C3	X	31	0	-5.95E+03	-4.58E+03	-2.39E+03	3.13E+02	4.20E+03	4.71E+03	2.87E+03	1.60E+03	4.41E+02	-2.34E+02	-3.65E+02
1	467600	6591020	400	9	0.28	2	C3	Y	31	0	5.95E+03	5.68E+03	4.09E+03	1.52E+03	-4.54E+03	-4.69E+03	-3.35E+03	-1.78E+03	-4.82E+02	1.38E+01	5.21E+01
1	467600	6591040	400	9	0.28	2	C3	Z	31	0	3.37E+03	-2.39E+01	1.17E+00	2.68E+00	2.57E+00	-1.07E+00	3.38E+02	5.85E+03	5.96E+03	5.46E+03	3.69E+03
1	467600	6591040	400	9	0.28	2	C3	X	31	0	-5.04E+03	-3.53E+03	-1.59E+03	1.04E+03	4.07E+03	4.25E+03	2.59E+03	1.48E+03	3.66E+02	-2.47E+02	-3.54E+02
1	467600	6591040	400	9	0.28	2	C3	Y	31	0	-2.62E+03	-2.31E+03	-1.32E+03	-5.77E+02	7.97E+02	1.74E+03	1.13E+03	7.23E+02	4.56E+02	2.54E+02	1.31E+02
1	467600	6591060	400	9	0.28	2	C3	Z	31	0	2.87E+03	-1.59E+01	1.22E+00	2.02E+00	2.59E+00	-1.24E+00	4.92E+02	5.94E+03	5.96E+03	5.43E+03	3.66E+03
1	467600	6591060	400	9	0.28	2	C3	X	31	0	-5.00E+03	-3.71E+03	-2.05E+03	-1.75E+02	3.10E+03	3.44E+03	2.09E+03	1.16E+03	1.20E+02	-3.61E+02	-4.29E+02
1	467600	6591060	400	9	0.28	2	C3	Y	31	0	-5.96E+03	-5.34E+03	-3.95E+03	-2.29E+03	2.81E+03	3.92E+03	2.97E+03	1.81E+03	9.29E+02	4.55E+02	2.52E+02

Ch12	Ch13	Ch14	Ch15	Ch16	Ch17	Ch18	Ch19	Ch20	Ch21	Ch22	Ch23	Ch24	Ch25	Ch26	Ch27	Ch28
1.86E+01	3.49E+01	1.56E+01	3.27E+00	-1.74E+00	-2.67E+00	-1.73E+00	-4.03E-01	-1.98E-01	1.72E-01	1.42E-01	5.37E-02	-5.16E-02	2.29E-01	9.62E-02	-1.04E-01	-2.19E-01
2.86E+02	1.17E+02	3.21E+01	8.57E+00	5.57E-01	1.13E+00	3.99E+00	4.10E+00	-1.68E+00	1.35E+00	-1.74E+00	-5.63E-01	4.10E+00	-5.36E+00	-8.78E-01	1.27E+00	2.80E+00
-2.94E+03	-2.03E+03	-1.09E+03	-6.20E+02	-3.72E+02	-1.91E+02	-8.21E+01	-3.86E+01	-2.02E+01	-1.04E+01	-2.15E+00	-7.69E-01	-9.68E-01	3.04E+00	-2.69E-01	-1.87E+00	-1.58E+00
1.30E+03	7.82E+02	4.02E+02	2.18E+02	1.25E+02	6.06E+01	2.52E+01	1.21E+01	6.22E+00	3.02E+00	1.24E+00	7.75E-01	2.89E-01	-1.11E-02	-6.44E-02	1.58E-01	-1.73E-01
1.02E+02	-5.64E+00	-3.46E+01	-2.51E+01	-1.73E+01	-1.02E+01	-3.86E+00	-8.52E+00	-7.56E-01	4.42E-02	7.99E-01	2.61E+00	1.32E+00	7.97E-01	-9.04E-01	-2.40E+00	-2.27E+00
-3.15E+03	-2.23E+03	-1.22E+03	-6.95E+02	-4.15E+02	-2.11E+02	-9.15E+01	-4.51E+01	-2.23E+01	-9.80E+00	-4.30E+00	-2.10E+00	-1.86E+00	-1.13E-01	4.14E-01	9.25E-01	1.38E+00
2.96E+03	1.74E+03	9.02E+02	4.98E+02	2.92E+02	1.46E+02	6.20E+01	2.98E+01	1.57E+01	7.05E+00	2.86E+00	1.52E+00	1.19E+00	3.83E-01	3.54E-01	-9.65E-02	1.17E-01
-1.15E+02	-1.31E+02	-1.09E+02	-7.23E+01	-4.78E+01	-2.27E+01	-7.60E+00	-9.87E+00	-7.51E-01	1.67E+00	5.62E-01	-2.53E-01	2.57E+00	7.21E-01	-2.46E+00	-1.72E+00	4.44E+00
-2.93E+03	-2.01E+03	-1.08E+03	-6.14E+02	-3.64E+02	-1.90E+02	-8.54E+01	-3.81E+01	-2.12E+01	-1.06E+01	-3.42E+00	-1.31E+00	-4.27E+00	-5.81E-01	2.28E+00	3.37E+00	-1.88E+00
3.28E+03	1.93E+03	9.96E+02	5.53E+02	3.23E+02	1.61E+02	6.86E+01	3.27E+01	1.69E+01	7.58E+00	2.81E+00	1.23E+00	4.31E-01	1.92E-01	1.57E-02	8.63E-02	1.77E-01
-3.63E+02	-2.57E+02	-1.55E+02	-1.05E+02	-5.96E+01	-3.57E+01	-1.93E+01	-7.18E+00	-2.42E+00	-6.91E+00	-7.54E-01	-9.43E-01	-4.87E+00	-9.03E-01	-1.23E+00	-1.22E+00	-1.89E+00
-2.14E+03	-1.30E+03	-7.05E+02	-4.07E+02	-2.44E+02	-1.25E+02	-5.62E+01	-2.65E+01	-1.48E+01	-5.09E-01	-7.16E-01	-2.47E-01	3.75E-01	-2.06E-01	8.16E-02	4.45E-02	3.93E-01
3.10E+03	1.82E+03	9.41E+02	5.22E+02	3.05E+02	1.52E+02	6.43E+01	3.05E+01	1.58E+01	7.01E+00	2.68E+00	1.20E+00	4.16E-01	2.07E-01	1.09E-01	4.53E-02	-6.79E-02
-4.77E+02	-3.61E+02	-2.25E+02	-1.41E+02	-9.54E+01	-4.47E+01	-2.41E+01	-1.04E+01	-5.20E+00	1.03E-02	-3.11E+00	-1.39E+01	-4.91E+00	-2.35E+00	-1.80E+00	-4.03E+00	-3.54E+00
-1.38E+03	-8.35E+02	-4.55E+02	-2.67E+02	-1.64E+02	-8.43E+01	-3.75E+01	-1.85E+01	-1.16E+01	-5.11E+00	-1.32E+00	2.31E+00	4.01E+00	-1.44E-02	5.70E-01	1.86E+00	8.31E-01
2.83E+03	1.66E+03	8.58E+02	4.74E+02	2.76E+02	1.37E+02	5.76E+01	2.72E+01	1.41E+01	6.16E+00	2.38E+00	1.13E+00	5.14E-01	2.35E-01	4.77E-02	-4.98E-02	1.48E-02
-5.14E+02	-3.88E+02	-2.38E+02	-1.35E+02	-8.79E+01	-3.99E+01	-2.25E+01	-1.25E+01	-1.22E+01	-1.23E+01	2.02E+00	-5.12E-02	1.75E-01	1.16E-01	1.83E+00	-1.10E+00	2.90E+00
-1.18E+03	-7.29E+02	-3.99E+02	-2.34E+02	-1.45E+02	-7.83E+01	-3.45E+01	-1.44E+01	-6.15E+00	1.43E+00	-2.97E+00	-1.88E-01	3.11E-01	1.13E+00	1.12E-01	-7.53E-02	-1.97E+00
2.70E+03	1.59E+03	8.23E+02	4.55E+02	2.65E+02	1.31E+02	5.46E+01	2.58E+01	1.30E+01	5.71E+00	2.12E+00	8.25E-01	4.64E-01	1.28E-01	-2.83E-02	-4.65E-02	1.08E-02
-5.76E+02	-3.99E+02	-2.43E+02	-1.49E+02	-9.28E+01	-4.96E+01	-2.10E+01	-1.42E+01	-6.48E+00	-5.32E+00	-1.62E+00	9.48E-01	-8.81E-01	-5.71E-01	1.11E+00	-5.30E-02	3.99E+00
-9.91E+02	-6.16E+02	-3.50E+02	-2.11E+02	-1.31E+02	-6.91E+01	-3.09E+01	-1.53E+01	-8.01E+00	-5.70E+00	-6.80E-01	-9.04E-01	-3.68E-01	2.15E-01	-6.71E-01	-5.38E-01	-4.54E-01
2.70E+03	1.59E+03	8.30E+02	4.61E+02	2.69E+02	1.33E+02	5.54E+01	2.62E+01	1.28E+01	5.47E+00	2.13E+00	7.86E-01	3.77E-01	1.40E-01	-4.14E-02	-8.62E-02	-8.71E-03
-5.56E+02	-3.89E+02	-2.36E+02	-1.42E+02	-9.31E+01	-4.81E+01	-2.29E+01	-1.24E+00	-5.79E+00	-5.12E+00	-3.35E-01	-3.02E+00	-5.86E+00	1.39E+00	-1.53E+00	2.25E+00	1.58E+00
-8.17E+02	-5.15E+02	-2.97E+02	-1.80E+02	-1.11E+02	-6.28E+01	-2.82E+01	-1.53E+01	-6.45E+00	-1.64E+00	-1.10E+00	2.18E+00	3.74E+00	1.08E+00	2.33E-02	-2.16E-01	2.49E-01
2.63E+03	1.56E+03	8.18E+02	4.56E+02	2.67E+02	1.32E+02	5.46E+01	2.51E+01	1.27E+01	5.29E+00	1.80E+00	8.84E-01	3.78E-01	4.92E-02	2.12E-03	-1.56E-02	-5.60E-02
-3.90E+02	-3.00E+02	-1.92E+02	-1.29E+02	-7.55E+01	-4.23E+01	-1.86E+01	-8.64E+00	-9.06E+00	-2.61E+00	-1.86E+00	-1.21E+00	-3.22E-01	-1.13E+00	3.01E+00	3.69E+00	-3.58E+00
-3.93E+02	-2.64E+02	-1.60E+02	-1.06E+02	-7.18E+01	-4.11E+01	-2.08E+01	-8.36E+00	-6.94E+00	-1.71E+00	7.61E-01	-7.92E-01	3.84E-01	-6.47E-02	-7.25E-01	-2.05E+00	1.73E-01
2.58E+03	1.54E+03	8.08E+02	4.50E+02	2.62E+02	1.30E+02	5.32E+01	2.40E+01	1.19E+01	4.96E+00	1.68E+00	6.06E-01	2.39E-01	1.45E-01	1.07E-01	3.84E-02	4.05E-02
-4.35E+02	-3.27E+02	-2.05E+02	-1.24E+02	-8.52E+01	-4.27E+01	-1.76E+01	-1.11E+01	-3.73E+00	-1.21E+01	-7.51E-01	5.88E-01	-1.77E+00	-2.81E+00	-2.69E+00	1.28E+00	-1.57E+00
-2.85E+02	-1.94E+02	-1.26E+02	-9.24E+01	-5.52E+01	-3.58E+01	-1.81E+01	-9.54E+00	-5.31E+00	-1.50E+00	-1.33E+00	-9.54E-01	-2.69E-02	9.23E-02	6.28E-01	-1.56E+00	-2.14E-01
2.60E+03	1.55E+03	8.13E+02	4.54E+02	2.65E+02	1.30E+02	5.36E+01	2.44E+01	1.19E+01	4.83E+00	1.45E+00	3.28E-01	1.95E-01	8.27E-02	-1.07E-01	-1.08E-01	-1.09E-01
-3.65E+02	-2.85E+02	-1.71E+02	-1.15E+02	-7.60E+01	-3.93E+01	-1.93E+01	-7.68E+00	-4.97E+00	-2.31E+00	-3.68E-01	-2.57E+00	-2.26E-01	-7.62E-01	7.58E-02	1.50E+00	-5.48E-01
-1.29E+02	-9.83E+01	-7.72E+01	-5.76E+01	-4.10E+01	-3.04E+01	-1.58E+01	-8.95E+00	-5.32E+00	-7.11E-01	-9.31E-01	6.11E-01	5.87E-01	-2.32E-01	-1.93E-01	-5.60E-01	-1.12E-01
2.57E+03	1.54E+03	8.18E+02	4.62E+02	2.73E+02	1.37E+02	5.75E+01	2.69E+01	1.36E+01	5.53E+00	1.96E+00	8.89E-01	3.15E-01	1.70E-02	-6.69E-02	1.09E-01	-5.05E-02
-3.58E+02	-2.82E+02	-1.81E+02	-1.14E+02	-7.29E+01	-3.40E+01	-1.61E+01	-2.10E+00	-9.48E-01	-8.45E+00	2.68E+00	6.39E-01	9.07E-02	6.56E-01	-2.48E+00	-4.46E-02	-1.73E+00
2.24E+01	-1.24E+01	-3.84E+01	-4.06E+01	-3.64E+01	-2.86E+01	-1.80E+01	-1.20E+01	-6.36E+00	-5.43E+00	-4.21E+00	-4.94E-01	2.36E-01	-8.07E-01	3.76E-01	-7.08E-01	1.02E+00
2.49E+03	1.50E+03	8.02E+02	4.57E+02	2.72E+02	1.38E+02	5.90E+01	2.77E+01	1.42E+01	6.14E+00	2.01E+00	1.07E+00	2.62E-01	7.92E-02	-8.02E-02	-8.27E-02	9.70E-02
-3.45E+02	-2.61E+02	-1.66E+02	-1.07E+02	-6.80E+01	-3.18E+01	-1.37E+01	-6.65E+00	1.45E+00	3.50E-01	3.46E+00	-7.15E-01	2.34E+00	-1.78E-03	4.41E-01	1.51E-02	9.52E-01
6.07E+01	2.59E+00	-2.18E+01	-2.46E+01	-1.98E+01	-1.89E+01	-9.95E+00	-7.45E+00	-4.40E+00	-2.20E+00	-3.41E-01	1.64E+00	4.21E-02	1.43E+00	5.08E-01	1.18E+00	-7.03E-01
2.46E+03	1.48E+03	7.89E+02	4.47E+02	2.65E+02	1.34E+02	5.68E+01	2.67E+01	1.34E+01	5.71E+00	2.06E+00	6.89E-01	3.93E-01	1.99E-01	-9.94E-03	1.28E-02	-1.57E-01
-3.91E+02	-2.94E+02	-1.88E+02	-1.17E+02	-7.42E+01	-3.99E+01	-7.61E+00	-6.84E+00	-3.17E+00	3.26E+00	2.90E+00	-5.21E-01	2.52E-01	-3.26E+00	1.30E+00	4.93E+00	-6.04E-01
1.45E+02	6.11E+01	1.37E+01	-4.25E+00	-9.63E+00	-1.05E+01	-7.97E+00	-2.54E+00	-2.54E+00	-3.30E+00	-6.70E-01	-1.01E+00	-3.40E-01	9.57E-01	2.79E-01	-1.80E+00	6.94E-01

Ch29	Ch30	Ch31	Ch32	Ch33	Ch34	Ch35	Ch36	Ch37	Ch38	Ch39	Ch40	Ch41	Ch42	Ch43	Ch44	Ch45	Ch46	Ch47	Ch48	Ch49	Ch50
2.67E-03	-2.23E-01	-3.20E-02																			
-1.41E+00	2.88E-01	4.54E-01																			
5.74E-01	-3.12E-01	-1.72E-01																			
9.62E-02	-1.23E-01	6.61E-02																			
-2.23E+00	-6.03E+00	-1.99E+00																			
1.16E+00	2.21E+00	-5.85E-01																			
5.79E-02	4.13E-02	8.24E-02																			
8.78E-01	1.36E+00	-5.35E-01																			
7.22E-01	-9.34E-01	1.11E+00																			
-2.28E-02	1.46E-02	-2.90E-03																			
-1.68E+00	-2.57E+00	-1.52E+00																			
1.00E-02	6.76E-01	1.28E+00																			
-7.17E-02	-4.63E-02	3.09E-02																			
-1.21E-02	-3.50E+00	1.74E+00																			
3.83E-01	7.90E-01	-1.69E+00																			
-2.94E-02	7.52E-04	-3.01E-02																			
1.40E+00	-2.90E-01	-1.58E+00																			
1.11E+00	1.02E+00	1.43E+00																			
-1.86E-01	-1.39E-02	-1.05E-01																			
-2.30E+00	1.79E+00	9.45E-01																			
-6.61E-01	-9.19E-01	-6.11E-02																			
-2.06E-03	-7.81E-03	4.49E-02																			
1.66E+00	-2.40E+00	2.42E+00																			
-3.33E-01	1.10E+00	-9.30E-01																			
-7.68E-03	-1.36E-01	2.44E-02																			
-5.41E-01	1.35E+00	-2.65E+00																			
3.92E-01	-8.97E-01	5.53E-01																			
-7.12E-02	-1.04E-01	4.52E-02																			
2.68E-01	-1.22E+00	1.42E+00																			
-1.95E-01	-6.78E-01	-1.10E+00																			
-1.28E-01	-1.08E-01	-3.22E-02																			
-1.89E+00	1.80E+00	3.04E-01																			
7.31E-01	-1.30E-01	3.73E-01																			
-4.45E-02	-2.80E-02	-4.08E-02																			
-2.31E+00	1.41E+00	1.24E+00																			
8.36E-01	1.63E-01	2.87E-02																			
-8.65E-02	-1.20E-01	-2.65E-02																			
5.18E-01	-6.46E-01	-1.76E+00																			
5.46E-02	4.48E-01	-9.24E-01																			
4.92E-02	-1.51E-01	-8.55E-02																			
7.07E-01	-1.27E+00	-2.78E+00																			
5.79E-01	9.03E-01	4.80E-01																			

LOOP	EAST	NORTH	LSIDE	CUR	RMP	G	F	C	NCH	VPRI	Ch1	Ch2	Ch3	Ch4	Ch5	Ch6	Ch7	Ch8	Ch9	Ch10	Ch11
1	467700	6591060	400	9	0.28	2	C3	Z	31	0	-3.33E+00	1.56E+00	1.78E+00	1.82E+00	1.08E+00	1.36E+00	4.42E+03	5.96E+03	5.96E+03	5.23E+03	3.49E+03
1	467700	6591060	400	9	0.28	2	C3	X	31	0	-1.06E+03	-5.96E+03	-1.77E+03	4.64E+03	2.46E+03	5.68E+03	5.23E+03	3.52E+03	1.62E+03	5.28E+02	1.42E+02
1	467700	6591060	400	9	0.28	2	C3	Y	31	0	1.47E+02	3.09E+05	-1.04E+03	-8.26E+02	-7.30E+02	3.34E+02	7.95E+02	7.69E+02	5.80E+02	3.50E+02	1.68E+02
1	467700	6591040	400	9	0.28	2	C3	Z	31	0	-1.50E+01	9.13E-01	2.13E+00	1.65E+00	2.10E-02	8.48E+01	5.56E+03	5.96E+03	5.96E+03	5.18E+03	3.51E+03
1	467700	6591040	400	9	0.28	2	C3	X	31	0	-4.63E+02	-5.63E+03	-1.13E+03	4.80E+03	2.29E+03	4.42E+03	5.26E+03	3.37E+03	1.87E+03	6.49E+02	1.98E+02
1	467700	6591040	400	9	0.28	2	C3	Y	31	0	5.60E+03	5.29E+05	2.21E+03	2.58E+02	-3.88E+03	-3.25E+03	-1.17E+03	-2.18E+02	1.90E+02	2.19E+02	1.21E+02
1	467700	6591020	400	9	0.28	2	C3	Z	31	0	-2.24E+01	5.40E-01	1.62E+00	1.82E+00	3.33E-01	7.83E+02	5.96E+03	5.96E+03	5.96E+03	5.17E+03	3.53E+03
1	467700	6591020	400	9	0.28	2	C3	X	31	0	-3.39E+02	-5.54E+03	-2.66E+03	3.83E+03	2.36E+03	5.09E+03	4.83E+03	2.96E+03	1.62E+03	5.38E+02	1.37E+02
1	467700	6591020	400	9	0.28	2	C3	Y	31	0	4.99E+03	9.46E+05	2.60E+03	9.52E+02	-2.55E+03	-2.85E+03	-1.13E+03	-2.59E+02	1.23E+02	1.61E+02	7.87E+01
1	467700	6591000	400	9	0.28	2	C3	Z	31	0	-2.26E+01	6.99E-01	1.84E+00	1.85E+00	9.63E-01	6.47E+02	5.96E+03	5.96E+03	5.96E+03	5.25E+03	3.61E+03
1	467700	6591000	400	9	0.28	2	C3	X	31	0	-1.49E+03	-5.50E+03	-1.40E+03	3.91E+03	2.99E+03	5.80E+03	4.12E+03	2.61E+03	1.49E+03	5.40E+02	1.63E+02
1	467700	6591000	400	9	0.28	2	C3	Y	31	0	4.70E+03	-4.01E+05	3.13E+03	1.51E+03	-1.73E+03	-2.51E+03	-1.17E+03	-4.12E+02	-4.40E+01	2.43E+01	-1.84E+01
1	467700	6590980	400	9	0.28	2	C3	Z	31	0	-2.19E+01	6.81E-01	1.91E+00	1.92E+00	1.04E+00	1.65E+02	5.67E+03	5.96E+03	5.96E+03	5.40E+03	3.75E+03
1	467700	6590980	400	9	0.28	2	C3	X	31	0	-1.28E+03	-5.69E+03	-2.18E+03	3.39E+03	3.18E+03	5.79E+03	3.89E+03	2.44E+03	1.40E+03	4.98E+02	1.34E+02
1	467700	6590980	400	9	0.28	2	C3	Y	31	0	5.78E+03	-1.89E+04	3.48E+03	1.01E+03	-3.56E+03	-3.52E+03	-1.92E+03	-8.71E+02	-3.16E+02	-1.43E+02	-1.67E+02
1	467700	6590960	400	9	0.28	2	C3	Z	31	0	-2.38E+01	-5.16E-01	4.49E-01	-3.44E-01	1.49E+00	6.51E+00	4.69E+03	5.96E+03	5.96E+03	5.57E+03	3.95E+03
1	467700	6590960	400	9	0.28	2	C3	X	31	0	-1.73E+03	-5.47E+03	-1.67E+03	3.54E+03	3.36E+03	5.79E+03	3.92E+03	2.46E+03	1.44E+03	5.44E+02	1.61E+02
1	467700	6590960	400	9	0.28	2	C3	Y	31	0	4.17E+03	-1.97E+05	2.83E+03	-2.07E+03	-5.96E+03	-5.35E+03	-3.46E+03	-1.93E+03	-8.80E+02	-4.49E+02	-3.48E+02
1	467700	6590940	400	9	0.28	2	C3	Z	31	0	-2.50E+01	-7.51E-01	4.00E-01	-5.19E-02	2.92E-01	6.55E+00	4.63E+03	5.96E+03	5.96E+03	5.71E+03	4.19E+03
1	467700	6590940	400	9	0.28	2	C3	X	31	0	-1.74E+03	-5.42E+03	-1.48E+03	3.65E+03	3.12E+03	5.74E+03	4.12E+03	2.58E+03	1.56E+03	6.76E+02	2.48E+02
1	467700	6590940	400	9	0.28	2	C3	Y	31	0	1.67E+03	4.35E+05	4.45E+03	-1.42E+03	-4.25E+03	-5.65E+03	-4.03E+03	-2.59E+03	-1.24E+03	-6.32E+02	-4.38E+02
1	467700	6590920	400	9	0.28	2	C3	Z	31	0	-1.29E+01	-2.61E-01	1.05E+00	2.71E+00	1.06E+00	1.88E+00	4.11E+03	5.96E+03	5.96E+03	5.84E+03	4.54E+03
1	467700	6590920	400	9	0.28	2	C3	X	31	0	-4.02E+03	-5.31E+03	-2.47E+03	1.97E+03	5.96E+03	5.33E+03	3.34E+03	2.22E+03	1.37E+03	5.44E+02	1.44E+02
1	467700	6590920	400	9	0.28	2	C3	Y	31	0	1.02E+03	3.93E+05	1.48E+03	-4.95E+03	-2.54E+03	-4.11E+03	-5.53E+03	-3.93E+03	-2.53E+03	-1.33E+03	-8.25E+02
1	467700	6590900	400	9	0.28	2	C3	Z	31	0	2.70E+00	6.09E-01	-1.22E-01	1.04E+00	1.36E+00	1.23E+00	2.77E+03	5.96E+03	5.96E+03	5.93E+03	4.93E+03
1	467700	6590900	400	9	0.28	2	C3	X	31	0	-4.86E+03	-4.42E+03	-7.50E+02	3.78E+03	4.95E+03	5.84E+03	4.24E+03	2.90E+03	1.84E+03	1.07E+03	4.89E+02
1	467700	6590900	400	9	0.28	2	C3	Y	31	0	2.21E+03	5.39E+05	-5.08E+03	-5.96E+03	-1.50E+03	-3.28E+03	-5.91E+03	-4.73E+03	-3.31E+03	-2.03E+03	-1.29E+03
1	467700	6590880	400	9	0.28	2	C3	Z	31	0	-4.87E+00	-1.35E+00	-2.52E+00	1.80E+02	3.19E+03	-7.21E+00	1.09E+03	5.92E+03	5.96E+03	5.96E+03	5.37E+03
1	467700	6590880	400	9	0.28	2	C3	X	31	0	5.82E+03	2.85E+03	1.32E+02	1.28E+02	5.55E+03	5.95E+03	5.13E+03	3.62E+03	2.30E+03	1.38E+03	8.01E+02
1	467700	6590880	400	9	0.28	2	C3	Y	31	0	-1.12E+02	2.21E+03	4.64E+03	-5.06E+03	-1.85E+03	-1.14E+03	-3.22E+03	-5.86E+03	-4.95E+03	-3.41E+03	-2.43E+03
1	467700	6590860	400	9	0.28	2	C3	Z	31	0	1.90E+00	-1.38E+00	-5.35E-01	-3.43E+00	2.12E+03	5.96E+03	5.96E+03	5.96E+03	5.96E+03	5.96E+03	5.44E+03
1	467700	6590860	400	9	0.28	2	C3	X	31	0	1.61E+00	-1.40E+03	-5.77E+03	-2.37E+03	4.43E+03	4.47E+03	5.96E+03	5.06E+03	3.27E+03	1.93E+03	1.26E+03
1	467700	6590860	400	9	0.28	2	C3	Y	31	0	-1.82E+02	9.96E+05	1.92E+03	4.87E+02	-1.95E+03	-4.86E-01	-7.83E+02	-3.00E+03	-5.41E+03	-4.79E+03	-3.46E+03
1	467700	6590840	400	9	0.28	2	C3	Z	31	0	2.50E+01	4.44E-01	-5.57E-01	1.66E+00	-6.36E+00	-4.96E+03	-2.44E+03	2.76E+03	4.81E+03	4.59E+03	3.60E+03
1	467700	6590840	400	9	0.28	2	C3	X	31	0	8.17E+00	-6.96E-02	-3.99E+00	-1.52E+03	5.10E+03	2.97E+03	5.03E+03	5.96E+03	4.77E+03	2.89E+03	1.87E+03
1	467700	6590840	400	9	0.28	2	C3	Y	31	0	-3.38E+01	2.55E-01	-4.58E-01	-1.62E+03	-1.80E+03	-2.82E-01	-3.32E+01	-2.60E+03	-4.30E+03	-5.63E+03	-4.17E+03
1	467700	6590820	400	9	0.28	2	C3	Z	31	0	-7.10E+01	-3.44E+00	-2.00E+00	4.96E-01	8.84E-01	-2.15E+03	-5.96E+03	-5.70E+03	-1.90E+03	7.24E+02	1.32E+03
1	467700	6590820	400	9	0.28	2	C3	X	31	0	-2.15E+02	-1.09E+03	-4.24E+03	-5.79E+03	2.41E+03	5.70E+03	5.69E+03	4.95E+03	3.70E+03	2.42E+03	1.62E+03
1	467700	6590820	400	9	0.28	2	C3	Y	31	0	-4.41E+01	-1.25E+06	1.57E+00	2.86E+05	-5.20E+03	-3.32E+03	-3.01E+03	-3.02E+03	-5.20E+03	-5.54E+03	-4.19E+03
1	467700	6590800	400	9	0.28	2	C3	Z	31	0	-5.96E+03	-7.44E+02	-6.35E+00	-6.72E-01	-2.75E+02	-5.36E+03	-5.96E+03	-5.96E+03	-4.91E+03	-1.96E+03	-5.68E+02
1	467700	6590800	400	9	0.28	2	C3	X	31	0	-1.40E+02	-1.01E+01	-1.24E+03	-3.92E+03	-8.72E+02	3.44E+03	4.49E+03	4.56E+03	3.93E+03	2.89E+03	2.07E+03
1	467700	6590800	400	9	0.28	2	C3	Y	31	0	-1.16E+02	1.06E+07	5.52E+01	2.81E+03	8.56E+02	-4.49E+03	-5.77E+03	-5.95E+03	-5.45E+03	-4.41E+03	-3.57E+03

Ch12	Ch13	Ch14	Ch15	Ch16	Ch17	Ch18	Ch19	Ch20	Ch21	Ch22	Ch23	Ch24	Ch25	Ch26	Ch27	Ch28
2.40E+03	1.46E+03	7.84E+02	4.45E+02	2.63E+02	1.32E+02	5.55E+01	2.59E+01	1.33E+01	5.40E+00	1.68E+00	6.28E-01	1.66E-01	-1.44E-01	-2.00E-01	-2.05E-01	-1.04E-01
-7.36E+00	-7.02E+01	-7.26E+01	-5.40E+01	-3.63E+01	-2.05E+01	-8.98E+00	-4.75E+00	-1.90E+00	2.63E-01	4.12E+00	9.80E-01	-1.58E+00	1.22E+00	8.53E-01	1.43E+00	1.33E+00
1.22E+02	5.36E+01	1.13E+01	4.32E+04	-9.66E+00	-1.01E+01	-8.17E+00	-6.49E+00	-4.44E+00	-2.76E+00	-1.77E+00	-1.55E+00	-1.67E+00	-1.24E+00	-7.42E-01	-1.18E+00	-1.08E+00
2.42E+03	1.49E+03	8.04E+02	4.58E+02	2.72E+02	1.37E+02	5.78E+01	2.69E+01	1.37E+01	5.80E+00	1.88E+00	5.79E-01	3.30E-01	1.65E-01	3.43E-02	-1.23E-01	-8.74E-02
2.20E+01	-5.97E+01	-6.96E+01	-5.43E+01	-3.77E+01	-2.27E+01	-9.97E+00	-1.05E+00	-2.32E+00	-1.38E+00	-1.31E-01	2.33E-01	1.34E-01	4.38E-01	3.92E-01	-2.83E-01	-3.21E-01
8.67E+01	2.73E+01	-3.19E+00	-3.88E+04	-1.47E+01	-1.38E+01	-9.63E+00	-8.69E+00	-2.78E+00	-2.16E+00	-1.17E+00	-7.07E-01	-1.70E-01	4.09E-01	1.75E-01	1.14E-01	8.72E-01
2.45E+03	1.50E+03	8.14E+02	4.64E+02	2.75E+02	1.38E+02	5.82E+01	2.73E+01	1.38E+01	6.21E+00	2.12E+00	1.24E+00	6.12E-01	2.74E-01	2.56E-01	2.08E-01	-2.99E-02
-1.84E+01	-7.75E+01	-8.08E+01	-6.16E+01	-3.86E+01	-2.21E+01	-5.00E+00	-4.65E+00	1.52E-01	-6.99E-01	4.25E-01	1.20E+00	9.19E-01	7.55E-01	1.30E+00	1.13E+00	9.03E-01
3.76E+01	-6.55E+00	-2.78E+01	-2.72E+01	-2.26E+01	-1.75E+01	-1.04E+01	-6.68E+00	-4.30E+00	-2.74E+00	-9.82E-01	-1.36E+00	-1.32E+00	5.70E-01	-7.58E-01	2.00E-01	-9.46E-03
2.50E+03	1.53E+03	8.28E+02	4.71E+02	2.79E+02	1.41E+02	5.90E+01	2.78E+01	1.41E+01	5.93E+00	2.22E+00	9.50E-01	2.39E-01	1.11E-01	8.08E-02	6.22E-02	-1.41E-02
7.89E+00	-6.15E+01	-7.14E+01	-5.66E+01	-4.11E+01	-2.33E+01	-1.20E+01	-4.70E+00	-3.29E+00	-1.42E+00	-1.16E-01	-4.95E-01	-4.40E-02	-9.23E-02	-1.50E-01	4.59E-01	1.25E+00
-3.61E+01	-5.24E+01	-5.20E+01	-4.30E+01	-3.00E+01	-2.25E+01	-1.19E+01	-7.51E+00	-5.49E+00	-2.70E+00	-6.23E-01	-5.24E-01	-5.56E-01	-4.84E-01	3.54E-01	-5.31E-02	-4.59E-01
2.59E+03	1.58E+03	8.51E+02	4.84E+02	2.88E+02	1.45E+02	6.12E+01	2.91E+01	1.47E+01	6.24E+00	2.50E+00	9.02E-01	1.34E-01	-2.97E-02	1.93E-01	1.10E-01	-2.01E-01
-1.24E+01	-7.36E+01	-6.94E+01	-6.20E+01	-4.31E+01	-2.43E+01	-1.15E+01	-6.64E+00	-8.57E+00	-2.87E+00	1.92E+00	4.04E+00	7.26E-01	6.25E-01	7.44E-01	-6.18E-01	1.69E+00
-1.27E+02	-1.17E+02	-9.09E+01	6.70E+04	-4.77E+01	-3.04E+01	-1.63E+01	-9.30E+00	-5.17E+00	-2.66E+00	-6.75E+00	-3.46E+00	-2.40E-01	7.02E-02	-3.28E-01	3.33E-01	-5.20E-02
2.70E+03	1.63E+03	8.70E+02	4.92E+02	2.90E+02	1.46E+02	6.15E+01	2.90E+01	1.48E+01	6.24E+00	2.17E+00	7.20E-01	2.88E-01	1.04E-01	-4.49E-02	-1.35E-01	-6.02E-02
2.12E+00	-6.91E+01	-7.86E+01	-6.15E+01	-4.16E+01	-2.22E+01	-1.33E+01	-5.43E+00	-2.81E+00	-1.97E+00	-9.30E-01	3.00E+00	-5.66E-01	-1.91E+00	-2.67E-01	3.52E-01	-5.16E-01
-2.69E+02	-2.06E+02	-1.42E+02	-9.78E+01	-6.90E+01	-4.36E+01	-2.05E+01	-1.17E+01	-6.63E+00	-3.30E+00	-1.70E+00	-1.87E+00	2.99E-01	8.82E-01	-1.45E-01	4.05E-01	4.99E-01
2.85E+03	1.71E+03	9.00E+02	5.04E+02	2.96E+02	1.48E+02	6.21E+01	2.88E+01	1.45E+01	6.25E+00	2.14E+00	1.02E+00	-2.61E-02	-6.43E-02	-2.44E-01	-1.39E-02	-1.90E-01
6.12E+01	-3.67E+01	-5.59E+01	-4.72E+01	-3.45E+01	-1.84E+01	-8.73E+00	-5.15E+00	5.05E-01	-2.26E+00	-1.95E+00	-9.89E-01	3.07E-01	1.95E+00	-6.16E-04	1.49E-01	2.96E-01
-3.26E+02	-2.38E+02	-1.58E+02	1.18E+04	-7.08E+01	-4.11E+01	-2.14E+01	-1.11E+01	-7.43E+00	-9.53E-01	-1.25E+00	-4.79E-01	-5.04E-01	-1.28E+00	1.80E-01	4.14E-01	-2.81E-01
3.08E+03	1.84E+03	9.71E+02	5.44E+02	3.20E+02	1.59E+02	6.71E+01	3.15E+01	1.58E+01	6.86E+00	2.57E+00	1.07E+00	5.42E-01	1.04E-01	-1.97E-01	1.60E-03	7.22E-02
-2.03E+01	-9.24E+01	-9.33E+01	-7.13E+01	-5.06E+01	-2.80E+01	-1.33E+01	-6.72E+00	-3.28E+00	4.95E-01	3.06E-01	-9.42E-01	-3.65E-01	1.45E-02	-1.72E-02	-3.68E-01	9.67E-01
-5.51E+02	-3.52E+02	-2.03E+02	-1.28E+02	-7.82E+01	-4.62E+01	-2.26E+01	-1.09E+01	-6.48E+00	-4.53E+00	-1.84E+00	-1.01E+00	-3.82E-01	1.37E-01	-5.42E-01	1.68E+00	-6.13E-01
3.39E+03	2.02E+03	1.06E+03	5.96E+02	3.50E+02	1.75E+02	7.39E+01	3.49E+01	1.74E+01	7.95E+00	2.85E+00	1.35E+00	7.08E-01	2.14E-01	9.97E-02	1.87E-01	7.22E-02
2.01E+02	3.57E+01	-2.66E+01	-3.14E+01	-2.34E+01	-1.47E+01	-7.94E+00	-4.24E-01	-3.36E+00	-2.13E+00	-8.11E-01	8.41E-01	-4.44E-01	-1.47E-01	8.98E-02	2.65E+00	1.77E+00
-8.75E+02	-5.46E+02	-3.10E+02	6.52E+03	-1.20E+02	-6.54E+01	-3.10E+01	-1.67E+01	-8.51E+00	-4.05E+00	-1.68E-01	-7.89E-01	-2.50E-01	1.57E-01	1.57E-01	-9.96E-01	-6.96E-01
3.80E+03	2.26E+03	1.19E+03	6.63E+02	3.89E+02	1.94E+02	8.21E+01	3.84E+01	1.96E+01	8.53E+00	2.76E+00	1.04E+00	2.97E-01	1.06E-01	-1.14E-01	-7.64E-02	-1.71E-01
3.87E+02	1.21E+02	1.48E+01	-1.14E+01	-1.31E+01	-8.61E+00	-5.00E+00	-1.76E+00	-1.63E-02	1.60E-01	-1.84E+00	-1.71E+00	-6.97E-01	-1.52E-01	-4.78E-01	-9.81E-01	-7.60E-02
-1.61E+03	-9.54E+02	-5.10E+02	-3.02E+02	-1.88E+02	-9.89E+01	-4.38E+01	-2.19E+01	-1.13E+01	-5.37E+00	-6.97E-01	4.80E-01	-4.37E-02	-4.15E-01	1.64E-01	8.15E-01	6.14E-02
3.92E+03	2.36E+03	1.25E+03	6.97E+02	4.10E+02	2.05E+02	8.68E+01	4.13E+01	2.11E+01	9.30E+00	3.43E+00	1.40E+00	6.31E-01	4.08E-01	-1.10E-01	-3.03E-02	-2.02E-02
8.03E+02	3.60E+02	1.27E+02	5.12E+01	2.57E+01	1.03E+01	6.98E+00	1.12E+00	-2.93E-01	3.11E-01	9.64E-02	-6.00E-01	1.97E-01	1.52E-01	1.53E-03	-1.57E-01	-3.21E-01
-2.60E+03	-1.54E+03	-8.11E+02	-4.64E+02	-2.88E+02	-1.49E+02	-6.68E+01	-3.25E+01	-1.64E+01	-7.37E+00	-3.04E+00	-7.70E-01	-6.32E-01	-3.08E-02	-2.72E-01	3.23E+00	1.85E-01
2.68E+03	1.71E+03	9.29E+02	5.22E+02	3.06E+02	1.51E+02	6.28E+01	2.96E+01	1.51E+01	6.70E+00	2.54E+00	9.78E-01	5.61E-01	2.90E-01	1.17E-01	2.56E-02	-2.13E-02
1.31E+03	8.20E+02	3.72E+02	1.85E+02	1.02E+02	4.91E+01	2.07E+01	9.86E+00	4.86E+00	1.40E+00	1.96E+00	-7.42E-01	-3.43E-01	-2.17E+00	-1.93E-01	5.54E-02	-1.52E+00
-3.21E+03	-2.13E+03	-1.13E+03	-6.45E+02	-3.85E+02	-2.00E+02	-8.82E+01	-4.34E+01	-2.27E+01	-8.06E+00	-4.20E+00	4.04E+00	-6.30E-01	1.09E+00	-5.71E-01	2.71E-01	-2.45E-01
1.26E+03	9.29E+02	5.48E+02	3.16E+02	1.85E+02	9.04E+01	3.72E+01	1.73E+01	8.73E+00	3.93E+00	1.61E+00	7.33E-01	3.04E-01	2.07E-01	6.55E-02	1.54E-03	3.02E-02
1.15E+03	7.14E+02	3.16E+02	1.52E+02	8.21E+01	3.77E+01	1.61E+01	6.76E+00	4.21E+00	1.43E+00	-1.51E-01	-1.05E+00	1.62E-01	2.25E+00	8.93E-01	1.69E-01	-8.27E-01
-3.28E+03	-2.30E+03	-1.25E+03	-7.08E+02	-4.25E+02	-2.18E+02	-9.46E+01	-4.37E+01	-2.42E+01	-9.54E+00	-1.95E+00	2.82E-01	-5.72E-01	-1.24E+00	1.55E-01	3.06E-01	1.83E-04
-3.67E+01	1.57E+02	1.48E+02	9.45E+01	5.61E+01	2.65E+01	1.07E+01	4.91E+00	2.65E+00	1.34E+00	6.65E-01	4.81E-01	8.96E-02	2.41E-01	-1.94E-02	2.83E-02	-7.03E-02
1.51E+03	1.03E+03	6.23E+02	3.36E+02	1.89E+02	9.52E+01	3.98E+01	1.82E+01	1.01E+01	5.56E+00	-1.54E+00	1.04E+00	-4.87E-01	2.96E-01	-1.71E-01	1.61E+00	-7.96E-01
-2.92E+03	-2.03E+03	-1.13E+03	1.50E+04	-3.90E+02	-2.02E+02	-8.59E+01	-4.17E+01	-2.04E+01	-1.02E+01	-8.39E-01	5.27E-01	3.11E-01	-1.96E+00	-3.75E-01	-2.11E+00	-3.27E-02

Ch29	Ch30	Ch31	Ch32	Ch33	Ch34	Ch35	Ch36	Ch37	Ch38	Ch39	Ch40	Ch41	Ch42	Ch43	Ch44	Ch45	Ch46	Ch47	Ch48	Ch49	Ch50
-1.50E-01	-1.85E-01	-1.84E-01																			
1.45E+00	1.32E+00	1.79E+00																			
-6.34E-01	-1.31E+00	-1.13E+00																			
-5.05E-02	-1.52E-03	2.89E-02																			
8.90E-01	-3.15E-01	2.03E+00																			
-1.51E-01	1.52E-02	-3.83E-01																			
1.96E-01	3.06E-02	9.15E-02																			
8.07E-01	1.65E-01	1.03E+00																			
8.31E-01	3.37E-01	-3.14E-01																			
-2.83E-02	-9.75E-03	7.78E-02																			
5.51E-01	-1.08E+00	-3.15E+00																			
-2.32E-01	7.33E-01	1.59E+00																			
5.24E-02	-1.01E-01	-1.62E-02																			
1.65E-01	2.03E-01	1.19E+00																			
-6.00E-02	-1.27E-01	1.37E-01																			
1.10E-02	1.19E-02	-7.27E-02																			
5.26E-01	-2.09E-01	-6.87E-01																			
-2.62E-02	3.48E-01	1.29E-01																			
-7.31E-02	3.03E-02	-1.22E-01																			
7.56E-01	3.97E-01	2.02E+00																			
-8.18E-01	-3.44E-01	-8.29E-01																			
1.05E-01	8.29E-02	8.25E-02																			
-7.59E-01	-5.57E-01	9.97E-01																			
3.91E-01	-6.50E-01	-1.55E-01																			
1.20E-01	-1.13E-01	-5.82E-02																			
-7.56E-02	-5.44E-01	-1.33E+00																			
-3.20E-01	2.76E-01	5.69E-01																			
1.81E-02	-2.06E-01	7.81E-02																			
-6.42E-01	-5.43E-01	-1.33E-01																			
5.37E-01	1.04E+00	4.53E-02																			
-4.03E-02	-3.54E-02	1.10E-01																			
-4.76E-01	-3.02E-01	1.91E+00																			
-1.02E-01	7.40E-01	-1.24E+00																			
-3.93E-02	1.52E-01	8.54E-02																			
1.49E-01	9.05E-02	-1.15E+00																			
1.67E-01	-1.79E-01	-7.93E-01																			
1.68E-01	3.15E-02	8.63E-02																			
1.30E+00	9.44E-01	-1.74E-02																			
-3.35E-01	-8.70E-01	2.33E-02																			
2.64E-02	-2.27E-01	-4.17E-02																			
-9.92E-01	-4.69E-01	-2.50E+00																			
6.24E-01	1.10E+00	1.88E-01																			

LOOP	EAST	NORTH	LSIDE	CUR	RMP	G	F	C	NCH	VPRI	Ch1	Ch2	Ch3	Ch4	Ch5	Ch6	Ch7	Ch8	Ch9	Ch10	Ch11
1	467700	6590780	400	9	0.28	2	C3	Z	31	0	-5.96E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.63E+03	-3.52E+03	-1.92E+03
1	467700	6590780	400	9	0.28	2	C3	X	31	0	-5.12E+03	-5.00E+03	-5.96E+03	-5.96E+03	-1.40E+03	1.65E+03	2.54E+03	2.85E+03	2.72E+03	2.19E+03	1.64E+03
1	467700	6590780	400	9	0.28	2	C3	Y	31	0	2.91E+03	4.98E+05	3.01E+03	-4.85E+05	2.75E+03	-1.85E+03	-3.36E+03	-3.83E+03	-3.85E+03	-3.44E+03	-2.99E+03
1	467700	6590760	400	9	0.28	2	C3	Z	31	0	-5.96E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.23E+03	-3.42E+03	-2.08E+03
1	467700	6590760	400	9	0.28	2	C3	X	31	0	-1.26E+03	-1.26E+03	-1.18E+03	-1.06E+03	-4.12E+02	2.93E+02	5.96E+02	7.15E+02	7.28E+02	5.98E+02	3.81E+02
1	467700	6590760	400	9	0.28	2	C3	Y	31	0	2.93E+03	3.04E+03	3.12E+03	5.23E+03	2.03E+03	-1.73E+03	-2.84E+03	-3.14E+03	-3.20E+03	-2.97E+03	-2.63E+03
1	467700	6590740	400	9	0.28	2	C3	Z	31	0	-3.84E+03	-4.51E+03	-5.13E+03	-5.49E+03	-5.38E+03	-5.54E+03	-5.58E+03	-5.37E+03	-4.46E+03	-3.05E+03	-2.03E+03
1	467700	6590740	400	9	0.28	2	C3	X	31	0	-1.20E+03	-1.22E+03	-1.18E+03	-1.08E+03	-6.08E+02	-7.80E+01	3.03E+02	5.42E+02	6.16E+02	5.38E+02	3.79E+02
1	467700	6590740	400	9	0.28	2	C3	Y	31	0	5.77E+03	-5.96E+03	5.96E+03	5.34E+03	8.12E+02	-1.68E+03	-2.19E+03	-2.32E+03	-2.36E+03	-2.20E+03	-1.88E+03
1	467700	6590720	400	9	0.28	2	C3	Z	31	0	-1.70E+03	-2.34E+03	-3.07E+03	-3.81E+03	-4.36E+03	-4.86E+03	-4.81E+03	-4.39E+03	-3.54E+03	-2.52E+03	-1.78E+03
1	467700	6590720	400	9	0.28	2	C3	X	31	0	-1.99E+03	-1.92E+03	-1.78E+03	-1.54E+03	-6.11E+02	7.26E+01	4.53E+02	6.17E+02	6.84E+02	6.44E+02	5.49E+02
1	467700	6590720	400	9	0.28	2	C3	Y	31	0	5.27E+03	-3.29E+05	4.30E+03	3.50E+03	-3.32E+01	-1.31E+03	-1.33E+03	-1.23E+03	-1.16E+03	-1.09E+03	-9.74E+02
1	467700	6590700	400	9	0.28	2	C3	Z	31	0	-1.29E+03	-1.90E+03	-2.58E+03	-3.23E+03	-3.76E+03	-4.07E+03	-3.91E+03	-3.49E+03	-2.79E+03	-1.99E+03	-1.41E+03
1	467700	6590700	400	9	0.28	2	C3	X	31	0	-1.49E+03	-1.47E+03	-1.40E+03	-1.25E+03	-6.36E+02	-1.61E+02	2.09E+02	4.49E+02	5.51E+02	5.35E+02	4.52E+02
1	467700	6590700	400	9	0.28	2	C3	Y	31	0	3.89E+03	2.18E+05	3.15E+03	2.52E+03	-3.52E+02	-1.04E+03	-9.57E+02	-8.36E+02	-7.45E+02	-6.76E+02	-6.03E+02
1	467700	6590680	400	9	0.28	2	C3	Z	31	0	-1.38E+03	-1.92E+03	-2.49E+03	-3.02E+03	-3.31E+03	-3.43E+03	-3.20E+03	-2.81E+03	-2.19E+03	-1.53E+03	-1.08E+03
1	467700	6590680	400	9	0.28	2	C3	X	31	0	-6.87E+02	-7.71E+02	-8.31E+02	-8.45E+02	-6.83E+02	-4.25E+02	-5.86E+01	2.23E+02	3.90E+02	3.94E+02	3.13E+02
1	467700	6590680	400	9	0.28	2	C3	Y	31	0	3.29E+03	5.22E+05	2.72E+03	2.13E+03	-2.01E+02	-7.12E+02	-6.80E+02	-6.36E+02	-6.07E+02	-5.58E+02	-5.15E+02
1	467700	6590660	400	9	0.28	2	C3	Z	31	0	-1.49E+03	-2.04E+03	-2.55E+03	-3.00E+03	-3.12E+03	-3.02E+03	-2.70E+03	-2.28E+03	-1.71E+03	-1.16E+03	-7.97E+02
1	467700	6590660	400	9	0.28	2	C3	X	31	0	-1.21E+03	-1.24E+03	-1.23E+03	-1.16E+03	-7.09E+02	-3.81E+02	4.83E-01	2.94E+02	4.56E+02	4.68E+02	4.21E+02
1	467700	6590660	400	9	0.28	2	C3	Y	31	0	2.46E+03	2.26E+03	1.76E+03	1.16E+03	-4.00E+02	-6.68E+02	-5.68E+02	-4.62E+02	-3.88E+02	-3.37E+02	-3.00E+02
1	467700	6590640	400	9	0.28	2	C3	Z	31	0	-1.48E+03	-1.92E+03	-2.33E+03	-2.67E+03	-2.65E+03	-2.53E+03	-2.25E+03	-1.89E+03	-1.41E+03	-9.35E+02	-6.36E+02
1	467700	6590640	400	9	0.28	2	C3	X	31	0	-5.89E+02	-6.56E+02	-6.95E+02	-7.06E+02	-5.62E+02	-3.40E+02	-4.08E+01	1.70E+02	3.30E+02	3.60E+02	2.89E+02
1	467700	6590640	400	9	0.28	2	C3	Y	31	0	2.63E+03	5.62E+04	2.35E+03	1.87E+03	2.77E+02	-2.05E+02	-3.40E+02	-4.33E+02	-5.39E+02	-5.58E+02	-4.82E+02
1	467700	6590620	400	9	0.28	2	C3	Z	31	0	-4.92E+02	-8.80E+02	-1.26E+03	-1.61E+03	-1.91E+03	-1.98E+03	-1.85E+03	-1.66E+03	-1.36E+03	-1.01E+03	-7.38E+02
1	467700	6590620	400	9	0.28	2	C3	X	31	0	1.85E+02	2.99E+01	-1.01E+02	-2.19E+02	-3.58E+02	-2.32E+02	-5.54E+01	5.69E+01	1.19E+02	1.12E+02	7.32E+01
1	467700	6590620	400	9	0.28	2	C3	Y	31	0	2.51E+03	-2.72E+05	2.36E+03	1.95E+03	5.28E+02	6.30E+01	-1.13E+02	-2.72E+02	-4.33E+02	-4.95E+02	-4.60E+02
1	467700	6590600	400	9	0.28	2	C3	Z	31	0	4.47E+01	-3.52E+02	-7.25E+02	-1.05E+03	-1.53E+03	-1.58E+03	-1.48E+03	-1.36E+03	-1.17E+03	-9.24E+02	-7.11E+02
1	467700	6590600	400	9	0.28	2	C3	X	31	0	-3.56E+02	-3.84E+02	-3.96E+02	-3.81E+02	-2.41E+02	-8.24E+01	2.62E+01	9.48E+01	1.42E+02	1.44E+02	9.64E+01
1	467700	6590600	400	9	0.28	2	C3	Y	31	0	1.81E+03	-5.29E+05	1.39E+03	1.07E+03	7.76E+01	-1.07E+02	-1.31E+02	-1.83E+02	-2.37E+02	-2.65E+02	-2.49E+02
1	467700	6590580	400	9	0.28	2	C3	Z	31	0	-1.13E+02	-4.76E+02	-7.89E+02	-1.08E+03	-1.41E+03	-1.38E+03	-1.26E+03	-1.14E+03	-9.72E+02	-7.59E+02	-5.83E+02
1	467700	6590580	400	9	0.28	2	C3	X	31	0	-1.97E+02	-2.07E+02	-2.06E+02	-1.92E+02	-1.01E+02	-4.10E+01	1.07E+01	4.78E+01	7.11E+01	6.94E+01	6.12E+01
1	467700	6590580	400	9	0.28	2	C3	Y	31	0	1.12E+03	1.08E+05	8.29E+02	5.96E+02	-9.58E+00	-1.64E+02	-1.84E+02	-1.83E+02	-1.86E+02	-1.75E+02	-1.55E+02
1	467700	6590560	400	9	0.28	2	C3	Z	31	0	-3.03E+02	-5.83E+02	-8.34E+02	-1.04E+03	-1.23E+03	-1.19E+03	-1.09E+03	-9.90E+02	-8.36E+02	-6.47E+02	-4.88E+02
1	467700	6590560	400	9	0.28	2	C3	X	31	0	-1.34E+02	-1.24E+02	-1.31E+02	-1.17E+02	-6.94E+01	-4.88E+01	-2.38E+01	6.55E+00	2.50E+01	3.83E+01	3.66E+01
1	467700	6590560	400	9	0.28	2	C3	Y	31	0	8.59E+02	3.65E+04	6.43E+02	4.86E+02	1.55E+01	-1.22E+02	-1.48E+02	-1.54E+02	-1.53E+02	-1.44E+02	-1.17E+02
1	467700	6590540	400	9	0.28	2	C3	Z	31	0	-3.93E+02	-6.28E+02	-8.30E+02	-9.99E+02	-1.09E+03	-1.03E+03	-9.46E+02	-8.57E+02	-7.24E+02	-5.55E+02	-4.14E+02
1	467700	6590540	400	9	0.28	2	C3	X	31	0	-2.06E+01	-2.30E+01	-2.20E+01	-2.61E+01	-1.55E+00	-7.93E+00	5.77E-01	1.39E+01	2.20E+01	2.87E+01	1.95E+01
1	467700	6590540	400	9	0.28	2	C3	Y	31	0	6.35E+02	-1.73E+04	4.82E+02	3.27E+02	-2.00E+01	-1.35E+02	-1.37E+02	-1.28E+02	-1.17E+02	-9.97E+01	-7.59E+01
1	467700	6590520	400	9	0.28	2	C3	Z	31	0	-4.97E+02	-7.13E+02	-8.92E+02	-1.02E+03	-1.04E+03	-9.50E+02	-8.50E+02	-7.53E+02	-6.21E+02	-4.61E+02	-3.39E+02
1	467700	6590520	400	9	0.28	2	C3	X	31	0	4.65E+01	4.00E+01	2.64E+01	4.64E+00	-2.85E+01	-4.41E+01	-3.35E+01	-1.08E+01	-1.26E+00	-7.12E-01	1.57E+00
1	467700	6590520	400	9	0.28	2	C3	Y	31	0	5.46E+02	1.50E+05	4.26E+02	3.07E+02	9.17E+00	-8.68E+01	-9.63E+01	-1.02E+02	-8.21E+01	-7.23E+01	-5.83E+01

Ch12	Ch13	Ch14	Ch15	Ch16	Ch17	Ch18	Ch19	Ch20	Ch21	Ch22	Ch23	Ch24	Ch25	Ch26	Ch27	Ch28
-1.08E+03	-5.20E+02	-2.27E+02	-1.18E+02	-6.87E+01	-3.52E+01	-1.53E+01	-7.18E+00	-3.76E+00	-1.52E+00	-3.08E-01	3.30E-01	-7.57E-02	2.32E-01	1.36E-01	1.56E-01	1.30E-01
1.24E+03	8.72E+02	5.25E+02	2.87E+02	1.69E+02	8.48E+01	3.15E+01	1.54E+01	8.21E+00	4.86E+00	5.67E-01	1.25E+00	2.95E+00	-4.10E-01	1.16E+00	1.14E+00	4.74E-01
-2.48E+03	-1.66E+03	-9.49E+02	8.89E+04	-3.40E+02	-1.75E+02	-7.57E+01	-3.60E+01	-2.02E+01	-9.76E+00	-1.31E-01	-4.19E-01	-1.42E+00	-4.89E-01	-2.38E-01	-9.12E-01	-4.50E-01
-1.29E+03	-6.97E+02	-3.35E+02	-1.81E+02	-1.06E+02	-5.34E+01	-2.31E+01	-1.05E+01	-5.38E+00	-2.18E+00	-5.84E-01	-3.17E-01	-1.67E-01	-5.19E-02	-3.28E-04	3.17E-01	-6.28E-02
1.82E+02	3.25E+01	-3.24E+01	-3.65E+01	-3.02E+01	-1.97E+01	-9.41E+00	-4.42E+00	4.56E+00	-9.55E-02	3.84E-01	1.93E+00	-1.88E+00	-2.01E+00	-3.59E+00	-6.72E-01	-5.45E-02
-2.13E+03	-1.41E+03	-8.13E+02	-4.81E+02	-2.91E+02	-1.49E+02	-6.68E+01	-3.19E+01	-1.57E+01	-7.84E+00	-4.06E+00	-2.18E+00	-9.84E-02	1.12E+00	1.40E+00	9.37E-01	8.53E-02
-1.37E+03	-8.09E+02	-4.25E+02	-2.41E+02	-1.44E+02	-7.35E+01	-3.17E+01	-1.48E+01	-7.66E+00	-2.71E+00	-1.07E+00	-6.84E-01	-3.52E-01	2.07E-02	-3.98E-02	-4.37E-02	9.94E-02
2.19E+02	9.03E+01	1.05E+01	-7.47E+00	-1.02E+01	-7.27E+00	-5.36E+00	-4.14E+00	-4.06E+00	-6.15E-01	-1.98E+00	1.25E-01	-1.39E+00	-6.42E-01	1.09E+00	1.23E+00	1.02E+00
-1.52E+03	-1.06E+03	-6.32E+02	-3.82E+02	-2.36E+02	-1.24E+02	-5.46E+01	-2.47E+01	-1.41E+01	-4.63E+00	-2.97E-02	-3.28E-01	7.46E-01	8.51E-01	4.21E-01	-5.49E-01	-9.32E-01
-1.26E+03	-7.91E+02	-4.38E+02	-2.56E+02	-1.56E+02	-8.02E+01	-3.48E+01	-1.60E+01	-8.10E+00	-3.33E+00	-1.05E+00	-2.91E-01	-2.48E-01	2.20E-02	3.60E-02	2.72E-02	-8.56E-02
4.24E+02	2.60E+02	1.32E+02	7.06E+01	2.74E+01	2.01E+01	6.93E+00	4.44E+00	4.24E-01	1.99E+00	1.87E+00	4.01E-01	9.34E-01	-8.28E-02	5.36E-01	-5.68E-01	-1.10E+00
-8.16E+02	-5.94E+02	-3.72E+02	-2.30E+02	-1.39E+02	-7.74E+01	-3.41E+01	-1.81E+01	-8.68E+00	-5.04E+00	-2.65E+00	-1.41E+00	-5.26E-01	-2.78E-01	1.52E-01	1.55E+00	4.39E-01
-1.02E+03	-6.45E+02	-3.62E+02	-2.13E+02	-1.30E+02	-6.75E+01	-2.93E+01	-1.37E+01	-6.89E+00	-2.90E+00	-9.54E-01	-1.48E-01	3.50E-02	6.19E-02	3.20E-02	1.42E-01	-6.35E-02
3.43E+02	2.10E+02	1.09E+02	6.29E+01	4.12E+01	1.53E+01	6.56E+00	7.30E+00	1.52E+00	1.52E-01	2.77E+00	6.15E-01	-6.60E+00	-8.63E-01	1.06E+00	-6.78E-01	9.66E-01
-5.04E+02	-3.69E+02	-2.33E+02	-1.47E+02	-9.29E+01	-5.00E+01	-2.30E+01	-1.36E+01	-6.90E+00	-2.79E+00	-1.84E+00	3.07E-01	2.31E+00	3.03E+00	2.46E-01	1.24E+00	1.71E-01
-7.70E+02	-4.88E+02	-2.74E+02	-1.62E+02	-9.88E+01	-5.08E+01	-2.23E+01	-1.01E+01	-4.93E+00	-1.83E+00	-8.91E-01	-2.83E-01	9.71E-02	-2.02E-02	4.77E-02	2.66E-02	1.16E-01
2.24E+02	1.29E+02	5.38E+01	3.19E+01	2.37E+01	8.35E+00	3.39E+00	-1.37E+00	-3.72E-01	-1.24E+00	3.03E+00	3.78E+00	-1.36E-01	8.64E-01	3.03E+00	-1.01E-01	-6.34E-01
-4.06E+02	-2.91E+02	-1.76E+02	-1.12E+02	-7.55E+01	-3.92E+01	-1.95E+01	-9.57E+00	-3.85E+00	-2.07E+00	-2.08E+00	-2.90E+00	5.75E-01	-1.19E+00	-8.01E-01	5.83E-01	-3.33E-01
-5.64E+02	-3.55E+02	-1.99E+02	-1.17E+02	-7.14E+01	-3.67E+01	-1.56E+01	-6.98E+00	-3.43E+00	-1.17E+00	-1.65E-01	2.07E-03	1.29E-01	2.92E-01	-6.83E-02	1.15E-01	-1.90E-01
3.21E+02	2.19E+02	1.20E+02	6.84E+01	4.25E+01	2.02E+01	9.85E+00	6.67E+00	1.49E+00	-1.65E+00	-2.11E+00	-7.75E-01	-2.75E-01	1.72E-01	1.05E+00	-8.12E-01	-1.67E+00
-2.47E+02	-1.85E+02	-1.20E+02	-7.71E+01	-5.06E+01	-2.75E+01	-1.34E+01	-3.79E+00	-2.46E+00	-6.31E-01	-1.16E+00	1.11E+00	2.78E-01	-1.10E+00	7.67E-01	1.11E+00	1.41E-01
-4.44E+02	-2.76E+02	-1.53E+02	-8.93E+01	-5.41E+01	-2.75E+01	-1.16E+01	-4.65E+00	-2.39E+00	-6.28E-01	1.68E-01	1.64E-01	7.60E-02	5.13E-02	-1.37E-02	-2.78E-04	-9.86E-02
2.24E+02	1.39E+02	7.37E+01	3.97E+01	2.31E+01	1.81E+01	3.60E+00	2.69E+00	1.24E+00	1.68E+00	-1.53E+00	-3.02E+00	-2.39E+00	-5.23E+00	-1.38E-01	5.81E-02	-1.35E+00
-4.02E+02	-2.92E+02	-1.78E+02	-1.13E+02	-7.60E+01	-4.14E+01	-1.73E+01	-9.92E+00	-5.00E+00	-1.98E+00	-1.09E+00	5.50E-01	4.70E-02	2.30E+00	-7.79E-01	3.01E-01	8.47E-01
-5.45E+02	-3.54E+02	-2.04E+02	-1.22E+02	-7.53E+01	-3.95E+01	-1.73E+01	-7.90E+00	-4.18E+00	-1.45E+00	-5.95E-01	-1.68E-01	-1.36E-01	6.56E-02	1.08E-01	-1.96E-01	1.29E-01
4.23E+01	1.81E+01	2.62E+00	-4.29E+00	-4.62E+00	-3.04E+00	-4.76E+00	-1.67E+00	1.95E+00	9.44E-03	3.06E+00	6.98E-01	1.08E+00	2.67E+00	-8.33E-01	4.30E+00	-6.36E-01
-3.86E+02	-2.83E+02	-1.80E+02	-1.12E+02	-7.26E+01	-4.05E+01	-1.83E+01	-9.95E+00	-6.81E+00	-3.23E+00	-1.28E+00	-7.30E-01	-4.03E-01	-1.25E+00	-8.33E-02	-2.47E+00	8.81E-01
-5.42E+02	-3.65E+02	-2.16E+02	-1.32E+02	-8.17E+01	-4.44E+01	-2.00E+01	-9.81E+00	-4.88E+00	-2.25E+00	-3.90E-01	-2.85E-01	1.92E-01	-2.41E-01	-1.35E-01	-1.18E-01	-1.44E-01
6.63E+01	3.83E+01	1.97E+01	8.62E+00	9.65E+00	2.99E+00	-1.36E+00	2.06E+00	-4.98E+00	-1.23E+00	5.44E-01	5.43E-01	2.14E+00	-1.01E+00	-1.51E+00	-2.67E+00	2.16E+00
-2.19E+02	-1.62E+02	-1.10E+02	-6.82E+01	-4.81E+01	-2.61E+01	-1.30E+01	-8.48E+00	-1.99E+00	-5.23E+00	2.20E-01	-1.78E+00	-9.85E-01	1.26E+00	1.46E+00	-4.35E-02	-1.87E+00
-4.44E+02	-2.98E+02	-1.77E+02	-1.08E+02	-6.78E+01	-3.59E+01	-1.58E+01	-7.53E+00	-3.93E+00	-1.38E+00	-7.55E-01	3.31E-02	-7.46E-02	-2.21E-01	-3.45E-01	-1.28E-01	-1.95E-03
3.96E+01	2.58E+01	1.30E+01	6.48E+00	1.97E+00	2.27E+00	2.94E-01	-1.28E-01	3.23E+00	-5.22E-02	-1.01E-01	-1.00E+00	-4.01E-02	6.38E-01	7.62E-01	1.77E+00	1.06E+00
-1.26E+02	-9.44E+01	-5.87E+01	-3.62E+01	-2.51E+01	-1.57E+01	-6.97E+00	-3.55E+00	-3.47E+00	-1.22E-01	-4.24E-01	9.67E-01	-3.46E-01	1.45E-01	-2.39E-01	-8.32E-01	-1.48E-01
-3.66E+02	-2.43E+02	-1.42E+02	-8.55E+01	-5.32E+01	-2.81E+01	-1.14E+01	-5.74E+00	-3.04E+00	-1.63E+00	-5.28E-01	-1.97E-01	-3.75E-01	3.15E-01	-2.52E-01	3.26E-01	-2.80E-01
2.28E+01	1.16E+01	7.63E+00	3.70E+00	2.64E+00	1.27E+01	2.26E+00	4.23E+00	2.00E+00	2.20E+00	-1.47E+00	-9.47E-02	-8.08E-01	7.27E-01	-6.27E-01	1.16E-01	-4.46E-01
-9.28E+01	-6.56E+01	-4.42E+01	-2.87E+01	-1.74E+01	-1.46E+01	-4.50E+00	-4.08E+00	-4.22E+00	2.09E-01	5.74E-01	-1.01E+00	-5.97E-01	1.41E-01	-5.44E-01	2.13E-01	1.62E-01
-3.10E+02	-2.03E+02	-1.17E+02	-7.02E+01	-4.26E+01	-2.20E+01	-9.29E+00	-4.33E+00	-1.96E+00	-4.94E-01	2.81E-02	1.78E-01	5.46E-02	-1.67E-01	3.46E-01	4.87E-02	-2.04E-01
1.62E+01	1.02E+01	4.02E+00	5.00E+00	3.35E+00	4.21E+00	-9.63E-01	1.47E+00	-1.90E+00	1.68E+00	2.92E-01	3.83E-02	1.42E+00	-5.16E-01	1.03E+00	7.12E-01	-4.91E-01
-5.88E+01	-4.37E+01	-2.80E+01	-2.09E+01	-1.14E+01	-7.57E+00	-2.28E+00	-3.87E+00	2.81E+00	-4.76E-01	2.47E-01	-8.09E-02	-6.45E-01	-4.11E-01	-1.35E-01	-2.15E-01	5.63E-01
-2.49E+02	-1.59E+02	-9.03E+01	-5.28E+01	-3.21E+01	-1.60E+01	-6.78E+00	-2.46E+00	-1.37E+00	-4.43E-01	-1.95E-01	-1.72E-01	9.29E-02	-1.39E-01	7.90E-02	-3.25E-02	-1.51E-02
6.43E+00	2.43E+00	-3.63E+00	-8.07E-01	-4.11E-01	-5.46E-01	7.15E+00	7.70E-01	2.04E+00	2.65E-01	-6.82E-01	-4.48E-01	1.18E-01	-3.40E-01	2.11E-01	1.79E+00	1.98E+00
-5.14E+01	-3.53E+01	-2.27E+01	-1.42E+01	-9.47E+00	-5.60E+00	-6.35E+00	-2.29E+00	-2.14E+00	-7.84E-02	3.18E-01	-4.39E-01	2.72E-02	1.23E-01	-1.08E-01	-2.02E+00	-1.55E+00

Ch29	Ch30	Ch31	Ch32	Ch33	Ch34	Ch35	Ch36	Ch37	Ch38	Ch39	Ch40	Ch41	Ch42	Ch43	Ch44	Ch45	Ch46	Ch47	Ch48	Ch49	Ch50
2.55E-01	2.68E-01	1.96E-01																			
2.15E-01	6.64E-01	-2.14E+00																			
-8.51E-01	2.10E-01	1.44E+00																			
-4.60E-02	1.57E-01	-3.44E-02																			
3.43E-01	-7.06E-01	1.39E+00																			
-5.00E-01	5.64E-02	-7.81E-01																			
-1.60E-01	-4.43E-02	6.64E-02																			
7.24E-01	-1.66E+00	3.39E-01																			
-1.16E+00	5.23E-01	2.01E-01																			
9.70E-02	-2.63E-01	-3.23E-03																			
3.09E-01	7.07E-01	9.45E-01																			
1.63E+00	-7.27E-01	-9.11E-01																			
-1.51E-01	-2.36E-01	-1.68E-01																			
1.84E+00	2.42E-01	1.34E-01																			
2.96E-01	3.09E-01	-4.39E-02																			
1.18E-01	1.95E-02	-4.45E-02																			
-4.53E-01	-1.14E+00	6.73E-01																			
-1.07E-01	1.19E+00	9.20E-02																			
8.52E-02	3.85E-02	5.50E-02																			
-6.26E-01	-3.98E-01	7.30E-01																			
1.72E+00	1.10E+00	-1.26E-01																			
1.16E-01	-9.77E-02	5.62E-02																			
-2.42E+00	9.02E-01	1.18E+00																			
2.01E+00	-3.62E-01	-3.48E-01																			
1.55E-01	-7.03E-02	-1.55E-01																			
-8.52E-01	1.07E-01	1.29E-03																			
-6.68E-01	-8.41E-02	4.73E-01																			
-2.21E-01	-5.95E-02	2.04E-02																			
9.47E-01	5.14E-01	-5.89E-01																			
-1.07E+00	9.10E-01	-1.07E-02																			
-6.74E-02	-1.87E-01	1.45E-02																			
5.76E-01	-5.01E-01	-4.03E-02																			
-4.66E-01	5.74E-03	2.69E-01																			
-2.11E-02	-8.82E-02	6.87E-02																			
1.06E+00	-4.24E-01	4.94E-01																			
-5.00E-01	2.43E-01	-4.16E-02																			
1.65E-01	8.71E-02	7.97E-03																			
-4.80E-01	1.96E+00	1.25E+00																			
4.25E-01	-9.27E-01	-4.21E-01																			
-8.91E-02	-9.03E-02	-7.09E-02																			
-1.43E+00	1.35E+00	1.25E+00																			
1.21E+00	-4.49E-01	-3.06E-02																			

LOOP	EAST	NORTH	LSIDE	CUR	RMP	G	F	C	NCH	VPRI	Ch1	Ch2	Ch3	Ch4	Ch5	Ch6	Ch7	Ch8	Ch9	Ch10	Ch11
1	467700	6590500	400	9	0.28	2	C3	Z	31	0	-5.88E+02	-7.91E+02	-9.41E+02	-1.05E+03	-9.91E+02	-8.66E+02	-7.52E+02	-6.54E+02	-5.23E+02	-3.76E+02	-2.72E+02
1	467700	6590500	400	9	0.28	2	C3	X	31	0	9.11E+00	1.02E+01	2.08E+00	-1.19E+01	-2.83E+01	-4.59E+01	-3.74E+01	-2.47E+01	-9.52E+00	1.45E+01	4.50E+00
1	467700	6590500	400	9	0.28	2	C3	Y	31	0	5.15E+02	-7.77E+06	4.30E+02	-8.94E+05	5.27E+01	-3.70E+01	-5.95E+01	-6.18E+01	-5.97E+01	-6.11E+01	-8.97E+01
1	467700	6590480	400	9	0.28	2	C3	Z	31	0	-6.52E+02	-8.31E+02	-9.75E+02	-1.07E+03	-9.56E+02	-7.94E+02	-6.75E+02	-5.77E+02	-4.54E+02	-3.25E+02	-2.28E+02
1	467700	6590480	400	9	0.28	2	C3	X	31	0	3.81E+01	3.61E+01	2.86E+01	1.60E+01	-2.19E+01	-5.41E+01	-5.30E+01	-4.19E+01	-2.39E+01	-1.62E+01	1.47E+01
1	467700	6590480	400	9	0.28	2	C3	Y	31	0	5.35E+02	-2.98E+05	4.72E+02	3.68E+02	5.78E+01	-6.14E+01	-8.74E+01	-9.37E+01	-9.15E+01	-6.40E+01	-5.72E+01
1	467500	6591060	400	9	0.28	2	C3	Z	31	0	4.43E+02	1.02E+01	1.18E+00	-2.00E+00	-1.93E+00	1.23E-02	2.09E+01	5.12E+03	5.96E+03	5.54E+03	3.68E+03
1	467500	6591060	400	9	0.28	2	C3	X	31	0	-1.52E-01	2.91E+03	5.93E+03	2.86E+03	-5.74E+03	-5.95E+03	-5.13E+03	-3.55E+03	-2.52E+03	-1.72E+03	-1.16E+03
1	467500	6591060	400	9	0.28	2	C3	Y	31	0	-5.44E+03	-5.82E+03	-5.80E+03	-3.43E+03	4.72E+03	5.93E+03	4.88E+03	3.35E+03	1.66E+03	7.53E+02	4.12E+02
1	467500	6591040	400	9	0.28	2	C3	Z	31	0	4.95E+02	8.51E+00	6.67E-01	-3.03E+00	-2.37E+00	1.81E-01	5.29E+00	4.66E+03	5.96E+03	5.57E+03	3.72E+03
1	467500	6591040	400	9	0.28	2	C3	X	31	0	4.20E+00	2.00E+03	5.95E+03	3.61E+03	-5.60E+03	-5.96E+03	-4.64E+03	-3.07E+03	-2.12E+03	-1.56E+03	-1.13E+03
1	467500	6591040	400	9	0.28	2	C3	Y	31	0	-5.81E+03	-5.06E+03	-3.67E+03	-1.30E+03	3.42E+03	4.55E+03	3.51E+03	2.08E+03	9.74E+02	4.08E+02	1.96E+02
1	467500	6591020	400	9	0.28	2	C3	Z	31	0	6.14E+02	8.86E+00	2.80E-01	-3.05E+00	-2.41E+00	1.42E-01	2.67E+00	3.58E+03	5.96E+03	5.63E+03	3.81E+03
1	467500	6591020	400	9	0.28	2	C3	X	31	0	-1.24E+01	2.99E+03	5.95E+03	3.12E+03	-5.56E+03	-5.91E+03	-4.29E+03	-2.84E+03	-1.96E+03	-1.45E+03	-1.13E+03
1	467500	6591020	400	9	0.28	2	C3	Y	31	0	-1.89E+03	-1.36E+03	-1.04E+02	8.66E+02	2.03E+03	2.51E+03	1.28E+03	5.69E+02	2.46E+02	1.20E+02	4.88E+01
1	467500	6591000	400	9	0.28	2	C3	Z	31	0	5.21E+02	8.97E+00	-2.10E-01	-3.26E+00	-2.61E+00	1.05E-01	2.66E+00	3.20E+03	5.96E+03	5.69E+03	3.89E+03
1	467500	6591000	400	9	0.28	2	C3	X	31	0	1.93E+02	4.40E+03	5.60E+03	2.62E+03	-5.58E+03	-5.82E+03	-4.10E+03	-2.79E+03	-1.95E+03	-1.44E+03	-1.14E+03
1	467500	6591000	400	9	0.28	2	C3	Y	31	0	5.96E+03	5.96E+03	5.29E+03	3.54E+03	-3.04E+03	-4.72E+03	-3.98E+03	-2.91E+03	-1.36E+03	-4.97E+02	-2.49E+02
1	467500	6590980	400	9	0.28	2	C3	Z	31	0	1.94E+02	7.68E+00	-7.37E-01	-5.42E+00	-5.18E+00	7.71E-01	7.16E+00	4.57E+03	5.96E+03	5.62E+03	3.82E+03
1	467500	6590980	400	9	0.28	2	C3	X	31	0	1.85E+03	5.73E+03	5.31E+03	2.81E+03	-5.12E+03	-4.52E+03	-2.95E+03	-2.20E+03	-1.70E+03	-1.34E+03	-1.07E+03
1	467500	6590980	400	9	0.28	2	C3	Y	31	0	2.70E+01	6.52E+02	3.46E+03	5.26E+03	-5.03E+03	-3.04E+03	-5.45E+03	-5.15E+03	-3.06E+03	-1.38E+03	-7.39E+02
1	467500	6590960	400	9	0.28	2	C3	Z	31	0	-9.26E+00	3.53E+00	2.30E-01	-5.41E+00	-3.90E+00	-5.37E-01	8.36E+02	5.96E+03	5.96E+03	5.43E+03	3.63E+03
1	467500	6590960	400	9	0.28	2	C3	X	31	0	2.18E+02	4.20E+03	5.96E+03	3.67E+03	-5.14E+03	-5.41E+03	-3.74E+03	-2.73E+03	-1.99E+03	-1.47E+03	-1.18E+03
1	467500	6590960	400	9	0.28	2	C3	Y	31	0	-1.08E+00	9.17E+02	4.48E+03	3.58E+03	-4.06E+03	-2.69E+03	-5.36E+03	-5.19E+03	-3.14E+03	-1.46E+03	-8.17E+02
1	467500	6590940	400	9	0.28	2	C3	Z	31	0	-2.48E+01	2.33E+00	-2.58E-01	-4.32E+00	-2.67E+00	-1.42E+00	1.54E+03	5.96E+03	5.96E+03	5.45E+03	3.66E+03
1	467500	6590940	400	9	0.28	2	C3	X	31	0	2.99E+02	4.44E+03	5.81E+03	3.16E+03	-5.30E+03	-5.85E+03	-4.42E+03	-3.22E+03	-2.27E+03	-1.62E+03	-1.27E+03
1	467500	6590940	400	9	0.28	2	C3	Y	31	0	-2.94E+01	5.66E+02	4.47E+03	9.28E+02	-2.55E+03	-1.11E+03	-4.47E+03	-5.46E+03	-3.40E+03	-1.78E+03	-1.06E+03
1	467500	6590920	400	9	0.28	2	C3	Z	31	0	-5.19E+00	3.54E-01	-1.35E+00	-3.47E+00	-2.92E+00	-1.01E+00	3.16E+03	5.96E+03	5.96E+03	5.43E+03	3.67E+03
1	467500	6590920	400	9	0.28	2	C3	X	31	0	5.96E+03	5.96E+03	5.74E+03	4.34E+03	-6.81E+02	-4.07E+03	-3.63E+03	-2.95E+03	-2.22E+03	-1.61E+03	-1.27E+03
1	467500	6590920	400	9	0.28	2	C3	Y	31	0	6.25E+00	6.34E+02	4.30E+03	-4.59E+03	-2.30E+03	-1.43E+01	-2.76E+03	-5.86E+03	-4.17E+03	-2.54E+03	-1.52E+03
1	467500	6590900	400	9	0.28	2	C3	Z	31	0	3.65E+00	-2.29E+00	-2.26E-01	1.24E+00	3.21E+03	5.93E+03	5.96E+03	5.96E+03	5.96E+03	5.16E+03	3.46E+03
1	467500	6590900	400	9	0.28	2	C3	X	31	0	-1.19E+01	-1.17E-02	5.56E+00	1.23E+03	-6.38E+02	-4.49E+03	-4.07E+03	-3.27E+03	-2.42E+03	-1.73E+03	-1.33E+03
1	467500	6590900	400	9	0.28	2	C3	Y	31	0	7.88E+02	-1.96E+03	-5.57E+03	-9.18E+02	-9.26E+02	-5.77E+00	-2.58E+03	-5.71E+03	-4.50E+03	-2.91E+03	-1.84E+03
1	467500	6590880	400	9	0.28	2	C3	Z	31	0	-9.10E-01	1.08E+00	-1.96E+00	-3.17E+00	-3.64E+03	4.94E+03	5.96E+03	5.96E+03	5.94E+03	4.92E+03	3.28E+03
1	467500	6590880	400	9	0.28	2	C3	X	31	0	5.96E+03	5.88E+03	5.96E+03	5.96E+03	2.40E+03	-3.06E+03	-3.46E+03	-2.96E+03	-2.29E+03	-1.67E+03	-1.30E+03
1	467500	6590880	400	9	0.28	2	C3	Y	31	0	4.50E+00	1.75E+03	2.29E+03	-5.85E+03	-1.46E+03	-3.24E+01	-2.73E+03	-5.60E+03	-4.87E+03	-3.32E+03	-2.28E+03
1	467500	6590860	400	9	0.28	2	C3	Z	31	0	1.31E+01	1.28E+00	1.28E-01	-3.82E+00	-8.36E+02	-3.82E+03	4.41E+03	5.95E+03	5.71E+03	4.32E+03	2.88E+03
1	467500	6590860	400	9	0.28	2	C3	X	31	0	7.14E+00	9.87E+02	4.82E+03	5.15E+03	-5.30E+03	-5.93E+03	-5.02E+03	-3.93E+03	-2.82E+03	-1.95E+03	-1.47E+03
1	467500	6590860	400	9	0.28	2	C3	Y	31	0	5.71E+00	9.71E+02	4.99E+03	-2.95E+03	-2.40E+03	-5.18E+02	-3.52E+03	-5.96E+03	-4.61E+03	-3.21E+03	-2.16E+03
1	467500	6590820	400	9	0.28	2	C3	Z	31	0	-1.05E+02	-1.02E+00	2.23E+00	-2.86E+00	-3.98E+02	-4.76E+03	3.62E+03	5.91E+03	5.74E+03	4.41E+03	2.96E+03
1	467500	6590820	400	9	0.28	2	C3	X	31	0	1.63E+03	3.32E+03	5.88E+03	5.59E+03	-1.63E+03	-4.24E+03	-3.94E+03	-3.33E+03	-2.54E+03	-1.82E+03	-1.40E+03
1	467500	6590820	400	9	0.28	2	C3	Y	31	0	-9.58E-01	2.00E+01	1.89E+03	4.17E+03	-4.41E+03	-3.01E+03	-4.74E+03	-5.96E+03	-4.97E+03	-3.61E+03	-2.69E+03

Ch12	Ch13	Ch14	Ch15	Ch16	Ch17	Ch18	Ch19	Ch20	Ch21	Ch22	Ch23	Ch24	Ch25	Ch26	Ch27	Ch28
-1.95E+02	-1.23E+02	-6.81E+01	-3.90E+01	-2.24E+01	-1.07E+01	-3.79E+00	-1.64E+00	-4.02E-01	-6.30E-02	-9.01E-02	5.38E-01	2.99E-01	3.56E-02	9.10E-02	4.31E-02	-1.98E-02
8.71E+00	2.04E+00	1.96E+00	4.79E+00	-1.15E-01	-1.13E-01	4.89E+00	1.51E+00	-4.28E-01	-3.45E-01	1.06E+00	3.69E+00	5.80E-01	-1.22E+00	-2.20E-01	-3.00E-01	-8.60E-01
-3.73E+01	-2.56E+01	-1.70E+01	-1.04E+01	-8.11E+00	-4.33E+00	-7.60E+00	-1.17E+00	-9.51E-01	-1.01E+00	-3.73E-01	-8.12E-03	6.07E-01	-1.32E-01	1.22E+00	3.86E-01	-1.62E-01
-1.63E+02	-1.00E+02	-5.26E+01	-2.77E+01	-1.75E+01	-7.17E+00	-2.03E+00	-1.40E-01	4.79E-01	2.86E-01	1.27E-01	1.37E-01	-1.65E-01	1.39E-01	1.66E-03	8.83E-02	-6.31E-02
2.00E+01	3.00E+00	2.56E+00	2.99E+00	5.57E+00	2.49E+00	1.84E+00	3.10E+00	3.48E+00	3.45E+00	1.74E+00	-2.98E+00	-1.75E+00	2.62E+00	3.64E-01	1.40E-01	-6.94E-01
-5.42E+01	-3.45E+01	-2.32E+01	-1.66E+01	-1.13E+01	-6.50E+00	-4.00E+00	-2.43E+00	-1.64E+00	-1.90E-01	-1.52E+00	2.37E+00	2.55E-01	-4.53E-02	-5.31E-01	-1.09E+00	-5.39E-01
2.43E+03	1.43E+03	7.54E+02	4.25E+02	2.52E+02	1.27E+02	5.40E+01	2.53E+01	1.28E+01	5.37E+00	1.77E+00	5.25E-01	1.65E-01	7.50E-03	-2.39E-01	-1.23E-01	-1.34E-01
-8.39E+02	-5.37E+02	-3.02E+02	-1.74E+02	-1.02E+02	-4.93E+01	-1.95E+01	-9.69E+00	-8.98E+00	-2.27E+00	-5.18E+00	-1.43E-03	8.29E-01	-7.34E+00	-1.17E+00	-5.81E-01	-2.66E-01
2.39E+02	1.12E+02	3.37E+01	5.35E+00	-5.19E+00	-9.90E+00	-8.09E+00	-6.74E+00	-4.98E+00	-1.65E+00	-1.34E+00	4.09E-01	-1.88E-01	9.85E-01	8.19E-01	2.61E-01	-3.91E-01
2.45E+03	1.44E+03	7.59E+02	4.29E+02	2.55E+02	1.29E+02	5.57E+01	2.64E+01	1.33E+01	5.92E+00	1.96E+00	8.40E-01	2.86E-01	7.24E-02	2.69E-02	3.00E-02	-8.02E-02
-8.25E+02	-5.30E+02	-3.01E+02	-1.79E+02	-1.13E+02	-5.14E+01	-2.17E+01	-9.13E+00	-5.47E+00	-3.23E+00	-1.47E+00	1.02E+01	5.27E+00	1.37E+00	1.37E+00	1.87E+00	1.50E+00
9.29E+01	1.79E+01	-1.86E+01	-5.82E+04	-2.78E+01	-2.05E+01	-1.08E+01	-7.95E+00	-3.62E+00	-2.40E+00	-5.13E-01	-3.68E+00	-5.06E+00	9.06E-01	9.89E-02	-5.27E-01	-5.70E-01
2.49E+03	1.46E+03	7.60E+02	4.27E+02	2.52E+02	1.27E+02	5.48E+01	2.61E+01	1.32E+01	5.76E+00	1.88E+00	6.34E-01	2.30E-01	2.29E-01	-1.22E-01	-1.35E-01	-4.92E-02
-8.27E+02	-5.36E+02	-3.01E+02	-1.99E+02	-1.09E+02	-5.16E+01	-2.19E+01	-9.85E+00	-7.27E+00	3.39E+00	-9.93E-01	1.18E+00	-1.88E+00	2.53E+00	-3.59E-01	2.54E-01	2.56E+00
2.12E+00	-3.52E+01	-5.48E+01	-4.57E+01	-4.03E+01	-3.38E+01	-1.74E+01	-1.16E+01	-6.96E+00	-4.99E+00	-1.68E+00	-1.26E+00	-1.84E+00	-1.43E+00	-3.73E-01	-1.22E+00	-2.52E-01
2.53E+03	1.47E+03	7.57E+02	4.19E+02	2.45E+02	1.21E+02	5.05E+01	2.35E+01	1.19E+01	4.78E+00	1.48E+00	6.10E-01	2.18E-01	2.14E-01	-5.21E-02	-1.45E-01	-2.87E-01
-8.43E+02	-5.47E+02	-3.11E+02	-1.82E+02	-1.13E+02	-5.37E+01	-2.60E+01	9.90E-01	7.45E+00	-8.06E-01	-1.28E+00	-2.38E+00	5.81E-01	1.15E+00	2.41E+00	9.98E-01	7.24E-01
-1.67E+02	-1.22E+02	-9.62E+01	-7.09E+01	-5.23E+01	-3.49E+01	-1.90E+01	-1.73E+01	-1.25E+01	-4.80E+00	-1.73E+00	-4.14E-03	-3.80E-02	-7.33E-01	-1.70E+00	-6.81E-02	-2.90E-01
2.50E+03	1.45E+03	7.46E+02	4.10E+02	2.38E+02	1.16E+02	4.74E+01	2.18E+01	1.08E+01	4.60E+00	1.46E+00	4.95E-01	7.44E-02	-3.57E-02	-1.17E-01	-7.20E-02	-1.39E-01
-7.86E+02	-5.11E+02	-2.72E+02	-1.71E+02	-1.01E+02	-5.25E+01	-1.65E+01	-8.46E+00	6.05E+00	-3.99E+00	-1.38E+00	-6.34E+00	2.25E+00	2.60E+00	-1.69E+00	8.37E-01	-2.21E-01
-4.87E+02	-3.04E+02	-1.84E+02	-1.22E+02	-8.05E+01	-4.87E+01	-2.65E+01	-1.65E+01	-1.65E+01	-4.73E+00	-1.22E+00	2.35E+00	9.02E-01	-5.03E-01	1.75E-02	1.21E+00	1.17E+00
2.40E+03	1.40E+03	7.16E+02	3.92E+02	2.25E+02	1.09E+02	4.40E+01	1.97E+01	9.87E+00	3.83E+00	1.27E+00	4.36E-01	-2.19E-02	1.11E-01	-2.38E-01	-6.44E-02	-5.03E-02
-8.87E+02	-5.66E+02	-3.19E+02	-1.88E+02	-1.13E+02	-5.71E+01	-2.72E+01	-1.06E+01	-7.09E+00	-8.20E+00	1.34E+00	4.47E+00	-2.27E+00	3.04E-01	-3.85E-02	5.65E-01	1.17E+00
-5.28E+02	-3.24E+02	-1.84E+02	-1.16E+02	-7.54E+01	-4.44E+01	-2.10E+01	-1.19E+01	-6.26E+00	-2.21E+00	-1.80E+00	-1.47E+00	2.78E-01	1.45E-01	-4.39E-01	3.78E-01	-5.41E-01
2.43E+03	1.42E+03	7.29E+02	4.00E+02	2.32E+02	1.14E+02	4.65E+01	2.14E+01	1.07E+01	4.52E+00	1.58E+00	6.70E-01	-1.86E-02	-6.33E-02	-3.11E-02	-4.48E-02	2.45E-03
-9.88E+02	-6.25E+02	-3.54E+02	-2.10E+02	-1.24E+02	-6.59E+01	-3.44E+01	-1.16E+01	-8.35E+00	-8.13E-01	-1.60E+00	-3.78E-01	-3.86E+00	1.30E+00	-2.52E+00	-3.75E-03	1.65E+00
-6.76E+02	-4.09E+02	-2.30E+02	1.92E+04	-9.08E+01	-4.91E+01	-2.15E+01	-1.12E+01	-6.15E+00	-3.26E+00	9.48E-01	-4.21E-01	5.58E-01	-7.73E-01	4.27E-01	1.97E-01	-1.72E+00
2.44E+03	1.43E+03	7.36E+02	4.05E+02	2.35E+02	1.15E+02	4.79E+01	2.19E+01	1.09E+01	4.54E+00	1.66E+00	5.00E-01	-6.88E-02	4.27E-02	-1.38E-01	4.78E-02	-2.97E-02
-1.00E+03	-6.33E+02	-3.48E+02	-2.03E+02	-1.22E+02	-6.19E+01	-2.77E+01	-1.37E+01	-4.00E+00	-1.66E+00	-7.07E-01	-1.05E+00	-3.06E-01	-1.06E-01	4.29E-01	-1.74E+00	-4.18E-01
-1.01E+03	-6.13E+02	-3.40E+02	-2.02E+02	-1.25E+02	-6.77E+01	-2.91E+01	-1.45E+01	-8.32E+00	-3.37E+00	-1.64E+00	-6.83E-01	-1.01E+00	2.57E-01	-9.47E-01	3.43E-01	4.15E-02
2.31E+03	1.36E+03	6.96E+02	3.83E+02	2.21E+02	1.09E+02	4.52E+01	2.13E+01	1.10E+01	4.75E+00	1.63E+00	9.66E-01	4.12E-01	2.15E-01	2.41E-01	1.01E-01	3.20E-02
-1.05E+03	-6.88E+02	-3.80E+02	-2.17E+02	-1.33E+02	-6.10E+01	-3.46E+01	-1.54E+01	-2.07E+01	-7.97E+00	-5.12E+00	-3.98E+00	-2.28E-01	5.40E-02	1.86E+00	3.65E+00	1.51E+00
-1.23E+03	-7.33E+02	-4.02E+02	-2.37E+02	-1.42E+02	-7.52E+01	-3.28E+01	-1.59E+01	-7.20E+00	-1.25E+00	-1.15E+00	2.47E-01	-9.26E-02	-5.03E-02	-3.59E-01	-2.42E+00	-7.87E-01
2.20E+03	1.29E+03	6.63E+02	3.64E+02	2.11E+02	1.04E+02	4.30E+01	2.02E+01	1.03E+01	4.40E+00	1.62E+00	1.01E+00	4.57E-01	1.92E-01	-2.17E-01	-2.60E-01	1.88E-02
-1.03E+03	-6.50E+02	-3.65E+02	-2.01E+02	-1.25E+02	-6.21E+01	-2.68E+01	-1.05E+01	-1.00E+01	-5.00E+00	-1.93E+00	8.12E-01	3.12E-01	3.45E-01	-1.88E+00	2.14E-01	-2.31E-01
-1.53E+03	-9.20E+02	-4.92E+02	-2.86E+02	-1.74E+02	-9.16E+01	-3.89E+01	-2.20E+01	-8.61E+00	-2.79E+00	2.11E-01	-6.34E-01	-5.54E-01	-1.29E+00	7.93E-01	-4.24E-01	-1.25E+00
1.94E+03	1.14E+03	5.80E+02	3.17E+02	1.83E+02	8.95E+01	3.74E+01	1.77E+01	8.80E+00	4.20E+00	1.50E+00	6.98E-01	9.58E-02	2.64E-01	7.37E-02	-4.90E-02	-2.10E-01
-1.18E+03	-7.79E+02	-4.13E+02	-2.32E+02	-1.45E+02	-8.25E+01	-3.28E+01	-1.99E+01	-1.23E+01	-1.26E+01	-3.27E+00	9.34E-01	2.74E+00	3.06E+00	-8.26E-01	9.32E-02	2.85E+00
-1.45E+03	-8.66E+02	-4.71E+02	-2.68E+02	-1.63E+02	-8.30E+01	-3.59E+01	-1.55E+01	-8.77E+00	2.40E-03	-1.04E+00	-7.99E-01	-8.92E-01	-4.48E-01	-3.57E-01	-7.13E-02	-3.65E-01
2.00E+03	1.18E+03	6.05E+02	3.34E+02	1.95E+02	9.69E+01	4.16E+01	2.00E+01	1.03E+01	4.71E+00	1.87E+00	9.64E-01	4.91E-01	1.34E-01	-4.38E-02	-1.79E-01	6.77E-03
-1.11E+03	-7.06E+02	-3.77E+02	-2.17E+02	-1.30E+02	-6.73E+01	-2.02E+01	-1.13E+01	-4.21E+00	-5.03E-01	-1.71E-01	6.09E+00	-1.58E+00	-5.07E+00	2.06E-01	4.78E-01	-4.28E+00
-1.82E+03	-1.09E+03	-5.81E+02	-3.31E+02	-1.97E+02	-1.02E+02	-4.93E+01	-2.33E+01	-1.22E+01	-4.92E+00	-1.93E+00	-1.85E+00	-5.84E-01	4.46E-01	-9.93E-01	4.40E-01	2.43E+00

Ch29	Ch30	Ch31	Ch32	Ch33	Ch34	Ch35	Ch36	Ch37	Ch38	Ch39	Ch40	Ch41	Ch42	Ch43	Ch44	Ch45	Ch46	Ch47	Ch48	Ch49	Ch50
-7.65E-02	-1.32E-01	-5.88E-02																			
-1.65E+00	-5.96E-01	2.21E-01																			
8.25E-01	9.67E-01	2.78E-01																			
1.77E-01	-7.34E-02	2.60E-02																			
1.15E+00	-1.22E+00	7.61E-01																			
-6.35E-01	-7.11E-01	-6.75E-01																			
-1.79E-01	-7.09E-02	-9.62E-02																			
2.17E+00	2.67E+00	-5.04E-01																			
-2.35E-01	-1.26E+00	-4.35E-01																			
9.56E-03	-4.01E-02	1.47E-02																			
6.44E+00	2.16E-01	1.93E+00																			
-2.70E-01	-9.48E-01	-1.70E+00																			
-6.29E-02	-5.15E-02	7.47E-02																			
4.56E-02	2.15E+00	1.32E+00																			
-5.68E-01	3.00E-01	-9.28E-01																			
-1.51E-02	-3.02E-02	-9.82E-02																			
2.88E-01	3.34E+00	-5.92E-01																			
-9.30E-01	-7.62E-01	6.60E-02																			
-3.32E-02	-5.67E-02	5.86E-02																			
-4.62E-01	1.65E-01	1.32E+00																			
1.70E+00	7.05E-01	-3.06E-01																			
4.27E-02	-7.07E-02	1.64E-02																			
-1.26E+00	1.60E+00	-1.33E-01																			
5.67E-01	-1.19E+00	-2.82E-01																			
5.82E-02	-3.31E-02	1.05E-01																			
-6.70E-01	1.14E+00	1.47E+00																			
-3.22E-01	-5.52E-02	-6.71E-01																			
-4.86E-02	-6.09E-02	1.85E-02																			
1.64E-01	-1.79E+00	-2.06E-01																			
-7.37E-01	1.34E+00	5.93E-01																			
3.66E-02	8.31E-02	1.27E-01																			
-5.84E-01	-1.30E+00	1.54E-01																			
-5.64E-02	1.17E+00	3.05E-01																			
-2.80E-02	-1.09E-01	-5.70E-02																			
1.35E+00	-5.84E-01	-2.26E+00																			
-9.65E-01	-3.01E+00	9.79E-01																			
-9.50E-02	-5.71E-02	-1.69E-01																			
1.57E+00	-5.78E-01	7.14E-01																			
1.73E-01	3.92E-01	6.34E-02																			
-2.64E-02	6.72E-02	3.77E-02																			
2.89E+00	1.12E+00	3.06E+00																			
1.51E-01	4.60E-01	-9.04E-01																			

LOOP	EAST	NORTH	LSIDE	CUR	RMP	G	F	C	NCH	VPRI	Ch1	Ch2	Ch3	Ch4	Ch5	Ch6	Ch7	Ch8	Ch9	Ch10	Ch11
1	467500	6590800	400	9	0.28	2	C3	Z	31	0	-1.09E+03	-5.43E+00	-1.55E+00	-2.80E+00	-4.01E+02	-5.46E+03	1.70E+03	5.10E+03	5.19E+03	3.86E+03	2.62E+03
1	467500	6590800	400	9	0.28	2	C3	X	31	0	4.24E+03	4.21E+03	3.88E+03	3.26E+03	9.83E+02	-1.17E+03	-1.61E+03	-1.63E+03	-1.41E+03	-1.14E+03	-8.32E+02
1	467500	6590800	400	9	0.28	2	C3	Y	31	0	-9.49E+00	-5.15E-02	3.00E-01	4.94E+02	-2.28E+03	-4.18E+03	-3.06E+03	-4.14E+03	-5.94E+03	-4.92E+03	-3.74E+03
1	467500	6590780	400	9	0.28	2	C3	Z	31	0	-5.96E+03	-5.51E+03	-2.35E+02	-5.67E+00	-1.65E+03	-5.96E+03	-5.38E+03	-2.38E+03	-3.82E+02	2.67E+02	2.97E+02
1	467500	6590780	400	9	0.28	2	C3	X	31	0	3.57E+03	3.47E+03	3.24E+03	2.80E+03	9.85E+02	-7.37E+02	-1.33E+03	-1.44E+03	-1.34E+03	-1.09E+03	-7.58E+02
1	467500	6590780	400	9	0.28	2	C3	Y	31	0	1.36E+02	7.80E+00	3.39E-01	3.27E+02	2.52E+03	-5.72E+03	-5.95E+03	-5.96E+03	-5.94E+03	-4.93E+03	-3.77E+03
1	467500	6590760	400	9	0.28	2	C3	Z	31	0	-5.31E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.64E+03	-3.77E+03	-2.13E+03	-1.31E+03
1	467500	6590760	400	9	0.28	2	C3	X	31	0	3.65E+03	3.61E+03	3.34E+03	2.88E+03	9.62E+02	-9.16E+02	-1.41E+03	-1.48E+03	-1.34E+03	-1.05E+03	-7.22E+02
1	467500	6590760	400	9	0.28	2	C3	Y	31	0	3.03E+03	1.59E+03	2.25E+03	3.20E+03	4.04E+03	-3.77E+03	-5.79E+03	-5.88E+03	-5.07E+03	-3.94E+03	-3.11E+03
1	467500	6590740	400	9	0.28	2	C3	Z	31	0	-3.54E+03	-5.13E+03	-5.93E+03	-5.96E+03	-5.96E+03	-5.96E+03	-5.93E+03	-5.23E+03	-3.54E+03	-2.09E+03	-1.31E+03
1	467500	6590740	400	9	0.28	2	C3	X	31	0	1.05E+03	4.21E+02	-1.42E+02	-5.92E+02	-1.25E+03	-9.79E+02	-4.77E+02	-2.00E+02	-3.64E+01	2.73E+01	3.52E+01
1	467500	6590740	400	9	0.28	2	C3	Y	31	0	5.96E+03	5.96E+03	5.96E+03	5.96E+03	2.91E+03	-2.34E+03	-3.82E+03	-3.92E+03	-3.53E+03	-2.67E+03	-1.83E+03
1	467500	6590720	400	9	0.28	2	C3	Z	31	0	-3.20E+03	-4.46E+03	-5.51E+03	-5.95E+03	-5.96E+03	-5.89E+03	-5.30E+03	-4.17E+03	-2.77E+03	-1.64E+03	-1.02E+03
1	467500	6590720	400	9	0.28	2	C3	X	31	0	-7.47E+02	-1.31E+03	-1.54E+03	-1.64E+03	-1.53E+03	-8.04E+02	2.41E+01	3.89E+02	5.11E+02	4.45E+02	3.31E+02
1	467500	6590720	400	9	0.28	2	C3	Y	31	0	5.96E+03	5.96E+03	5.95E+03	5.43E+03	1.96E+03	-1.56E+03	-2.77E+03	-2.92E+03	-2.51E+03	-1.81E+03	-1.26E+03
1	467500	6590700	400	9	0.28	2	C3	Z	31	0	-2.77E+03	-3.84E+03	-4.86E+03	-5.51E+03	-5.61E+03	-5.29E+03	-4.38E+03	-3.36E+03	-2.23E+03	-1.31E+03	-8.13E+02
1	467500	6590700	400	9	0.28	2	C3	X	31	0	-1.50E+03	-1.79E+03	-1.96E+03	-1.98E+03	-1.57E+03	-5.99E+02	2.94E+02	6.80E+02	7.87E+02	6.49E+02	4.87E+02
1	467500	6590700	400	9	0.28	2	C3	Y	31	0	5.14E+03	5.07E+03	4.75E+03	4.20E+03	1.25E+03	-1.18E+03	-1.93E+03	-2.03E+03	-1.75E+03	-1.27E+03	-9.04E+02
1	467500	6590680	400	9	0.28	2	C3	Z	31	0	-2.52E+03	-3.45E+03	-4.30E+03	-4.98E+03	-5.02E+03	-4.43E+03	-3.55E+03	-2.70E+03	-1.76E+03	-1.01E+03	-6.12E+02
1	467500	6590680	400	9	0.28	2	C3	X	31	0	-4.68E+02	-9.48E+02	-1.26E+03	-1.37E+03	-1.34E+03	-7.08E+02	-2.86E+01	3.01E+02	4.76E+02	4.42E+02	3.51E+02
1	467500	6590680	400	9	0.28	2	C3	Y	31	0	4.35E+03	4.30E+03	4.12E+03	3.74E+03	1.25E+03	-6.91E+02	-1.38E+03	-1.54E+03	-1.38E+03	-1.04E+03	-7.42E+02
1	467500	6590660	400	9	0.28	2	C3	Z	31	0	-2.12E+03	-2.88E+03	-3.56E+03	-4.12E+03	-4.17E+03	-3.69E+03	-2.99E+03	-2.29E+03	-1.49E+03	-8.45E+02	-5.06E+02
1	467500	6590660	400	9	0.28	2	C3	X	31	0	1.30E+02	-3.33E+02	-6.95E+02	-9.85E+02	-1.27E+03	-8.83E+02	-3.46E+02	-2.07E+00	2.13E+02	2.63E+02	2.25E+02
1	467500	6590660	400	9	0.28	2	C3	Y	31	0	4.51E+03	4.51E+03	4.24E+03	3.67E+03	1.22E+03	-4.47E+02	-1.11E+03	-1.31E+03	-1.22E+03	-9.32E+02	-6.75E+02
1	467500	6590620	400	9	0.28	2	C3	Z	31	0	-1.11E+03	-1.68E+03	-2.22E+03	-2.70E+03	-3.00E+03	-2.85E+03	-2.41E+03	-1.88E+03	-1.24E+03	-6.89E+02	-3.98E+02
1	467500	6590620	400	9	0.28	2	C3	X	31	0	2.85E+02	-2.17E+01	-2.89E+02	-5.64E+02	-8.85E+02	-7.83E+02	-4.45E+02	-1.71E+02	3.80E+01	1.28E+02	1.34E+02
1	467500	6590620	400	9	0.28	2	C3	Y	31	0	3.06E+03	3.13E+03	2.99E+03	2.67E+03	1.09E+03	-7.74E+01	-6.33E+02	-8.62E+02	-8.92E+02	-7.34E+02	-5.50E+02
1	467500	6590600	400	9	0.28	2	C3	Z	31	0	-6.99E+02	-1.14E+03	-1.59E+03	-2.01E+03	-2.39E+03	-2.42E+03	-2.14E+03	-1.74E+03	-1.20E+03	-6.96E+02	-4.16E+02
1	467500	6590600	400	9	0.28	2	C3	X	31	0	5.55E+02	3.52E+02	1.19E+02	-9.96E+01	-5.32E+02	-6.14E+02	-4.28E+02	-2.35E+02	-7.96E+01	1.06E+01	3.82E+01
1	467500	6590600	400	9	0.28	2	C3	Y	31	0	2.58E+03	2.74E+03	2.73E+03	2.55E+03	1.32E+03	2.80E+02	-3.28E+02	-6.46E+02	-7.79E+02	-7.04E+02	-5.44E+02
1	467500	6590580	400	9	0.28	2	C3	Z	31	0	-4.78E+02	-8.09E+02	-1.17E+03	-1.53E+03	-1.89E+03	-2.02E+03	-1.85E+03	-1.55E+03	-1.09E+03	-6.54E+02	-3.95E+02
1	467500	6590580	400	9	0.28	2	C3	X	31	0	-5.68E+01	-1.77E+02	-3.28E+02	-4.36E+02	-5.13E+02	-4.01E+02	-1.86E+02	-6.44E+00	1.16E+02	1.60E+02	1.44E+02
1	467500	6590580	400	9	0.28	2	C3	Y	31	0	1.94E+03	2.06E+03	2.04E+03	1.90E+03	9.85E+02	2.20E+02	-2.08E+02	-4.43E+02	-5.60E+02	-5.11E+02	-4.06E+02
1	467500	6590560	400	9	0.28	2	C3	Z	31	0	-5.17E+02	-8.07E+02	-1.11E+03	-1.43E+03	-1.69E+03	-1.80E+03	-1.64E+03	-1.36E+03	-9.53E+02	-5.56E+02	-3.26E+02
1	467500	6590560	400	9	0.28	2	C3	X	31	0	-8.27E+01	-2.29E+02	-3.27E+02	-4.66E+02	-5.27E+02	-4.23E+02	-2.16E+02	-4.68E+01	8.71E+01	1.43E+02	1.33E+02
1	467500	6590560	400	9	0.28	2	C3	Y	31	0	1.54E+03	1.62E+03	1.61E+03	1.49E+03	7.69E+02	1.79E+02	-1.57E+02	-3.63E+02	-4.62E+02	-4.30E+02	-3.42E+02
1	467500	6590540	400	9	0.28	2	C3	Z	31	0	-4.29E+02	-6.63E+02	-9.25E+02	-1.19E+03	-1.44E+03	-1.56E+03	-1.45E+03	-1.23E+03	-8.69E+02	-5.15E+02	-3.03E+02
1	467500	6590540	400	9	0.28	2	C3	X	31	0	1.33E+02	6.04E+01	-3.19E+01	-1.39E+02	-2.75E+02	-2.79E+02	-1.83E+02	-7.41E+01	2.27E+01	7.09E+01	6.61E+01
1	467500	6590540	400	9	0.28	2	C3	Y	31	0	1.31E+03	1.44E+03	1.47E+03	1.43E+03	8.56E+02	3.58E+02	3.95E+00	-2.29E+02	-3.96E+02	-4.11E+02	-3.44E+02
1	467500	6590520	400	9	0.28	2	C3	Z	31	0	-3.03E+02	-4.90E+02	-7.07E+02	-9.30E+02	-1.18E+03	-1.32E+03	-1.28E+03	-1.12E+03	-8.23E+02	-5.06E+02	-3.06E+02
1	467500	6590520	400	9	0.28	2	C3	X	31	0	-3.78E+02	-4.83E+02	-5.91E+02	-6.51E+02	-5.82E+02	-4.04E+02	-1.84E+02	4.01E-01	1.50E+02	2.09E+02	1.93E+02
1	467500	6590520	400	9	0.28	2	C3	Y	31	0	1.03E+03	1.10E+03	1.06E+03	1.03E+03	5.46E+02	1.93E+02	-2.83E+01	-1.71E+02	-2.71E+02	-2.76E+02	-2.28E+02

Ch12	Ch13	Ch14	Ch15	Ch16	Ch17	Ch18	Ch19	Ch20	Ch21	Ch22	Ch23	Ch24	Ch25	Ch26	Ch27	Ch28
1.78E+03	1.05E+03	5.42E+02	3.00E+02	1.75E+02	8.76E+01	3.74E+01	1.82E+01	9.57E+00	4.51E+00	1.67E+00	8.74E-01	5.05E-01	1.76E-01	6.40E-03	-5.05E-02	-6.64E-02
-5.79E+02	-3.53E+02	-1.85E+02	-1.09E+02	-6.70E+01	-2.93E+01	-9.26E+00	-7.82E+00	-4.71E+00	-8.07E-01	7.79E-01	-1.56E+00	5.81E+00	-7.88E-03	6.67E-01	1.18E+00	-1.59E+00
-2.93E+03	-1.79E+03	-9.49E+02	-5.38E+02	-3.22E+02	-1.67E+02	-7.05E+01	-3.47E+01	-1.48E+01	-5.64E+00	-3.29E+00	4.32E-01	-9.19E-01	-1.30E-01	-5.01E-01	-6.75E-01	-9.00E-01
2.30E+02	1.38E+02	6.78E+01	3.39E+01	1.81E+01	8.51E+00	3.61E+00	1.96E+00	1.28E+00	1.06E+00	7.54E-01	4.36E-01	4.11E-01	8.12E-02	4.96E-02	9.91E-02	3.83E-02
-5.35E+02	-3.24E+02	-1.71E+02	-1.04E+02	-6.11E+01	-3.09E+01	-1.63E+01	-1.21E+01	-1.85E+00	-1.32E+00	-3.77E+00	1.96E-01	-2.59E+00	-1.17E+00	2.88E-01	-1.88E-01	-8.75E-01
-2.97E+03	-1.82E+03	-9.63E+02	-5.41E+02	-3.22E+02	-1.65E+02	-7.17E+01	-3.03E+01	-1.85E+01	-9.52E+00	-3.38E+00	-1.28E+00	5.54E-01	-2.53E-02	-2.91E-01	2.32E-01	-9.20E-02
-8.57E+02	-5.04E+02	-2.66E+02	-1.52E+02	-9.07E+01	-4.65E+01	-1.95E+01	-8.65E+00	-3.95E+00	-1.64E+00	-2.61E-01	-6.41E-01	5.80E-01	1.13E-01	2.89E-01	-1.22E-04	3.68E-02
-5.05E+02	-3.12E+02	-1.63E+02	-9.15E+01	-4.77E+01	-2.74E+01	-7.33E+00	-5.88E+00	-1.42E+00	1.75E-01	-2.56E+00	1.08E+01	5.55E-01	-5.17E+00	3.46E+00	-1.39E+00	-3.85E+00
-2.23E+03	-1.34E+03	-7.10E+02	-4.05E+02	-2.46E+02	-1.26E+02	-5.49E+01	-2.64E+01	-1.32E+01	-6.53E+00	-2.88E+00	-2.59E+00	3.13E-01	8.85E-01	-2.58E+00	-8.80E-01	3.00E+00
-8.64E+02	-5.07E+02	-2.68E+02	-1.52E+02	-9.05E+01	-4.57E+01	-1.93E+01	-8.81E+00	-3.99E+00	-1.80E+00	-2.45E-01	-2.23E-01	2.49E-01	-7.47E-02	-5.53E-02	1.71E-01	-1.66E-01
2.86E+01	2.47E+01	1.10E+01	1.03E+01	5.30E+00	2.55E+00	4.41E-01	-4.39E+00	-5.43E+00	-9.33E+00	4.54E-01	1.79E+00	-3.30E-01	6.70E+00	1.13E+00	2.21E+00	1.14E+00
-1.27E+03	-7.71E+02	-4.13E+02	-2.39E+02	-1.43E+02	-7.23E+01	-3.24E+01	-1.64E+01	-7.51E+00	-2.85E+00	-1.20E+00	-3.26E-01	-1.18E+00	-4.13E-01	5.79E-01	-1.37E+00	-1.10E-01
-6.73E+02	-3.95E+02	-2.07E+02	-1.18E+02	-7.03E+01	-3.56E+01	-1.50E+01	-6.30E+00	-3.10E+00	-1.40E+00	-3.42E-01	-3.04E-01	-1.60E-01	-4.67E-02	-1.55E-01	3.60E-03	6.95E-03
2.39E+02	1.42E+02	7.72E+01	4.60E+01	2.85E+01	2.01E+01	7.68E+00	2.68E+00	3.21E+00	-2.32E+00	3.64E+00	2.16E+00	-2.96E+00	1.55E-01	-9.46E-01	-4.50E-01	1.97E+00
-8.81E+02	-5.46E+02	-2.94E+02	-1.72E+02	-1.03E+02	-5.45E+01	-2.64E+01	-1.42E+01	-7.77E+00	-2.25E+00	-2.02E+00	-2.46E+00	-3.81E-01	8.22E-01	-7.14E-01	5.93E-01	1.48E+00
-5.31E+02	-3.10E+02	-1.62E+02	-9.17E+01	-5.46E+01	-2.76E+01	-1.13E+01	-4.78E+00	-1.93E+00	-4.93E-01	-4.25E-01	-4.75E-03	1.36E-01	-5.07E-02	-2.71E-01	2.08E-02	-1.19E-01
3.57E+02	2.21E+02	1.22E+02	6.84E+01	4.49E+01	2.44E+01	1.14E+01	2.58E+00	3.80E+00	5.31E+00	-1.94E+00	-4.26E+00	-5.34E-01	6.07E+00	4.64E-01	1.37E+00	2.24E-01
-6.28E+02	-3.90E+02	-2.19E+02	-1.25E+02	-7.68E+01	-4.01E+01	-1.67E+01	-9.49E+00	-6.78E+00	-4.51E-01	-2.31E-01	-4.78E-01	-1.90E-02	-1.26E+00	1.17E+00	-3.44E-01	8.17E-01
-3.93E+02	-2.26E+02	-1.16E+02	-6.47E+01	-3.79E+01	-1.93E+01	-7.65E+00	-3.03E+00	-1.33E+00	-1.96E-01	2.61E-01	2.14E-01	-2.10E-01	-4.40E-02	-8.87E-02	2.86E-01	-9.72E-02
2.61E+02	1.80E+02	8.71E+01	5.22E+01	4.31E+01	1.72E+01	1.17E+01	6.08E+00	5.60E+00	-4.59E+00	-3.18E+00	5.59E+00	8.32E+00	7.38E+00	1.19E+00	-4.74E+00	-3.58E+00
-5.29E+02	-3.34E+02	-1.77E+02	-1.05E+02	-6.63E+01	-3.34E+01	-1.33E+01	-8.02E+00	-5.13E+00	-1.57E+00	-1.41E-01	-7.03E-01	-1.86E+00	1.05E+00	5.18E-01	1.15E+00	-3.43E-01
-3.21E+02	-1.80E+02	-9.16E+01	-4.90E+01	-2.85E+01	-1.42E+01	-6.29E+00	-2.61E+00	-7.35E-01	-1.44E-02	2.56E-02	-1.80E-01	1.02E-01	-4.60E-02	5.85E-02	2.65E-02	-1.06E-01
1.74E+02	1.14E+02	6.38E+01	4.90E+01	2.18E+01	1.39E+01	1.09E+01	5.56E+00	4.45E+00	1.09E+00	2.09E+00	6.89E-01	3.13E+00	-1.24E-01	-1.87E+00	-1.32E+00	-6.51E-01
-4.85E+02	-3.05E+02	-1.72E+02	-1.01E+02	-6.12E+01	-3.31E+01	-1.50E+01	-7.19E+00	-4.29E+00	-2.55E+00	-2.04E+00	-1.53E+00	-3.95E+00	3.07E-01	6.20E-01	-5.65E-01	-5.39E-01
-2.42E+02	-1.29E+02	-6.16E+01	-3.22E+01	-1.79E+01	-7.69E+00	-2.57E+00	-1.69E-01	4.06E-01	5.03E-01	6.17E-01	4.00E-01	1.97E-01	1.18E-01	7.38E-02	-2.68E-02	1.05E-01
1.10E+02	7.71E+01	4.19E+01	2.52E+01	1.88E+01	1.44E+01	5.86E+00	6.42E+00	1.88E+00	2.39E+00	1.72E+00	2.15E+00	-6.78E-01	-4.84E-01	1.26E+00	-4.08E-01	-1.63E-01
-4.05E+02	-2.58E+02	-1.47E+02	-8.55E+01	-5.37E+01	-2.82E+01	-1.37E+01	-6.13E+00	-4.99E+00	-1.72E+00	-3.78E-01	-6.51E-01	2.63E-01	4.85E-01	-4.63E-01	4.21E-02	2.72E-01
-2.58E+02	-1.41E+02	-6.84E+01	-3.61E+01	-2.01E+01	-8.65E+00	-2.56E+00	-4.43E-01	2.21E-01	5.62E-01	4.07E-01	3.19E-01	2.30E-01	1.15E-01	1.26E-01	-3.12E-02	-3.20E-03
2.98E+01	2.34E+01	1.91E+01	1.18E+01	1.02E+01	4.95E+00	9.79E+00	-2.18E+00	-1.56E+00	4.63E-01	-1.08E+00	3.96E+00	-1.24E+00	-2.62E-01	-5.74E-01	2.78E-02	2.11E+00
-4.07E+02	-2.66E+02	-1.52E+02	-8.95E+01	-5.85E+01	-2.81E+01	-1.17E+01	-5.76E+00	-2.10E+00	-2.00E+00	7.30E-01	-1.71E+00	-4.58E-01	-3.02E-02	1.83E-01	4.10E-01	5.88E-01
-2.47E+02	-1.34E+02	-6.44E+01	-3.36E+01	-1.85E+01	-7.90E+00	-2.04E+00	-4.10E-01	4.49E-01	6.67E-01	6.52E-01	4.23E-01	3.95E-02	1.69E-01	1.11E-01	1.05E-01	-1.40E-02
1.11E+02	7.71E+01	4.28E+01	3.05E+01	2.25E+01	7.88E+00	5.96E+00	3.14E+00	1.41E+00	4.31E-01	7.92E-01	-7.97E-02	7.72E-01	-1.51E-01	9.06E-01	-5.73E-01	-2.31E+00
-3.07E+02	-2.00E+02	-1.15E+02	-6.94E+01	-4.67E+01	-2.31E+01	-1.06E+01	-7.07E+00	-3.05E+00	-1.46E+00	-6.27E-01	-9.67E-01	-1.21E+00	2.94E-03	-3.97E-01	4.28E-01	8.76E-01
-1.97E+02	-1.03E+02	-4.57E+01	-2.27E+01	-1.11E+01	-4.26E+00	-3.98E-01	7.07E-01	1.18E+00	9.76E-01	5.89E-01	3.93E-01	1.97E-01	2.50E-01	1.95E-01	-9.05E-03	-3.54E-02
1.13E+02	6.91E+01	4.27E+01	3.25E+01	8.58E+00	9.85E+00	3.08E+00	-2.77E+00	1.48E+00	2.22E+00	3.07E+00	2.59E+00	2.52E+00	3.10E-01	-1.69E+00	2.15E+00	1.52E+00
-2.65E+02	-1.74E+02	-1.00E+02	-5.47E+01	-3.74E+01	-2.03E+01	-9.13E+00	-5.02E+00	-4.86E+00	-3.59E+00	-1.02E+00	-8.85E-01	1.32E+00	9.07E-01	4.08E-01	-4.60E-01	1.58E-02
-1.82E+02	-9.36E+01	-4.19E+01	-1.92E+01	-9.95E+00	-3.31E+00	8.59E-02	9.85E-01	9.17E-01	7.12E-01	5.92E-01	4.29E-01	3.01E-01	2.35E-01	4.10E-02	9.41E-02	-4.44E-02
6.51E+01	4.60E+01	2.69E+01	9.42E+00	1.74E+01	1.28E+01	1.20E+01	1.24E+01	9.93E+00	9.17E+00	9.10E+00	9.20E+00	8.00E+00	4.94E+00	8.07E+00	9.20E+00	8.33E+00
-2.67E+02	-1.81E+02	-1.07E+02	-6.64E+01	-3.96E+01	-2.19E+01	-1.12E+01	-9.76E+00	-4.63E+00	-2.46E+00	-1.42E+00	-1.48E-01	-4.52E-01	3.61E-01	-4.61E-01	-6.18E-01	2.43E-01
-1.89E+02	-9.91E+01	-4.36E+01	-2.14E+01	-1.11E+01	-3.73E+00	-1.15E-01	1.06E+00	1.24E+00	7.68E-01	4.91E-01	3.36E-01	3.47E-01	1.47E-01	6.10E-02	-4.06E-02	5.59E-02
1.42E+02	9.88E+01	5.97E+01	3.35E+01	2.49E+01	1.56E+01	1.15E+01	6.07E+00	1.23E-01	2.29E+00	2.56E+00	-3.44E-01	1.14E+00	2.03E-01	6.90E-01	-8.31E-01	-8.57E-01
-1.79E+02	-1.25E+02	-7.03E+01	-3.94E+01	-2.71E+01	-1.49E+01	-7.70E+00	-5.06E+00	-2.13E+00	-4.21E-01	-8.87E-02	-1.76E+00	-4.78E-01	-2.14E-01	1.00E+00	1.15E+00	8.54E-01

Ch29	Ch30	Ch31	Ch32	Ch33	Ch34	Ch35	Ch36	Ch37	Ch38	Ch39	Ch40	Ch41	Ch42	Ch43	Ch44	Ch45	Ch46	Ch47	Ch48	Ch49	Ch50
1.44E-02	-2.91E-02	1.42E-01																			
1.10E+00	-9.91E-01	-1.91E+00																			
9.94E-02	-8.62E-02	4.51E-01																			
-1.82E-02	-2.82E-02	-5.47E-02																			
-1.68E+00	-8.95E-01	-1.61E-01																			
5.45E-01	2.21E-01	-4.06E-01																			
1.38E-02	-6.54E-02	-2.34E-02																			
1.54E+00	-1.53E+00	5.15E+00																			
4.99E-01	3.10E-01	-1.55E+00																			
7.12E-02	6.57E-02	8.27E-02																			
-6.59E-01	8.20E-01	-4.66E-01																			
1.71E-01	1.70E-01	3.81E-02																			
-3.96E-02	-7.08E-02	-2.68E-02																			
2.95E+00	2.54E-01	-3.97E+00																			
-1.62E+00	1.92E-01	1.15E+00																			
-1.08E-01	-6.02E-02	5.38E-02																			
-1.66E+00	-1.84E+00	3.56E+00																			
4.25E-01	-5.05E-01	-1.01E+00																			
2.05E-01	-3.75E-02	1.67E-01																			
3.00E+00	-2.12E+00	2.44E+00																			
-4.47E-01	2.97E-01	-5.55E-01																			
3.20E-02	-8.26E-02	-1.16E-02																			
1.33E+00	1.68E+00	3.61E-01																			
-3.14E-01	-5.81E-01	7.84E-01																			
1.57E-02	-9.87E-02	-8.70E-02																			
9.78E-01	1.32E+00	-4.62E-01																			
5.29E-01	-6.24E-01	-5.28E-02																			
1.17E-01	1.05E-01	4.54E-02																			
2.43E+00	-1.33E+00	2.80E+00																			
-7.06E-02	-2.12E-01	-4.21E-01																			
3.24E-02	7.30E-02	2.10E-02																			
7.40E-01	-8.72E-01	-4.75E-01																			
-1.23E-01	4.88E-01	-1.21E-01																			
1.54E-02	-6.76E-02	-7.40E-02																			
6.70E-02	-1.42E+00	3.37E-01																			
1.67E-01	3.18E-01	-3.63E-01																			
-1.24E-02	-1.50E-01	1.31E-01																			
6.52E+00	7.42E+00	5.59E+00																			
-4.44E-01	-3.11E-01	-5.22E-02																			
8.86E-03	-9.55E-02	7.28E-02																			
7.45E-01	8.25E-01	5.20E-01																			
-1.80E-01	4.61E-02	-5.67E-01																			

LOOP	EAST	NORTH	LSIDE	CUR	RMP	G	F	C	NCH	VPRI	Ch1	Ch2	Ch3	Ch4	Ch5	Ch6	Ch7	Ch8	Ch9	Ch10	Ch11
1	467500	6590500	400	9	0.28	2	C3	Z	31	0	-2.42E+02	-3.94E+02	-5.74E+02	-7.62E+02	-9.84E+02	-1.13E+03	-1.12E+03	-1.00E+03	-7.56E+02	-4.76E+02	-2.91E+02
1	467500	6590500	400	9	0.28	2	C3	X	31	0	-1.53E+02	-2.25E+02	-3.20E+02	-3.75E+02	-4.20E+02	-3.37E+02	-1.96E+02	-6.12E+01	6.05E+01	1.08E+02	1.16E+02
1	467500	6590500	400	9	0.28	2	C3	Y	31	0	8.66E+02	9.39E+02	9.42E+02	9.28E+02	5.53E+02	2.61E+02	4.97E+01	-1.03E+02	-2.19E+02	-2.49E+02	-2.16E+02

Ch12	Ch13	Ch14	Ch15	Ch16	Ch17	Ch18	Ch19	Ch20	Ch21	Ch22	Ch23	Ch24	Ch25	Ch26	Ch27	Ch28
-1.80E+02	-9.44E+01	-4.20E+01	-2.03E+01	-9.96E+00	-3.48E+00	-2.44E-01	1.17E+00	1.29E+00	1.14E+00	5.66E-01	4.08E-01	1.75E-01	2.28E-01	9.94E-03	1.41E-01	6.62E-02
1.09E+02	7.80E+01	4.35E+01	1.79E+01	1.56E+01	9.43E+00	5.58E+00	2.29E+00	5.66E+00	4.94E+00	3.44E+00	-1.35E-01	-1.32E+00	-1.65E-01	3.57E-01	-6.50E-01	1.54E+00
-1.73E+02	-1.21E+02	-7.36E+01	-4.77E+01	-2.96E+01	-1.53E+01	-6.44E+00	-3.41E+00	-2.70E+00	-8.81E-01	-4.32E-01	1.72E-01	3.30E-01	-5.98E-03	-9.82E-01	5.25E-01	-2.95E-01

Ch29	Ch30	Ch31	Ch32	Ch33	Ch34	Ch35	Ch36	Ch37	Ch38	Ch39	Ch40	Ch41	Ch42	Ch43	Ch44	Ch45	Ch46	Ch47	Ch48	Ch49	Ch50
2.54E-02	9.56E-02	1.31E-02																			
5.94E-01	4.37E+00	-1.30E+00																			
-2.28E-01	-5.85E-01	6.86E-01																			

Appendix 8

Logging Codes

Rockytypes	Code	Rockytypes	Code	Colour	Code	Weathering	Code	Mineral	Code	Mineral	Code	Sulphides	Code
Mafic	M	Metamorphic	G	White	wh	Weakly Weathered	ww	Silicates		Carbonates/Evaporites		Arsenopyrite	as
Gabbro	Mg	Mafic Gneiss/Amphibolite	Gm	Cream	cm	Moderately Weathered	mw	Actinolite	ac	Ankerite	ak	Bornite	bn
Norite	Mn	Intermediate Gneiss	Gi	yellow	yl	Very Weathered	vw	Albite	ab	Calcite	ca	Chalcosite	cc
Troctolite	Mt	Felsic Gneiss	Gf	green	gn	Structure	Code	K-feldspar	kf	Carbonate	cb	Chalcopyrite	cp
Gabbronorite	Mgn	paragneiss (prefix)	p	grey	gy	Weakly Foliated	wf	Amphibole	a	Dolomite	d	Galena	gn
Dolerite/Diabase	Md	orthogneiss (prefix)	o	black	bk	Moderately Foliated	mf	Andalusite	ad	Magnesite	ms	Marcasite	mar
Anorthosite	Ma	schist	Gs	tan	tn	Strongly Foliated	sf	Anthophyllite	an	Limestone	l	Molybdenite	mo
Magnesian Basalt	Mb	meta (prefix)	m	pink	pk	Brecciated	bx	Biotite	b	Halite	ha	Pentlandite	pn
Komatiitic Basalt	Mkb	quartz	q	purple	pu	mylonite	my	Chlorite	c	Barite	ba	Pyrite	py
Basalt	Mba	Sedimentary	S	brown	bn	massive	ma	Clinopyroxene	cpx	Gypsum	gy	Pyrrhotite	po
Intermediate	I	Conglomerate	Sc	blue	b	Texture	Code	Cordierite	co			Sphalerite	sh
Diorite	Id	Sandstone	Sst	orange	or	Cumulate	cu	Diopside	dp	Oxides		Sulphides (unspecified)	sul
Andesite	Ia	Siltstone	Ssi	mustard	mu	Orthocumulate	oc	Epidote	ep	Chromite	cr	Violerite	vl
Trachyte	It	Mudstone	Sm	red	r	Mesocumulate	mc	Feldspar	fd	Goethite	gh	Other Mineralisation	Code
Syenite	Is	Claystone	Sy	pale	pa	Adcumulate	ac	Garnet	g	Hematite	h	Bauxite	bax
Carbonatite	Acb	Iron Formations (BIFs)	Sif	light	lt	Spinnifex	sx	Hornblend	hb	Ilmenite	il	Cassiterite	ct
		Chert	Sct	dark	dk	harrisite	ha	Kaolinite	k	Leucoxene	lx	Azurite	az
Felsic	F	Limestone	Sl			breccia	bx	Kyanite	ky	Limonite	lm	Malachite	mc
Granite	Fg	Dolomite	Sd			igneous layering	il	Micas	m	Magnetite	mt		
Granodiorite	Fgd	Surficial Deposits/Weathered Zone	C			porphyritic	por	Muscovite	mu	Manganese	mn		
Tonalite	Ft	/Unconsolidated Cover						Olivine	o	Rutile	rt		
Rhyolite	Fr	Sand - partly consolidated	Cs			Grainsize	Code	Orthoclase	or	Oxides	ox		
Dacite	Fd	Sand - unconsolidated	Csa			Fine grained	fg	Orthopyroxene	opx				
		Silt	Csi			Medium grained	mg	Plagioclase	p				
Ultramafic	U	Mud	Cm			Coarse grained	cg	Pyroxene	px				
Dunite	Ud	Clay	Ccy			Pegmatitic	peg	Quartz	q				
Peridotite	Upd	Evaporites	Ce					Scapolite	sc				
Pyroxenite	Upx	Calcrete	Cc					Sericite	s				
		Silcrete	Csl					Serpentine	sp				
		Gossan	Goss					Silicified/silceous	sil				
		Ferricrete	Cfe					Sillimantite	sl				
		Ironstone	Ci					Staurolite	st				
		Organics - lignite etc	Co					Talc	t				
		gravel	Cg					Tourmaline	to				
								Tremolite	tm				

MITHRIL

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TALIA HILL PROJECT

EXPLORATION LICENCE 2842

ANNUAL TECHNICAL REPORT

For Period

19th September 2005 to 18th September 2006

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MAP REFERENCE:
TARCOOLA 1:250K SG53-10

MARCH 2006

Summary

In December 2005 Mithril Resources completed five RC percussion drill holes on three 100m spaced traverses on Exploration Licence 2842.

The drilling tested a surface TEM conductor coincident with the development of nickel enrichment in the weathering profile over a portion of the Harris Greenstone belt known as the Mullina Prospect. The Mullina Prospect is located approximately 15 km southeast of Tarcoola.

The drilling intersected a sequence of ultramafic rocks which are interpreted to be komatiites that have sheared contacts with gneissic rocks. Sulphides (dominantly pyrite) were commonly identified in the ultramafic rocks but only in quantities of less than 2%. Two eight metre intervals grading over 0.5%Ni were intersected in weathered ultramafic rocks.

One drillhole (THRC-069) intersected up to 15% pyrite over 2m which graded 0.44g/t Au. It is probable that this pyritic horizon is the source of the surface conductor although downhole EM failed to detect any significant offhole conductive bodies.

In addition to this work Mithril also negotiated an agreement with the Far West Coast Native Title Claim Group and completed a site avoidance heritage survey in the southern portion of the EL within the Yellabinna Nature Reserve. This survey was successful in clearing two sites for drilling and an access route into these sites over the Yerda gravity target. Prior to the heritage survey DEH approved a “Drilling/use of declared equipment” within this portion of Yellabinna. These targets will be drilled in the next reporting period.

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Introduction

Mithril Resources Ltd has been exploring Exploration Licence 2842 – Talia Hill Project in a joint venture with BHPBilltion. The licence is located largely on Wilgena Station approximately 10km SE of Tarcoola in central South Australia (Figure 1). The licence renewal in September 2005 marks the commencement of its fifth year of tenure.

In June 2004 Mithril Resources initially drilled fourteen reverse circulation drill holes over the Harris greenstone belt, including five at the Mullina Prospect to test a surface nickel anomaly detected by sampling surface magnetic lag material. Geochemical assays from this drilling at Mullina showed nickel up to 4000 ppm in the weathering profile of the Harris Komatiite on line 8200mE. Cobalt and iron had similar dispersion trends in the weathering profile suggesting that the nickel anomalism may have originated from a nearby sulphidic source.

As part of the PACE initiative (DPY1-10) drilling further delineated this subsurface supergene nickel-iron/chalcophile enrichment at Mullina Well with nickel assaying up to 0.7% in weathered ultramafics. The work involved in the follow up of these results is the focus of this report.

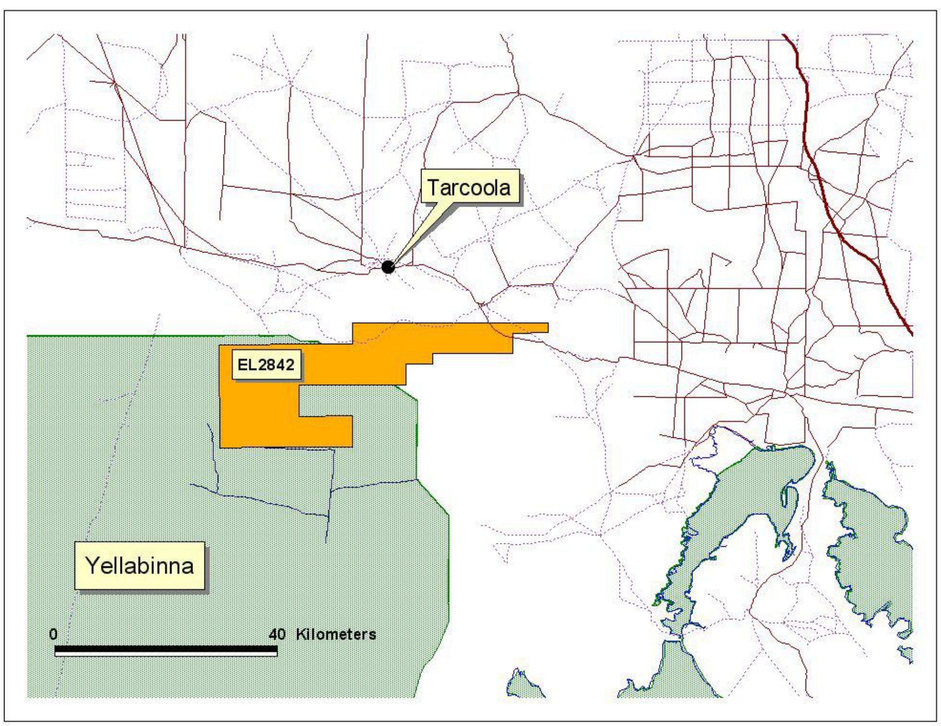

Figure 1: Location of EL2842

Previous Exploration of the Harris Komatiite - Occurrence of Nickel Enrichment in Weathering Profile

The Mullina Well area has been explored for gold by Pima and the larger area of the Harris Greenstone Domain was subject to a major drilling program by PIRSA.
A review of this published open file data by Mithril Resources indicated that nickel enrichment in the weathering profile of high magnesia, magnetic ultramafic bodies in the greenstone belt was detected during these programs but not recognised for their potential significance as a geochemical sampling medium.

PIMA Mullina Well, 1996 to 1998 (Open File Envelope 9413)
Although there are over 200 drill holes in and around the areas targeted in this proposal, there was no sampling for nickel or other chacophile elements in the weathering profile and hence this data is of limited use for nickel exploration or the investigation of surficial or near surface sampling techniques.
Elevated nickel was encountered in end of hole samples from MA 2, 4, 7, 161, 162, sited over the interpreted southern margin of the Harris Komatiite.

PIRSA Mullina Well 2001, 2002 (Report Books 2002/29, 2002/11)
Four PIRSA drill holes (summarised below in Table 1) intersected supergene enrichment associated with an ultramafic body, sited 400 m east of Line 8200.

Outside EL 2842, drill holes Lake Harris 2, KOKDD13, KOKDD15, KOK 5 and KOK 9 intersected similarly developed nickel enrichment in the weathering profile of ultramafic rocks near Lake Harris.

TARDD92	enrichment at 6-12m	1950 ppm Ni, 290 ppm Co, 14% Fe, 67 ppm Cu, 200 ppm V also with elevated chromium 1950 ppm
TRADD90	enrichment at 8-14m	1450 ppm Ni, 105 ppm Co, 10.3 % Fe , also with elevated chromium 1650 ppm
TAR 119	enrichment at 18-24m	1250 ppm Ni, 89 ppm Co, 7.7 % Fe, 125ppm V, 10.4% MgO also with elevated chromium 1750ppm
TAR 120	enrichment at 20-26m	950 ppm Ni, 97 ppm Co, 9% Mg, 7.4% Fe, 1350 Mn, 145 ppm V. also with elevated chromium 1400 ppm Cr

Table 1. Summary of PIRSA drilling at Mullina

Mithril Resources' Exploration of EL2842

Magnetic Lag Sampling

As part of Mithril's earlier exploration on EL 2842 magnetic lag was sampled over selected aeromagnetic anomalies in the greenstone belt. Magnetic lag was collected at 50 m intervals along 200 m spaced north-south traverses. At each site a large (150mm x 100mm x 25mm) ferrite block magnet sealed in plastic is passed over the ground surface until enough magnetic material has been collected. Depending on the abundance of magnetic material, the sample may be collected over a 10 m radius from the 'sampling point'. The magnetic sample is collected in a small paper bag and it's weight recorded. Ideally the sample should weigh between 40 and 100 grams.

At the Mullina and Mullina West areas the sample weights were commonly below 10 grams, however they were sufficient to detect and delineate areas of anomalous nickel.

Transported cover decreases the effectiveness of the magnetic lag to reflect nickel mineralisation at depth. At Mullina, weathered basement is between 3 and 6 metres depth with the magnetic lag nickel anomalism occurring directly above the most concentrated nickel anomalism in the weathering profile.

As with soils and calcrete, elevation and palaeodrainage affect the reliability of magnetic lag sampling. Examination of the 'digital terrain model' shows the Mullina Prospect to be situated along the axis of a north trending 14 km wide topographical high. Both the Mullina West Prospect and the Moolkra Prospects are sited on lower lying ground which has been confirmed during this drilling program to represent the margins of deep, sediment filled palaeochannels.

At the Moolkra Prospect no magnetic lag sampling was conducted because the sedimentary cover (as indicated by historical drilling) is too great.

Mullina Prospect Drilling

Reverse circulation drilling of the magnetic lag nickel anomalies at the Mullina Prospect in June 2004 revealed elevated levels of nickel in the top 30 m of the weathering profile with associated chalcophile element enrichment (see summary table 2 below).

Drill hole	Easting	Northing	Nickel (average)	From - To(m)	interval (m)	Other indicator elements
	(MGA UTM Zone 53)					
THRC04	468200	6590895	2730 ppm Including: 3900 ppm	8-48 12-16	40 4	150 ppm Co 2950 ppm Cr
THRC14	468195	6590975	2740 ppm	16-40	24	290 ppm Co 3110 ppm Cr
THRC05	468195	6590945	3090 ppm including: 4000 ppm	12-28 16-20	16 4	320 ppm Co 5330 ppm Cr

Table 2: Summary of 2004 Mullina Prospect drilling

Mithril Drilling 04-05

The project comprised two broad goals encompassing the further delineation of the supergene chalcophile element dispersion in the vicinity of line 8200 at Mullina and the exploration for similar weathering profiles and element enrichment at two other targets in the Harris Greenstone Belt.

The project was successful in further delineation of the supergene chalcophile element dispersion at the Mullina Prospect but failed to identify any significant Ni anomalism or high MgO komatiites at Mullina West or Moolkra Prospects. Focus of exploration was then concentrated at Mullina. A summary of significant intersections are contained in Table 3 (below) and all results of this program can be found in last years Annual Report.

Drill hole	Easting	Northing	Average assay	from to(m)	interval (m)
	(MGA UTM Zone 53)				
THRC026	468000	6590900	4490 ppm Ni, 365 ppm Co Including: 7000 ppm Ni 6000 ppm Ni 683 ppm Co	3 - 36 6 – 9 18 – 21 12 - 21	33 3 3 9
THRC029	467800	6590900	3950 ppm Ni Including: 6450 ppm Ni 360 ppm Co	6 – 37 21 – 24 21 - 24	31 3 3
			190 ppb Au, 30 ppb Pt	24 - 27	3
THRC024	468000	6590750	510 ppb Au	27 - 30	3
THRC031	467800	6590800	270 ppm Cu	36 - 37	1

Table 3: Significant intersections DPY1-10

Ground EM Survey – Mullina

A ground EM survey was conducted over the supergene chalcophile element anomalism at the Mullina Prospect. All details of this survey were reported as an addendum to the DPY2-42 proposal. Results of this survey indicated a steep westerly dipping east-west striking conductive body with a gentle plunge component to the east. It was this conductor that was the target of the RC percussion drilling associated with DPY2-42.

Mithril Drilling 05-06

RC Drilling

Under PACE funding, five RC percussion drillholes (THRC068 – THRC072) were completed for a total of 682 meters by contractor Orbit Drilling. These holes were drilled at 60 degrees to the south on three traverses (46500E, 46600E and 46700E) targeting the ground EM conductor beneath the regolith anomalism identified in weathered ultramafics. The deepest hole on each traverse was cased to the bottom with 50mm PVC for downhole geophysics. The location of these drillholes with respect to the geochemically anomalous zone and ground EM anomaly are shown in Figure 2. All collar details are contained in Appendix 1.

All drillholes intersected both weathered and/or fresh komatiitic ultramafic rocks, ranging from largely undeformed serpentinite-rich to sheared, talc-chlorite-rich ultramafics. Shearing along both the upper and lower ultramafic and gneiss contacts was common and no intact contacts were observed. A summary of the geology of all drillholes is contained below (Table 4) and all detailed logs can be found in Appendix 2. Appendix 2B contains the geological logging codes.

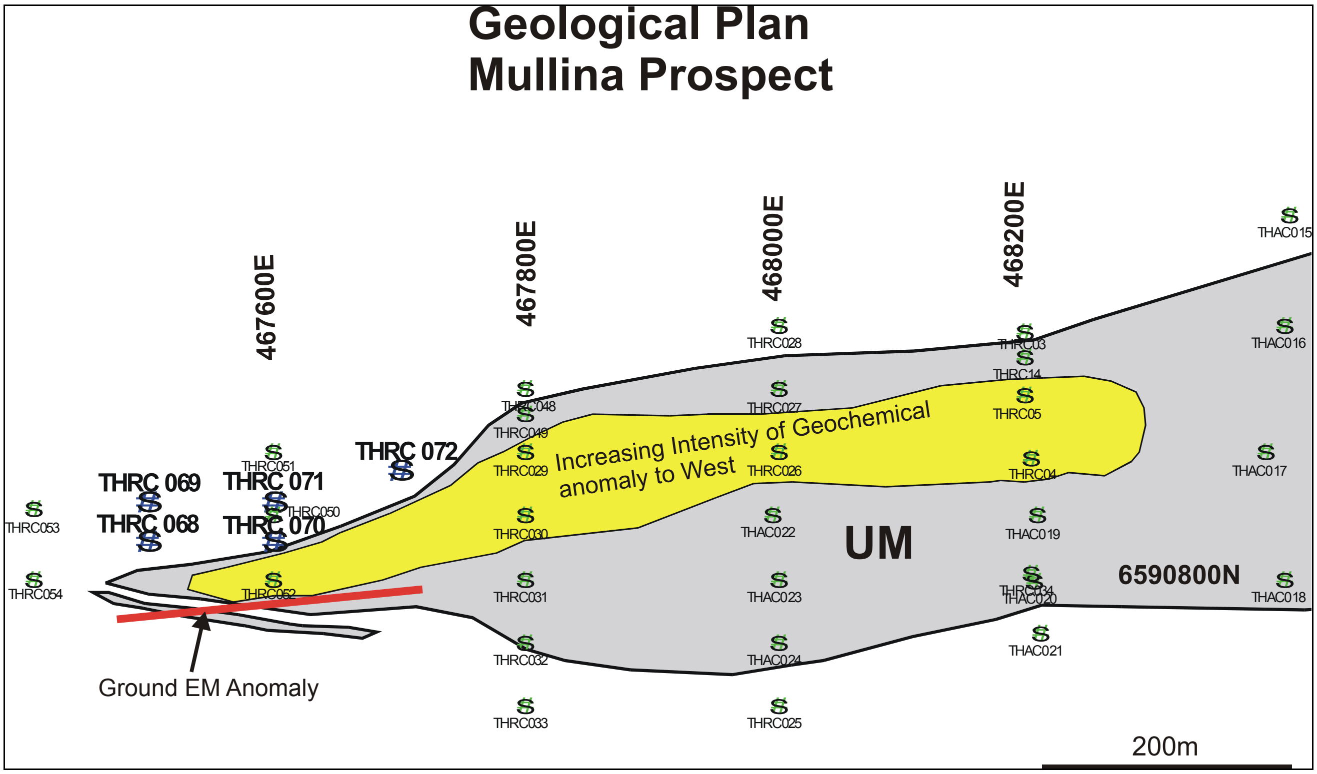

Figure 2: Geological plan of Mullina Prospect

SUMMARY GEOLOGY OF RC PERCUSSION DRILLING

THRC 068

0	2	cover
2	34	weathered gneiss, no sulphides observed
34	46	consistently magnetic, variably deformed ultramafic with some trace sulph
46	55	strongly foliated gneiss with numerous mineralised intervals (trace to 2-3% sulphides)
55	86	sheared ultramafic with occasional mineralised intervals (trace to 1-2%) coinciding with magnetic spikes
87	98	shear zone containing fragments of ultramafic and gneiss, some minor trace sulphides
98	112	barren, strongly foliated gneiss with orange quartz

THRC 069

0	3	cover
3	68	weathered-fresh gneiss, no sulphides observed
68	80	shear zone containing fragments of ultramafic and gneiss, some minor trace sulphides
80	88	barren, strongly foliated silicified gneiss with carbonate veins
88	97	barren, weakly foliated, strongly magnetic peridotite with probable relict meso-cumulate texture and minor carbonate veins
97	107	strongly foliated gneiss that is mineralised (trace to 10-12% sulphides) and has a 2 metre shear zone (app width) contact with peridotite above. Peak sulphides coincides with a magnetic spike, quartz-carbonate veining and orange quartz decreasing down hole
107	114	shear zone containing fragments of ultramafic and gneiss, trace sulphides throughout
114	120	sheared ultramafic with trace disseminated sulphides and minor carbonate veins throughout

THRC 070

0	2	cover
2	9	silica cap after ultramafic, no sulphides observed
9	11	deeply weathered gneiss, no sulphides observed
11	44	variably weathered ultramafic with consistently high magnetic susceptibility, no sulphides observed
44	70	silicified ultramafic with variable magnetic susceptibility and quartz-carbonate veins near the top, no sulphides observed
70	87	strongly foliated gneiss with trace sulphide intervals and minor shear zones throughout
87	92	barren, sheared ultramafic
92	97	barren, moderately foliated, strongly magnetic peridotite with relict olivine

97	104	sheared ultramafic with sulphides (trace to 1-2%). Increasing carbonate veining towards base
104	108	barren shear zone containing fragments of ultramafic and gneiss
108	112	barren, strongly foliated gneiss
THRC 071		
0	3	cover
3	59	weathered-fresh gneiss, no sulphides observed
59	63	mineralised amphibolite (trace to 1-2% sulphide)
63	92	barren, strongly foliated gneiss with a 4 metre shear zone (app width) at base
92	100	strongly foliated peridotite with trace sulphides throughout
100	106	barren, strongly foliated gneiss with a 1 metre shear zone (app width) at top
106	108	barren, sheared ultramafic
108	131	strongly foliated silica-rich gneiss with one metre of trace sulphides (app width)
131	148	barren, strongly foliated and unfoliated strongly magnetic ultramafic
148	160	barren, strongly foliate gneiss with a 2 metre shear zone (app width) at the top
THRC 072		
0	3	cover
3	34	variably weathered gneiss, no sulphides observed
34	118	very weathered to fresh, sheared ultramafic and peridotite. No sulphides observed. Magnetic susceptibility increases down hole. Possible meso-cumulate texture in bottom 40 metres
118	128	shear zone containing fragments of ultramafic and gneiss, very minor trace sulphides
128	178	strongly foliated and indurated gneiss containing stringer and disseminated sulphides over 15 metres apparent width

Table 4. Summary geology of RC percussion drilling

Every metre a sample was taken from beneath the cyclone in a bucket and placed on the ground in rows of 20. Each metre sample was then sieved and placed in chip trays and logged. Based on the logging samples of between 1m and 5m composites were taken from the sample piles and selected samples sent for analysis to Genalysis Laboratories in Perth. A total of 222 samples (including standards) were submitted for Ag, Ni, Cu, Cr, Co, Fe, Pb, Ti, V, Zn, Mn, Mg, As, Mo using a four acid digest and analysis by the AT/OES method. In addition volatile free MgO was also requested as well as low level (1ppb) Pt, Pd, Au by the FA25/MS method. All results are contained in Appendix 3. Two metre composite samples for all holes were collected for the PIRSA core library and will be submitted in the near future.

The most significant analytical results returned from this drilling are contained in the Table 5:

Hole #	interval	Nickel	Gold	Geology
THRC069	100m – 102m	NSA	0.44g/t	10-15% pyrite in sheared gneiss
THRC070	18m – 26m (8m)	0.56%	NSA	Weathered UM
THRC072	34m – 42m (8m)	0.53%	NSA	Weathered UM

Table 5: Significant intersections DPY2-42

In general, fresh ultramafic assayed between 1000-2000 ppm for Ni and Cr and <100ppm for Cu. However, platinum and palladium show mild anomalism (up to ~40ppb for Pt+Pd) in the regolith and may suggest the presence of low level disseminated magmatic sulphides. The other alternative is that the Pt+Pd anomalism is the result of significant lateritic upgrading in the regolith. Figures 3 – 5, show cross sections of the three drilling traverses and significant intersections.

The 10-15% pyrite intersected in drillhole THRC069 coincided with the location of the conductor modelled from the surface EM (Figure 3). From the logging no other drillholes intersected lithologies that are considered to be conductive. The modelled conductors did however seem to coincide with the southern contact of an ultramafic body on all sections (Figures 3 – 5). Downhole EM was conducted in THRC069, THRC071 and THRC072 to resolve the location of the conductor.

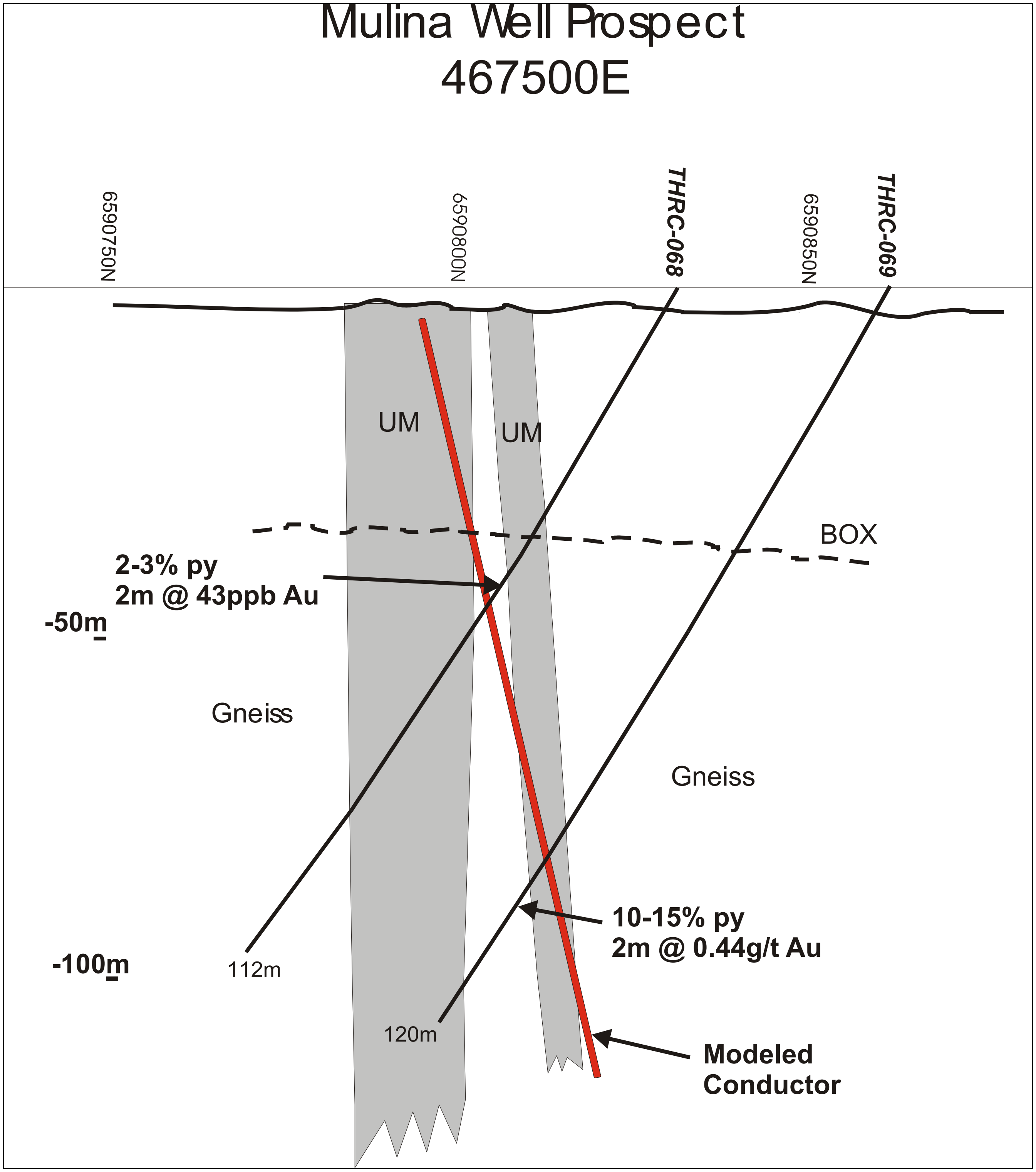

Figure 3: Cross section 46500E

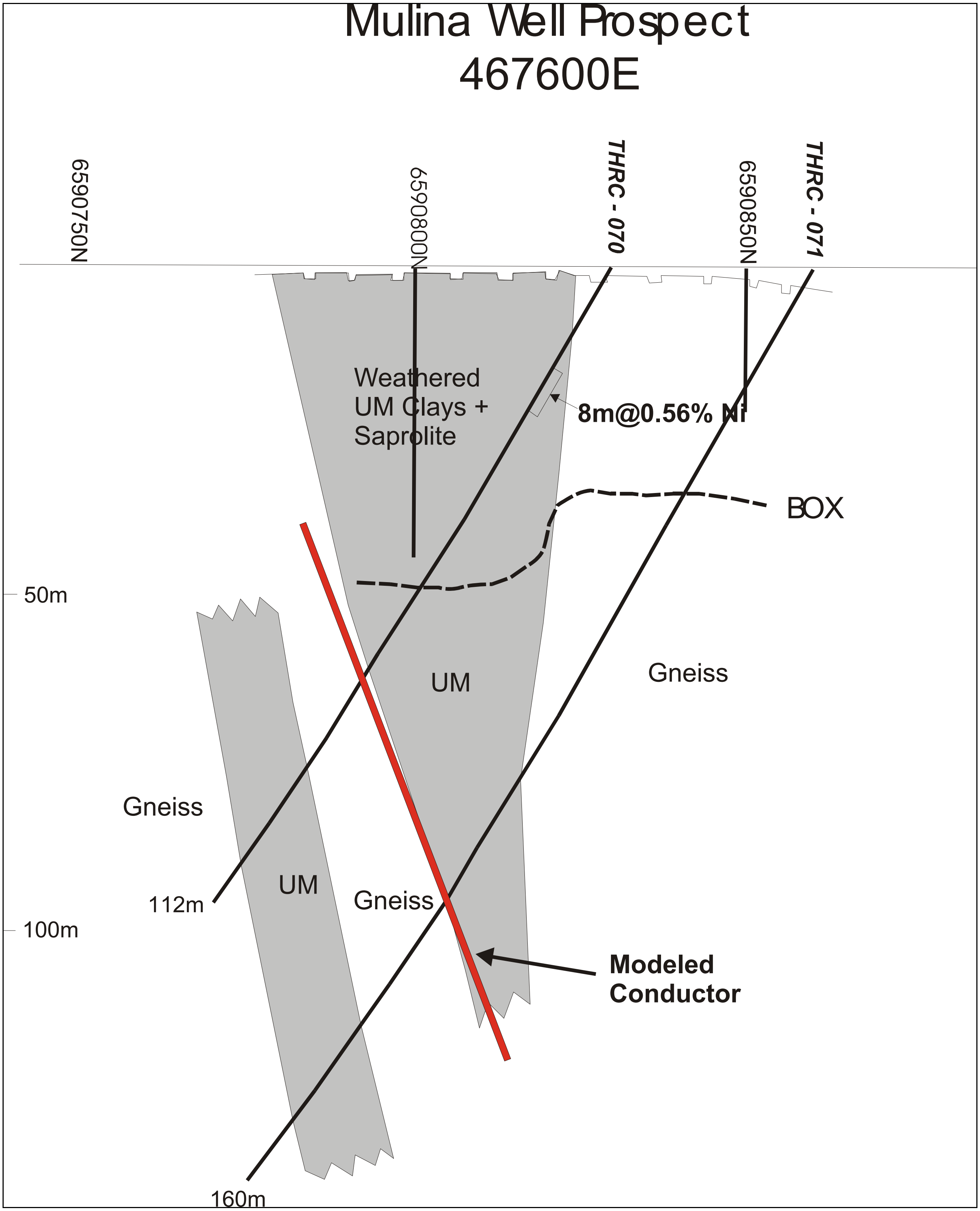

Figure 4: *Cross Section 46600E*

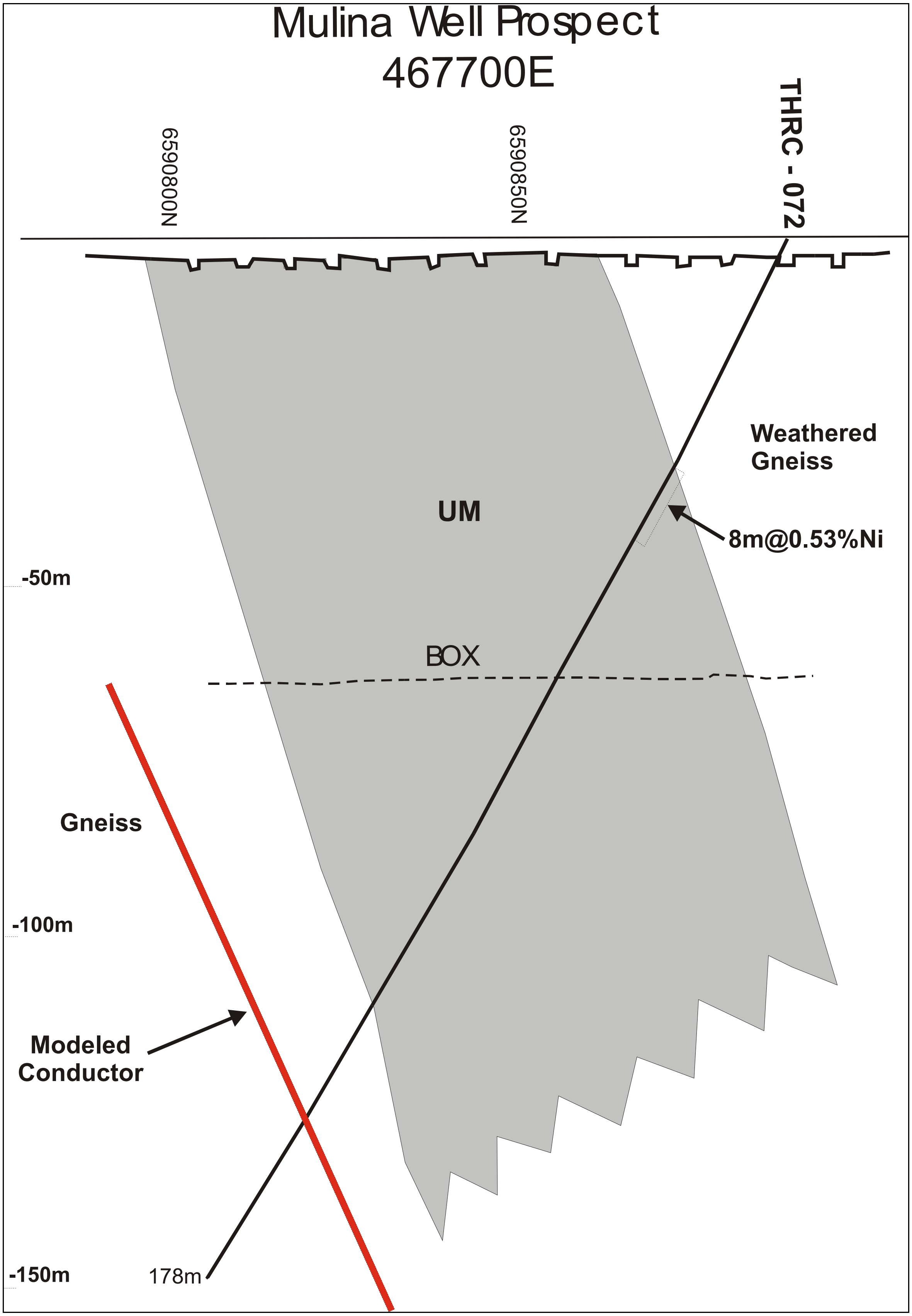

Figure 5: Cross Section 46700E

Downhole EM

Downhole EM was completed by Outer-Rim using a three component probe. Drillholes THRC069, THRC71 and THRC072 were surveyed with a single turn loop size of 400m by 300m (Figure 6). Station spacing was 10m with 5 metre infill where appropriate. This survey identified a weak conductive body associated with sulphide mineralisation at 100m in THRC069. However, no other conductors that could be attributed to fresh basement were identified.

A possible explanation for the source of the conductor identified from the surface EM may be weakly conductive clays overlying the ultramafic rock, especially where it contacts the gneiss and the weathering front increases in depth. A detailed report on the results of this survey can be found in Appendix 4 and all data is contained in Appendix 5.

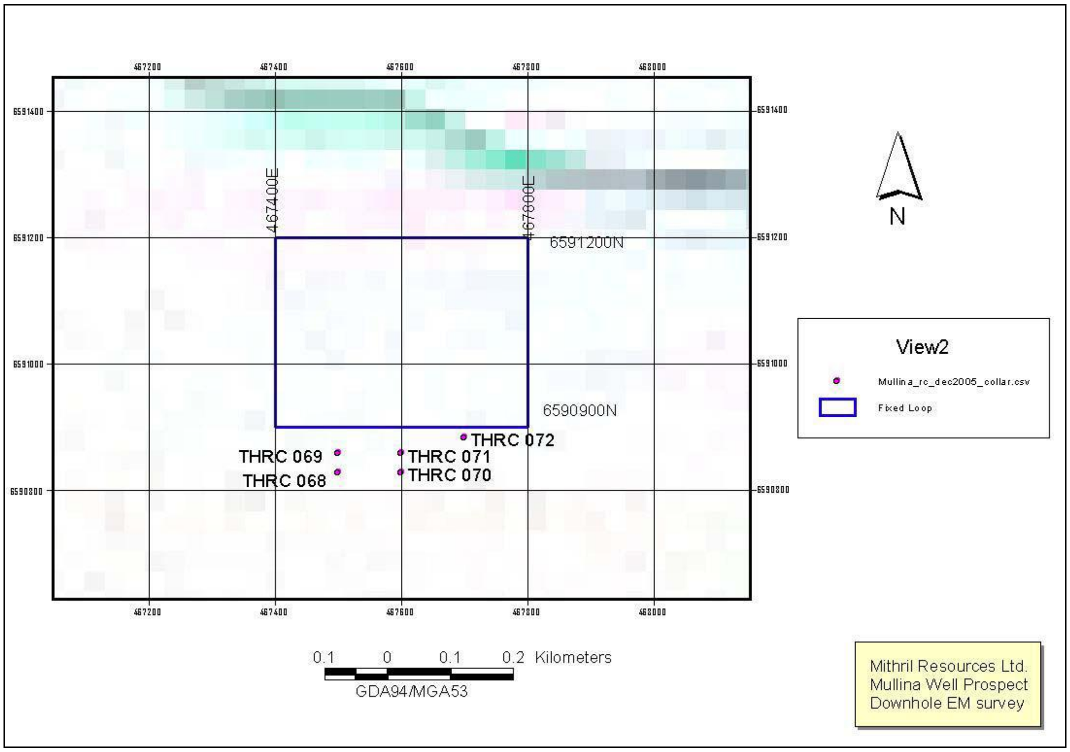

Figure 6: Downhole EM loop and hole location plan

Conclusions and Implications for Future Exploration

The PACE funded RC percussion drilling completed at Mullina Well tested the fresh bedrock and a ground EM conductor beneath the anomalous chalcophile element anomalism found in the regolith overlying the ultramafic unit. The drilling intersected pyrite stringers to 10-15% anomalous in gold within gneiss close to the sheared contact with ultramafic (komatiitic) rocks. These sulphides were found to be weakly conductive from the Downhole EM

Downhole EM conducted on three of the drillholes failed to identify any significant conductive body in fresh bedrock that could be attributed to magmatic sulphides. A possible explanation for the surface EM conductor identified could be the presence of multiple small pods of pyrite stingers along the gneiss/ultramafic contact and/or the change in thickness of the weathering profile over high MgO ultramafic rocks.

From the data available from this drilling it seems probable that the anomalous nickel and other elements found in the regolith overlying the ultramafic body at Mullina Well is the result of weathering of largely barren high MgO ultramafic rocks. However the presence of anomalous platinum and palladium in the weathering profile may be reflecting the presence of low grade disseminated magmatic sulphides.

Although it seems the anomaly identified from the ground EM is not massive magmatic sulphides the exploration methodology is still a valid one. Mithril still believes that drilling shallow aircore holes through the weathering profile overlying mafic/ultramafic bodies to identify chalcophile element enrichment and then using these holes as a vector to concentrate Ground EM or deeper drilling is a solid strategy. In this case there is only moderate upgrading in copper and PGE's overlying the ultramafic body, perhaps if there was significant magmatic mineralisation nearby then these values could be expected to be higher than currently intersected.

Yerda Gravity Target

An agreement with the Far West Coast Native Title Claim Group on EL2842 was finalised in July 2006. In late July a heritage survey was completed, clearing two drill sites and approximately 12km of access routes to the drill sites. These drillhole locations and access tracks are shown in Figure 7 and are targeted on the gravity collected during the PACE initiative. Prior to this heritage survey DEH approved a "Drilling/use of declared equipment" within this portion of the Yellabinna Nature Reserve.

Now that all approvals are in place drilling of these two holes is expected to take place in the new year depending on drill rig availability.

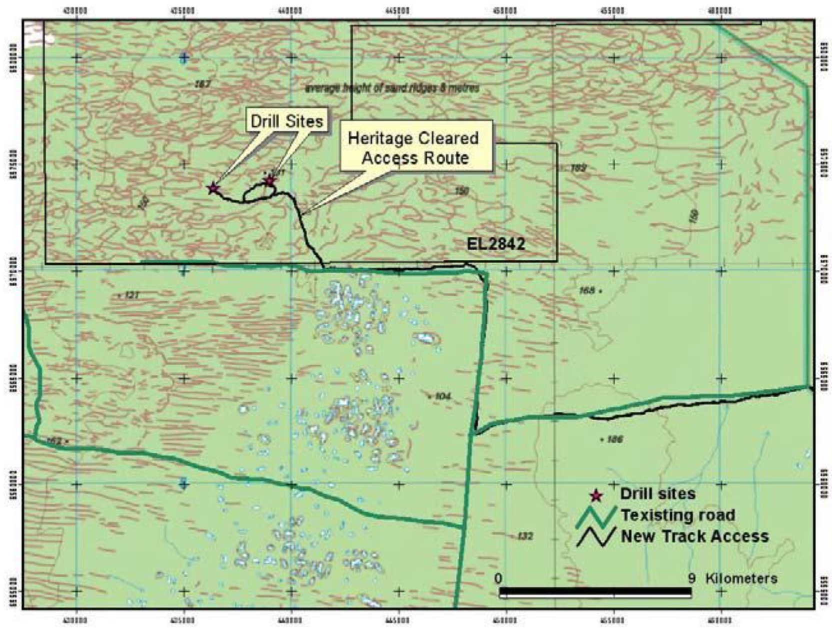

Figure 7: Heritage cleared drillhole and track locations

Rehabilitation

All drillholes and access tracks used for the drilling this year were rehabilitated as per PIRSA's standards. A rehabilitation report can be found in Appendix 6.

Expenditure

The Table below details expenditure incurred on EL2842 during the reporting period.

Activity	**Expenditure AUD$**
APPLICATIONS/FEES/RENTAL	2484
ASSAYS DRILLING	8114
LAND ACCESS	22498
COMMUNICATIONS	742
DRILLING EXPENSES RC	62326
ENVIRONMENTAL - Rehabilitation	1803
FIELD EXPENSES	2000
GEOPHYSICS-GROUND EM	7933
LEGAL FEES	33407
MOTOR VEHICLE	5597
TRAVELLING EXPENSES	1878
COMPUTING CHARGES	2579
SALARIES	80748
MANAGEMENT FEES	27691
TOTAL	**259,800**

Table 6: Annual Expenditure for EL2842

Appendix 1

hole	easting	northing	date drilled	coord type	dip	azimuth	depth	drill type	mag susc	comments
THRC 068	467500	6590830	10/12/2005	Garmin 12XL WGS84	-60	180	112	RC percussion	KT-9 (10e-3)	target ~60m
THRC 069	467500	6590860	11/12/2005	Garmin 12XL WGS84	-60	180	120	RC percussion	KT-9 (10e-3)	target ~90m, cased w 50mm PVC
THRC 070	467600	6590830	13/12/2005	Garmin 12XL WGS84	-60	180	112	RC percussion	KT-9 (10e-3)	orignally planned as THRC 071, target ~60m
THRC 071	467600	6590860	14/12/2005	Garmin 12XL WGS84	-60	180	160	RC percussion	KT-9 (10e-3)	orignally planned as THRC 072, target ~114m, cased w 50mm PVC
THRC 072	467700	6590885	14-15/12/05	Garmin 12XL WGS84	-60	180	178	RC percussion	KT-9 (10e-3)	orignally planned as THRC 075, cased w 50mm PVC

Appendix 2

hole	from	to	colour	rocktype	weather	struct	text	g size	minerals	% sulph	mag sus	comments
THRC 068	0	1	cm	Cc					cb		0.87	Calcrete
THRC 068	1	2	cm	Cc					cb		0.12	Calcrete
THRC 068	2	3	lt bn	Bcy	vw	sf		fg	cy-q-c		0.23	bleached saprolite - weathered G
THRC 068	3	4	lt bn	Bcy	vw	sf		fg	cy-q-c		0.22	bleached saprolite - weathered G
THRC 068	4	5	lt bn	Bcy	vw	sf		fg	cy-q-c		0.32	bleached saprolite - weathered G
THRC 068	5	6	lt bn	G-Bcy	vw	sf		fg-mg	cy-q-c		0.27	bleached saprolite - weathered G
THRC 068	6	7	lt bn	G-Bcy	vw	sf		fg-mg	cy-q-c		0.3	frags sf G in basement derived cy
THRC 068	7	8	lt bn	G-Bcy	vw	sf		fg-mg	cy-q-c		0.25	frags sf G in basement derived cy
THRC 068	8	9	lt bn	G-Bcy	vw	sf		fg-mg	cy-q-c		0.31	frags sf G in basement derived cy
THRC 068	9	10	lt bn	G-Bcy	vw	sf		fg-mg	cy-q-c		0.1	frags sf G in basement derived cy
THRC 068	10	11	lt bn	G-Bcy	vw	sf		fg-mg	cy-q-c		0.16	frags sf G in basement derived cy
THRC 068	11	12	lt bn	G-Bcy	vw	sf		fg-mg	cy-q-c		0.15	frags sf G in basement derived cy
THRC 068	12	13	lt bn	G-Bcy	vw	sf		fg-mg	cy-q-c		0.2	frags sf G in basement derived cy
THRC 068	13	14	lt bn	G-Bcy	vw	sf		fg-mg	cy-q-c		0.13	frags sf G in basement derived cy
THRC 068	14	15	lt bn	G	mw	sf		fg-mg	cy-q-c		0.14	frags sf G in basement derived cy
THRC 068	15	16	lt bn	G	mw	sf		fg-mg	cy-q-c		0.12	frags sf G in basement derived cy
THRC 068	16	17	lt bn	G	mw	sf		fg-mg	cy-q-c		0.1	frags sf G in basement derived cy
THRC 068	17	18	lt bn	G	mw	sf		fg-mg	cy-q-c		0.15	frags sf G in basement derived cy
THRC 068	18	19	lt bn	G	mw	sf		fg-mg	cy-q-c		0.12	frags sf G in basement derived cy
THRC 068	19	20	lt bn	G	mw	sf		fg-mg	cy-q-c		0.15	frags sf G in basement derived cy
THRC 068	20	21	lt bn	G	mw	sf		fg-mg	cy-q-c		0.15	frags sf G in basement derived cy
THRC 068	21	22	lt bn	G	mw	sf		fg-mg	cy-q-c		0.12	frags sf G in basement derived cy
THRC 068	22	23	lt bn	G	mw	sf		fg-mg	cy-q-c		0.31	frags sf G in basement derived cy
THRC 068	23	24	lt bn	G	mw	sf		fg-mg	cy-q-c		0.15	frags sf G in basement derived cy
THRC 068	24	25	lt bn	G	mw	sf		fg-mg	cy-q-c		0.21	frags sf G in basement derived cy
THRC 068	25	26	lt bn	G	mw	sf		fg-mg	cy-q-c		0.24	frags sf G in basement derived cy
THRC 068	26	27	lt bn	G	ww	sf		fg-mg	cy-q-c		0.24	frags sf G in basement derived cy
THRC 068	27	28	lt bn	G	ww	sf		fg-mg	q-cy-c		0.25	frags sf G in basement derived cy
THRC 068	28	29	lt bn	G	ww	sf		fg-mg	q-cy-c		0.34	frags sf G in basement derived cy
THRC 068	29	30	lt bn	G	ww	sf		fg-mg	q-cy-c		0.33	frags sf G in basement derived cy
THRC 068	30	31	lt bn	G	ww	sf		fg-mg	q-cy-c		0.28	frags sf G in basement derived cy
THRC 068	31	32	lt bn	G	ww	sf		fg-mg	q-cy-c		0.17	frags sf G in basement derived cy
THRC 068	32	33	lt bn	G	ww	sf		fg-mg	q-cy-c		0.39	frags sf G in basement derived cy
THRC 068	33	34	kh	G	ww	sf		fg-mg	q-cy-c		0.26	frags sf G in basement derived cy
THRC 068	34	35	kh	G/U	ww	sf		fg-mg	q-cy-c-t		0.46	predom sf G w poss U frags
THRC 068	35	36	kh	U/G	box	sf		fg-mg	t-c-q		1.02	predom sheared U w G frags
THRC 068	36	37	kh	U		sf		fg-mg	t-c-sp	1-2	1.31	sheared peridotite
THRC 068	37	38	kh	U		sf		fg-mg	t-c- +cb		1.21	sheared peridotite w min cb veins
THRC 068	38	39	kh	U		sf		fg-mg	t-sp-c-mt	tr	11.1	sheared peridotite w min cb veins
THRC 068	39	40	gy	U		sf		fg-mg	t-sp-c-mt		7.96	Weakly foliated peridotite w prob mesocumulate text

hole	from	to	colour	rocktype	weather	struct	text	g size	minerals	% sulph	mag sus	comments
THRC 068	40	41	gy	U		wf		fg-mg	t-sp-c-mt		22.1	Weakly foliated peridotite w prob mesocumulate text
THRC 068	41	42	gy	U		wf		fg-mg	t-sp-c-mt		21.7	Weakly foliated peridotite w prob mesocumulate text
THRC 068	42	43	gy	U		wf		fg-mg	t-sp-c-mt		19	Weakly foliated peridotite w prob mesocumulate text
THRC 068	43	44	gy	U		wf		fg-mg	t-sp-c-mt		14.1	Weakly foliated peridotite w prob mesocumulate text
THRC 068	44	45	gy	U		wf		fg-mg	t-sp-c-mt		20.9	Weakly foliated peridotite w prob mesocumulate text
THRC 068	45	46	gy	U		wf		fg-mg	t-sp-c-mt		19.6	Weakly foliated peridotite w prob mesocumulate text
THRC 068	46	47	gy	G		sf		fg-mg	q-c +cb	2-3	1.41	sf G w cb veins and dissem sulph (sometimes cg)
THRC 068	47	48	gy	G		sf		fg-mg	q-c +cb		0.3	sf G w cb veins and dissem sulph (sometimes cg)
THRC 068	48	49	gy	G		sf		fg-mg	q-c +cb	tr	0.45	sf G w cb veins and dissem sulph (sometimes cg)
THRC 068	49	50	gy	G		sf		fg-mg	q-c +cb		0.58	sf G w cb veins and dissem sulph (sometimes cg)
THRC 068	50	51	gy	G		sf		fg-mg	q-c +cb		0.81	sf G w cb veins and dissem sulph (sometimes cg)
THRC 068	51	52	gy	G		sf		fg-mg	q-c +cb		0.51	sf G w cb veins and dissem sulph (sometimes cg)
THRC 068	52	53	gy	G		sf		fg-mg	q-c +cb	tr	0.4	sf G w cb veins and dissem sulph (sometimes cg)
THRC 068	53	54	gy	G		sf		fg-mg	q-c +cb	tr	0.27	sf G w cb veins and dissem sulph (sometimes cg)
THRC 068	54	55	lt gy	G		sf		fg-mg	q-c +cb	tr	0.19	sf G w cb veins and dissem sulph (sometimes cg)
THRC 068	55	56	lt gy	U		sf		fg-mg	t-c +q +cb	tr	0.4	sheared U w min q/cb veins and trace sulph
THRC 068	56	57	lt gy	U		sf		fg-mg	t-c +q +cb		0.41	sheared U w min q/cb veins
THRC 068	57	58	lt gy	U		sf		fg-mg	t-c +q +cb		0.67	sheared U w min q/cb veins
THRC 068	58	59	lt gy	U		sf		fg-mg	t-c +q +cb		0.55	sheared U w min q/cb veins
THRC 068	59	60	lt gy	U		sf		fg-mg	t-c +q +cb		0.64	sheared U w min q/cb veins
THRC 068	60	61	lt gy	U		sf		fg-mg	t-c +q +cb		1.43	sheared U w min q/cb veins
THRC 068	61	62	lt gy	U		sf		fg-mg	t-c-mt +q +cb	1-2	54.1	sheared U w massive magnetite and min q/cb veins +blebby py
THRC 068	62	63	lt gy	U		sf		fg-mg	t-c-mt +q +cb		39.6	sheared U w massive magnetite and min q/cb veins
THRC 068	63	64	lt gy	U		sf		fg-mg	t-c-mt +q +cb		6.5	sheared U w massive magnetite and min q/cb veins
THRC 068	64	65	lt gy	U		sf		fg-mg	t-c-mt +q +cb		5.59	sheared U w massive magnetite and min q/cb veins
THRC 068	65	66	lt gy	U		sf		fg-mg	t-c-mt +q +cb		9.14	sheared U w massive magnetite and min q/cb veins
THRC 068	66	67	lt gy	U		sf		fg-mg	t-c-mt +q +cb		2.35	sheared U w massive magnetite and min q/cb veins
THRC 068	67	68	lt gy	U		sf		fg-mg	t-c-mt +q +cb	tr	32.6	sheared U w massive magnetite and min q/cb veins +tr py
THRC 068	68	69	lt gy	U		sf		fg-mg	t-c-mt +q +cb		0.68	sheared U w massive magnetite and min q/cb veins
THRC 068	69	70	lt gy	U		sf		fg-mg	t-c-mt +q +cb		3.77	sheared U w massive magnetite and min q/cb veins
THRC 068	70	71	lt gy	U		sf		fg-mg	t-c-mt +q +cb		0.94	sheared U w massive magnetite and min q/cb veins
THRC 068	71	72	lt gy	U		sf		fg-mg	t-c-mt +q +cb		5.13	sheared U w massive magnetite and maj q/cb veins
THRC 068	72	73	lt gy	U		sf		fg-mg	t-c-mt +q +cb		6.09	sheared U w massive magnetite and min q/cb veins
THRC 068	73	74	lt gy	U		sf		fg-mg	t-c-mt +q +cb		4.57	sheared U w massive magnetite and min q/cb veins
THRC 068	74	75	lt gy	U		sf		fg-mg	t-c-mt +q +cb		1.44	sheared U w massive magnetite and min q/cb veins
THRC 068	75	76	lt gy	U		sf		fg-mg	t-c-mt +q +cb		4.98	sheared U w massive magnetite and min q/cb veins
THRC 068	76	77	lt gy	U		sf		fg-mg	t-c-mt +q +cb		3.65	sheared U w massive magnetite and min q/cb veins
THRC 068	77	78	lt gy	U		sf		fg-mg	t-c-mt +q +cb		7.5	sheared U w massive magnetite and min q/cb veins
THRC 068	78	79	lt gy	U		sf		fg-mg	t-c-mt +q +cb		8.71	sheared U w massive magnetite and min q/cb veins
THRC 068	79	80	lt gy	U		sf		fg-mg	t-c-mt +q +cb		2.59	sheared U w massive magnetite and min q/cb veins

hole	from	to	colour	rocktype	weather	struct	text	g size	minerals	% sulph	mag sus	comments
THRC 068	80	81	lt gy	U		sf		fg-mg	t-c-mt +q +cb		2.98	sheared U w massive magnetite and min q/cb veins
THRC 068	81	82	lt gy	U		sf		fg-mg	t-c-mt +q +cb		1.45	sheared U w massive magnetite and min q/cb veins
THRC 068	82	83	lt gy	U		sf		fg-mg	t-c-mt +q +cb		1.63	sheared U w massive magnetite and min q/cb veins
THRC 068	83	84	lt gy	U		sf		fg-mg	t-c-mt +q +cb	tr	4.85	sheared U w massive magnetite and min q/cb veins
THRC 068	84	85	lt gy	U		sf		fg-mg	t-c-mt +q +cb		1.31	sheared U w massive magnetite and min q/cb veins +tr py
THRC 068	85	86	lt gy	U		sf		fg-mg	t-c-mt +q +cb	tr	21.4	sheared U w massive magnetite and min q/cb veins
THRC 068	86	87	lt gy	U/G		sf		fg-mg	t-c-q	tr	2.04	mix of U and G some orange q and dissem sulph
THRC 068	87	88	lt gy	U/G		sf		fg-mg	t-c-q		0.93	mix of U and G some orange q
THRC 068	88	89	lt gy	U/G		sf		fg-mg	t-c-q		1.6	mix of U and G some orange q
THRC 068	89	90	lt gy	U/G		sf		fg-mg	t-c-q		1.53	mix of U and G some orange q
THRC 068	90	91	lt gy	G/U		sf		fg-mg	q-c-t	tr	0.95	silicified G mixed with U
THRC 068	91	92	lt gy	G/U		sf		fg-mg	q-c-t		0.86	silicified G mixed with U
THRC 068	92	93	lt gy	G/U		sf		fg-mg	q-c-t		0.84	silicified G mixed with U
THRC 068	93	94	lt gy	G/U		sf		fg-mg	q-c-t		1.02	silicified G mixed with U
THRC 068	94	95	lt gy	U/G		sf		fg-mg	c-t-mt-q		22.3	U w silicified G frags
THRC 068	95	96	lt gy	U/G		sf		fg-mg	c-t-mt-q		8.81	U w silicified G frags
THRC 068	96	97	lt gy	U/G		sf		fg-mg	c-t-mt-q		1.9	U w silicified G frags
THRC 068	97	98	lt gy	U/G		sf		fg-mg	c-t-mt-q		18.6	U w silicified G frags
THRC 068	98	99	lt gy	U/G		sf		fg-mg	c-t-mt-q		20.6	U w silicified G frags
THRC 068	99	100	lt gy	G		sf		fg-mg	q-c		1.58	sf G w orange q
THRC 068	100	101	dk gy	G		sf		fg-mg	q-c		0.88	sf G w orange q
THRC 068	101	102	dk gy	G		sf		fg-mg	q-c		0.86	sf G w orange q
THRC 068	102	103	dk gy	G		sf		fg-mg	q-c		1.34	sf G w orange q
THRC 068	103	104	dk gy	G		sf		fg-mg	q-c		2.17	sf G w orange q
THRC 068	104	105	dk gy	G		sf		fg-mg	q-c		1.65	sf G w orange q
THRC 068	105	106	dk gy	G		sf		fg-mg	q-c		1.18	sf G w orange q
THRC 068	106	107	dk gy	G		sf		fg-mg	q-c		0.72	sf G w orange q
THRC 068	107	108	dk gy	G		sf		fg-mg	q-c		1.83	sf G w orange q
THRC 068	108	109	dk gy	G		sf		fg-mg	q-c		1.53	sf G w orange q
THRC 068	109	110	dk gy	G		sf		fg-mg	q-c		3.53	sf G w orange q
THRC 068	110	111	dk gy	G		sf		fg-mg	q-c		2.48	sf G w orange q
THRC 068	111	112	dk gy	G		sf		fg-mg	q-c		1.17	sf G w orange q
THRC 069	0	1	cm	Csst/Cc				fg-mg			0.92	indurated calcrete and loose sand
THRC 069	1	2	cm	Csst/Cc				fg-mg			0.62	indurated calcrete and loose sand
THRC 069	2	3	cm	Cc/Csl				fg-mg			0.19	indurated calcrete and loose sand
THRC 069	3	4	cm	Bcy-G	vw			fg-mg	cy-q-c?		0.21	calcrete/silcrete
THRC 069	4	5	ltbn	Bcy-G	vw			fg-mg	cy-q-c?		0.19	Bleached saprolite - weathered gneissic basement
THRC 069	5	6	ltbn	Bcy-G	vw			fg-mg	cy-q-c?		0.26	Bleached saprolite - weathered gneissic basement
THRC 069	6	7	ltbn	Bcy-G	vw			fg-mg	cy-q-c?		0.23	Bleached saprolite - weathered gneissic basement
THRC 069	7	8	ltbn	Bcy-G	vw			fg-mg	cy-q-c?		0.26	Bleached saprolite - weathered gneissic basement

hole	from	to	colour	rocktype	weather	struct	text	g size	minerals	% sulph	mag sus	comments
THRC 069	8	9	ltbn	Bcy-G	vw			fg-mg	cy-q-c?		0.26	Bleached saprolite - weathered gneissic basement
THRC 069	9	10	ltbn	Bcy-G	vw			fg-mg	cy-q-c?		0.31	Bleached saprolite - weathered gneissic basement
THRC 069	10	11	bnrd	Bcy-G	mw			fg-mg	cy-q-c?		0.31	Bleached saprolite - weathered gneissic basement
THRC 069	11	12	bnrd	Bcy-G	mw			fg-mg	cy-q-c?		0.17	Bleached saprolite - weathered gneissic basement
THRC 069	12	13	bnrd	Bcy-G	mw			fg-mg	cy-q-c?		0.26	Bleached saprolite - weathered gneissic basement
THRC 069	13	14	bnrd	Bcy-G	mw			fg-mg	cy-q-c?		0.28	Bleached saprolite - weathered gneissic basement
THRC 069	14	15	bnrd	Bcy-G	mw			fg-mg	cy-q-c?		0.29	Bleached saprolite - weathered gneissic basement
THRC 069	15	16	bnrd	Bcy-G	mw			fg-mg	cy-q-c?		0.28	Bleached saprolite - weathered gneissic basement
THRC 069	16	17	ltbn	Bcy-G	mw			fg-mg	cy-q-c?		0.32	Bleached saprolite - weathered gneissic basement
THRC 069	17	18	ltbn	Bcy-G	mw			fg-mg	cy-q-c?		0.22	Bleached saprolite - weathered gneissic basement
THRC 069	18	19	ltbn	Bcy-G	mw			fg-mg	cy-q-c?		0.31	Bleached saprolite - weathered gneissic basement
THRC 069	19	20	ltbn	Bcy-G	mw			fg-mg	cy-q-c?		0.27	Bleached saprolite - weathered gneissic basement
THRC 069	20	21	ltbn	Bcy-G	mw			fg-mg	cy-q-c?		0.28	Bleached saprolite - weathered gneissic basement
THRC 069	21	22	ltbn	Bcy-G	mw			fg-mg	cy-q-c?		0.32	Bleached saprolite - weathered gneissic basement
THRC 069	22	23	ltbn	Bcy-G	mw			fg-mg	cy-q-c?		0.4	Bleached saprolite - weathered gneissic basement
THRC 069	23	24	ltbn	Bcy-G	mw			fg-mg	cy-q-c?		0.49	Bleached saprolite - weathered gneissic basement
THRC 069	24	25	ltbn	Bcy-G	mw			fg-mg	cy-q-c?		0.52	Bleached saprolite - weathered gneissic basement
THRC 069	25	26	ltbn	Bcy-G	mw			fg-mg	cy-q-c?		0.42	Bleached saprolite - weathered gneissic basement
THRC 069	26	27	ltbn	Bcy-G	mw			fg-mg	cy-q-c?		0.47	Bleached saprolite - weathered gneissic basement
THRC 069	27	28	ltbn	G	ww	sf		fg-mg	q-c?		0.53	silicified, sf G
THRC 069	28	29	ltbn	G	ww	sf		fg-mg	q-c?		0.46	silicified, sf G
THRC 069	29	30	ltbn	G	ww	sf		fg-mg	q-c?		0.46	silicified, sf G
THRC 069	30	31	ltbn	G	ww	sf		fg-mg	q-c?		0.39	silicified, sf G
THRC 069	31	32	ltbn	G	ww	sf		fg-mg	q-c?		0.37	silicified, sf G
THRC 069	32	33	ltbn	G	ww	sf		fg-mg	q-c?		0.5	silicified, sf G
THRC 069	33	34	ltbn	G	ww	sf		fg-mg	q-c?		0.57	silicified, sf G
THRC 069	34	35	kh	G	ww	sf		fg-mg	q-c?		0.53	silicified, sf G
THRC 069	35	36	kh	G	ww	sf		fg-mg	q-c?		0.57	silicified, sf G
THRC 069	36	37	kh	G	ww	sf		fg-mg	q-c?		0.71	silicified, sf G
THRC 069	37	38	kh	G	ww	sf		fg-mg	q-c?		0.29	silicified, sf G
THRC 069	38	39	kh	G	ww	sf		fg-mg	q-c?		0.59	silicified, sf G
THRC 069	39	40	kh	G	ww	sf		fg-mg	q-c?		0.5	silicified, sf G
THRC 069	40	41	bn	G	ww	sf		fg-mg	q-c?		0.42	silicified, sf G
THRC 069	41	42	bn	G	box	sf		fg-mg	q-c?		0.65	silicified, sf G
THRC 069	42	43	gy	Gf		sf		fg-mg	q-c		0.65	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	43	44	gy	Gf		sf		fg-mg	q-c		0.59	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	44	45	gy	Gf		sf		fg-mg	q-c		0.22	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	45	46	gy	Gf		sf		fg-mg	q-c		0.82	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	46	47	gy	Gf		sf		fg-mg	q-c		0.44	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	47	48	gy	Gf		sf		fg-mg	q-c		1.05	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures

hole	from	to	colour	rocktype	weather	struct	text	g size	minerals	% sulph	mag sus	comments
THRC 069	48	49	gy	Gf		sf		fg-mg	q-c		0.87	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	49	50	gy	Gf		sf		fg-mg	q-c		0.86	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	50	51	gy	Gf		sf		fg-mg	q-c		0.7	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	51	52	gy	Gf		sf		fg-mg	q-c		0.7	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	52	53	gy	Gf		sf		fg-mg	q-c		0.64	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	53	54	gy	Gf		sf		fg-mg	q-c		0.59	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	54	55	gy	Gf		sf		fg-mg	q-c		0.95	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	55	56	gy	Gf		sf		fg-mg	q-c		1.73	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	56	57	gy	Gf		sf		fg-mg	q-c		0.31	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	57	58	gy	Gf		sf		fg-mg	q-c		0.93	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	58	59	gy	Gf		sf		fg-mg	q-c		0.1	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	59	60	gy	Gf		sf		fg-mg	q-c		0.17	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	60	61	gy	Gf		sf		fg-mg	q-c		0.43	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	61	62	gy	Gf		sf		fg-mg	q-c		0.49	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	62	63	gy	Gf		sf		fg-mg	q-c		0.86	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	63	64	gy	Gf		sf		fg-mg	q-c		1.54	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	64	65	gy	Gf		sf		fg-mg	q-c		0.1	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	65	66	gy	Gf		sf		fg-mg	q-c		1.76	fresh, silicified felsic G, occ q banding, v hard - concoidal fractures
THRC 069	66	67	gy	Gf		sf		fg-mg	q-c	tr	1.72	as above w tr py fg, dissem
THRC 069	67	68	gy	Gf		sf		fg-mg	q-c		0.6	as above w tr py fg, dissem
THRC 069	68	69	gy	Gf/U		sf		fg-mg	q-c +t		1.18	as above, no py, min t
THRC 069	69	70	gy	Gf/U		sf		fg-mg	q-c +t	tr	0.56	as above, tr fg dissem py
THRC 069	70	71	gy	Gf/U		sf		fg-mg	q-c +t		0.18	as above min t, no py
THRC 069	71	72	gy	Upd		sf		fg-mg	t-c-mt-cb		22.5	sheared peridotite, min cb veins
THRC 069	72	73	gy	U-Gf		sf		fg-mg	t-cq-cb		2.97	mix of sheared U and silicified G
THRC 069	73	74	gy	U-Gf		sf		fg-mg	t-cq-cb		1.48	mix of sheared U and silicified G
THRC 069	74	75	gy	U-Gf		sf		fg-mg	t-cq-cb	1-2	2.27	as above w fg dissem sulph - poss two species of sulph *get thinny
THRC 069	75	76	gy	G		sf		fg-mg	q-c-p?		1.42	G w abund - orange q
THRC 069	76	77	gy	U/G		sf		fg-mg	c-t-cb	vtr	0.82	mix of sheared U and G, vtr sulph
THRC 069	77	78	gy	U/G		sf		fg-mg	c-t-cb	vtr	1.11	mix of sheared U and G, vtr sulph
THRC 069	78	79	gy	U/G		sf		fg-mg	c-t-cb		0.77	mix of sheared U and G
THRC 069	79	80	gy	G/U		sf		fg-mg	q-c- +cb +t	1	0.72	mix of sheared G and U , min stringer py in q-cb veins
THRC 069	80	81	gy	G		sf		fg-mg	q-c-cb		2.13	silicified Gf with Cb veins
THRC 069	81	82	gy	G		sf		fg-mg	q-c-cb		2.02	silicified Gf with Cb veins
THRC 069	82	83	gy	G		sf		fg-mg	q-c-cb		1	silicified Gf with Cb veins
THRC 069	83	84	gy	G		sf		fg-mg	q-c-cb		1.05	silicified Gf with Cb veins
THRC 069	84	85	gy	G		sf		fg-mg	q-c-cb		0.57	silicified Gf with Cb veins
THRC 069	85	86	gy	G		sf		fg-mg	q-c-cb		0.93	silicified Gf with Cb veins
THRC 069	86	87	gy	G		sf		fg-mg	q-c-cb		0.73	silicified Gf with Cb veins
THRC 069	87	88	gy	G		sf		fg-mg	q-c-cb		1.03	silicified Gf with Cb veins

hole	from	to	colour	rocktype	weather	struct	text	g size	minerals	% sulph	mag sus	comments
THRC 069	88	89	dkgy	Upd		wf	mc	fg-mg	sp-mt-t +cb		11.6	weakly foliated peridotite w prob relict meos-cumulate texture and min cb veins
THRC 069	89	90	dkgy	Upd		wf	mc	fg-mg	sp-mt-t +cb		2.2	weakly foliated peridotite w prob relict meos-cumulate texture and min cb veins
THRC 069	90	91	dkgy	Upd		wf	mc	fg-mg	sp-mt-t +cb		35	weakly foliated peridotite w prob relict meos-cumulate texture and min cb veins
THRC 069	91	92	gngy	Upd		wf	mc	fg-mg	sp-mt-t +cb		19	weakly foliated peridotite w prob relict meos-cumulate texture and min cb veins
THRC 069	92	93	gngy	Upd		wf	mc	fg-mg	sp-mt-t +cb		37.3	weakly foliated peridotite w prob relict meos-cumulate texture and min cb veins
THRC 069	93	94	gngy	Upd		wf	mc	fg-mg	sp-mt-t +cb		33	weakly foliated peridotite w prob relict meos-cumulate texture and min cb veins
THRC 069	94	95	dkgy	Upd		wf	mc	fg-mg	sp-mt-t +cb		30.1	weakly foliated peridotite w prob relict meos-cumulate texture and min cb veins
THRC 069	95	96	dkgy	Upd		wf	mc	fg-mg	sp-mt-t +cb		22.6	weakly foliated peridotite w prob relict meos-cumulate texture and min cb veins
THRC 069	96	97	dkgy	Upd		wf	mc	fg-mg	sp-mt-t +cb		21.2	weakly foliated peridotite w prob relict meos-cumulate texture and min cb veins
THRC 069	97	98	gy	U/G		wf		fg-mg	t-c-q +cb	tr	2.15	mix of sheared U and G w cb veins, tr py
THRC 069	98	99	gy	U/G		sf		fg-mg	t-c-q +cb	tr	0.9	mix of sheared U and G w cb veins, tr py
THRC 069	99	100	gy	G		sf		fg-mg	q-c +cb	tr	1.22	G w tr py and sil/cb veins
THRC 069	100	101	bk	G		sf		fg-mg	q-c	10-12	25.1	silicified G mod q veining +abund py as dissem and veinlets
THRC 069	101	102	dkgy	G		sf		fg-mg	q-c	1-2	6.68	as above, + orange q and less sulph
THRC 069	102	103	ltgy-rd	G		sf		fg-mg	q-c		2.94	no sulph, orange q decreasing down hole
THRC 069	103	104	ltgy-rd	G		sf		fg-mg	q-c		2.19	no sulph, orange q decreasing down hole
THRC 069	104	105	ltgy-rd	G		sf		fg-mg	q-c		2.54	no sulph, orange q decreasing down hole
THRC 069	105	106	ltgy-rd	G		sf		fg-mg	q-c		2.11	no sulph, orange q decreasing down hole
THRC 069	106	107	gy	G		sf		fg-mg	q-c		1.09	no sulph, orange q decreasing down hole
THRC 069	107	108	gy	U/G		sf		fg-mg	c-q-t +cb	tr	0.78	Mix of sheared U and G. more U towards bottom of interval
THRC 069	108	109	gy	U/G		sf		fg-mg	c-q-t +cb	tr	0.16	Mix of sheared U and G. more U towards bottom of interval
THRC 069	109	110	gy	U/G		sf		fg-mg	c-q-t +cb	tr	0.27	Mix of sheared U and G. more U towards bottom of interval
THRC 069	110	111	gy	U/G		sf		fg-mg	c-q-t +cb	tr	0.13	Mix of sheared U and G. more U towards bottom of interval
THRC 069	111	112	gy	U/G		sf		fg-mg	c-q-t +cb	tr	1.13	Mix of sheared U and G. more U towards bottom of interval
THRC 069	112	113	gy	U/G		sf		fg-mg	c-q-t +cb	tr	2.57	Mix of sheared U and G. more U towards bottom of interval
THRC 069	113	114	gy	U/G		sf		fg-mg	c-q-t +cb	tr	5.19	Mix of sheared U and G. more U towards bottom of interval
THRC 069	114	115	gy	U		sf		fg-mg	t-c +cb	tr	6.59	sheared U trace dissem py, minor cb veins
THRC 069	115	116	gy	U		sf		fg-mg	t-c +cb	tr	5.52	sheared U trace dissem py, minor cb veins
THRC 069	116	117	gy	U		sf		fg-mg	t-c +cb	tr	4.15	sheared U trace dissem py, minor cb veins
THRC 069	117	118	gy	U		sf		fg-mg	t-c +cb	tr	0.48	sheared U trace dissem py, minor cb veins
THRC 069	118	119	gy	U		sf		fg-mg	t-c +cb	tr	0.9	sheared U trace dissem py, minor cb veins
THRC 069	119	120	gy	U		sf		fg-mg	t-c +cb	tr	3.6	sheared U trace dissem py, minor cb veins
THRC 070	0	1	cm	Ccb					cb		0.91	calcrete
THRC 070	1	2	cm	Ccb/sil					cb-q		0.56	cal/silcrete
THRC 070	2	3	bn	Bcy/Bsil (U	sw			fg	cy		1.16	sil cap after U
THRC 070	3	4	bn	Bcy/Bsil (U	sw			fg	cy		1.26	sil cap after U
THRC 070	4	5	bn	Bcy/Bsil (U	sw			fg	cy		1.86	sil cap after U
THRC 070	5	6	bn	Bcy/Bsil (U	sw			fg	cy		2.59	sil cap after U
THRC 070	6	7	bn	Bcy/Bsil (U	sw			fg	cy		1.91	sil cap after U
THRC 070	7	8	bn	Bcy/Bsil (U	sw			fg	cy		3.69	sil cap after U

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THRC 070	8	9	bn	Bcy/Bsil (U	sw			fg	cy		5.39	sil cap after U
THRC 070	9	10	bn	Bcy (G)	sw			fg	cy		2.7	Deeply weathered cy w G frags
THRC 070	10	11	bn	Bcy (G)	sw			fg	cy		0.7	Deeply weathered cy w G frags
THRC 070	11	12	bn	Bcy(U)	sw			fg	cy		0.92	cy after U
THRC 070	12	13	dk bn	Bcy(U)	sw			fg	cy		9.58	cy after U
THRC 070	13	14	dk bn	Bcy(U)	sw			fg	cy		24.9	cy after U
THRC 070	14	15	dk bn	Bcy(U)	sw			fg	cy		17.3	cy after U
THRC 070	15	16	dk bn	Bcy(U)	sw			fg	cy		8.84	cy after U
THRC 070	16	17	dk gy bn	Bcy(U)	sw			fg	cy		17	cy after U
THRC 070	17	18	dk gy bn	Bcy(U)	sw			fg	cy		14.6	cy after U
THRC 070	18	19	dk gy bn	Bcy(U)	sw			fg	cy		16.1	cy after U
THRC 070	19	20	dk gy bn	Bcy(U)	sw			fg	cy		16.1	cy after U
THRC 070	20	21	dk gy bn	Bcy(U)	sw			fg	cy		13.2	cy after U
THRC 070	21	22	dk gy bn	Bcy(U)	sw			fg	cy		21.5	cy after U
THRC 070	22	23	dk gy bn	Bcy(U)	sw			fg	cy		14.1	cy after U
THRC 070	23	24	dk gy bn	Bcy(U)	sw			fg	cy		13	cy after U
THRC 070	24	25	dk gy bn	Bcy(U)	sw			fg	cy		11.9	cy after U
THRC 070	25	26	dk gy bn	Bcy(U)	sw			fg	cy		12.4	cy after U
THRC 070	26	27	kh	Bcy(U)	sw			fg	cy		13.1	cy after U
THRC 070	27	28	kh	Bcy/U	mw			fg	cy-t-c		10.8	Mod weathered U and cy after U
THRC 070	28	29	kh	Bcy/U	mw			fg-mg	cy-t-c		12.5	Mod weathered U and cy after U
THRC 070	29	30	kh	Bcy/U	mw			fg-mg	cy-t-c		12.4	Mod weathered U and cy after U
THRC 070	30	31	gy	Bcy/U	mw			fg-mg	cy-t-c		13.5	Mod weathered U and cy after U
THRC 070	31	32	gy	Bcy (U)	sw			fg	cy		12.1	cy after U
THRC 070	32	33	dk gy	Bcy (U)	sw			fg	cy		14.1	cy after U
THRC 070	33	34	dk gy	Bcy (U)	sw			fg	cy		9.11	cy after U
THRC 070	34	35	dk gy	Bcy (U)	sw			fg	cy		12.5	cy after U
THRC 070	35	36	dk gy	Bcy (U)	sw			fg	cy		9.72	cy after U
THRC 070	36	37	dk gy	Bcy (U)	sw			fg	cy		9.57	cy after U
THRC 070	37	38	dk gy	Bcy (U)	sw			fg	cy		11.9	cy after U
THRC 070	38	39	gn	Bcy/U	mw			fg	cy-t-c +cb		7.22	mod weather U frags in cy after U, some cb veins
THRC 070	39	40	gn	Bcy/U	mw			fg-mg	cy-t-c +cb		3.4	mod weather U frags in cy after U, some cb veins
THRC 070	40	41	gy	Bcy/U	mw			fg-mg	cy-t-c +cb		8.49	mod weather U frags in cy after U, some cb veins
THRC 070	41	42	gn	Bcy/U	mw			fg-mg	cy-t-c +cb		7.09	mod weather U frags in cy after U, some cb veins
THRC 070	42	43	gy	Bcy/U	mw			fg-mg	cy-t-c +cb		11	mod weather U frags in cy after U, some cb veins
THRC 070	43	44	gy	Bcy/U	mw			fg-mg	cy-t-c +cb		9.91	mod weather U frags in cy after U, some cb veins
THRC 070	44	45	gy	U-sil/cb	ww			fg-mg	t-c +cb +q		30.9	Silicified U w q/cb/veins
THRC 070	45	46	gy	U-sil/cb	ww	sf		fg-mg	t-c +cb +q		8.74	Silicified U w q/cb/veins
THRC 070	46	47	gn	U-sil/cb	ww	sf		fg-mg	t-c +cb +q		3.67	Silicified U w q/cb/veins
THRC 070	47	48	gn	U-sil/cb	ww	sf		fg-mg	t-c +cb +q		1.28	Silicified U w q/cb/veins

hole	from	to	colour	rocktype	weather	struct	text	g size	minerals	% sulph	mag sus	comments
THRC 070	48	49	gn	U-sil/cb	ww	sf		fg-mg	t-c +cb +q		1.31	Silicified U w q/cb/veins
THRC 070	49	50	ltgn	U-sil/cb	ww	sf		fg-mg	t-c +cb +q		1.4	Silicified U w q/cb/veins
THRC 070	50	51	gngy	U-sil/cb	ww	sf		fg-mg	t-c		1.9	sf U
THRC 070	51	52	gngy	U-sil/cb	ww	sf		fg-mg	t-c		2.79	sf U
THRC 070	52	53	gngy	U-sil/cb	ww	sf		fg-mg	t-c		1.02	sf U
THRC 070	53	54	gngy	U-sil/cb	ww	sf		fg-mg	t-c		1.01	sf U
THRC 070	54	55	gngy	U-sil/cb	box	sf		fg-mg	t-c		1.24	sf U
THRC 070	55	56	gy	U-sil/cb		sf		fg-mg	t-c		5.08	sf U
THRC 070	56	57	gy	U-sil/cb		sf		fg-mg	t-c		9.17	sf U
THRC 070	57	58	gy	U-sil/cb		sf		fg-mg	t-c		44.7	sf U
THRC 070	58	59	gy	U-sil/cb		sf		fg-mg	t-c		33.6	sf U
THRC 070	59	60	gy	U-sil/cb		sf		fg-mg	t-c		33.5	sf U
THRC 070	60	61	gy	U-sil/cb		sf		fg-mg	t-c		25.7	sf U
THRC 070	61	62	gy	U-sil/cb		sf		fg-mg	t-c		49.7	sf U
THRC 070	62	63	gy	U-sil/cb		sf		fg-mg	t-c		27.9	sf U
THRC 070	63	64	gy	U-sil/cb		sf		fg-mg	t-c		14	sf U
THRC 070	64	65	gngy	U-sil/cb		sf		fg-mg	t-c		1.06	sf U
THRC 070	65	66	gngy	U-sil/cb		sf		fg-mg	t-c		11.6	sf U
THRC 070	66	67	gy	U-sil/cb		sf		fg-mg	t-c		22.7	sf U
THRC 070	67	68	gy	U-sil/cb		sf		fg-mg	t-c		12.9	sf U
THRC 070	68	69	gy	U-sil/cb		sf		fg-mg	t-c		8.6	sf U
THRC 070	69	70	gy	U-sil/cb		sf		fg-mg	t-c		0.84	sf U
THRC 070	70	71	gy	G		sf		fg-mg	q-b-c		1.61	sf G w tr py at base
THRC 070	71	72	gy	G		sf		fg-mg	q-b-c		1.72	sf G w tr py at base
THRC 070	72	73	ltgy-pk	G		sf		fg-mg	q-b-c	tr	2.12	sf G w tr py at base
THRC 070	73	74	ltgy-pk	G		sf		fg-mg	q-b-c	tr	0.61	sf G w tr py at base
THRC 070	74	75	gy	G		sf		fg-mg	q-b-c +cb	tr	1.62	sf G w tr py at base
THRC 070	75	76	gy	U/G		sf		fg-mg	t-c-q		0.93	mix of U and G
THRC 070	76	77	ltgy-pk	G		sf		fg-mg	q-b		1.59	mix of U and G
THRC 070	77	78	ltgy-pk	G		sf		fg-mg	q-b		3.01	mix of U and G
THRC 070	78	79	ltgy-pk	G		sf		fg-mg	q-b		1.98	mix of U and G
THRC 070	79	80	ltgy-pk	G		sf		fg-mg	q-b-mt		2.14	mix of U and G
THRC 070	80	81	gy	G		sf		fg-mg	q-b-mt		1.62	mix of U and G
THRC 070	81	82	gy	G		sf		fg-mg	q-b-mt		1.39	mix of U and G
THRC 070	82	83	gy	G		sf		fg-mg	q-b-mt		0.99	mix of U and G
THRC 070	83	84	gy	G		sf		fg-mg	q-b-mt		0.94	mix of U and G
THRC 070	84	85	gy	G		sf		fg-mg	q-b-mt	tr	1.26	mix of U and G
THRC 070	85	86	gy	G		sf		fg-mg	q-b-mt		0.88	mix of U and G
THRC 070	86	87	gy	G		sf		fg-mg	q-b-mt		2.35	mix of U and G
THRC 070	87	88	gy	U		sf		fg-mg	t-c-mt		2.77	mix of U and G

hole	from	to	colour	rocktype	weather	struct	text	g size	minerals	% sulph	mag sus	comments
THRC 070	88	89	gy	U/G		sf		fg-mg	t-c-mt-q		9.71	mix of U and G
THRC 070	89	90	gngy	U		sf		fg-mg	t-c-mt-q		3.4	mix of U and G
THRC 070	90	91	gngy	U		sf		fg-mg	t-c-mt-q		25.5	mix of U and G
THRC 070	91	92	gngy	U		sf		fg-mg	t-c-mt-q		7.22	mix of U and G
THRC 070	92	93	gngy	Upd		mf		fg-mg	c-sp-t-mt		29.7	mf peridotite w relict o
THRC 070	93	94	gngy	Upd		mf		fg-mg	c-sp-t-mt		33.2	mf peridotite w relict o
THRC 070	94	95	dkgy	Upd		mf		fg-mg	c-sp-t-mt		31	mf peridotite w relict o
THRC 070	95	96	dkgy	Upd		mf		fg-mg	c-sp-t-mt		35.9	mf peridotite w relict o
THRC 070	96	97	dkgy	Upd		mf		fg-mg	c-sp-t-mt		20.9	mf peridotite w relict o
THRC 070	97	98	ltgy	U		sf		fg-mg	c-t-mt		6.61	sf U
THRC 070	98	99	ltgy	U		sf		fg-mg	c-t-mt	tr	6.15	sf U
THRC 070	99	100	ltgy	U		sf		fg-mg	c-t-mt	1-2	6.54	sf U
THRC 070	100	101	ltgy	U		sf		fg-mg	t-c-cb	tr	1.22	sf U
THRC 070	101	102	ltgy	U		sf		fg-mg	t-c-cb	1	0.83	sf U w cb veining
THRC 070	102	103	ltgy	U		sf		fg-mg	t-c-cb		1.68	sf U w cb veining
THRC 070	103	104	ltgy	U		sf		fg-mg	sp-mt		1.28	sf U w cb veining
THRC 070	104	105	gy ltpk	G/U		sf		fg-mg	q-b-t		1.64	Mix of sf G and U
THRC 070	105	106	gy ltpk	G/U		sf		fg-mg	q-b-t		3.24	Mix of sf G and U
THRC 070	106	107	gy ltpk	G/U		sf		fg-mg	q-b-t		1.26	Mix of sf G and U
THRC 070	107	108	gy ltpk	G/U		sf		fg-mg	q-b-t		0.88	Mix of sf G and U
THRC 070	108	109	gy ltpk	G		sf		fg-mg	q-b		1.66	sf G
THRC 070	109	110	gy ltpk	G		sf		fg-mg	q-b		1.33	sf G
THRC 070	110	111	gy ltpk	G		sf		fg-mg	q-b		0.77	sf G
THRC 070	111	112	gy ltpk	G		sf		fg-mg	q-b		1.49	sf G
THRC 071	0	1	cm	Cc					cb-cy		0.38	calcrete cap
THRC 071	1	2	cm	Cc					cb-cy		0.56	calcrete cap
THRC 071	2	3	cm	Cc					cb-cy		0.37	calcrete cap
THRC 071	3	4	bn-rd	G	vw	sf		fg-mg	q-cy		0.21	weathered G
THRC 071	4	5	bn-rd	G	vw	sf		fg-mg	q-cy		0.33	weathered G
THRC 071	5	6	bn-rd	G	vw	sf		fg-mg	q-cy		0.18	weathered G
THRC 071	6	7	bn-rd	G	vw	sf		fg-mg	q-cy		0.16	weathered G
THRC 071	7	8	bn-rd	G	vw	sf		fg-mg	q-cy		0.17	weathered G
THRC 071	8	9	bn-rd	G	vw	sf		fg-mg	q-cy		0.19	weathered G
THRC 071	9	10	bn-rd	G	vw	sf		fg-mg	q-cy		0.22	weathered G
THRC 071	10	11	bn-rd	G	vw	sf		fg-mg	q-cy		0.27	weathered G
THRC 071	11	12	bn-rd	G	vw	sf		fg-mg	q-cy		0.23	weathered G
THRC 071	12	13	ltbn	G	mw	sf		fg-mg	q-cy		0.17	weathered G
THRC 071	13	14	ltbn	G	mw	sf		fg-mg	q-cy		0.17	weathered G
THRC 071	14	15	bn	G	mw	sf		fg-mg	q-cy		0.2	weathered G
THRC 071	15	16	bn	G	mw	sf		fg-mg	q-cy		0.2	weathered G

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THRC 071	16	17	bn	G	mw	sf		fg-mg	q-cy		0.25	weathered G
THRC 071	17	18	bn	G	mw	sf		fg-mg	q-cy		0.25	weathered G
THRC 071	18	19	bn	G	mw	sf		fg-mg	q-cy		0.27	weathered G
THRC 071	19	20	bn	G	mw	sf		fg-mg	q-cy		0.26	weathered G
THRC 071	20	21	payl	G	mw	sf		fg-mg	q-cy		0.32	weathered G
THRC 071	21	22	payl	G	mw	sf		fg-mg	q-cy +c		0.31	weathered G
THRC 071	22	23	payl	G	mw	sf		fg-mg	q-cy +c		0.39	weathered G
THRC 071	23	24	payl	G	mw	sf		fg-mg	q-cy +c		0.29	weathered G
THRC 071	24	25	payl	G	mw	sf		fg-mg	q-cy +c		0.26	weathered G
THRC 071	25	26	payl	G	mw	sf		fg-mg	q-cy +c		0.28	weathered G
THRC 071	26	27	payl	G	mw	sf		fg-mg	q-cy +c		0.37	weathered G
THRC 071	27	28	payl	G	mw	sf		fg-mg	q-cy +c		0.24	weathered G
THRC 071	28	29	payl	G	mw	sf		fg-mg	q-cy +c		0.29	weathered G
THRC 071	29	30	payl	G	mw	sf		fg-mg	q-cy +c		0.31	weathered G
THRC 071	30	31	yl-gn	G	mw	sf		fg-mg	q-cy +c		0.32	weathered G
THRC 071	31	32	yl-gn	G	mw	sf		fg-mg	q-cy +c		0.38	weathered G
THRC 071	32	33	yl-gn	G	ww	sf		fg-mg	q-c-cy		0.35	weathered G
THRC 071	33	34	yl-gn	G	ww	sf		fg-mg	q-c-cy		0.39	weathered G
THRC 071	34	35	yl-gn	G	ww	sf		fg-mg	q-c-cy		0.32	weathered G
THRC 071	35	36	yl-gn	G	ww	sf		fg-mg	q-c-cy		0.35	weathered G
THRC 071	36	37	yl-gn	G	ww	sf		fg-mg	q-c-cy		0.36	weathered G
THRC 071	37	38	yl-gn	G	ww	sf		fg-mg	q-c-cy		0.42	weathered G
THRC 071	38	39	yl-gn	G	ww	sf		fg-mg	q-c-cy		0.39	weathered G
THRC 071	39	40	yl-gn	G	ww	sf		fg-mg	q-c-cy		0.43	weathered G
THRC 071	40	41	yl-gn	G	ww	sf		fg-mg	q-c-cy		0.35	weathered G
THRC 071	41	42	yl-gn	G	ww	sf		fg-mg	q-c-cy		0.58	weathered G
THRC 071	42	43	yl-gn	G	ww	sf		fg-mg	q-c-cy		0.42	weathered G
THRC 071	43	44	yl-gn	G	box	sf		fg-mg	q-c-cy		0.68	box
THRC 071	44	45	gy-bn	G		sf		fg-mg	q-c		0.21	fresh G
THRC 071	45	46	gy-bn	G		sf		fg-mg	q-c		0.07	fresh G
THRC 071	46	47	gy-bn	G		sf		fg-mg	q-c		0.72	fresh G
THRC 071	47	48	gy-bn	G		sf		fg-mg	q-c		0.99	fresh G
THRC 071	48	49	gy-bn	G		sf		fg-mg	q-c		0.95	fresh G
THRC 071	49	50	gy-bn	G		sf		fg-mg	q-c		0.75	fresh G
THRC 071	50	51	gy-bn	G		sf		fg-mg	q-c		0.82	fresh G
THRC 071	51	52	gy	G		sf		fg-mg	q-c		1.13	fresh G
THRC 071	52	53	gy	G		sf		fg-mg	q-c		1.55	fresh G
THRC 071	53	54	gy	G		sf		fg-mg	q-c		1.41	fresh G
THRC 071	54	55	gy	G		sf		fg-mg	q-c		0.96	fresh G
THRC 071	55	56	gy	G		sf		fg-mg	q-c		1.03	fresh G

hole	from	to	colour	rocktype	weather	struct	text	g size	minerals	% sulph	mag sus	comments
THRC 071	56	57	gy	G		sf		fg-mg	q-c		0.74	fresh G
THRC 071	57	58	gy	G		sf		fg-mg	q-c		0.75	fresh G
THRC 071	58	59	gy	G		sf		fg-mg	q-c		1.17	G w common sil veining
THRC 071	59	60	gy	Ga		sf		fg-mg	c-a-q	1-2	1.36	Amphibolite, sf w min sulph
THRC 071	60	61	gy	Ga		sf		fg-mg	c-a-q	tr	1.15	as above, less sulph
THRC 071	61	62	gy	Ga		sf		fg-mg	c-a-q	tr	1.33	as above, less sulph
THRC 071	62	63	gy	Ga		sf		fg-mg	q-c-a	tr	1.86	heavily q veined amphib
THRC 071	63	64	gy	G		sf		fg-mg	q-c		2.1	v hard sil rich G
THRC 071	64	65	gy	G		sf		fg-mg	q-c		1.48	v hard sil rich G
THRC 071	65	66	gy	G		sf		fg-mg	q-c		1.15	v hard sil rich G
THRC 071	66	67	gy	G		sf		fg-mg	q-c		1.18	v hard sil rich G
THRC 071	67	68	gy	G		sf		fg-mg	q-c		1.71	v hard sil rich G
THRC 071	68	69	gy	G		sf		fg-mg	q-c		2.08	v hard sil rich G
THRC 071	69	70	gy	G		sf		fg-mg	q-c		0.84	v hard sil rich G
THRC 071	70	71	gy	G		sf		fg-mg	q-c		1.06	v hard sil rich G
THRC 071	71	72	gy	G		sf		fg-mg	q-c		1.26	v hard sil rich G
THRC 071	72	73	gy	G		sf		fg-mg	q-c		1.45	v hard sil rich G
THRC 071	73	74	gy	G		sf		fg-mg	q-c		0.57	v hard sil rich G
THRC 071	74	75	gy	G		sf		fg-mg	q-c		1.1	v hard sil rich G
THRC 071	75	76	gy	G		sf		fg-mg	q-c		0.35	v hard sil rich G
THRC 071	76	77	gy	G		sf		fg-mg	q-c		0.42	v hard sil rich G
THRC 071	77	78	gy	G		sf		fg-mg	q-c		2.23	v hard sil rich G
THRC 071	78	79	gy	G		sf		fg-mg	q-c		1.41	v hard sil rich G
THRC 071	79	80	gy	G		sf		fg-mg	q-c		0.8	v hard sil rich G
THRC 071	80	81	gy	G		sf		fg-mg	q-c		0.45	v hard sil rich G
THRC 071	81	82	gy	G		sf		fg-mg	q-c		0.99	v hard sil rich G
THRC 071	82	83	gy	G		sf		fg-mg	q-c		1.15	v hard sil rich G
THRC 071	83	84	gy	G?		sf		fg-mg	c-q		1.11	c rich interval, G?
THRC 071	84	85	gy	G?		sf		fg-mg	c-q		1.34	c rich interval, G?
THRC 071	85	86	gy	G?		sf		fg-mg	c-q		0.78	sil rich G
THRC 071	86	87	gy	G?		sf		fg-mg	c-q		0.96	sil rich G
THRC 071	87	88	gy	G?		sf		fg-mg	c-q		0.41	sil rich G
THRC 071	88	89	gy	G/U?		sf		fg-mg	q-c- +t		0.18	mix of G + c-rich U
THRC 071	89	90	gy	G/U?		sf		fg-mg	q-c- +t		0.32	mix of G + c-rich U, heavily q veined
THRC 071	90	91	gy	G/U?		sf		fg-mg	q-c- +t		0.49	mix of G + c-rich U, heavily q veined
THRC 071	91	92	gy	q		sf		fg-mg	q +c		2.83	mix of G + c-rich U, heavily q veined
THRC 071	92	93	gy	Upd		sf		fg-mg	sp-mt-c		13	vein orange and wt q
THRC 071	93	94	gy	Upd		sf		fg-mg	c-t-sp	tr	17.6	serpd U
THRC 071	94	95	gy	Upd		sf		fg-mg	c-t-sp	tr	30.4	c and t rich U
THRC 071	95	96	gy	Upd		sf		fg-mg	c-t-sp	tr	28.3	c and t rich U

hole	from	to	colour	rocktype	weather	struct	text	g size	minerals	% sulph	mag sus	comments
THRC 071	96	97	gy	Upd		sf		fg-mg	c-t-sp	tr	26.2	c and t rich U, + min G frags
THRC 071	97	98	gy	Upd		sf		fg-mg	c-t-sp	tr	23.7	c and t rich U
THRC 071	98	99	gy	Upd		sf		fg-mg	c-t-sp	tr	9.22	c and t rich U
THRC 071	99	100	gy	Upd		sf		fg-mg	c-t-sp	tr	8.59	c and t rich U
THRC 071	100	101	gy	U/G		sf		fg-mg	c-q-t		0.66	mix of U and G sheared
THRC 071	101	102	gy	G		sf		fg-mg	q		1.42	bn sil interval
THRC 071	102	103	gy	G		sf		fg-mg	c-q		0.52	c rich G
THRC 071	103	104	gy	G		sf		fg-mg	c-q		0.62	c rich G
THRC 071	104	105	gy	G		sf		fg-mg	c-q		0.91	c rich G
THRC 071	105	106	gy	G		sf		fg-mg	c-q		0.21	c rich G
THRC 071	106	107	gy	Upd		sf		fg-mg	t-c		0.21	sheared U
THRC 071	107	108	gy	Upd		sf		fg-mg	t-c		0.21	sheared U
THRC 071	108	109	gy	G		sf		fg-mg	q-c		1.29	sil rich G
THRC 071	109	110	gy	G		sf		fg-mg	q-c		0.69	sil rich G
THRC 071	110	111	gy	G		sf		fg-mg	q-c		0.94	sil rich G
THRC 071	111	112	gy	G		sf		fg-mg	q-c		0.46	sil rich G
THRC 071	112	113	gy	G		sf		fg-mg	q-c		0.12	sil rich G
THRC 071	113	114	gy	G		sf		fg-mg	q-c		1.88	sil rich G
THRC 071	114	115	gy	G		sf		fg-mg	q-c		2.43	sil rich G
THRC 071	115	116	gy	G		sf		fg-mg	q-c		0.93	sil rich G +mod q veining
THRC 071	116	117	gy	G		sf		fg-mg	q-c		1.2	sil rich G
THRC 071	117	118	gy	G		sf		fg-mg	q-c		0.85	sil rich G
THRC 071	118	119	gy	G		sf		fg-mg	q-c		0.95	sil rich G
THRC 071	119	120	gy	G		sf		fg-mg	q-c		0.58	sil rich G
THRC 071	120	121	gy	G		sf		fg-mg	q-c	tr	0.39	sil rich G
THRC 071	121	122	gy	G		sf		fg-mg	q-c		0.69	sil rich G
THRC 071	122	123	gy	G		sf		fg-mg	q-c		1.14	sil rich G
THRC 071	123	124	gy	G		sf		fg-mg	q-c		1.58	sil rich G
THRC 071	124	125	gy	G		sf		fg-mg	q-c		0.81	sil rich G
THRC 071	125	126	gy	G		sf		fg-mg	q-c		0.42	sil rich G
THRC 071	126	127	gy	G		sf		fg-mg	q-c		0.86	sil rich G
THRC 071	127	128	gy	G		sf		fg-mg	q-c		0.51	sil rich G
THRC 071	128	129	gy	G		sf		fg-mg	q-c		1.36	sil rich G
THRC 071	129	130	gy	G		sf		fg-mg	q-c		1	sil rich G
THRC 071	130	131	gy	G		sf		fg-mg	q-c		0.09	sil rich G
THRC 071	131	132	gy	U?		sf		fg-mg	c-t		0.41	sheared U
THRC 071	132	133	gy	U?		sf		fg-mg	c-t		1.04	magnetic U, strongly foliated
THRC 071	133	134	gy	U?		sf		fg-mg	c-t-sp-mt		19.7	magnetic U, strongly foliated +minor qtz veining
THRC 071	134	135	gy	U?		sf		fg-mg	c-t-sp-mt +q		7.14	magnetic U, strongly foliated
THRC 071	135	136	gy	U?		sf		fg-mg	c-t-sp-mt		14.9	magnetic U, strongly foliated

hole	from	to	colour	rocktype	weather	struct	text	g size	minerals	% sulph	mag sus	comments
THRC 071	136	137	gy	U?		sf		fg-mg	c-t-sp-mt		29.6	magnetic U, strongly foliated
THRC 071	137	138	gy	U?		sf		fg-mg	c-t-sp-mt		39.9	magnetic U, strongly foliated
THRC 071	138	139	gy	U?		sf		fg-mg	c-t-sp-mt		24.4	magnetic U, strongly foliated
THRC 071	139	140	gy	U?				fg-mg	c?-sp?-mt		27.3	Peridotite?, appears not to be foliated
THRC 071	140	141	gy	U?				mg	c?-sp?-mt		22.2	Peridotite?, appears not to be foliated
THRC 071	141	142	gy	U?				mg	c?-sp?-mt		18.2	Peridotite?, appears not to be foliated
THRC 071	142	143	gy	U?				mg	c?-sp?-mt		3.53	Peridotite?, appears not to be foliated
THRC 071	143	144	gy	U?		sf		mg	c?-sp?-mt		2.63	sheared U
THRC 071	144	145	gy	U		sf		fg-mg	c-t-mt		16.5	sheared U
THRC 071	145	146	gy	U		sf		fg-mg	c-t-mt		10.1	sheared U
THRC 071	146	147	gy	U		sf		fg-mg	c-t-mt		23.9	sheared U
THRC 071	147	148	gy	U		sf		fg-mg	c-t-mt		1.35	sheared U
THRC 071	148	149	gy	U/G		sf		fg-mg	c-q		1.16	mix of sheared U and G
THRC 071	149	150	gy	U/G		sf		fg-mg	c-q		0.74	mix of sheared U and G
THRC 071	150	151	gy	G		sf		fg-mg	q-c		0.72	silica rich G
THRC 071	151	152	gy	G		sf		fg-mg	q-c		1.03	silica rich G
THRC 071	152	153	gy	G		sf		fg-mg	q-c		1.13	silica rich G
THRC 071	153	154	gy	G		sf		fg-mg	q-c		1.02	silica rich G
THRC 071	154	155	gy	G		sf		fg-mg	q-c		0.73	silica rich G
THRC 071	155	156	gy	G		sf		fg-mg	q-c		1.01	silica rich G
THRC 071	156	157	gy	G		sf		fg-mg	q-c		0.55	silica rich G
THRC 071	157	158	gy	G		sf		fg-mg	q-c		0.95	silica rich G
THRC 071	158	159	gy	G		sf		fg-mg	q-c		0.66	silica rich G
THRC 071	159	160	gy	G		sf		fg-mg	q-c		1.81	silica rich G
THRC072	0	1	cm	Cc					cb-cy		0.39	calcrete cap
THRC072	1	2	cm	Cc					cb-cy		0.33	calcrete cap
THRC072	2	3	cm	Cc					cb-cy		0.5	calcrete cap
THRC072	3	4	rd bn	G	vw	sf		fg-mg	cy-c-q		0.22	sf felsic gneiss- metased
THRC072	4	5	rd bn	G	vw	sf		fg-mg	cy-c-q		0.29	sf felsic gneiss- metased
THRC072	5	6	rd bn	G	vw	sf		fg-mg	cy-c-q		0.43	sf felsic gneiss- metased
THRC072	6	7	rd bn	G	vw	sf		fg-mg	cy-c-q		0.24	sf felsic gneiss- metased
THRC072	7	8	rd bn	G	vw	sf		fg-mg	cy-c-q		0.22	sf felsic gneiss- metased
THRC072	8	9	rd bn	G	vw	sf		fg-mg	cy-c-q		0.25	sf felsic gneiss- metased
THRC072	9	10	bn	G	mw	sf		fg-mg	cy-c-q		0.27	sf felsic gneiss- metased
THRC072	10	11	bn	G	mw	sf		fg-mg	c-q-cy		0.23	as above - less weathered
THRC072	11	12	bn	G	mw	sf		fg-mg	c-q-cy		0.28	as above - less weathered
THRC072	12	13	tn	G	mw	sf		fg-mg	c-q-cy		0.42	as above - less weathered
THRC072	13	14	kh-cm	G	mw	sf		fg-mg	c-q-cy		0.22	as above - less weathered
THRC072	14	15	kh-cm	G	mw	sf		fg-mg	c-q-cy		0.21	as above - less weathered
THRC072	15	16	kh-cm	G	mw	sf		fg-mg	c-q-cy		0.45	as above - less weathered

hole	from	to	colour	rocktype	weather	struct	text	g size	minerals	% sulph	mag sus	comments
THRC072	16	17	kh-cm	G	mw	sf		fg-mg	c-q-cy+mt		3.58	as above - less weathered
THRC072	17	18	kh-cm	G	mw	sf		fg-mg	c-q-cy		3.91	as above - less weathered
THRC072	18	19	kh-cm	G	mw	sf		fg-mg	c-q-cy		5.45	as above - less weathered
THRC072	19	20	kh	G	mw	sf		fg-mg	c-q-cy		3.21	as above - less weathered
THRC072	20	21	kh	G	mw	sf		fg-mg	c-q-cy		3.42	as above - less weathered
THRC072	21	22	kh	G	mw	sf		fg-mg	c-q-cy		2.61	as above - less weathered
THRC072	22	23	kh	G	mw	sf		fg-mg	c-q-cy		3.19	as above - less weathered
THRC072	23	24	kh	G	mw	sf		fg-mg	c-q-cy		3.51	as above - less weathered
THRC072	24	25	kh	G	mw	sf		fg-mg	c-q-cy		2.21	as above - less weathered
THRC072	25	26	kh	G	mw	sf		fg-mg	c-q-cy		3.11	as above - less weathered
THRC072	26	27	kh	G	mw	sf		fg-mg	c-q-cy		4.64	as above - less weathered
THRC072	27	28	kh	G	mw	sf		fg-mg	c-q-cy		2.65	as above - less weathered
THRC072	28	29	dk gn	G	ww	sf		fg-mg	c-q-cy		0.68	siliceous geiss, weakly weathered
THRC072	29	30	gn	G	ww	sf		fg-mg	q-c		1.1	siliceous geiss, weakly weathered
THRC072	30	31	gn	G	ww	sf		fg-mg	q-c		0.68	siliceous geiss, weakly weathered
THRC072	31	32	gn	G	ww	sf		fg-mg	q-c		0.53	siliceous geiss, weakly weathered
THRC072	32	33	gn	G	mw	sf		fg-mg	q-c		3.15	chlorite rich gneiss
THRC072	33	34	gn	G	mw	sf		fg-mg	c-q		3.03	chlorite rich gneiss
THRC072	34	35	dk gy	Bcy-U	vw	sf		fg-mg	c-q		4.96	chlorite rich gneiss
THRC072	35	36	dk gy	Bcy-U	vw	sf		fg	cy		5.07	puggy dark clays after U
THRC072	36	37	dk gy	Bcy	vw	sf		fg	cy		5.83	puggy dark clays after U
THRC072	37	38	dk gy	Bcy	vw	sf		fg	cy		11.9	puggy dark clays after U
THRC072	38	39	dk gy	Bcy	vw	sf		fg	cy		11	puggy dark clays after U
THRC072	39	40	dk gy	Bcy	vw	sf		fg	cy		9.01	puggy dark clays after U
THRC072	40	41	dk gy	Bcy	vw	sf		fg	cy		8.24	puggy dark clays after U
THRC072	41	42	dk gy	Bcy	vw	sf		fg	cy		9.49	puggy dark clays after U
THRC072	42	43	dk gy	Upd	mw	sf		fg	sil-sp-mt		10.6	partly silicified U
THRC072	43	44	dk gy	Upd	mw	sf		mg	sil-sp-mt		8.56	partly silicified U
THRC072	44	45	gy-gn	Upd	mw	sf		mg	sil-sp-mt		9.13	partly silicified U
THRC072	45	46	gy-gn	Upd	mw	sf		mg	sil-sp-mt		3.27	partly silicified U
THRC072	46	47	gy-gn	Upd	mw	sf		mg	sil-sp-mt		6.8	partly silicified U
THRC072	47	48	gy-gn	Upd	mw	sf		mg	sil-sp-mt		8.37	partly silicified U
THRC072	48	49	gy-gn	Upd	mw	sf		mg	sil-sp-mt		13.6	partly silicified U
THRC072	49	50	gy-gn	Upd	mw	sf		mg	sil-sp-mt		12.5	partly silicified U
THRC072	50	51	gy-gn	Upd	mw	sf		mg	sil-sp-mt		9.34	partly silicified U
THRC072	51	52	gy-gn	Upd	mw	sf		mg	sil-sp-mt		11	partly silicified U
THRC072	52	53	bn	Upd	mw	sf		mg	sil-sp-mt		6.6	partly silicified U
THRC072	53	54	gy	Upd	mw	sf		mg	sil-sp-mt		7.91	partly silicified U
THRC072	54	55	blgy	Upd	ww	sf		mg	sil-sp-mt		13.9	partly silicified U
THRC072	55	56	cm	Upd	mw	sf		mg	sp-mt-sil		2.24	as above, less silicified

hole	from	to	colour	rocktype	weather	struct	text	g size	minerals	% sulph	mag sus	comments
THRC072	56	57	gybn	Upd	mw	sf		mg	sil-cy-sp-mt		11.3	Bleached U
THRC072	57	58	gybn	Upd	mw	sf		mg	sil-cy-sp-mt		8.88	Bleached U
THRC072	58	59	gybn	Upd	mw	sf		mg	sil-cy-sp-mt		7.5	Bleached U
THRC072	59	60	gybn	Upd	mw	sf		mg	sil-cy-sp-mt		3.94	Bleached U
THRC072	60	61	gybn	Upd	mw	sf		mg	sp-mt +t		6.27	ww sp rich U
THRC072	61	62	gybn	Upd	ww	mf		mg	sp-mt +t		23	ww sp rich U
THRC072	62	63	gybn	Upd	ww	mf		mg	sp-mt +t		17.9	ww sp rich U
THRC072	63	64	gybn	Upd	ww	mf		mg	sp-mt +t		21.4	ww sp rich U
THRC072	64	65	gy	Upd	ww	mf		mg	sp-mt +t		26.4	ww sp rich U
THRC072	65	66	gy	Upd	ww	mf		mg	sp-mt +t		22.4	ww sp rich U
THRC072	66	67	gy	U	ww	sf		mg	c-t-mt +cb		20.1	sheared U c-t rich ^mt fresh minor cb veins
THRC072	67	68	gy	U	ww	sf		fg-mg	c-t-mt +cb		19.9	sheared U c-t rich ^mt fresh minor cb veins
THRC072	68	69	gy	U	ww	sf		fg-mg	c-t-mt +cb		23	sheared U c-t rich ^mt fresh minor cb veins
THRC072	69	70	gy	U	ww	sf		fg-mg	c-t-mt +cb		23	sheared U c-t rich ^mt fresh minor cb veins
THRC072	70	71	gy	U	ww	sf		fg-mg	c-t-mt +cb		20.5	sheared U c-t rich ^mt fresh minor cb veins
THRC072	71	72	gy	U	ww	sf		fg-mg	c-t-mt +cb		19.1	sheared U c-t rich ^mt fresh minor cb veins
THRC072	72	73	gy	U	ww	sf		fg-mg	c-t-mt +cb		21	sheared U c-t rich ^mt fresh minor cb veins
THRC072	73	74	gy	U	ww	sf		fg-mg	c-t-mt +cb		10.9	sheared U c-t rich ^mt fresh minor cb veins
THRC072	74	75	gy	U	ww	sf		fg-mg	c-t-mt +cb		20.2	sheared U c-t rich ^mt fresh minor cb veins
THRC072	75	76	gy	U	ww	sf		fg-mg	c-t-mt +cb		8.5	sheared U c-t rich ^mt fresh minor cb veins
THRC072	76	77	bn	G/U	ww	sf		fg-mg	c-q-t		0.8	mix of G and U
THRC072	77	78	gy	Upd	box	sf		fg-mg	sp-c-mt		20.9	ww U box
THRC072	78	79	gy	Upd		sf	mc?	mg	sp-mt		13.8	fresh serpenitinised U poss mc text
THRC072	79	80	gy	Upd		sf	mc?	mg	sp-mt		23.4	fresh serpenitinised U poss mc text
THRC072	80	81	gy	Upd		sf	mc?	mg	sp-mt		26.7	fresh serpenitinised U poss mc text
THRC072	81	82	gy	Upd		sf	mc?	mg	sp-mt		22.7	fresh serpenitinised U poss mc text
THRC072	82	83	gy	Upd		sf	mc?	mg	sp-mt		31.4	fresh serpenitinised U poss mc text
THRC072	83	84	gy	Upd		sf	mc?	mg	sp-mt		31	fresh serpenitinised U poss mc text
THRC072	84	85	gy	Upd		sf	mc?	mg	sp-mt		6.23	fresh serpenitinised U poss mc text
THRC072	85	86	gy	Upd		sf	mc?	mg	sp-mt		31.8	fresh serpenitinised U poss mc text
THRC072	86	87	gy	Upd		sf	mc?	mg	sp-mt		36.6	fresh serpenitinised U poss mc text
THRC072	87	88	gy	Upd		sf	mc?	mg	sp-mt		40.9	fresh serpenitinised U poss mc text
THRC072	88	89	gy	Upd		sf	mc?	mg	sp-mt		28.5	fresh serpenitinised U poss mc text
THRC072	89	90	gy	Upd		sf	mc?	mg	sp-mt		29.5	fresh serpenitinised U poss mc text
THRC072	90	91	gy	Upd		sf	mc?	mg	sp-mt		36.5	fresh serpenitinised U poss mc text
THRC072	91	92	gy	Upd		sf	mc?	mg	sp-mt		21.6	fresh serpenitinised U poss mc text
THRC072	92	93	gy	Upd		sf	mc?	mg	sp-mt		37.9	fresh serpenitinised U poss mc text
THRC072	93	94	gy	Upd		sf	mc?	mg	sp-mt		33.6	fresh serpenitinised U poss mc text
THRC072	94	95	gy	Upd		sf	mc?	mg	sp-mt		37	fresh serpenitinised U poss mc text
THRC072	95	96	gy	Upd		sf	mc?	mg	sp-mt		33.9	fresh serpenitinised U poss mc text

hole	from	to	colour	rocktype	weather	struct	text	g size	minerals	% sulph	mag sus	comments
THRC072	96	97	gy	Upd		sf	mc?	mg	sp-mt		43.9	fresh serpenitinised U poss mc text
THRC072	97	98	gy	Upd		sf	mc?	mg	sp-mt		38.8	fresh serpenitinised U poss mc text
THRC072	98	99	gy	Upd		sf	mc?	mg	sp-mt		43.9	fresh serpenitinised U poss mc text
THRC072	99	100	gy	Upd		sf	mc?	mg	sp-mt-cb-t		36.9	foliated cb-t common
THRC072	100	101	gy	Upd		mf	mc?	mg	sp-mt-cb-t		35.4	foliated cb-t common
THRC072	101	102	gy	Upd		mf	mc?	mg	sp-mt +t		38.7	serp rich U
THRC072	102	103	gy	Upd		mf	mc?	mg	sp-mt +t		49.5	serp rich U
THRC072	103	104	gy	Upd		mf	mc?	mg	sp-mt +t		32.5	serp rich U
THRC072	104	105	gy	Upd		mf	mc?	mg	sp-mt +t		32	serp rich U
THRC072	105	106	gy	Upd		mf	mc?	mg	sp-mt +t		23.4	serp rich U
THRC072	106	107	gy	Upd		mf	mc?	mg	sp-mt +t		33.7	serp rich U
THRC072	107	108	gy	Upd		mf	mc?	mg	sp-mt +t		34.8	serp rich U
THRC072	108	109	gy	Upd		mf	mc?	mg	sp-mt +t		37.3	serp rich U
THRC072	109	110	gy	Upd		mf	mc?	mg	sp-mt +t		27.7	serp rich U
THRC072	110	111	gy	Upd		mf	mc?	mg	sp-mt +t		30.4	serp rich U
THRC072	111	112	gy	Upd		mf	mc?	mg	sp-mt +t		26.1	serp rich U
THRC072	112	113	gy	Upd		mf	mc?	mg	sp-mt +t		25	serp rich U
THRC072	113	114	gy	Upd		mf	mc?	mg	sp-mt +t		23.8	serp rich U
THRC072	114	115	gy	Upd		mf	mc?	mg	sp-mt +t		24	serp rich U
THRC072	115	116	gy	Upd		mf	mc?	mg	sp-mt +t		19.7	serp rich U
THRC072	116	117	gy	Upd		sf		fg	sp-t-c-mt +cb		23.6	sheared U
THRC072	117	118	gy	Upd		sf		fg	sp-t-c-mt +cb		11.4	sheared U
THRC072	118	119	gy	U/G		sf		fg	c-b-t		3.16	shear zone contact of U and G
THRC072	119	120	gy	U/G		sf		fg	c-b-t		0.87	shear zone contact of U and G
THRC072	120	121	gy	U/G		sf		fg	c-q-b		0.49	sheared G
THRC072	121	122	gy	U/G		sf		fg	c-q-b		0.81	sheared G
THRC072	122	123	gy	U/G		sf		fg	c-q	tr	0.34	sf G, c rich
THRC072	123	124	gy	U/G		sf		fg	c-q		0.4	sf G, c rich
THRC072	124	125	gy	U/G		sf		fg	c-q		1.17	sf G, c rich
THRC072	125	126	gy	U/G		sf		fg	c-q		0.4	sf G, c rich
THRC072	126	127	gy	U/G		sf		fg	c-q		0.96	sf G, c rich
THRC072	127	128	gy	U/G		sf		fg	q-c		1.06	sf G, minor sil veining
THRC072	128	129	gy	G		sf		fg	q-c		0.53	sf G, minor sil veining
THRC072	129	130	gy	G		sf		fg-mg	q-c		0.99	sf G, minor sil veining
THRC072	130	131	gy	G		sf		fg-mg	q-c		0.87	sf G, minor sil veining
THRC072	131	132	gy	G		sf		fg-mg	q-c		0.42	sf G, minor sil veining
THRC072	132	133	gy	G		sf		fg-mg	q-c		0.33	sf G, minor sil veining
THRC072	133	134	gy	G		sf		fg-mg	q-c		0.55	sf G, minor sil veining
THRC072	134	135	gy	G		sf		fg-mg	q-c	tr	1.06	as above w min tr sulp
THRC072	135	136	gy	G		sf		fg-mg	q-c	2	1.1	as above w stringer sulp, conductor?

hole	from	to	colour	rocktype	weather	struct	text	g size	minerals	% sulph	mag sus	comments
THRC072	136	137	gy	G		sf		fg-mg	q-c	1-2	0.8	as above w stringer sulp, conductor?
THRC072	137	138	gy	G		sf		fg-mg	q-c	tr	0.85	as above w min tr sulp
THRC072	138	139	gy	G		sf		fg-mg	q-c	tr	0.7	as above w min tr sulp
THRC072	139	140	gy	G		sf		fg-mg	q-c	tr	0.81	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	140	141	gy	G		sf		fg-mg	q-c	tr	1.47	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	141	142	gy	G		sf		fg-mg	q-c	tr	1.02	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	142	143	gy	G		sf		fg-mg	q-c	tr	0.68	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	143	144	gy	G		sf		fg-mg	q-c	tr	1.06	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	144	145	gy	G		sf		fg-mg	q-c	tr	1.15	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	145	146	gy	G		sf		fg-mg	q-c	tr	0.91	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	146	147	gy	G		sf		fg-mg	q-c	tr	1.45	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	147	148	gy	G		sf		fg-mg	q-c	tr	1.32	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	148	149	gy	G		sf		fg-mg	q-c	tr	0.35	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	149	150	gy	G		sf		fg-mg	q-c	tr	1.5	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	150	151	gy	G		sf		fg-mg	q-c	tr	1.06	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	151	152	gy	G		sf		fg-mg	q-c	tr	1.38	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	152	153	gy	G		sf		fg-mg	q-c	tr	1.63	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	153	154	gy	G		sf		fg-mg	q-c	tr	0.81	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	154	155	gy	G		sf		fg-mg	q-c	tr	0.58	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	155	156	gy	G		sf		fg-mg	q-c	tr	1.02	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	156	157	gy	G		sf		fg-mg	q-c	tr	2.01	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	157	158	gy	G		sf		fg-mg	q-c	tr	1.51	hard sil gneiss, p gn rock chips + tr dissem sulph
THRC072	158	159	gy	G		sf		fg	q-c	tr	0.83	sf G
THRC072	159	160	gy	G/U		sf		fg	q-c	1	0.42	sf G and U
THRC072	160	161	gy	G		sf		fg-mg	c-t-q		0.73	hard G w gn colouring, min q veining
THRC072	161	162	gy	G		sf		fg-mg	q-c		0.81	hard G w gn colouring, min q veining
THRC072	162	163	gy	G		sf		fg-mg	q-c		1.32	hard G w gn colouring, min q veining
THRC072	163	164	gy	G		sf		fg-mg	q-c		0.34	hard G w gn colouring, min q veining
THRC072	164	165	gy	G		sf		fg-mg	q-c		0.45	hard G w gn colouring, min q veining
THRC072	165	166	gy	G		sf		fg-mg	q-c		1.14	hard G w gn colouring, min q veining
THRC072	166	167	gy	G		sf		fg-mg	q-c		0.7	hard G w gn colouring, min q veining
THRC072	167	168	gy	G		sf		fg-mg	q-c		0.79	hard G w gn colouring, min q veining
THRC072	168	169	gy	G		sf		fg-mg	q-c		0.83	hard G w gn colouring, min q veining
THRC072	169	170	gy	G		sf		fg-mg	q-c		1.26	hard G w gn colouring, min q veining
THRC072	170	171	gy	G		sf		fg-mg	q-c		2	hard G w gn colouring, min q veining
THRC072	171	172	gy	G		sf		fg-mg	q-c		1.01	hard G w gn colouring, min q veining
THRC072	172	173	gy	G		sf		fg-mg	q-c		1.29	hard G w gn colouring, min q veining
THRC072	173	174	gy	G		sf		fg-mg	q-c		1.49	hard G w gn colouring, min q veining
THRC072	174	175	gy	G		sf		fg-mg	q-c		1.18	hard G w gn colouring, min q veining
THRC072	175	176	gy	G		sf		fg-mg	q-c		1.63	hard G w gn colouring, min q veining

hole	from	to	colour	rocktype	weather	struct	text	g size	minerals	% sulph	mag sus	comments
THRC072	176	177	gy	G		sf		fg-mg	q-c		3.31	hard G w gn colouring, min q veining
THRC072	177	178	gy	G		sf		fg-mg	q-c		2.2	hard G w gn colouring, min q veining

Appendix 2B

Rockytypes	Code
Mafic	**M**
Gabbro	Mg
Norite	Mn
Troctolite	Mt
Gabbronorite	Mgn
Dolerite/Diabase	Md
Anorthosite	Ma
Magnesian Basalt	Mb
Komatiitic Basalt	Mkb
Basalt	Mba
Intermediate	**I**
Diorite	Id
Andesite	Ia
Trachyte	It
Syenite	Is
Carbonatite	Acb
Felsic	**F**
Granite	Fg
Granodiorite	Fgd
Tonalite	Ft
Rhyolite	Fr
Dacite	Fd
Ultramafic	**U**
Dunite	Ud
Peridotite	Upd
Pyroxenite	Upx

Rockytypes	Code
Metamorphic	**G**
Mafic Gneiss/Amphibolite	Gm
Intermediate Gneiss	Gi
Felsic Gneiss	Gf
paragneiss (prefix)	p
orthogneiss (prefix)	o
schist	Gs
meta (prefix)	m
quartz	q
Sedimentary	**S**
Conglomerate	Sc
Sandstone	Sst
Siltstone	Ssi
Mudstone	Sm
Claystone	Sy
Iron Formations (BIFs)	Sif
Chert	Sct
Limestone	Sl
Dolomite	Sd
Surficial Deposits/Weathered Zone	**C**
/Unconsolidated Cover	
Sand - partly consolidated	Cs
Sand - unconsolidated	Csa
Silt	Csi
Mud	Cm
Clay	Ccy
Evaporites	Ce
Calcrete	Cc
Silcrete	Csl
Gossan	Goss
Ferricrete	Cfe
Ironstone	Ci
Organics - lignite etc	Co
gravel	Cg

Colour	Code
White	wh
Cream	cm
yellow	yl
green	gn
grey	gy
black	bk
tan	tn
pink	pk
purple	pu
brown	bn
blue	b
orange	or
mustard	mu
red	r
pale	pa
light	lt
dark	dk

Weathering	Code
Weakly Weathered	ww
Moderately Weathered	mw
Very Weathered	vw
Structure	**Code**
Weakly Foliated	wf
Moderately Foliated	mf
Strongly Foliated	sf
Brecciated	bx
mylonite	my
massive	ma
Texture	**Code**
Cumulate	cu
Orthocumulate	oc
Mesocumulate	mc
Adcumulate	ac
Spinnifex	sx
harrisite	ha
breccia	bx
igneous layering	il
porphyritic	por

Grainsize	Code
Fine grained	fg
Medium grained	mg
Coarse grained	cg
Pegmatitic	peg

Mineral	Code
Silicates	
Actinolite	ac
Albite	ab
K-feldspar	kf
Amphibole	a
Andalusite	ad
Anthophyllite	an
Biotite	b
Chlorite	c
Clinopyroxene	cpx
Cordierite	co
Diopside	dp
Epidote	ep
Feldspar	fd
Garnet	g
Hornblend	hb
Kaolinite	k
Kyanite	ky
Micas	m
Muscovite	mu
Olivine	o
Orthoclase	or
Orthopyroxene	opx
Plagioclase	p
Pyroxene	px
Quartz	q
Scapolite	sc
Sericite	s
Serpentine	sp
Silicified/silceous	sil
Sillimantite	sl
Staurolite	st
Talc	t
Tourmaline	to
Tremolite	tm

Mineral	**Code**	**Sulphides**	**Code**
Carbonates/Evaporites		Arsenopyrite	as
Ankerite	ak	Bornite	bn
Calcite	ca	Chalcosite	cc
Carbonate	cb	Chalcopyrite	cp
Dolomite	d	Galena	gn
Magnesite	ms	Marcasite	mar
Limestone	l	Molybdenite	mo
Halite	ha	Pentlandite	pn
Barite	ba	Pyrite	py
Gypsum	gy	Pyrrhotite	po
		Sphalerite	sh
Oxides		Sulphides (unspecified)	sul
Chromite	cr	Violerite	vl
Goethite	gh	**Other Mineralisation**	**Code**
Hematite	h	Bauxite	bax
Ilmenite	il	Cassiterite	ct
Leucoxene	lx	Azurite	az
Limonite	lm	Malachite	mc
Magnetite	mt		
Manganese	mn		
Rutile	rt		
Oxides	ox		

Appendix 3

				Au	Au-Rp1	Ag	As	Co	Cr	Cu	Fe	LOI	Mg	MgO	Mn	Mo	Ni	Pb	Pd	Pt	Ti	V	Zn
Hole	D from	D to	sample	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppm	ppm	ppm
THRC 068	0	2	560801																				
THRC 068	2	5	560802																				
THRC 068	5	9	560803																				
THRC 068	9	13	560804																				
THRC 068	13	17	560805																				
THRC 068	17	21	560806																				
THRC 068	21	25	560807																				
THRC 068	25	29	560808	14		X	34	20	37	113	4.6	2.57	11876	19694	732	5	130	16	2	1	3336	92	74
THRC 068	29	33	560809	8		X	20	13	21	22	3.5	2.42	13139	21788	596	4	50	12	2	X	3405	76	61
THRC 068	33	34	560810	8		X	10	12	21	59	3.43	2.29	14900	24709	470	2	40	10	1	X	3356	66	40
THRC 068	34	35	560811	6		X	26	36	260	69	5.29	8.67	62170	103096	948	X	420	6	3	2	2726	71	40
THRC 068	35	36	560812	61		X	27	43	1442	80	5.61	19.36	114434	189764	743	X	756	6	5	7	2078	113	86
THRC 068	36	37	560813	42		X	38	66	1972	80	6.41	14.69	133640	221612	1010	2	903	6	7	10	1941	127	108
THRC 068	37	38	560814	20		X	43	80	1895	52	6.25	15.87	132604	219894	1313	X	1015	X	7	7	1871	109	80
THRC 068	38	39	560815	10		1	20	83	1963	20	5.28	16.41	117986	195654	1337	X	1462	X	5	6	1260	77	55
THRC 068	39	40	560816	9		X	9	81	1842	52	5.76	12.36	120928	200533	1633	X	1322	6	5	7	1473	86	59
THRC 068	40	42	560817	5		1	X	50	139	212	9.16	1.06	54082	89682	1578	X	137	7	26	16	8553	340	99
THRC 068	42	44	560818	4		X	X	48	139	175	9.23	1.89	56235	93253	1717	X	137	6	24	14	7644	317	82
THRC 068	44	46	560819	5		1	X	48	129	202	8.86	1.76	51016	84599	1955	X	125	7	26	16	8334	329	90
THRC 068	46	47	560820	51		1	76	62	675	66	9.19	9.5	107361	178034	2917	2	713	49	6	6	3615	149	99
THRC 068	47	49	560821	44		X	54	21	143	14	7.69	5.16	59690	98983	1096	3	123	81	4	4	2991	109	137
THRC 068	49	51	560822	8		X	16	26	149	11	6.09	4.15	45313	75141	967	3	100	180	5	5	2885	118	178
THRC 068	51	53	560823	30		X	43	15	103	10	5.48	4.73	36423	60399	969	3	63	12	2	2	2608	89	79
THRC 068	53	55	560824	50		X	13	51	744	45	6.89	10.6	70787	117385	2229	X	370	19	8	11	2851	174	106
THRC 068	55	57	560825	15		1	11	44	693	40	7.65	11.11	73882	122516	2640	X	378	8	8	9	2586	164	95
THRC 068	57	59	560826	14		1	66	61	1238	47	5.76	17.82	82252	136397	3862	X	834	X	6	7	1699	103	51
THRC 068	59	61	560827	6		1	316	62	951	30	5.65	20.64	76182	126332	3925	X	871	27	5	6	1668	103	62
THRC 068	61	62	560828	31		X	215	71	992	32	9.08	14.05	107861	178864	1969	X	877	11	6	6	2317	126	71
THRC 068	62	63	560829	11		X	187	72	1016	46	8.88	15.19	100670	166940	2177	X	903	X	6	7	1593	113	57
THRC 068	63	64	560830	5		X	17	71	983	40	6.72	13.14	122061	202411	1716	X	992	X	8	8	1613	120	62
THRC 068	64	67	560831	4		X	8	75	918	70	7.3	12.68	127572	211550	1479	X	919	6	9	10	2330	147	65
THRC 068	67	70	560833	4		X	X	69	948	45	9.01	11.33	123995	205619	1305	X	657	6	12	13	2941	217	68
THRC 068	70	73	560834	1		X	X	68	1488	31	6.88	14.14	125824	208652	1819	X	935	6	6	7	1842	120	58
THRC 068	73	76	560835	X		X	X	76	1839	24	7.26	12.32	142989	237115	1410	X	1105	X	6	8	1859	127	65
THRC 068	76	79	560836	1		X	X	74	1703	27	6.77	12.05	138622	229874	1289	X	1105	5	7	8	1643	118	64
THRC 068	79	82	560837	3		X	X	72	1056	36	7.5	12.55	121387	201294	1512	X	861	X	7	9	2350	153	73
THRC 068	82	84	560838	X		X	X	71	1101	41	7.36	11.04	131576	218190	1462	X	946	X	7	9	2005	138	63
THRC 068	84	86	560839	1		X	6	74	1111	49	7.54	8.99	127821	211963	1487	X	889	9	8	9	2298	153	71
THRC 068	86	88	560840	X		X	11	49	549	94	7.17	9.19	88118	146125	1217	X	439	23	8	10	3384	175	87

				Au	Au-Rp1	Ag	As	Co	Cr	Cu	Fe	LOI	Mg	MgO	Mn	Mo	Ni	Pb	Pd	Pt	Ti	V	Zn
Hole	D from	D to	sample	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppm	ppm	ppm
THRC 068	88	90	560841	3		X	45	62	922	59	7.62	8.69	95890	159013	1506	X	679	18	9	12	2845	167	86
THRC 068	90	92	560842	4		1	15	43	410	62	7.27	6.32	71768	119012	1327	X	275	21	8	8	4319	170	82
THRC 068	92	94	560843	3		X	X	72	1476	27	6.8	7.33	121680	201779	1371	X	945	X	9	11	2219	150	77
THRC 068	94	96	560844	1		X	33	58	1005	65	7.42	6.06	86138	142840	1464	X	537	12	7	9	3280	176	82
THRC 068	96	99	560845	2		X	X	68	1484	64	7.33	6.18	122461	203075	1240	X	810	7	8	10	2376	158	72
THRC 068	99	103	560846	1		X	11	36	199	76	6.55	2.97	46511	77128	1261	5	135	17	7	6	4487	161	77
THRC 068	103	107	560847																				
THRC 068	107	112	560848																				
THRC 069	0	3	560849																				
THRC 069	3	8	560850																				
THRC 069	8	13	560851																				
THRC 069	13	18	560852																				
THRC 069	18	23	560853																				
THRC 069	23	28	560854																				
THRC 069	28	33	560855																				
THRC 069	33	38	560856																				
THRC 069	38	43	560857																				
THRC 069	43	48	560858																				
THRC 069	48	53	560859																				
THRC 069	53	58	560860	1		X	6	14	28	15	3.73	3.2	16212	26884	549	4	39	9	X	X	3039	61	52
THRC 069	58	63	560861	1		X	26	41	603	30	5.5	9.38	55923	92736	965	2	479	11	3	3	2542	98	69
THRC 069	63	66	560863	6		X	10	13	30	21	3.43	3.28	12497	20724	585	4	22	12	1	X	3255	62	49
THRC 069	66	68	560864	2		X	28	38	273	60	7.72	5.65	44516	73820	1394	3	114	12	6	5	6516	209	115
THRC 069	68	69	560865	X		X	10	14	28	22	3.49	3.35	14878	24672	483	3	24	13	X	X	3257	63	47
THRC 069	69	70	560866	X		X	7	14	33	19	3.4	4.37	14369	23828	526	3	25	12	X	X	2989	63	41
THRC 069	70	71	560867	X		X	7	12	47	16	3.84	4.66	18386	30488	509	4	34	7	X	X	3044	57	40
THRC 069	71	72	560868	4		X	8	68	1748	18	4.96	12.72	102581	170108	1043	X	1106	X	3	4	1650	73	47
THRC 069	72	74	560869	70	0.07	X	106	62	885	50	6.03	10.91	101584	168455	1362	X	831	14	5	6	1952	106	68
THRC 069	74	75	560870	57		X	118	59	777	86	7.84	8.37	100144	166067	1285	4	703	14	5	6	2740	127	96
THRC 069	75	76	560871	19		X	14	18	158	28	3.93	3.61	40403	67000	571	5	162	14	1	1	2127	55	57
THRC 069	76	79	560872	10		X	30	54	373	116	8.84	8.54	78767	130618	1560	X	280	18	6	7	4906	217	90
THRC 069	79	80	560873	36		1	32	31	173	82	6.51	8.46	36073	59819	1665	X	152	14	6	5	3357	148	69
THRC 069	80	82	560874	5		X	16	16	61	34	3.67	5.24	15135	25098	685	4	58	13	1	X	2884	67	51
THRC 069	82	84	560875	2		X	12	12	48	31	3.26	4.53	13727	22764	619	2	29	14	X	X	2829	55	51
THRC 069	84	86	560876	1		X	9	12	49	22	3.33	5.76	13762	22822	754	3	30	11	X	X	2907	56	53
THRC 069	86	88	560877	X		X	X	12	51	21	3.09	4.74	16692	27679	620	4	30	8	X	X	2753	54	48
THRC 069	88	90	560878	7		X	15	44	794	61	7.45	9.97	96785	160496	1265	X	499	5	6	6	2905	126	62
THRC 069	90	92	560879	3		X	X	78	1150	55	7.59	939.9	128983	213890	1346	X	1106	8	7	9	2643	133	65
THRC 069	92	94	560880	4		X	X	48	144	186	9.19	2.79	63047	104549	2194	X	147	X	24	15	7887	315	93

				Au	Au-Rp1	Ag	As	Co	Cr	Cu	Fe	LOI	Mg	MgO	Mn	Mo	Ni	Pb	Pd	Pt	Ti	V	Zn
Hole	**D from**	**D to**	**sample**	**ppb**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**%**	**%**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppb**	**ppb**	**ppm**	**ppm**	**ppm**
THRC 069	94	96	560881	4		X	X	48	134	199	9.12	2.01	56438	93590	2293	X	135	18	25	16	8227	320	87
THRC 069	96	97	560882	9		X	22	70	664	121	8.19	8.33	100471	166610	1980	X	732	75	16	11	5011	209	103
THRC 069	97	99	560883	6		X	5	27	245	15	6.95	10.76	67671	112217	1992	X	232	40	4	3	2681	98	90
THRC 069	99	100	560884	17		X	34	28	264	47	7.08	9.2	40180	66629	1856	3	181	17	6	6	2986	124	95
THRC 069	100	101	560885	623	0.6	2	249	8	98	62	8.36	18.4	33357	55315	4791	X	71	16	2	2	922	36	37
THRC 069	101	102	560886	254	0.2	X	61	6	54	20	4.29	7.19	24049	39881	1310	3	36	15	X	X	1314	38	40
THRC 069	102	104	560887	30		X	12	9	46	9	3.32	4.66	16909	28041	942	4	29	9	1	4	2496	48	47
THRC 069	104	107	560888	65		X	16	26	227	26	4.35	6.68	38430	63728	1229	3	202	13	3	4	2083	81	53
THRC 069	107	109	560889	10		1	21	55	656	50	6.66	15.29	74304	123217	2463	X	483	8	8	10	2510	162	70
THRC 069	109	111	560890	4		X	11	43	304	36	7.75	10.23	71244	118143	1742	X	238	6	11	10	3972	205	105
THRC 069	111	114	560891	5		X	14	69	971	49	6.73	12.99	106785	177080	1911	X	823	10	9	10	1976	135	72
THRC 069	114	116	560893	6		X	X	79	1678	43	6.89	12.12	136306	226033	1215	X	1129	6	7	8	1541	121	63
THRC 069	116	118	560894	2		X	X	73	1626	42	6.57	12.81	127876	212054	1372	X	1011	X	7	8	1722	108	58
THRC 069	118	120	560895	2		X	X	74	1624	36	7.08	11.61	133532	221434	1329	X	1006	5	7	8	1755	120	64
THRC 070	0	2	560896	8		X	25	34	1437	53	6.36	15.87	12653	20982	326	4	749	8	6	4	1245	98	81
THRC 070	2	4	560897	15		X	76	56	3307	97	14.77	7.72	11663	19341	582	12	1239	15	9	9	2103	258	194
THRC 070	4	6	560898	5		X	24	36	2412	46	9.22	4.84	8734	14483	390	6	799	7	7	6	1680	98	96
THRC 070	6	8	560899	4		X	37	46	3850	62	11.8	5.52	10947	18154	435	7	1222	7	10	7	1808	143	121
THRC 070	8	10	560900	5		X	52	64	2767	60	12.75	6.43	29784	49391	446	4	1263	13	9	8	2315	170	116
THRC 070	10	12	560901	2		X	49	89	2569	84	15.65	9.45	41971	69600	527	X	1564	13	8	6	3386	205	132
THRC 070	12	13	560902	4		X	141	127	5464	142	29.48	9.54	9220	15289	900	X	2975	15	8	10	1840	364	201
THRC 070	13	14	560903	1		X	136	115	6397	123	29.62	8.39	5847	9697	627	3	2918	12	6	8	2286	242	238
THRC 070	14	16	560904	1		X	99	142	7361	103	28.96	8.79	5455	9046	696	3	3370	6	6	8	1991	230	270
THRC 070	16	18	560905	4		X	55	172	6685	78	28.04	7.85	6309	10461	771	3	3737	8	6	10	1911	151	283
THRC 070	18	20	560906	4		X	47	237	8100	88	30.98	8.65	9179	15221	864	3	5047	13	7	11	1614	147	346
THRC 070	20	22	560907	3		X	59	425	6391	111	30.18	8.72	15074	24996	1157	X	5972	17	7	11	1636	157	343
THRC 070	22	24	560908	11		X	40	334	5902	69	24.13	8.22	16087	26677	888	X	5161	10	4	8	1812	131	265
THRC 070	24	26	560909	3		X	11	408	7096	54	23.49	9.28	43775	72592	1427	X	6324	18	6	7	1687	117	233
THRC 070	26	28	560910	2		X	X	257	4475	57	11.18	7.66	104888	173934	945	X	3896	7	7	7	1736	117	114
THRC 070	28	30	560911	6		X	X	153	3507	42	8.82	6.6	108691	180240	998	X	2421	X	5	7	1447	104	71
THRC 070	30	32	560912	5		X	X	215	3231	36	9.29	6.33	88970	147538	2747	X	2462	X	5	9	1293	99	70
THRC 070	32	34	560913	X		X	X	262	3558	40	13.48	8.49	93158	154482	3392	X	4172	5	7	11	1520	102	88
THRC 070	34	36	560914	X		X	X	214	4171	27	12.43	12	111344	184640	2657	X	3583	X	7	11	1653	110	85
THRC 070	36	38	560915	X		X	X	183	4371	23	10.54	16	109421	181451	2627	X	3232	X	7	8	1402	92	76
THRC 070	38	40	560916	8		X	X	145	2870	31	8.71	8.81	121758	201909	2547	X	3473	6	5	7	1854	95	81
THRC 070	40	42	560917	11		X	X	129	2084	20	7.27	22.93	103877	172256	1567	X	3002	9	5	5	1527	57	65
THRC 070	42	44	560918	5		X	X	108	3539	6	7.13	28.92	122954	203892	969	X	1974	19	3	4	617	50	63
THRC 070	44	46	560919	9		X	X	106	2485	6	6.39	26.49	133394	221204	940	X	1811	12	5	4	598	46	51
THRC 070	46	48	560920	4		X	X	63	531	12	8.14	11.43	76518	126888	1136	X	803	13	5	5	6045	220	62

				Au	Au-Rp1	Ag	As	Co	Cr	Cu	Fe	LOI	Mg	MgO	Mn	Mo	Ni	Pb	Pd	Pt	Ti	V	Zn
Hole	**D from**	**D to**	**sample**	**ppb**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**%**	**%**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppb**	**ppb**	**ppm**	**ppm**	**ppm**
THRC 070	48	50	560921	2		X	X	56	507	6	8.07	14.84	78988	130985	1077	X	497	8	6	3	5003	232	63
THRC 070	50	52	560922	86	0.1	1	X	64	599	54	7.88	6.94	72209	119742	922	X	558	27	5	3	4383	168	75
THRC 070	52	54	560923	6		1	X	44	113	243	5.74	4.5	36465	60469	677	3	180	29	3	1	5365	151	44
THRC 070	54	57	560924	137	0.14	X	X	78	1475	69	6.72	74.21	140583	233125	1113	X	1189	16	7	8	1775	108	60
THRC 070	57	60	560925	13		X	X	101	1782	71	7.76	8.16	148710	246603	1119	X	1526	23	6	8	1943	116	71
THRC 070	60	63	560926	9		X	X	94	1601	85	8.14	11.25	154271	255824	1259	X	1281	23	7	8	2071	122	73
THRC 070	63	66	560927	14		X	X	71	891	35	7.19	10.77	131783	218533	1065	X	964	46	5	5	2514	118	61
THRC 070	66	69	560928	99	0.1	X	13	80	1164	70	6.94	13.97	147198	244095	1069	2	1301	14	7	6	1664	96	54
THRC 070	69	70	560929	22		X	136	76	1365	51	6.35	10.67	151734	251618	1154	2	1235	13	5	7	1375	83	61
THRC 070	70	72	560930	5		X	17	20	127	15	4.4	8.54	27792	46088	1299	3	148	23	2	2	2293	57	53
THRC 070	72	74	560931	16		1	300	11	73	34	3.79	17.6	16499	27361	3243	X	101	52	X	X	1045	25	73
THRC 070	74	75	560933	10		2	82	14	112	38	4.29	23.58	14670	24327	4403	X	151	129	1	X	809	27	96
THRC 070	75	76	560934	6		1	62	24	180	44	5.13	10.36	29884	49556	1535	4	189	35	2	2	2622	83	90
THRC 070	76	79	560935	3		X	X	6	59	36	1.49	1.32	6340	10513	200	16	63	34	1	X	412	8	19
THRC 070	79	82	560936	2		X	X	5	36	64	1.98	1.46	8869	14708	217	17	41	18	1	3	764	14	27
THRC 070	82	85	560937	12		X	32	17	92	32	4.24	4.67	20584	34134	688	5	140	14	1	2	2640	53	62
THRC 070	85	87	560938	5		X	17	14	43	21	3.53	4.58	18459	30611	695	4	59	9	X	X	2729	51	57
THRC 070	87	88	560939	7		X	66	71	929	26	7.94	-0.12	117810	195362	1627	X	822	8	7	9	3815	143	78
THRC 070	88	89	560940	6		X	10	28	343	24	6.36	15.49	76933	127577	1817	X	371	13	3	3	1625	59	63
THRC 070	89	92	560941	3		X	27	83	1121	47	7.14	11.3	141030	233868	1178	X	1173	41	6	8	1792	118	102
THRC 070	92	93	560942	5		X	X	52	217	195	8.92	3.49	75879	125829	2074	2	246	40	24	15	7908	304	124
THRC 070	93	95	560943	4		1	X	48	139	195	9.11	1.49	57010	94539	2020	X	151	73	26	16	8019	314	108
THRC 070	95	97	560944	6		1	17	58	442	162	9	3.67	82676	137100	1918	2	430	74	21	14	6474	264	129
THRC 070	97	98	560945	10		X	55	85	1328	42	7.5	8.04	154770	256652	876	X	1168	23	7	8	1507	128	113
THRC 070	98	99	560946	4		X	55	73	899	34	7.13	10.98	126662	210042	958	X	910	X	7	9	1919	132	75
THRC 070	99	100	560947	5		X	47	84	1059	29	7.11	10.53	143872	238579	1081	X	1148	10	7	8	1650	119	69
THRC 070	100	101	560948	2		X	18	68	931	52	7.12	11.01	121321	201184	1257	2	878	7	7	9	2233	139	64
THRC 070	101	102	560949	4		X	106	77	1046	34	6.6	10.3	134323	222745	1068	X	1164	7	7	8	1661	113	66
THRC 070	102	103	560950	4		X	81	72	1091	58	6.64	10.14	129296	214408	1254	X	1050	7	7	7	2030	129	69
THRC 070	103	104	560951	1		1	76	49	404	6	5.94	9.4	68496	113586	1018	2	384	9	4	4	4359	141	84
THRC 070	104	106	560952	1		X	8	14	62	39	3.34	3.72	19213	31861	444	4	70	12	X	X	2570	69	39
THRC 070	106	108	560953	1		X	34	27	218	32	5.4	8.52	39554	65591	941	2	163	9	3	2	3824	111	56
THRC 070	108	112	560954																				
THRC 071	0	3	560955																				
THRC 071	3	8	560956																				
THRC 071	8	13	560957																				
THRC 071	13	18	560958																				
THRC 071	18	23	560959																				
THRC 071	23	28	560960																				

				Au	Au-Rp1	Ag	As	Co	Cr	Cu	Fe	LOI	Mg	MgO	Mn	Mo	Ni	Pb	Pd	Pt	Ti	V	Zn
Hole	D from	D to	sample	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppm	ppm	ppm
THRC 071	28	33	560961																				
THRC 071	33	38	560963																				
THRC 071	38	43	560964																				
THRC 071	43	48	560965																				
THRC 071	48	53	560966																				
THRC 071	53	56	560967																				
THRC 071	56	58	560968	5		X	16	14	41	50	3.08	2.32	11617	19265	504	4	44	15	X	X	3060	60	50
THRC 071	58	59	560969	5		X	7	7	34	19	2.35	1.54	10142	16819	278	4	33	67	X	X	1791	38	37
THRC 071	59	60	560970	7		1	20	26	94	68	5.19	4.16	20852	34579	1330	2	69	51	X	X	3697	143	63
THRC 071	60	62	560971	15		1	11	48	96	92	9.26	1.45	37740	62583	1624	X	92	18	X	X	6491	288	93
THRC 071	62	63	560972	4		X	X	10	20	34	2.53	2.08	9771	16203	601	4	37	46	X	X	2325	42	40
THRC 071	63	65	560973	3		X	7	11	20	25	2.89	1.67	9036	14984	553	6	34	23	X	X	2559	47	52
THRC 071	65	68	560974	2		X	11	10	23	21	3.5	4.54	18079	29980	1002	4	36	36	X	X	2398	44	74
THRC 071	68	71	560975	2		X	X	12	17	30	3.45	1.88	10319	17112	545	4	29	34	X	X	3138	57	56
THRC 071	71	74	560976																				
THRC 071	74	77	560977																				
THRC 071	77	80	560978																				
THRC 071	80	81	560979																				
THRC 071	81	83	560980																				
THRC 071	83	85	560981																				
THRC 071	85	86	560982																				
THRC 071	86	88	560983	2		X	5	10	18	30	2.97	3.23	12068	20012	509	4	26	15	X	X	3125	52	35
THRC 071	88	89	560984	X		X	5	10	19	25	3.2	2.25	25941	43018	408	2	21	15	X	X	3221	54	28
THRC 071	89	90	560985	2		X	45	61	713	23	6.45	7.91	145979	242075	698	3	1034	29	4	5	2859	102	69
THRC 071	90	92	560986	1		X	5	11	73	12	2.78	2.47	38818	64371	261	3	128	35	1	1	2662	56	20
THRC 071	92	93	560987	9		X	7	92	1004	X	4.34	12.62	201386	333955	853	X	2313	14	2	2	308	23	41
THRC 071	93	95	560988	5		X	6	89	1881	30	6.23	10.39	173017	286911	945	X	1702	18	5	7	1092	72	47
THRC 071	95	97	560989	7		X	13	88	1631	13	6.26	13.44	177376	294138	1254	X	1800	32	6	7	878	60	43
THRC 071	97	99	560990	14		X	42	82	1527	52	6.89	7.55	155846	258436	1003	X	1204	6	7	9	1628	117	57
THRC 071	99	101	560991	14		X	53	55	805	33	5	7.14	107411	178118	866	5	848	29	5	6	1551	79	56
THRC 071	101	102	560993	5		X	X	4	19	30	1.47	1.02	10266	17025	190	51	17	29	X	X	598	12	20
THRC 071	102	104	560994	3		X	18	23	111	62	4.57	5.46	27686	45911	484	8	118	17	X	X	3134	83	64
THRC 071	104	106	560995	2		1	10	29	75	97	6.51	5.69	36914	61213	918	5	64	21	X	1	4220	136	84
THRC 071	106	108	560996	1		X	271	52	710	47	5.16	6.91	89297	148079	896	3	749	18	4	5	2017	78	81
THRC 071	108	112	560997	1		X	X	6	17	35	2.66	2.21	11789	19550	322	5	12	31	X	X	1923	23	79
THRC 071	112	116	560998	X		X	X	8	22	42	3.3	3.53	15205	25214	464	5	11	28	X	X	2741	31	88
THRC 071	116	120	560999	1		X	24	14	41	60	4.43	12.76	19816	32861	950	5	31	49	X	X	3146	63	92
THRC 071	120	124	561000	6		X	26	18	72	28	3.87	5.53	23868	39581	792	4	76	19	2	4	2788	67	65
THRC 071	124	128	135701	21		X	36	11	30	25	3.05	4.38	11492	19057	523	3	30	14	X	X	2708	48	55

				Au	Au-Rp1	Ag	As	Co	Cr	Cu	Fe	LOI	Mg	MgO	Mn	Mo	Ni	Pb	Pd	Pt	Ti	V	Zn
Hole	D from	D to	sample	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppm	ppm	ppm
THRC 071	128	131	135702	3		X	15	14	48	27	3.25	5.34	19908	33013	690	4	57	13	X	X	3136	56	56
THRC 071	131	132	135703	3		X	10	40	253	74	6.71	10.16	58786	97484	1133	X	213	13	6	5	5548	175	87
THRC 071	132	134	135704	3		X	7	64	830	52	7.21	9	114171	189327	1319	X	751	9	7	10	3526	146	68
THRC 071	134	135	135705	5		X	44	62	794	37	6.24	10.74	115375	191324	1692	X	816	7	5	8	2285	105	57
THRC 071	135	137	135706	5		X	17	78	1376	33	7.28	8.76	150145	248983	1372	X	1205	X	6	8	2083	112	63
THRC 071	137	139	135707	6		X	X	83	1238	33	7.59	7.5	154248	255786	1326	X	1206	17	6	9	2011	124	56
THRC 071	139	141	135708	5		X	X	61	506	129	8.69	3.87	90060	149345	1824	X	543	81	17	13	5574	239	80
THRC 071	141	143	135709	31		1	35	54	420	158	8.74	3.15	73967	122658	1985	X	330	31	18	13	6892	276	101
THRC 071	143	145	135710	4		X	37	80	1601	34	7.25	8.87	149296	247575	908	X	1125	32	7	9	1848	127	75
THRC 071	145	147	135711	2		X	8	74	1176	68	6.99	9.59	133673	221667	996	X	981	10	7	10	1879	124	62
THRC 071	147	148	135712	1		1	10	42	226	106	6.88	5.38	57864	95954	1388	X	171	12	14	15	3752	219	70
THRC 071	148	149	135713	3		1	14	44	202	96	7.03	6.56	59279	98302	1481	X	169	20	14	16	3590	221	94
THRC 071	149	152	135714	X		1	15	37	145	27	6.44	6.33	52300	86728	1392	X	124	39	14	15	3552	208	85
THRC 071	152	156	135715	X		X	22	45	238	107	6.98	5.62	58319	96710	1469	X	185	12	14	17	3599	216	69
THRC 071	156	160	135716	5		X	44	42	391	273	7.22	6.57	66375	110068	1417	X	352	55	5	6	3362	136	114
THRC 072	0	3	135717																				
THRC 072	3	8	135718																				
THRC 072	8	12	135719																				
THRC 072	12	17	135720																				
THRC 072	17	22	135721																				
THRC 072	22	27	135722	5		X	8	94	1311	58	7.85	4.63	136617	226550	1939	X	1243	X	4	8	2024	135	71
THRC 072	27	32	135723	6		1	X	63	620	84	7.39	3.38	83716	138825	1511	5	718	11	3	6	5458	142	70
THRC 072	32	34	135724	6		X	X	73	1873	68	7.57	5.19	133772	221832	1487	X	1661	X	2	6	2143	121	74
THRC 072	34	35	135725	1		X	X	479	7062	86	18.72	9.13	97113	161041	2785	X	6294	8	5	13	2195	140	136
THRC 072	35	37	135726	X		X	6	461	5933	68	16.9	12.33	95437	158261	2897	X	6499	6	4	10	1452	103	132
THRC 072	37	39	135727	1		X	X	242	4221	26	12.11	10.49	123040	204034	2111	X	4179	7	4	7	860	63	111
THRC 072	39	42	135728	X		X	X	293	4316	28	12.79	13.09	145018	240481	3055	X	4962	8	3	8	970	73	130
THRC 072	42	44	135729	X		X	X	130	2106	14	7.18	15.44	148188	245737	1152	X	2832	X	3	6	520	37	71
THRC 072	44	46	135730	3		X	X	92	2105	9	5.35	21	179517	297689	675	X	2187	5	2	2	356	32	69
THRC 072	46	48	135731	X		X	X	113	1415	10	5.55	18.22	196361	325621	837	X	2319	X	2	3	428	30	45
THRC 072	48	50	135733	7		X	X	102	1665	7	6.37	15.88	208824	346289	911	X	2434	X	2	3	324	34	53
THRC 072	50	52	135734	2		X	X	103	1776	3	5.97	15.62	210111	348424	811	X	2562	X	X	2	305	26	47
THRC 072	52	54	135735	2		X	7	83	1391	7	5.08	17.34	203088	336776	759	X	2265	X	1	2	228	19	32
THRC 072	54	56	135736	X		X	X	81	1418	8	4.5	19.71	166535	276161	848	X	1900	X	3	3	334	26	37
THRC 072	56	58	135737	1		X	X	80	1551	24	5.25	25.57	158378	262636	824	X	1907	X	3	4	463	32	44
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THRC 072	60	62	135739	2		X	9	94	1617	6	5.17	15.1	212017	351583	657	X	2363	13	2	3	333	29	55
THRC 072	62	64	135740	2		X	X	88	1964	9	4.78	15.99	195204	323703	863	X	2125	13	3	6	407	33	49
THRC 072	64	66	135741	2		X	10	96	1820	38	6.33	13.51	178639	296233	810	X	1823	X	4	6	845	62	44

				Au	Au-Rp1	Ag	As	Co	Cr	Cu	Fe	LOI	Mg	MgO	Mn	Mo	Ni	Pb	Pd	Pt	Ti	V	Zn
Hole	D from	D to	sample	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppm	ppm	ppm
THRC 072	66	68	135742	6		X	7	94	1638	37	6.3	12.66	165858	275039	956	3	1679	X	5	7	1117	76	48
THRC 072	68	71	135743	13		X	10	85	2050	48	6.4	14.6	166332	275826	1030	4	1522	X	2	6	1092	81	58
THRC 072	71	74	135744	11		X	7	78	1978	42	6.44	8	149198	247411	880	X	1224	5	6	9	1860	112	59
THRC 072	74	77	135745	5		X	X	54	1051	9	6.01	12.83	122175	202601	836	X	864	9	6	7	2903	118	37
THRC 072	77	80	135746	X		X	X	95	1751	12	5.64	14.73	207595	344250	777	X	2177	10	2	4	565	36	42
THRC 072	80	83	135747	2		X	X	99	2844	8	6.55	13.65	217595	360833	972	X	2134	X	3	4	606	49	58
THRC 072	83	86	135748	4		X	X	94	1593	118	6.63	11.57	187801	311427	906	X	1631	38	2	4	2245	61	54
THRC 072	86	88	135749	4		X	X	100	2693	X	6.15	13.68	225138	373343	762	X	2277	X	2	4	452	43	56
THRC 072	88	91	135750	2		X	X	95	2167	4	6.06	13.68	219043	363234	906	X	2146	X	3	4	508	41	49
THRC 072	91	94	135751	2		X	X	98	1838	18	6.52	12.49	208039	344986	933	X	2049	X	4	6	1107	64	47
THRC 072	94	97	135752	3		X	X	100	2115	3	6.28	13.58	219936	364715	892	X	2167	X	3	5	523	42	48
THRC 072	97	100	135753	2		X	X	104	2079	14	6.93	13.47	215379	357160	1087	X	2053	X	2	5	753	49	57
THRC 072	100	103	135754	2		X	X	106	2350	24	7.33	13.46	217709	361022	1090	X	2035	X	2	5	511	47	56
THRC 072	103	106	135755	5		X	7	83	2284	18	6.67	11.23	195190	323679	1086	X	1472	8	3	6	2723	97	55
THRC 072	106	109	135756	3		X	X	97	2242	8	6.72	11.77	206184	341911	971	X	1948	X	4	6	704	53	49
THRC 072	109	112	135757	4		X	10	87	1680	3	5.99	12.17	198796	329659	969	X	1908	29	5	7	769	58	36
THRC 072	112	115	135758	4		X	X	92	1930	7	6.14	10.59	203678	337755	908	X	2000	7	4	5	711	54	39
THRC 072	115	116	135759	3		X	X	87	3352	21	6.13	9.46	174692	289689	922	X	1538	X	3	4	571	53	52
THRC 072	116	117	135760	3		X	X	81	2493	30	7.05	8.84	157844	261749	984	X	1170	X	6	7	1287	100	46
THRC 072	117	118	135761	5		X	X	86	2269	31	7.14	8.47	149975	248701	1087	X	1320	X	6	7	1439	112	53
THRC 072	118	119	135763	8		X	X	82	2015	17	8.27	4.88	151829	251775	1184	X	1023	X	7	10	2536	146	57
THRC 072	119	121	135764	4		X	18	65	1790	3	7.23	2.92	139458	231261	932	X	865	5	6	14	2461	162	51
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THRC 072	127	131	135767	4		X	X	52	271	41	9.49	5.59	76235	126420	1031	3	198	20	3	3	7409	204	97
THRC 072	131	134	135768	87	0.11	X	X	66	663	31	8.82	6.06	107611	178450	717	4	432	17	4	4	4638	178	67
THRC 072	134	135	135769	36		X	X	48	368	136	7.32	1.89	57995	96171	1197	3	143	10	11	13	4075	240	59
THRC 072	135	136	135770	9		X	X	42	371	98	7.32	2.02	58575	97133	1197	2	136	15	12	12	3964	238	59
THRC 072	136	137	135771	8		X	X	47	437	119	7.44	2.77	63127	104683	1209	3	179	12	12	13	3945	237	60
THRC 072	137	139	135772	6		1	30	49	372	43	7.44	4.08	76893	127510	1221	X	232	12	10	13	3777	229	60
THRC 072	139	144	135773																				
THRC 072	144	149	135774																				
THRC 072	149	154	135775																				
THRC 072	154	158	135776																				
THRC 072	158	159	135777																				
THRC 072	159	160	135778																				
THRC 072	160	164	135779																				
THRC 072	164	168	135780																				
THRC 072	168	173	135781																				

				Au	Au-Rp1	Ag	As	Co	Cr	Cu	Fe	LOI	Mg	MgO	Mn	Mo	Ni	Pb	Pd	Pt	Ti	V	Zn
Hole	D from	D to	sample	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppm	ppm	ppm
THRC 072	173	178	135782																				
Standard			135732	89		X	117	70	899	428	9.83	5.51	7497	12432	418	10	543	159	5	4	3556	95	682
Standard			135762	87	0.1	X	111	67	1112	409	9.7	5.55	7192	11926	413	11	514	155	5	4	3424	94	667
Standard			560832	83		1	117	70	952	430	9.99	5.44	7554	12527	425	10	540	163	4	3	3711	101	691
Standard			560862	82		1	117	69	1045	428	10.05	5.67	7275	12065	425	10	528	161	4	3	3629	100	696
Standard			560892	82		X	118	69	1069	421	10.13	5.13	7203	11944	422	10	533	161	4	4	3641	97	690
Standard			560932	85		X	114	70	906	437	10.01	5.67	7107	11786	415	10	536	158	4	4	3499	95	683
Standard			560992	86		X	114	69	958	421	9.48	5.4	7251	12025	399	10	528	155	5	4	3076	92	656

Appendix 4

MITHRIL

A.C.N. 099 883 922

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Subject: Mullina Well Downhole EM interpretation

Author: A Thompson
Tenements:
Date: 15th February 2006

Introduction

A 3 component downhole EM program was conducted at the Mullina Well Prospect near Tarcoola in South Australia's mid north to determine whether the surface EM conductors had been intersected by drilling. Downhole EM was conducted on holes THRC069, THRC071 and THRC072 from a single loop at the surface. Holes THRC070 and THRC068 were not cased with pvc at the time of drilling and as a result were blocked and could not be surveyed.

Results

The response on all holes was dominated by the overburden response out to 16 milliseconds. A small response in the V component of the EM field was identified in THRC069 at a depth of 100m (figure 3) however no late time in-hole EM response was visible in the Axial (figure 1) or U components (figure 2) as was expected. This suggests the mineralisation intersected in this hole is either small or only weakly conductive.

A second response was identified in the V component data in TCRC071 at a depth of 60m (figure 6). Again there was little response in the axial (figure 4) or U components (figure 5). This correlates with a mineralised amphibolite unit which contains 1-2% sulphides. Interpretation of this anomaly in conjunction with the fixed loop ground EM data suggests a poorly conductive flat dipping plate model at a depth of 15m beneath the surface. Although TCRC070 was not surveyed with downhole EM, if this model generated from the nearby TCRC071 was correct, hole TCRC070 should have intersected the model at approximately 20m down the hole. It can be seen that this corresponds with high iron values of up to 30%. Again no in-hole responses were observed in the axial and X component data for this hole.

At TCRC072 no responses were identified other than that of the overburden (figures 7-9). No offhole conductors were identified in any of the drillholes.

Conclusion

The downhole EM interpretation suggests that the mineralisation intersected in the hole is due to small amounts of sulphide none of which are massive. Furthermore based on the downhole EM data, no massive sulphide mineralisation is thought to exist in the vicinity of the holes.

The lack of both inhole and off hole anomalism is puzzling due to the presence of the surface EM anomalies and the intersected sulphides. One would have expected a strong in hole response or in the event that this was not apparent, a lesser off hole response. One possible scenario is that the target was not coupled with effectively however as the same loop was used for the fixed loop (where an EM response was observed) and downhole EM (where a response was not readily observed) this cannot be the case.

Remodeling of the data to include the new information suggests that in the absence of any real downhole EM anomalism, the surface EM anomalies are now interpreted to be caused by the edge of a large, shallow poorly conductive body such as a weathering trough. This model fits the fixed loop EM data well (figure 11) except that it for it to fit on all lines, the response should have been observed in all holes rather than just 071. This body does appear to correlate with intersections of up to 0.6% Ni mineralisation, so is interesting, however based on the current downhole EM there are no other targets to pursue.

Another possible explanation for the lack of response in the downhole EM may be due to the large transmitting loop used which caused a large background effect, effectively blanketing the weak response from the body. A smaller transmitting loop may overcome this problem.

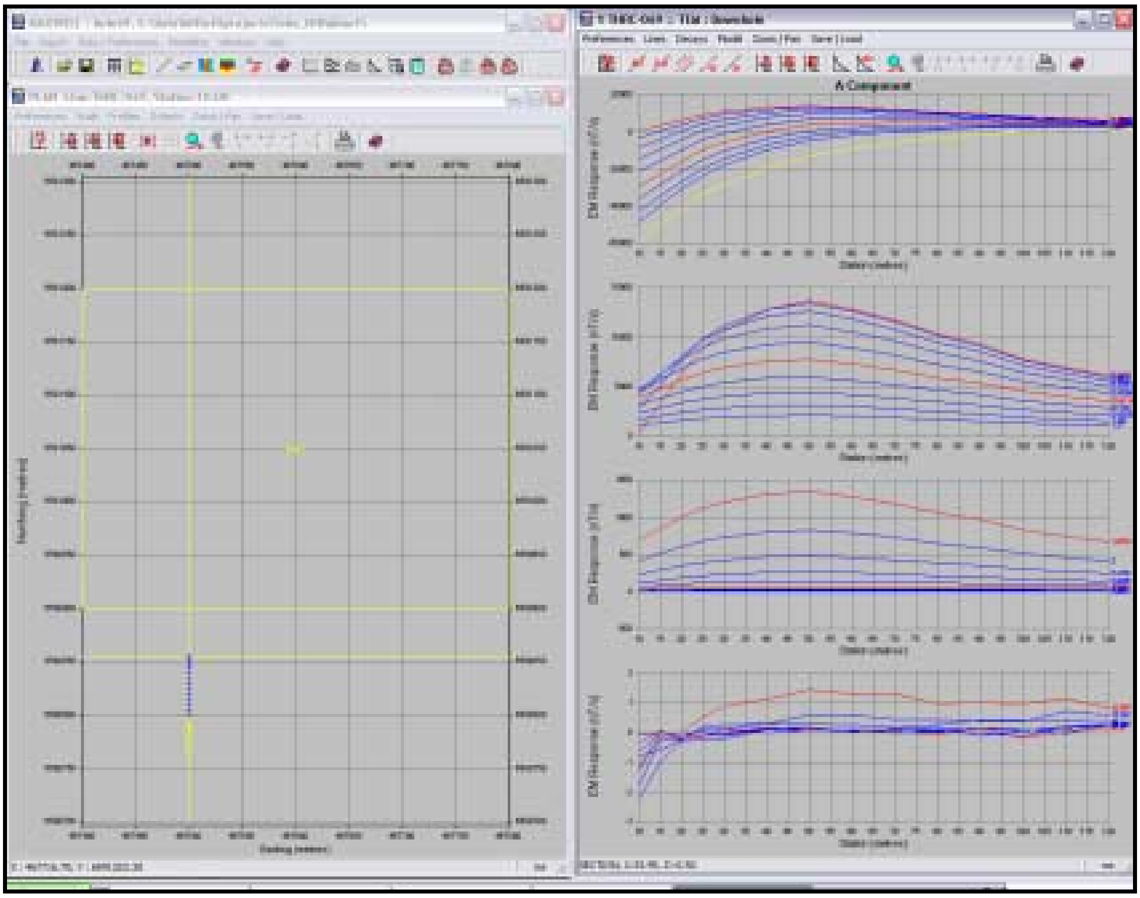

Figure 1 Hole 069 Axial Component

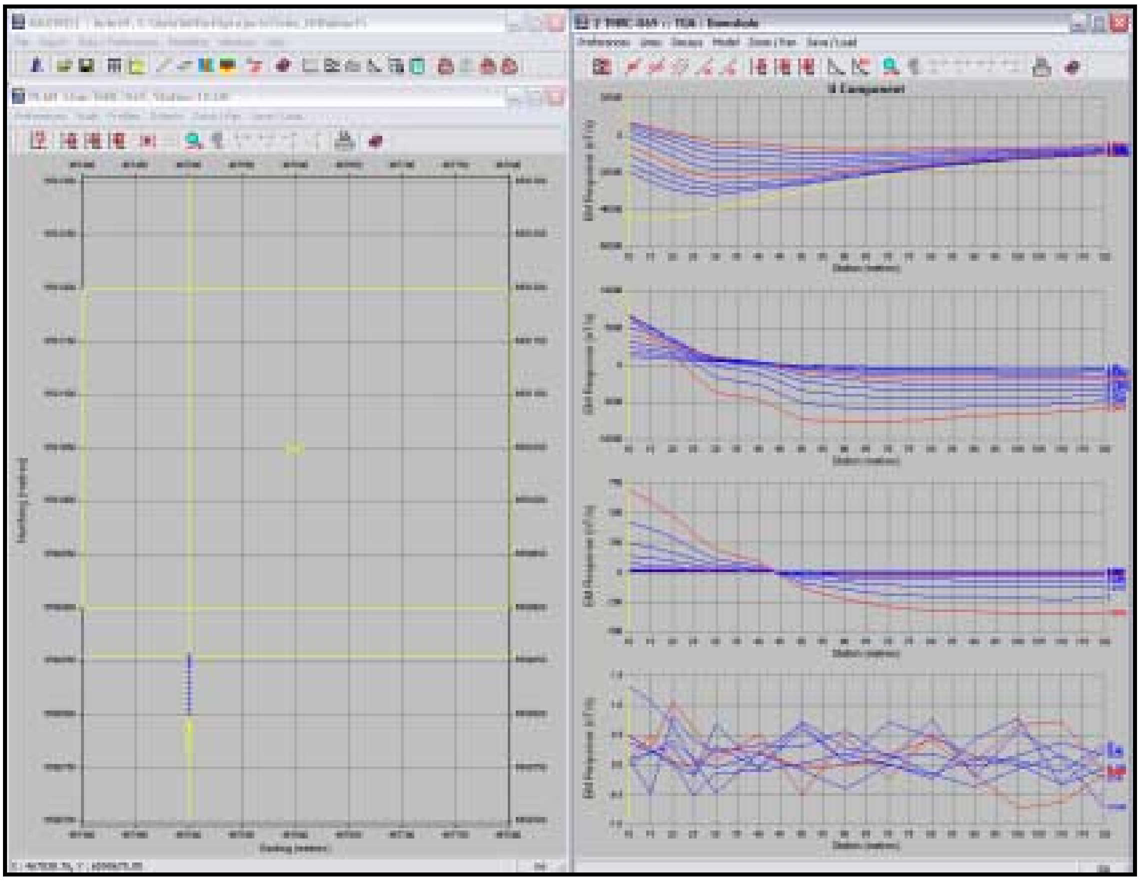

Figure 2 Hole 069 U component

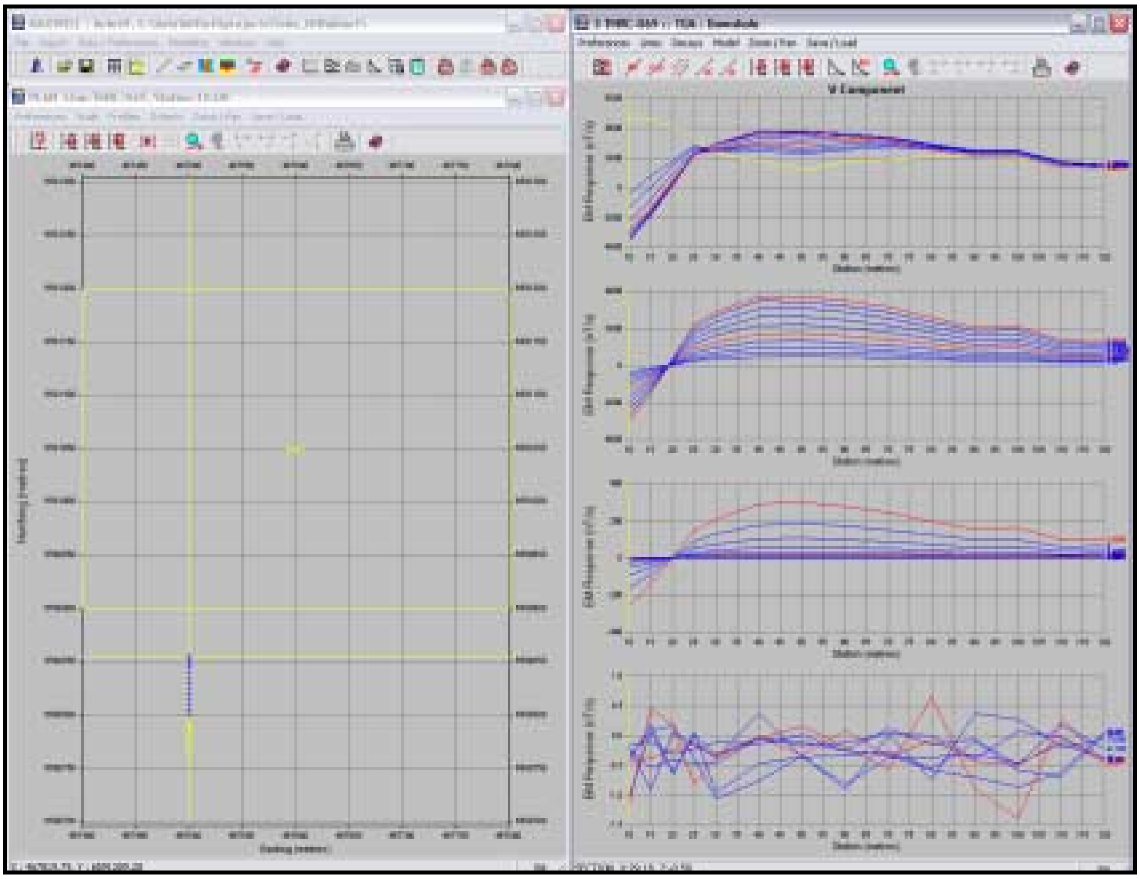

Figure 3 Hole 069 V Component

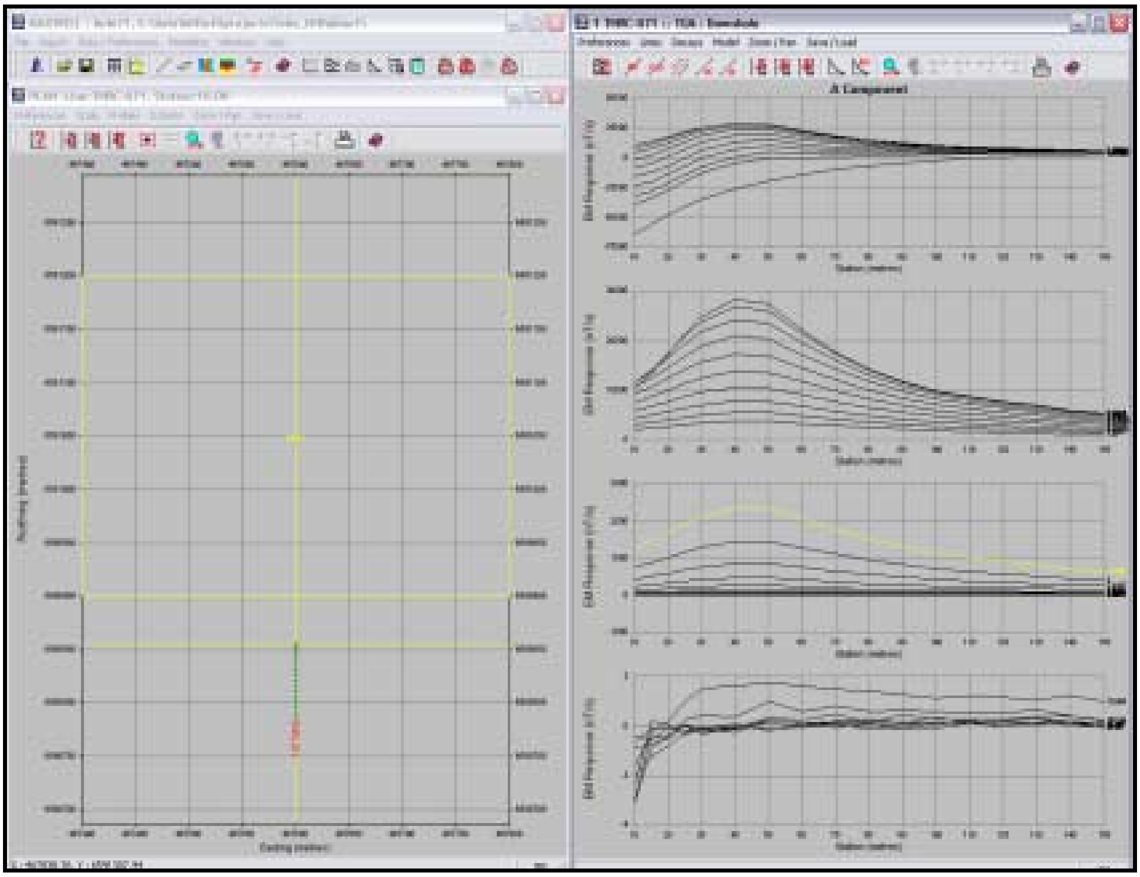

Figure 4 Hole 071 axial component

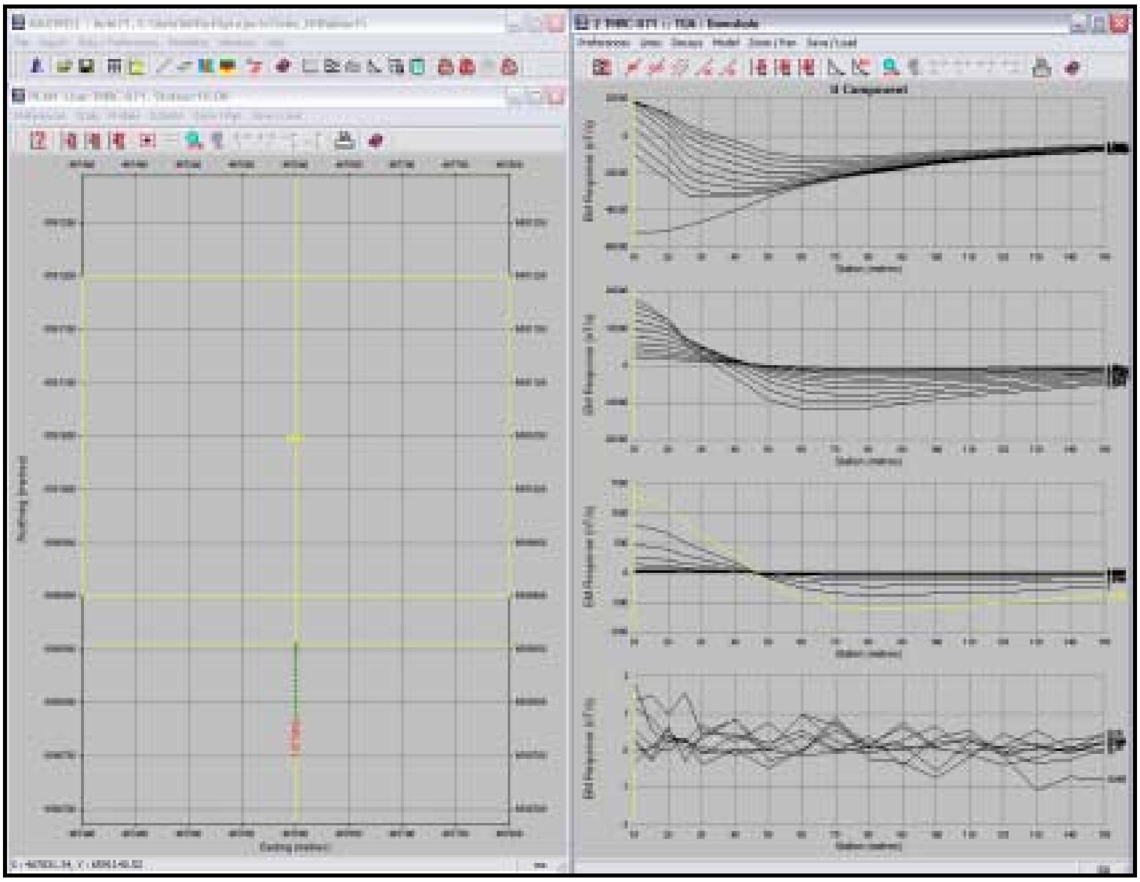

Figure 5 Hole 071 U component

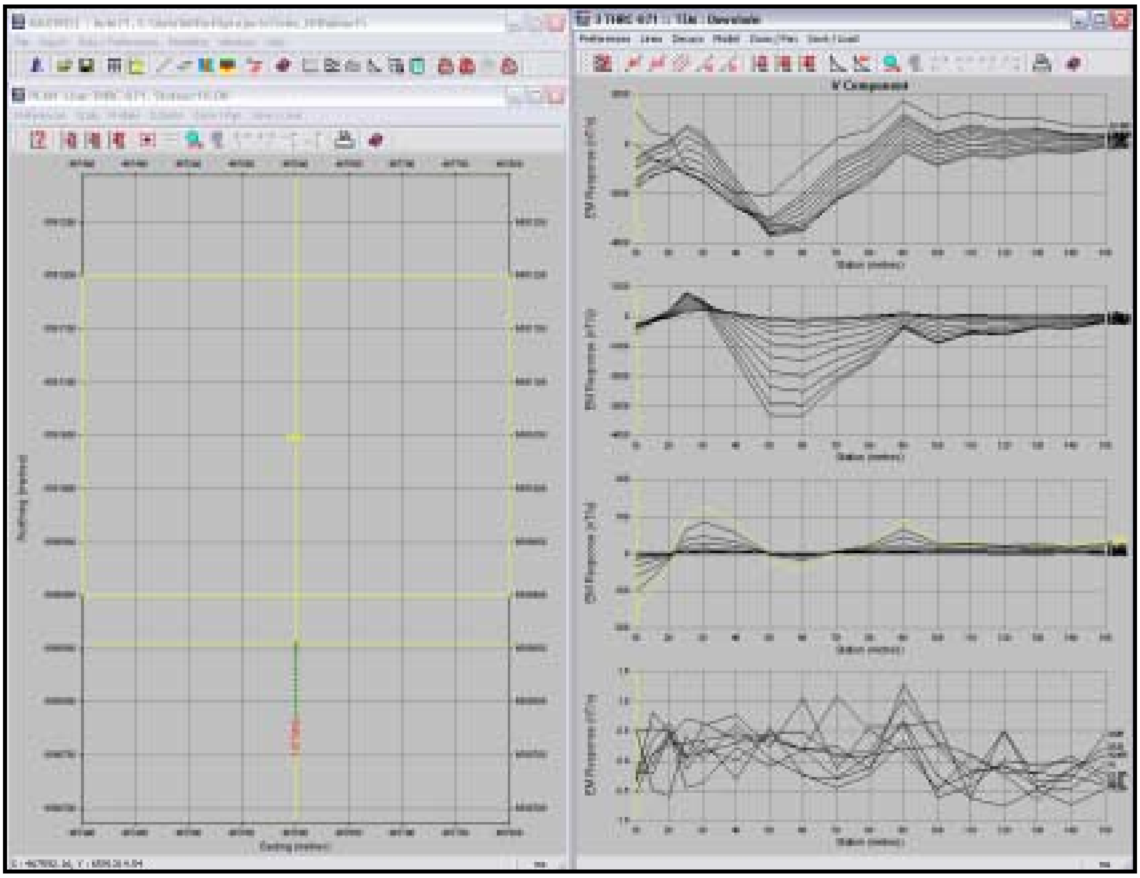

Figure 6 Hole 071 V component

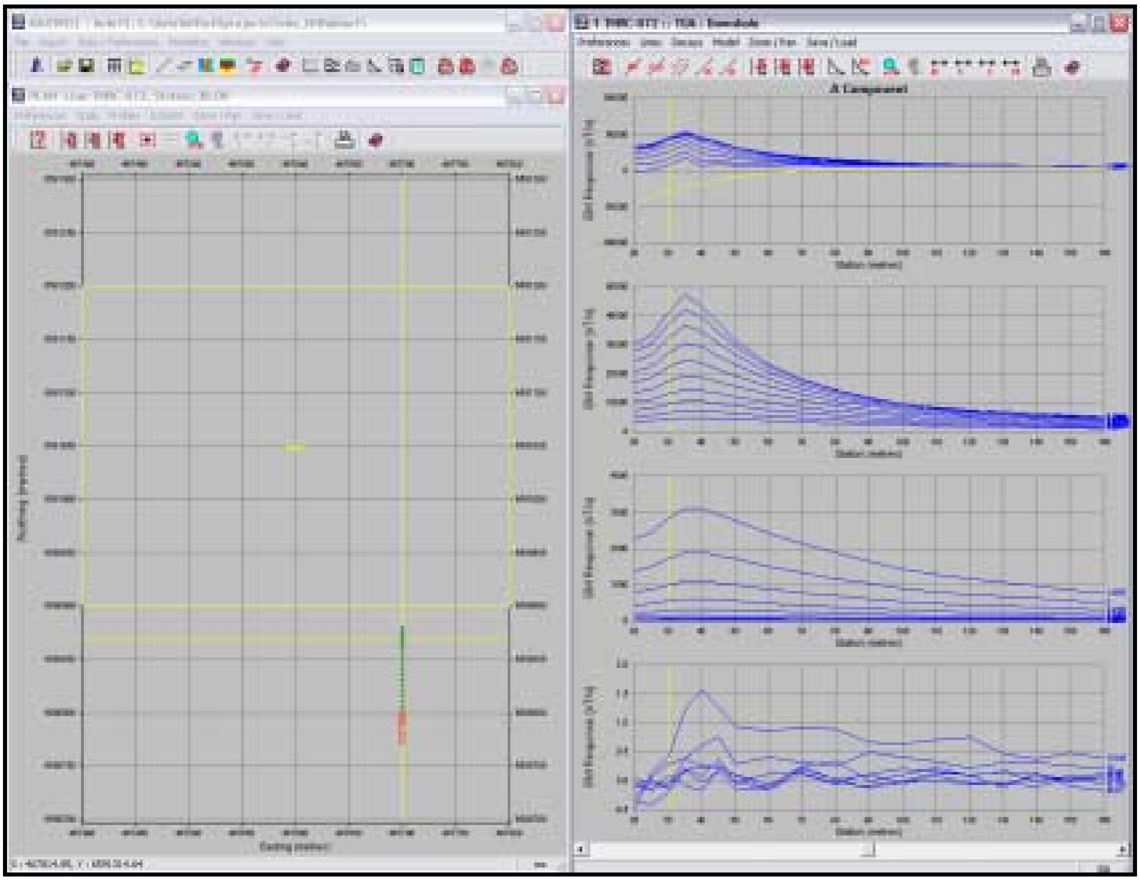

Figure 7 Hole 072 Axial Component

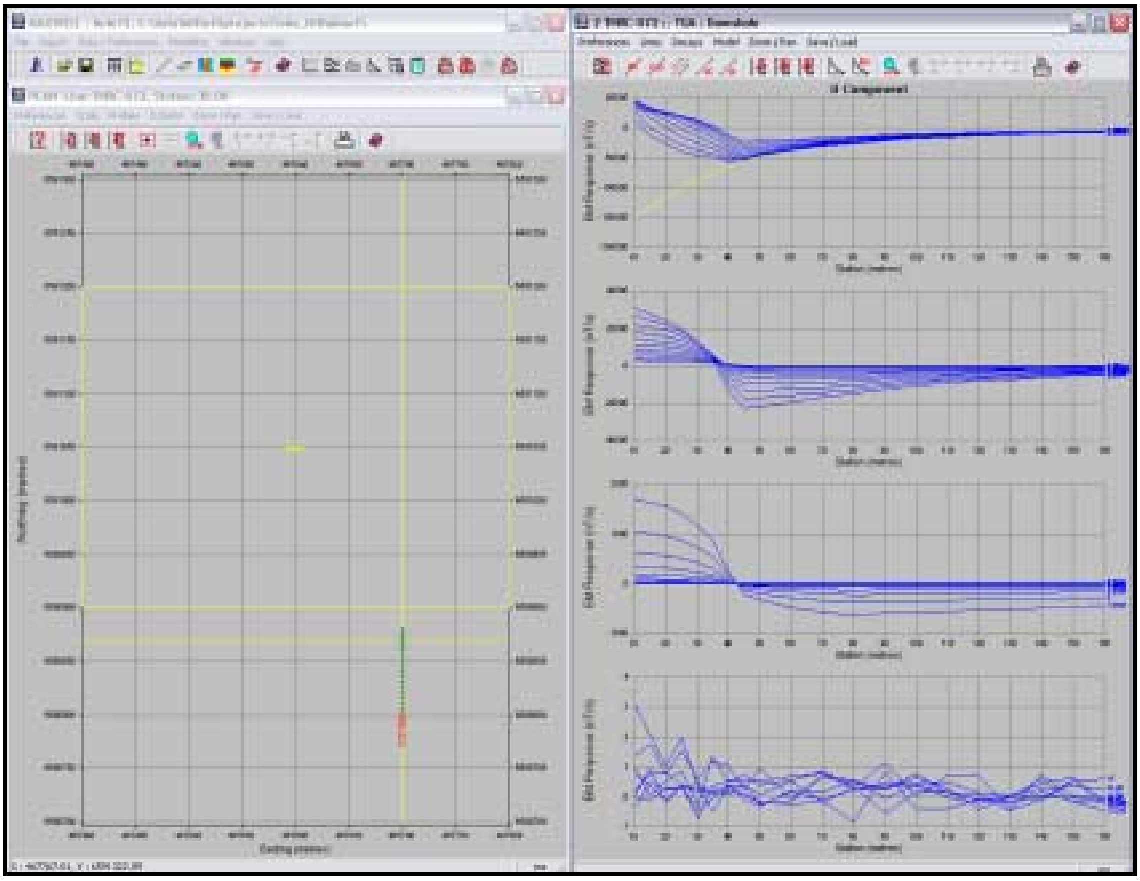

Figure 8 Hole 072 U component

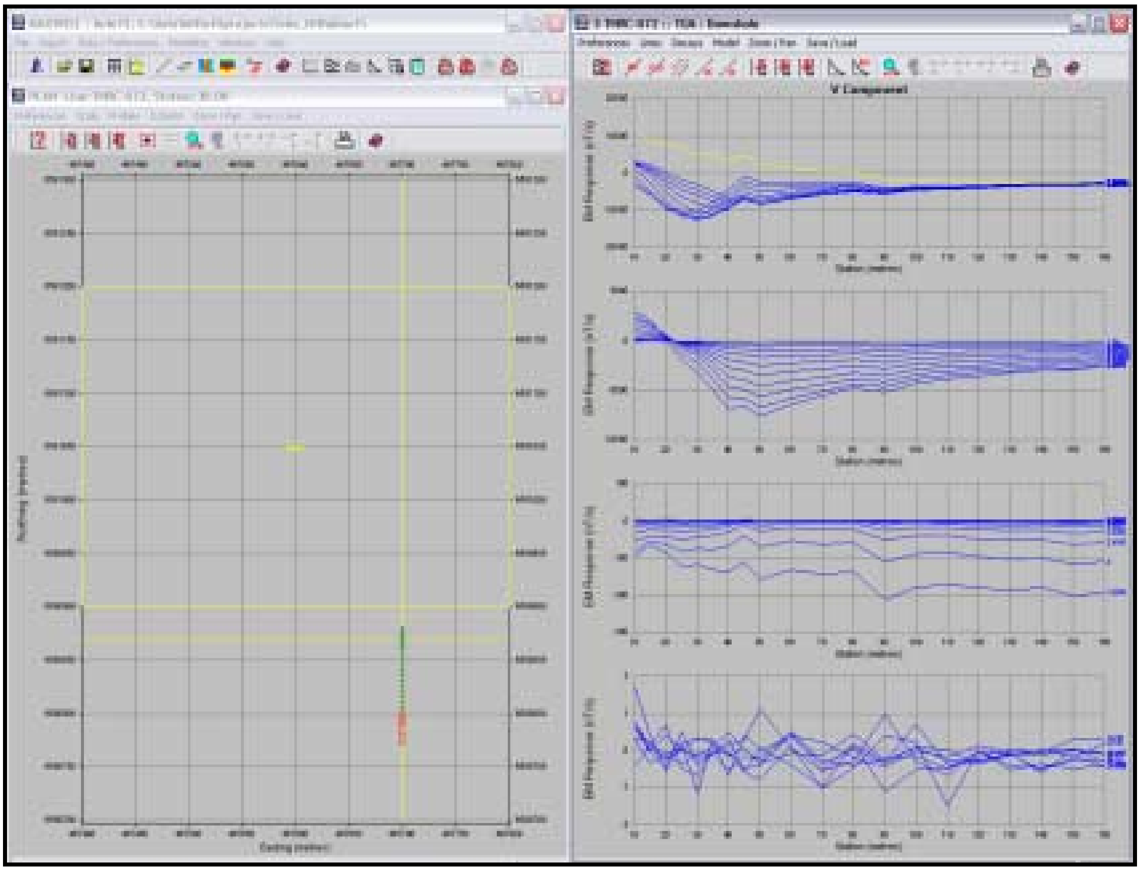

Figure 9 Hole 072 V component

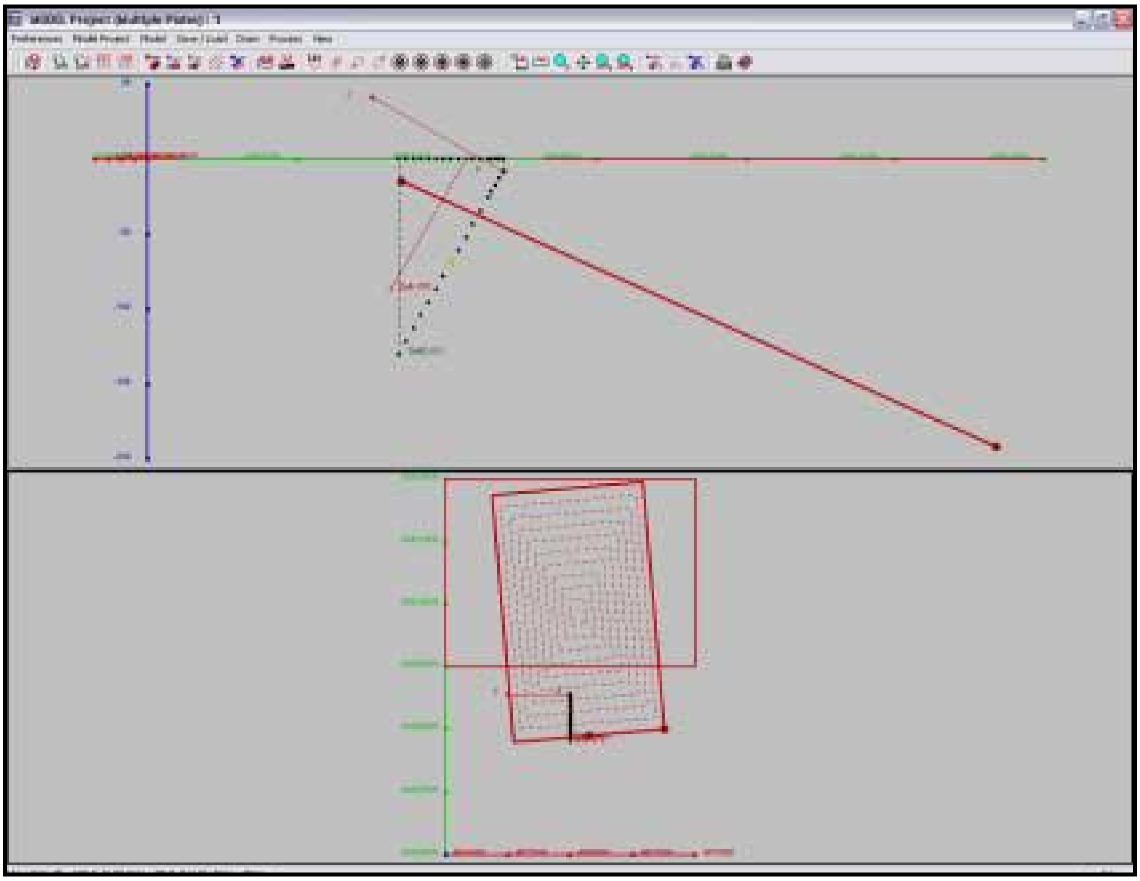

Figure 10. DHEM model for hole 071.

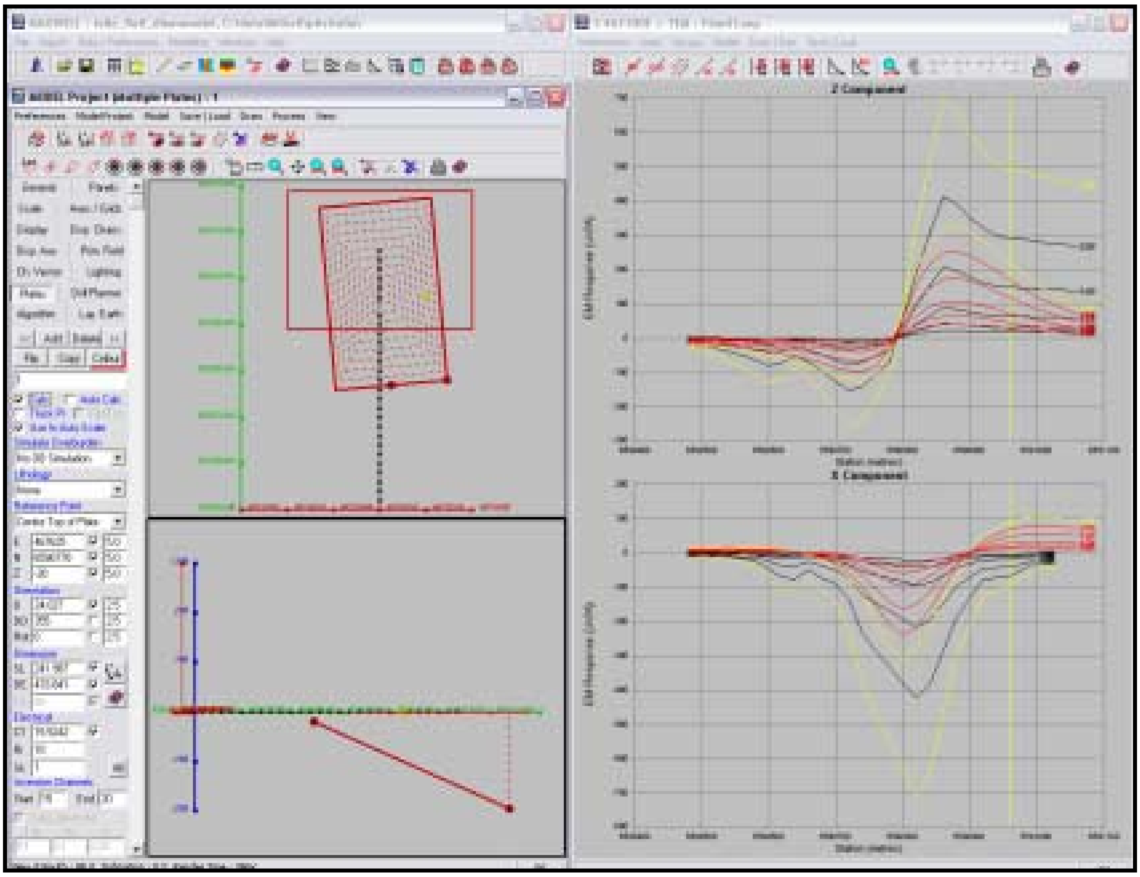

Figure 11 Moving loop EM model for fixed loop line 467700E

Appendix 5

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A.C.N. 099 883 922

REHBILITATION REPORT
TALIA HILL EL 2842

Andrew Fowler

MAP REFERENCE:
1:250 000 TARCOOLA

CONTENTS

FIGURES

INTRODUCTION

In December 2005 Mithril Resources completed five RC percussion drill holes on three 100m spaced traverses on Exploration License 2842 as part of Primary Industries and Resources S.A. 'PACE Theme 2' collaborative drilling program.

The drilling tested a surface TEM conductor coincident with the development of nickel enrichment in the weathering profile over a portion of the Harris Greenstone belt known as the Mullina Prospect located approximately 15 km southeast of Tarcoola.

The drilling intersected a sequence of ultramafic rock types which are interpreted to be komatiites that have sheared contacts with gneissic rock types. Sulphides (dominantly pyrite) were commonly identified in the ultramafic rocks but only in amounts of less than 2%. Two eight metre intervals grading over 0.5% Ni were intersected in weathered ultramafic rocks.

One drill hole (THRC-069) intersected up to 15% pyrite over 2m which graded 0.44g/t Au. It is probable that this pyritic horizon is the source of the surface conductor although downhole EM failed to detect any significant offhole conductive bodies.

To minimize the environmental impact of exploration activities, guidelines developed by PIRSA (Environmental impact for Mineral Exploration Activities in South Australia) were followed, together with Mithril strategy of early intervention during and after each significant programme. This approached is intended to minimise environmental disruption and maximise regrowth and regeneration of the disturbed areas. In addition environmental disruption was minimised through an emphasis on minimal clearing of vegetation and minimal off-track driving.

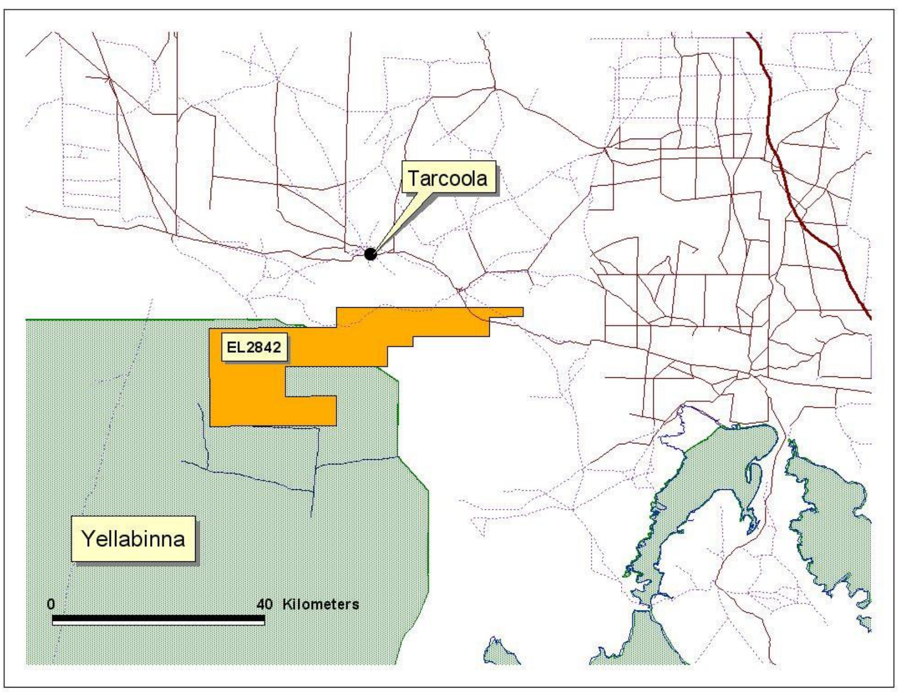

Figure 1: Location of EL2842

DRILLING

Under the PACE funding five RC percussion drill holes (THRC068 – THRC072) were completed for a total of 682 meters by the contractor Orbit Drilling. These holes were drilled at 60 degrees to the south on three traverses (46500E, 46600E and 46700E) targeting the ground EM conductor beneath the regolith anomalism identified in the weathered ultramafics. The deepest hole on each traverse was cased to bottom with 50mm PVC for downhole geophysics. The location of these drill holes with respect to the geochemically anomalous zone and ground EM anomaly are shown in figure 2 and all collar details are contained in Appendix 1.

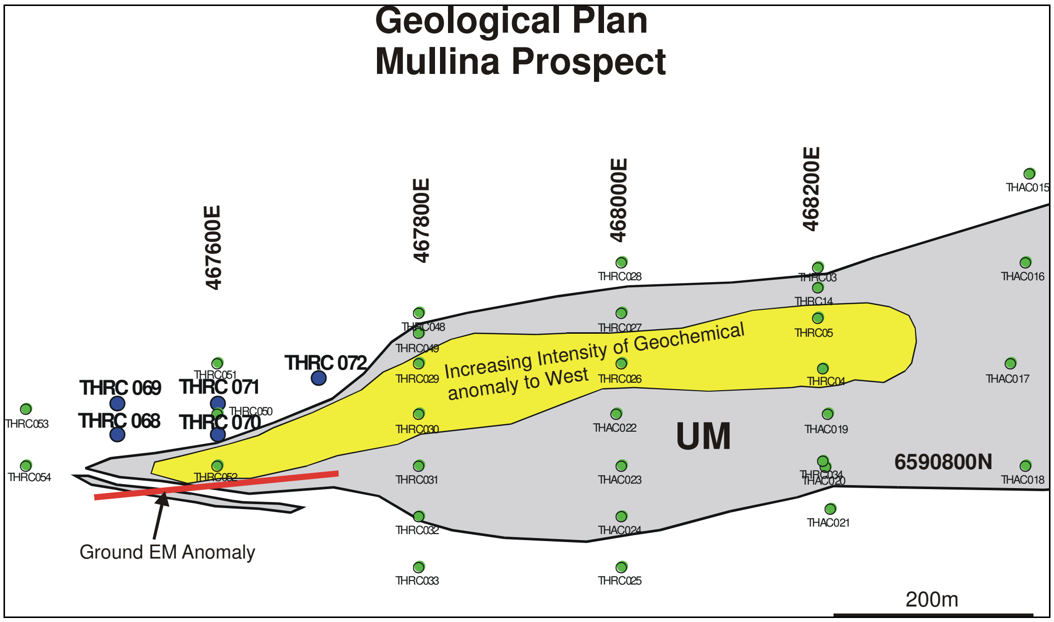

Figure 2: Geological plan of Mullina Prospect

REHABILITATION

Rehabilitation of the RC and Aircore holes was undertaken during February 2005. Andrew Brockhoff, a local contractor from Coober Pedy, was hired to assist with the rehabilitation programme using a front-end loader. At each site all drill cuttings were buried, and the sumps refilled. The collars at each site were plugged and back filled after the completion of each hole. All surface rubbish was removed and each drill site and all non-station access tracks were scarified, using a specially designed scarifier.

Figure 3: Specially designed scarifier that was used for the rehabilitation

Table 1: Location of drill holes

Hole #	Easting	Northing	date drilled	hole depth (m)
THRC-068	467500	6590830	10/12/2005	112
THRC-069	467500	6590860	11/12/2005	120
THRC-070	467600	6590830	13/12/2005	112
THRC-071	467600	6590860	14/12/2005	160
THRC-072	467700	6590890	14-15/12/05	178

The rehabilitated sites will be routinely checked and the progress of revegetation and rehabilitation monitored.

Figure 4: THRC068 before and after rehabilitation

Figure 5: THRC069 before and after rehabilitation

Figure 6: THRC070 before and after rehabilitation

Figure 7: THRC071 before and after rehabilitation

Figure 8: THRC072 before and after rehabilitation

MINEX (AUST) PTY LTD

MTH
MITHRIL
RESOURCES LTD

14 August, 2008

Executive Director
PIRSA - Mineral Resources
GPO Box 1671
ADELAIDE, SA 5001

Dear George,

RE: Annual Technical Report for EL 3817 – Talia Hill

I refer to the Annual Technical Report for Exploration Licence 3817 – Talia Hill for the year ending 25th June 2008.

No new technical work or field exploration activities were conducted on this tenement for the reporting period due to the difficulty in sourcing a suitable drill rig to complete defined drill targets within the Yellabinna Regional Reserve accordingly this letter represents the Annual Technical Report for EL 3817 – Talia Hill.

Should you require any further information please contact me directly on 8366 6000.

Yours sincerely

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MINEX (AUST) PTY LTD

MITHRIL RESOURCES LTD

TALIA HILL PROJECT

EXPLORATION LICENCE 3817

ANNUAL and FINAL TECHNICAL REPORT

For Period

26th June 2008 to 25th June 2009

Jim McKinnon-Matthews
Chief Geologist

MAP REFERENCE:
TARCOOLA 1:250K SG53-10

JUNE 2009

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Summary
In September 2009 Mithril completed two RC percussion drill holes on gravity targets at the Yerda Prospect which is located within the Yellabinna Regional Reserve. The target was iron oxide copper gold mineralisation similar to that found at Olympic Dam and Prominent Hill.

Both drill holes intersected variably metamorphosed mafic rocks at shallow (<10m) depth beneath thin sand cover. As the gravity anomalies were modelled at 150-200m depth, the shallow mafic rocks can easily explain the gravity targets and no further work is recommended on these targets.

Two phases of rehabilitation have been completed on the licence during the reporting period relating to the RC drilling.

During Mithril's involvement in the EL (both as EL2842 and 3817) a number of significant drilling, geochemical and geophysical programs have been completed with a focus on komatiitic nickel sulphides and iron oxide copper gold mineralisation. Little encouragement for significant accumulations for either style of mineralisation has been encountered and as no targets remain to be tested the EL has been relinquished.

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Introduction

Mithril Resources Ltd has been exploring Exploration Licence 3817 (formerly 2842) – Talia Hill Project in a joint venture with BHP Billiton. The licence is located largely on Wilgena Station and within Yellabinna Regional Reserve (YRR) south of Tarcoola in central South Australia (Figure 1).

A gravity survey completed in 2005 as part of a regional PACE Program by PIRSA identified a number of gravity anomalies within the YRR under sand cover on the western extension of the Yerda Fault identified in magnetic data. Once all the approvals such as a DEF and heritage clearance survey were completed it took over 2 years to secure a suitable drill rig to test these targets. This report documents this drilling.

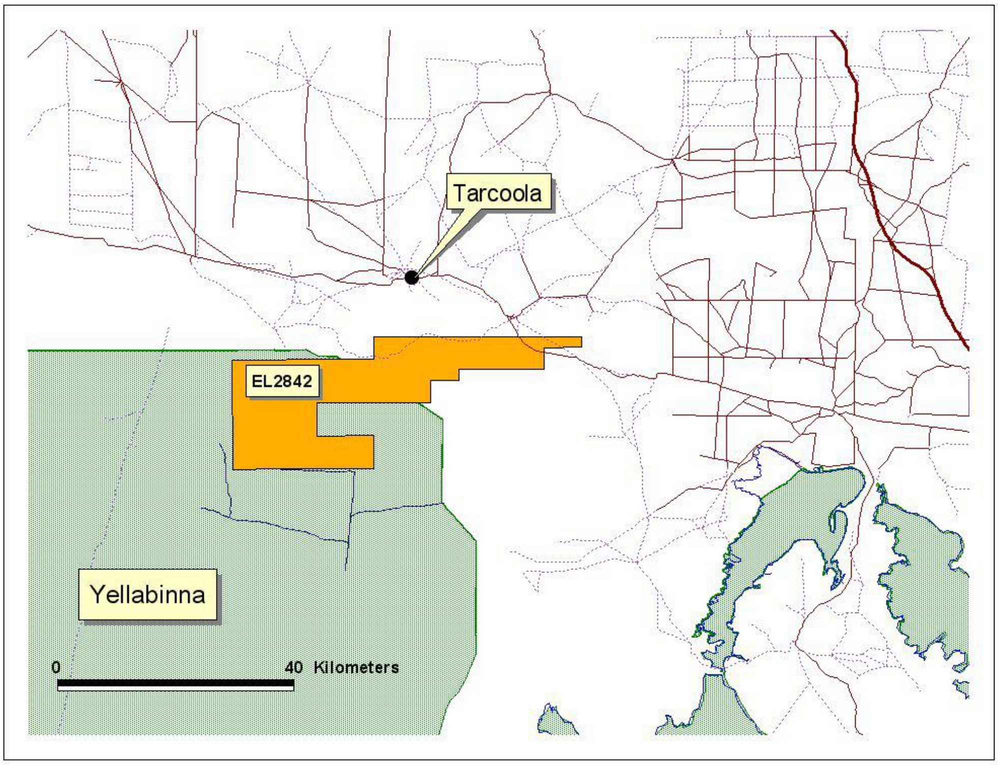

Figure 1: Location of EL3817 (formerly 2842)

Previous Exploration of the Licence area

Much of the previous exploration over the licence area has been focussed on the Mullina Well Prospect and ultramafic rocks associated with the komatiites. The Mullina Well area has been explored for gold by Pima and the larger area of the Harris Greenstone Domain was subject to a major drilling program by PIRSA. A review of this published open file data by Mithril Resources indicated that nickel enrichment in the weathering profile of high magnesia, magnetic ultramafic bodies in the greenstone belt was detected during these programs but not recognised for their potential significance as a geochemical sampling medium.

PIMA Mullina Well, 1996 to 1998 (Open File Envelope 9413)
Although there are over 200 drill holes in and around the areas targeted in this proposal, there was no sampling for nickel or other chacophile elements in the weathering profile and hence this data is of limited use for nickel exploration or the investigation of surficial or near surface sampling techniques.

Elevated nickel was encountered in end of hole samples from MA 2, 4, 7, 161, 162, sited over the interpreted southern margin of the Harris Komatiite.

PIRSA Mullina Well 2001, 2002 (Report Books 2002/29, 2002/11)
Four PIRSA drill holes intersected supergene enrichment associated with an ultramafic body, sited 400 m east of Line 8200.

Outside EL 2842, drill holes Lake Harris 2, KOKDD13, KOKDD15, KOK 5 and KOK 9 intersected similarly developed nickel enrichment in the weathering profile of ultramafic rocks near Lake Harris.

Mithril Resources' Previous Exploration of EL3817

Magnetic Lag Sampling

As part of Mithril's earlier exploration on EL 2842 magnetic lag was sampled over selected aeromagnetic anomalies in the greenstone belt. Magnetic lag was collected at 50m intervals along 200m spaced north-south traverses. At each site a large (150mm x 100mm x 25mm) ferrite block magnet sealed in plastic is passed over the ground surface until enough magnetic material has been collected. Depending on the abundance of magnetic material, the sample may be collected over a 10m radius from the 'sampling point'. The magnetic sample is collected in a small paper bag and its weight recorded. Ideally the sample should weigh between 40 and 100 grams.

At the Mullina and Mullina West areas the sample weights were commonly below 10 grams; however, they were sufficient to detect and delineate areas of anomalous nickel.

Transported cover decreases the effectiveness of the magnetic lag to reflect nickel mineralisation at depth. At Mullina, weathered basement is between 3 and 6 metres depth with the magnetic lag nickel anomalism occurring directly above the most concentrated nickel anomalism in the weathering profile.

As with soils and calcrete, elevation and palaeodrainage affect the reliability of magnetic lag sampling. Examination of the 'digital terrain model' shows the Mullina

Prospect to be situated along the axis of a north trending 14km wide topographical high. Both the Mullina West Prospect and the Moolkra Prospects are sited on lower lying ground which has been confirmed during this drilling program to represent the margins of deep, sediment filled palaeochannels.

At the Moolkra Prospect no magnetic lag sampling was conducted because the sedimentary cover (as indicated by historical drilling) is too great.

Mullina Prospect Drilling

Reverse circulation drilling of the magnetic lag nickel anomalies at the Mullina Prospect in June 2004 revealed elevated levels of nickel in the top 30m of the weathering profile with associated chalcophile element enrichment.

Mithril Drilling 04-06

The project comprised two broad goals encompassing the further delineation of the supergene chalcophile element dispersion in the vicinity of line 8200 at Mullina and the exploration for similar weathering profiles and element enrichment at two other targets in the Harris Greenstone Belt.

The project was successful in further delineation of the supergene chalcophile element dispersion at the Mullina Prospect but failed to identify any significant Ni anomalism or high MgO komatiites at Mullina West or Moolkra Prospects. Focus of exploration was then concentrated at Mullina.

A ground EM survey was conducted over the supergene chalcophile element anomalism at the Mullina Prospect. All details of this survey were reported as an addendum to the DPY2-42 proposal. Results of this survey indicated a steep westerly dipping east-west striking conductive body with a gentle plunge component to the east. It was this conductor that was the target of the RC percussion drilling associated with DPY2-42. Drilling of this conductor was completed in 2006 with no nickel sulphides being intersected. The conducive horizon was interpreted to be clays associated with deeper weathering of the ultramafic bodies and/or a pyritic horizon located along the contacts of the dismembered ultramafic body.

Yerda Gravity Target

Following the identification of the gravity anomalies in 2006 by PIRSA and the PACE initiative an agreement with the Far West Coast Native Title Claim Group on EL2842 was finalised in July 2006. In late July a heritage survey was completed, clearing two drill sites and approximately 12km of access routes to the drill sites. These drill hole locations and access tracks are shown in Figure 2 and are targeted on the gravity collected during the PACE initiative. Prior to this heritage survey DEH approved a “Drilling/use of declared equipment” within this portion of the Yellabinna Nature Reserve.

Mithril Resources’ Exploration of EL3817 in 2008/09

Two RC holes targeted on gravity anomalism were drilled on the Talia Hill EL 3817 during mid September 2008 (Figure 2). The holes YDRC01 and YDRC02 were drilled to depths of 80m and 127m respectively. Access to the drill sites was made difficult by a large dune field where sand ridges were up to eight metres high.

Following a heritage survey (completed in 2006), a track was cleared and a small temporary caravan camp was established on the access route and outside the dune field.

Drilling was completed in three days with few operational problems. Drill cuttings were put back down the drill holes or buried in the drill sumps and covered with sand during site rehabilitation. The access tracks between the temporary camp and drill sites were rehabilitated.

The drill cuttings were collected at each two metre interval (ie composited every 2m) and placed in large plastic bags. Each bag was sampled by an aluminium scoop to produce a sample of 1kg-2kg in mass. Each 2m interval was measured for magnetic susceptibility and geologically logged. Representative chips from each 2m interval were collected in chip trays. Duplicates were collected every 15-16 samples and all samples were submitted to ALS in Alice Springs for preparation and analysis for precious metals and major and minor elements. Analysis by ICPAES following fire assay was carried out for precious metals (Au, Pt, Pd) and ICPAES following a four acid digest was done for the other elements (33).

Geological Summary

Each hole intersected one to two metres of aeolian sand followed by saprolitic clays and then saprock. Weathering was complete down to 9m-11m and partial from 9m-16m. Unoxidised bedrock was visible from 12m-15m below surface. Collar locations are found in Appendix 1.

Both holes encountered undeformed and variably metamorphosed dolerites and basalts and in YDRC02 one to three metre intervals of meta-sandstones and meta-andesites were occasionally intersected. Sulphur content was low (max 0.55%), finely disseminated and was restricted to zones of pyrrhotite, pyrite and possibly marcasite often in association with quartz veining. Seven large representative rock fragments from various intervals in each hole were submitted for petrological description.

The geological logs, assays and petrology from selected samples can be found in Appendices 2, 3 and 4 respectively.

Assay Summary

Arsenic anomalism was present in samples between 4m and 20m in YDRC02 where there was a peak of 685ppm and an average for the interval of 384ppm. Gold values for the interval were all at or close to the limit of detection (1ppb) except for 12m-14m where the assay was 14ppb. The arsenic anomalism occurs in the weathered zone and in the top 4m of fresh rock. Its significance is likely to be minor especially in the absence of significant gold anomalism. Moderate barium anomalism is also associated with the arsenic – max of 215ppm against a background of 100ppm.
There was no anomalism in any other element in either hole. The maximum values are listed below in Table 2.

ELEMENT	YDRC01	YDRC02	UNITS
Ag	<0.5	<0.5	ppm
Au	4	27	ppb
Al	10.1	8.4	%
As	6	685	ppm
Ba	150	460	ppm
Be	10.2	1.4	ppm
Bi	4	5	ppm
Ca	7.6	17.3	%
Cd	<0.5	2.2	ppm
Cr	358	269	ppm
Co	52	100	ppm
Cu	177	247	ppm
Fe	10.7	11.75	%
Ga	30	30	ppm
K	2.7	0.75	%
La	20	20	ppm
Mg	4.4	3.8	%
Mn	1960	210	ppm
Mo	62	9	ppm
Na	2.1	4.2	%
Ni	162	136	ppm
P	680	1160	ppm
Pb	43	29	ppm
Pd	5	17	ppb
Pt	1	9	ppb
S	0.55	0.29	%
Sb	11	12	ppm
Sc	54	48	ppm
Sr	265	511	ppm
Th	<20	20	ppm
Ti	1.1	1.4	ppm
Tl	10	10	ppm
U	<10	20	ppm
V	422	415	ppm
W	10	10	ppm
Zn	142	152	ppm

Table 1: Maximum assays for each element

All analytical results can be found in Appendix 4.

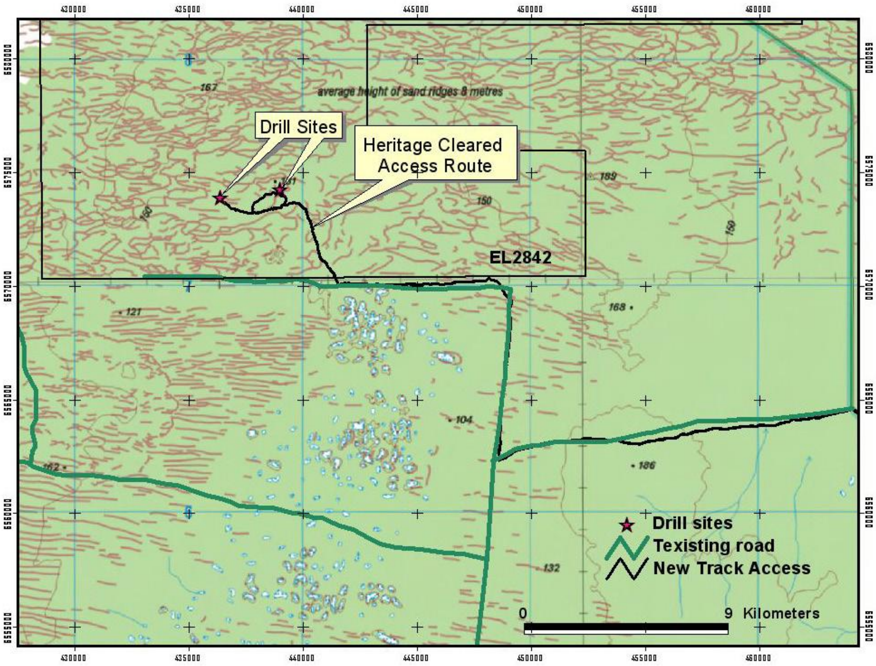

Figure 2: Heritage cleared drill hole and track locations

Rehabilitation

All drill holes and access tracks used for the drilling this year were rehabilitated as per PIRSA's standards. Two phases of rehabilitation were completed and these are detailed in Appendices 5 and 6.

Conclusion

Due to a refocus of projects and lack of significant encouragement from the exploration completed on the project it was decided not to renew the licence.

H0002	Version	3
H0003	Date_generated	
H0004	Reporting_period_end_date	26.06.09
H0005	State	SA
H0100	Tenement_no/Combined_rept_no.	3817
H0101	Tenement_holder	Minex (Aust) Pty Ltd
H0102	Project_name	Talia Hill
H0106	Tenement_operator	Mithril Resources Ltd
H0150	250K_map_sheet_number	SH53/10
H0151	100K_map_sheet_number	5736, 5836
H0200	Start_date_of_data_acquisition	Sep-08
H0201	End_date_of_data_acquisition	Sep-08
H0202	Data_format	DG1
H0203	Number_of_data_records	2
H0204	Date_of_metadata_update	
H0301	Location_data_file	RChole_data
H0302	Lithology_data_file	
H0303	Downhole_geochem_data_file	
H0304	Downhole_survey_data_file	
H0305	Surface_geochem_comp_data_file	
H0306	Surface_geochem_abbr_data_file	
H0308	File_verification_Listing	
H0309	Drilling_summary_data_file	
H0310	Water_data_file	
H0311	Hydrodata_in_litholog_flag	
H0312	Data_dictionary_file	
H0313	Alteration_data_file	
H0314	Magsusc_data_file	
H0315	Vein_data_file	
H0316	Recovery_data_file	
H0317	Weathering_data_file	
H0318	Other_data_file	
H0400	Drill_code	RC
H0401	Drill_contractor	United Drilling Services
H0402	Description	RC
H0500	Feature_located	Survey
H0501	Geodetic_datum	GDA94
H0502	Vertical_datum	AHD
H0503	Projection	Universal Transverse Mercator (UTM)
H0508	Local_grid_name	
H0510	Local_grid_information	
H0511	Local_grid_information	
H0530	Coordinate_system	Projected
H0531	Projection_zone	53
H0532	Surveying_instrument	GPS Standalone Navigational
H0533	Surveying_company	
H0600	Sample_code	
H0601	Sample_type	
H0602	Sample_decription	
H0700	Sample_description_code	
H0701	Sample_preparation_details	

H0702	Job_No							
H0800	Assay_code							
H0801	Assay_company							
H0802	Assay_description							
H0900	Comments							
H1000	**hole**	**EL**	**EAST**	**NORTH**	**DEPTH**	**DIP**	**DATE**
D	YDRC01	3817	436370	6573865	80	-90	20.09.08
D	YDRC02	3817	439000	6574250	127	-90	21.09.08

H1000	hole #	FROM	TO	WEATH.	LITHOLOGY
D	YDRC01	0.0	3.0	Complete	Red-brown aeolian sand
D	YDRC01	3.0	5.0	Complete	Red-brown aeolian sand and pale saprolitic clay
D	YDRC01	5.0	9.0	Complete	White and pale green saprolitic clay and minor ferricrete
D	YDRC01	9.0	15.0	Partial	Fine grained metadolerite and minor green clay
D	YDRC01	15.0	24.0	None	Fine grained metadolerite and rare quartz veining
D	YDRC01	24.0	28.0	None	Massive quartz and pegmatite veining and minor metadolerite
D	YDRC01	28.0	80.0	None	Fine grained metadolerite
D	YDRC01			None	Fine grained metadolerite
D	YDRC01			None	Fine grained metadolerite
D	YDRC01			None	Fine grained metadolerite
D	YDRC01			None	Fine grained metadolerite
D	YDRC01			None	Fine grained metadolerite
D	YDRC01			None	Fine grained metadolerite
D	YDRC01			None	Fine grained metadolerite
D	YDRC01			None	Fine grained metadolerite
D	YDRC01			None	Fine grained metadolerite
D	YDRC01			None	Fine grained metadolerite
D	YDRC01			None	Fine grained metadolerite
	YDRC02	0	1	Complete	Red-brown aeolian sand
	YDRC02	1	3	Complete	Cream-pale brown calcrete and minor clay
	YDRC02	3	5	Complete	Pale brown calcrete, dark brown ferricrete and minor clay
	YDRC02	5	6	Complete	Dark brown ferricrete, pale clay and minor sand
	YDRC02	6	9	Complete	Brown ferruginous saprolitic clay with relict bedrock fabric
	YDRC02	9	10	Complete	Pale brown saprolitic bedrock after schist/gneiss
	YDRC02	10	11	Complete	Pale khaki saprolitic bedrock after schist/gneiss
	YDRC02	11	12	Partial	Pale khaki and pale brown saprolitic bedrock and minor partly oxidised schist/gneiss
	YDRC02	12	16	Partial	Khaki and pale brown clayey schist/gneiss and unoxidised black amphibolite
	YDRC02	16	18	None	Dark grey, amphibolite
	YDRC02	18	20	None	Pale grey silicified amphibolite
	YDRC02	20	28	None	Dark grey, amphibolite and rare vein quartz
	YDRC02	28	29	None	Grey, silicified amphibolite/metabasalt and vein quartz
	YDRC02	29	34	None	Dark grey, amphibolite and rare vein quartz
	YDRC02	34	40	None	Dark grey, amphibolite

hole #	FROM	TO	MINERALS	SUB-INTERVAL	SULPHIDES
YDRC01	0.0	3.0	quartz		
YDRC01	3.0	5.0	quartz, clay		
YDRC01	5.0	9.0	quartz, clay, limonite		
YDRC01	9.0	15.0	clay, feldspar, orthopyroxene		
YDRC01	15.0	24.0	clay, feldspar, orthopyroxene, quartz	15m-24m	rare fine grained pyrite, chalcopyrite
YDRC01	24.0	28.0	quartz, feldspar, orthopyroxene		
YDRC01	28.0	80.0	quartz, feldspar, orthopyroxene	32m-33m	minor quartz veins & rare pyrite
YDRC01				33m-34m	rare pyrrhotite, pyrite & chalcopyrite
YDRC01			rare vein quartz	36m-42m	
YDRC01				42m-43m	rare pyrrhotite in vein quartz
YDRC01				46m-47m	rare pyrrhotite
YDRC01				48m-50m	30% vein quartz, rare pyrrhotite
YDRC01				52m-61m	minor vein quartz and rare pyrrhotite
YDRC01				63m-67m	10%-50% vein quartz and rare pyrrhotite
YDRC01			10% vein quartz	68m-70m	
YDRC01				70m-76m	minor disseminated pyrrhotite
YDRC01			minor vein quartz	76m-80m	
YDRC01			minor epidote alteration	78m-80m	
YDRC02	0	1	quartz		
YDRC02	1	3	calcite, clay and quartz		
YDRC02	3	5	calcite, limonite, clay and quartz		
YDRC02	5	6	clay, quartz, limonite		
YDRC02	6	9	clay, quartz, limonite		
YDRC02	9	10	clay, quartz		
YDRC02	10	11	clay, quartz		
YDRC02	11	12	clay, amphibole		
YDRC02	12	16	amphibole, quartz, biotite, clay		
YDRC02	16	18	amphibole, quartz, biotite		
YDRC02	18	20	amphibole, quartz, biotite		
YDRC02	20	28	amphibole, quartz, biotite		minor pyrrhotite
YDRC02	28	29	amphibole, quartz, biotite		marcasite, pyrite
YDRC02	29	34			
YDRC02	34	40		34m-35m	minor pyrrhotite (and marcasite?) &vn qu

H1000	hole #	FROM	TO	WEATH.	LITHOLOGY
	YDRC02	40	55	None	Pale grey silicified amphibolite/metabasalt and minor quartz veining
	YDRC02	55	127	None	Dark grey amphibolite derived from metabasalt, silicified in part with minor quartz veining
					Dark grey amphibolite derived from metabasalt, silicified in part with minor quartz veining
					Dark grey amphibolite derived from metabasalt, silicified in part with minor quartz veining
					Dark grey amphibolite derived from metabasalt, silicified in part with minor quartz veining
					Dark grey amphibolite derived from metabasalt, silicified in part with minor quartz veining

hole #	FROM	TO	MINERALS	SUB-INTERVAL	SULPHIDES
YDRC02	40	55		65m-67m	rare pyrite
YDRC02	55	127		69m-77m	rare pyrite
				84m-90m	rare pyrite
				90m-98m	1%-2% pyrite
				98m-101m	rare pyrite
				118m-127m	1%-2% pyrite

H1000	hole No.	FROM	TO	LENGTH	SAMPLE	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
					NUMBER	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca
						ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
D	YDRC01	0.0	2.0	2.0	47001	0.004	<0.005	<0.001	<0.5	0.54	<5	100	<0.5	<2	0.22
D	YDRC01	2.0	4.0	2.0	47002	<0.001	<0.005	<0.001	<0.5	1.17	<5	110	<0.5	<2	1.57
D	YDRC01	4.0	6.0	2.0	47003	0.001	<0.005	0.001	<0.5	2.64	<5	150	<0.5	<2	1.94
D	YDRC01	6.0	8.0	2.0	47004	0.001	<0.005	0.001	<0.5	8.05	<5	30	<0.5	<2	0.31
D	YDRC01	8.0	10.0	2.0	47005	<0.001	<0.005	0.001	<0.5	10.10	5	70	0.8	<2	1.77
D	YDRC01	10.0	12.0	2.0	47006	<0.001	<0.005	<0.001	<0.5	7.19	<5	60	2	<2	5.55
D	YDRC01	12.0	14.0	2.0	47007	<0.001	<0.005	<0.001	<0.5	7.06	<5	60	3.1	3	6.3
D	YDRC01	14.0	16.0	2.0	47008	<0.001	<0.005	<0.001	<0.5	7.33	<5	50	1.5	<2	6.84
D	YDRC01	16.0	18.0	2.0	47009	<0.001	<0.005	0.001	<0.5	7.88	<5	60	0.5	<2	7.18
D	YDRC01	18.0	20.0	2.0	47010	<0.001	<0.005	<0.001	<0.5	7.85	<5	60	0.6	<2	7.21
D	YDRC01	20.0	22.0	2.0	47011	0.003	<0.005	<0.001	<0.5	7.71	<5	70	0.8	<2	7.36
D	YDRC01	22.0	24.0	2.0	47012	<0.001	<0.005	<0.001	<0.5	7.53	6	50	0.5	<2	6.95
D	YDRC01	24.0	26.0	2.0	47013	<0.001	<0.005	<0.001	<0.5	6.79	<5	60	1.7	<2	3.02
D	YDRC01	26.0	28.0	2.0	47014	<0.001	<0.005	<0.001	<0.5	6.61	<5	50	1.3	<2	2.32
D	YDRC01	28.0	30.0	2.0	47015	<0.001	<0.005	<0.001	<0.5	7.39	<5	60	0.8	<2	7.09
D	YDRC01	28.0	30.0	DUPLIC.	47016	<0.001	<0.005	<0.001	<0.5	7.46	<5	60	0.8	<2	7.02
D	YDRC01	30.0	32.0	2.0	47017	<0.001	<0.005	<0.001	<0.5	7.20	6	50	1.3	<2	7.59
D	YDRC01	32.0	34.0	2.0	47018	<0.001	<0.005	<0.001	<0.5	7.18	<5	50	0.6	<2	7.21
D	YDRC01	34.0	36.0	2.0	47019	<0.001	<0.005	<0.001	<0.5	7.09	5	60	1.2	2	7.01
D	YDRC01	36.0	38.0	2.0	47020	<0.001	<0.005	0.001	<0.5	7.20	<5	60	0.9	<2	6.94
D	YDRC01	38.0	40.0	2.0	47021	<0.001	<0.005	<0.001	<0.5	7.25	5	60	1.3	<2	7.11
D	YDRC01	40.0	42.0	2.0	47022	<0.001	<0.005	<0.001	<0.5	7.28	<5	60	1.6	<2	7.56
D	YDRC01	42.0	44.0	2.0	47023	<0.001	<0.005	<0.001	<0.5	6.94	<5	60	1.4	<2	6.77
D	YDRC01	44.0	46.0	2.0	47024	<0.001	<0.005	<0.001	<0.5	7.10	<5	50	10.2	4	7.26
D	YDRC01	46.0	48.0	2.0	47025	<0.001	<0.005	<0.001	<0.5	7.15	5	60	5.1	2	7.04
D	YDRC01	48.0	50.0	2.0	47026	<0.001	<0.005	<0.001	<0.5	7.33	<5	40	3.8	2	6.92
D	YDRC01	50.0	52.0	2.0	47027	<0.001	<0.005	<0.001	<0.5	7.10	<5	40	2.4	<2	6.89
D	YDRC01	52.0	54.0	2.0	47028	<0.001	<0.005	<0.001	<0.5	7.19	<5	50	1	<2	7.06
D	YDRC01	54.0	56.0	2.0	47029	<0.001	0.005	<0.001	<0.5	7.15	6	50	2.2	<2	6.52
D	YDRC01	56.0	58.0	2.0	47030	0.001	<0.005	<0.001	<0.5	7.23	<5	60	1	<2	6.73
D	YDRC01	58.0	60.0	2.0	47031	<0.001	<0.005	<0.001	<0.5	7.11	<5	60	1.2	<2	6.48
D	YDRC01	58.0	60.0	DUPLIC.	47032	<0.001	<0.005	<0.001	<0.5	7.01	<5	60	1.3	<2	6.13
D	YDRC01	60.0	62.0	2.0	47033	<0.001	<0.005	0.001	<0.5	7.20	5	120	1.5	<2	6.38

H1000	hole No.	FROM	TO	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
				Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na
				ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%
D	YDRC01	0.0	2.0	<0.5	1	8	7	0.67	<10	0.1	<10	0.08	75	1	0.03
D	YDRC01	2.0	4.0	<0.5	2	16	12	0.87	<10	0.23	<10	0.21	72	1	0.1
D	YDRC01	4.0	6.0	<0.5	9	128	37	6.39	10	0.31	<10	0.33	194	7	0.31
D	YDRC01	6.0	8.0	<0.5	17	263	87	10.7	20	0.22	<10	0.3	473	11	0.78
D	YDRC01	8.0	10.0	<0.5	16	358	150	8.84	20	0.25	20	0.9	397	4	1.23
D	YDRC01	10.0	12.0	<0.5	37	289	128	8.17	20	0.3	10	3.6	1175	3	1.45
D	YDRC01	12.0	14.0	<0.5	47	274	144	8.75	20	0.34	<10	4.16	1360	2	1.45
D	YDRC01	14.0	16.0	<0.5	48	270	171	9.34	20	0.3	<10	4.43	1490	1	1.57
D	YDRC01	16.0	18.0	<0.5	48	152	168	9.43	20	0.34	<10	4.19	1570	1	1.64
D	YDRC01	18.0	20.0	<0.5	48	192	168	9.62	20	0.36	<10	4.29	1620	1	1.63
D	YDRC01	20.0	22.0	<0.5	46	230	101	9.46	20	0.47	<10	4.42	1660	2	1.63
D	YDRC01	22.0	24.0	<0.5	47	183	169	9.08	20	0.29	<10	4.05	1520	1	1.56
D	YDRC01	24.0	26.0	<0.5	20	31	69	4.45	20	2.71	<10	1.05	910	6	2.04
D	YDRC01	26.0	28.0	<0.5	14	29	28	3.47	20	2.7	<10	0.74	1055	4	2.14
D	YDRC01	28.0	30.0	<0.5	48	57	98	9.76	20	0.51	<10	2.58	1660	5	1.82
D	YDRC01	28.0	30.0	<0.5	45	53	93	9.91	20	0.59	<10	2.6	1660	5	1.84
D	YDRC01	30.0	32.0	<0.5	49	57	79	10.55	20	0.3	<10	2.79	1695	3	1.74
D	YDRC01	32.0	34.0	<0.5	49	54	138	10.2	20	0.32	<10	2.67	1680	3	1.75
D	YDRC01	34.0	36.0	<0.5	52	53	177	10.05	20	0.4	<10	2.84	1720	6	1.8
D	YDRC01	36.0	38.0	<0.5	49	55	141	9.76	20	0.35	<10	2.6	1690	62	1.87
D	YDRC01	38.0	40.0	<0.5	47	59	89	9.68	20	0.31	<10	2.51	1615	5	1.86
D	YDRC01	40.0	42.0	<0.5	45	54	85	9.86	20	0.3	<10	2.57	1690	3	1.8
D	YDRC01	42.0	44.0	<0.5	46	55	85	9.81	20	0.33	<10	2.9	1600	3	1.8
D	YDRC01	44.0	46.0	<0.5	37	48	102	8.65	30	0.32	<10	2.12	1450	2	1.6
D	YDRC01	46.0	48.0	<0.5	45	53	91	9.52	20	0.44	<10	2.49	1605	2	1.9
D	YDRC01	48.0	50.0	<0.5	44	53	83	9.29	20	0.3	<10	2.39	1585	14	1.78
D	YDRC01	50.0	52.0	<0.5	44	52	82	9.48	20	0.34	<10	2.46	1560	18	1.69
D	YDRC01	52.0	54.0	<0.5	44	52	103	9.39	20	0.32	<10	2.43	1600	15	1.7
D	YDRC01	54.0	56.0	<0.5	43	51	82	9.44	20	0.33	<10	2.69	1610	8	1.86
D	YDRC01	56.0	58.0	<0.5	45	53	103	9.85	20	0.36	<10	2.6	1640	24	1.85
D	YDRC01	58.0	60.0	<0.5	43	50	107	9.25	20	0.41	<10	2.55	1580	7	1.87
D	YDRC01	58.0	60.0	<0.5	42	49	101	8.81	20	0.43	<10	2.45	1495	6	1.96
D	YDRC01	60.0	62.0	<0.5	39	78	75	8.44	20	0.58	10	3.01	1425	1	1.95

H1000	hole No.	FROM	TO	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
				Ni	*P*	*Pb*	*S*	*Sb*	*Sc*	*Sr*	*Th*	*Ti*	*Tl*	*U*	*V*
				ppm	*ppm*	*ppm*	*%*	*ppm*	*ppm*	*ppm*	*ppm*	*%*	*ppm*	*ppm*	*ppm*
D	YDRC01	0.0	2.0	4	40	7	0.01	<5	1	19	<20	0.06	<10	<10	9
D	YDRC01	2.0	4.0	8	40	5	0.02	<5	3	50	<20	0.1	<10	<10	24
D	YDRC01	4.0	6.0	27	70	7	0.07	<5	11	61	<20	0.4	<10	<10	254
D	YDRC01	6.0	8.0	40	60	8	0.18	5	28	32	<20	1.12	<10	<10	380
D	YDRC01	8.0	10.0	49	350	9	0.09	9	54	110	<20	0.7	<10	<10	422
D	YDRC01	10.0	12.0	139	330	6	0.02	8	42	158	<20	0.67	<10	<10	287
D	YDRC01	12.0	14.0	162	420	5	0.02	<5	40	104	<20	0.73	<10	<10	302
D	YDRC01	14.0	16.0	156	470	6	0.07	<5	43	118	<20	0.82	<10	<10	328
D	YDRC01	16.0	18.0	121	510	3	0.13	<5	39	126	<20	0.84	<10	<10	326
D	YDRC01	18.0	20.0	116	510	2	0.12	<5	40	126	<20	0.86	<10	<10	325
D	YDRC01	20.0	22.0	130	470	3	0.07	<5	40	133	<20	0.81	<10	<10	320
D	YDRC01	22.0	24.0	121	470	5	0.12	<5	39	129	<20	0.82	<10	<10	314
D	YDRC01	24.0	26.0	26	270	33	0.16	<5	17	90	<20	0.38	<10	<10	136
D	YDRC01	26.0	28.0	19	200	43	0.05	<5	13	63	<20	0.28	<10	<10	91
D	YDRC01	28.0	30.0	56	640	6	0.13	<5	38	201	<20	0.95	<10	<10	329
D	YDRC01	28.0	30.0	55	650	5	0.13	8	39	201	<20	0.95	<10	<10	332
D	YDRC01	30.0	32.0	58	670	5	0.15	5	40	214	<20	0.97	<10	<10	348
D	YDRC01	32.0	34.0	58	680	<2	0.24	11	40	192	<20	0.98	<10	<10	340
D	YDRC01	34.0	36.0	60	630	3	0.22	10	37	198	<20	0.94	<10	<10	329
D	YDRC01	36.0	38.0	58	630	5	0.3	8	39	195	<20	0.95	<10	<10	333
D	YDRC01	38.0	40.0	58	630	4	0.19	<5	39	200	<20	0.97	<10	<10	337
D	YDRC01	40.0	42.0	54	610	3	0.16	<5	39	203	<20	0.93	<10	<10	328
D	YDRC01	42.0	44.0	58	600	14	0.18	10	37	203	<20	0.91	<10	<10	318
D	YDRC01	44.0	46.0	50	630	4	0.2	5	34	265	<20	0.84	<10	<10	291
D	YDRC01	46.0	48.0	54	610	8	0.19	5	38	196	<20	0.95	<10	<10	323
D	YDRC01	48.0	50.0	53	620	4	0.15	<5	37	187	<20	0.92	<10	<10	315
D	YDRC01	50.0	52.0	53	570	4	0.18	8	38	197	<20	0.91	<10	<10	323
D	YDRC01	52.0	54.0	54	580	3	0.26	6	38	199	<20	0.92	<10	<10	318
D	YDRC01	54.0	56.0	50	600	5	0.16	8	37	187	<20	0.89	<10	<10	309
D	YDRC01	56.0	58.0	54	670	5	0.21	7	39	191	<20	0.95	<10	<10	332
D	YDRC01	58.0	60.0	52	610	5	0.24	7	36	188	<20	0.89	<10	<10	309
D	YDRC01	58.0	60.0	49	580	6	0.23	5	34	180	<20	0.85	<10	<10	289
D	YDRC01	60.0	62.0	51	650	5	0.16	6	33	200	<20	0.87	10	<10	275

H1000	hole No.	FROM	TO	ME-ICP61	ME-ICP61
				W	Zn
				ppm	ppm
D	YDRC01	0.0	2.0	<10	11
D	YDRC01	2.0	4.0	<10	13
D	YDRC01	4.0	6.0	<10	20
D	YDRC01	6.0	8.0	<10	29
D	YDRC01	8.0	10.0	<10	37
D	YDRC01	10.0	12.0	<10	106
D	YDRC01	12.0	14.0	<10	109
D	YDRC01	14.0	16.0	<10	109
D	YDRC01	16.0	18.0	<10	113
D	YDRC01	18.0	20.0	10	115
D	YDRC01	20.0	22.0	<10	121
D	YDRC01	22.0	24.0	<10	116
D	YDRC01	24.0	26.0	<10	61
D	YDRC01	26.0	28.0	<10	42
D	YDRC01	28.0	30.0	<10	134
D	YDRC01	28.0	30.0	<10	135
D	YDRC01	30.0	32.0	<10	142
D	YDRC01	32.0	34.0	<10	137
D	YDRC01	34.0	36.0	<10	141
D	YDRC01	36.0	38.0	<10	137
D	YDRC01	38.0	40.0	<10	135
D	YDRC01	40.0	42.0	<10	135
D	YDRC01	42.0	44.0	<10	140
D	YDRC01	44.0	46.0	<10	106
D	YDRC01	46.0	48.0	<10	132
D	YDRC01	48.0	50.0	<10	131
D	YDRC01	50.0	52.0	<10	131
D	YDRC01	52.0	54.0	<10	130
D	YDRC01	54.0	56.0	<10	127
D	YDRC01	56.0	58.0	<10	136
D	YDRC01	58.0	60.0	<10	125
D	YDRC01	58.0	60.0	<10	120
D	YDRC01	60.0	62.0	<10	108

H1000	hole No.	FROM	TO	LENGTH	SAMPLE	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
					NUMBER	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca
						ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
D	YDRC01	62.0	64.0	2.0	47034	<0.001	<0.005	<0.001	<0.5	7.19	<5	90	2.3	<2	6.16
D	YDRC01	64.0	66.0	2.0	47035	<0.001	<0.005	<0.001	<0.5	7.13	<5	90	2.5	<2	6.59
D	YDRC01	66.0	68.0	2.0	47036	<0.001	<0.005	<0.001	<0.5	7.30	<5	80	2.2	<2	6.74
D	YDRC01	68.0	70.0	2.0	47037	<0.001	<0.005	0.001	<0.5	7.05	5	50	2.5	<2	6.96
D	YDRC01	70.0	72.0	2.0	47038	<0.001	<0.005	<0.001	<0.5	7.11	<5	50	4.1	3	6.97
D	YDRC01	72.0	74.0	2.0	47039	<0.001	<0.005	<0.001	<0.5	7.39	<5	60	1	<2	7.24
D	YDRC01	74.0	76.0	2.0	47040	<0.001	<0.005	0.001	<0.5	7.33	<5	60	1.4	<2	7.17
D	YDRC01	76.0	78.0	2.0	47041	<0.001	<0.005	<0.001	<0.5	6.96	<5	60	3.6	2	7.27
D	YDRC01	78.0	80.0	2.0	47042	<0.001	<0.005	<0.001	<0.5	7.20	<5	60	2.3	<2	6.72
D	YDRC01	0	2	2	47043	0.001	<0.005	<0.001	<0.5	0.84	9	160	<0.5	<2	17.3
D	YDRC01	2	4	2	47044	0.003	<0.005	0.001	<0.5	3.25	23	460	0.6	<2	12.4
D	YDRC01	4	6	2	47045	<0.001	<0.005	0.003	<0.5	5.83	175	460	0.5	<2	0.6
D	YDRC01	6	8	2	47046	<0.001	<0.005	0.002	<0.5	4.36	448	310	<0.5	<2	0.38
D	YDRC01	8	10	2	47047	<0.001	<0.005	<0.001	<0.5	8.4	261	110	0.5	<2	0.48
D	YDRC01	10	12	2	47048	<0.001	<0.005	0.001	<0.5	7.21	189	150	1.4	<2	2.29
D	YDRC01	12	14	2	47049	0.014	<0.005	<0.001	<0.5	6.89	280	110	0.7	<2	4.79
D	YDRC01	14	16	2	47050	<0.001	<0.005	0.001	<0.5	6.98	394	110	0.7	2	5.03
D	YDRC01	16	18	2	47051	0.006	<0.005	0.001	<0.5	7.01	685	60	0.9	<2	4.35
D	YDRC01	18	20	2	47052	0.003	<0.005	0.001	<0.5	7.21	639	70	0.7	<2	3.48
D	YDRC01	20	22	2	47053	0.001	<0.005	<0.001	<0.5	6.98	80	60	<0.5	<2	6.58
D	YDRC01	22	24	2	47054	<0.001	<0.005	<0.001	<0.5	6.81	40	50	<0.5	<2	6.54
D	YDRC02	24	26	2	47055	0.002	<0.005	<0.001	<0.5	6.69	35	40	<0.5	<2	6.12
D	YDRC02	26	28	2	47056	<0.001	<0.005	0.002	<0.5	7.07	20	150	0.6	<2	6.34
D	YDRC02	28	30	2	47057	0.002	<0.005	<0.001	<0.5	6.39	24	30	<0.5	<2	6.17
D	YDRC02	30	32	2	47058	0.002	<0.005	0.001	<0.5	6.87	59	20	<0.5	<2	7.18
D	YDRC02	30	32	DUPLIC	47059	<0.001	<0.005	0.001	<0.5	6.83	10	20	<0.5	5	7.12
D	YDRC02	32	34	2	47060	<0.001	<0.005	<0.001	<0.5	7.15	18	30	<0.5	2	8.08
D	YDRC02	34	36	2	47061	<0.001	<0.005	<0.001	<0.5	6.72	25	30	<0.5	<2	6.6
D	YDRC02	36	38	2	47062	<0.001	0.005	0.001	<0.5	6.65	68	40	<0.5	<2	6.79
D	YDRC02	38	40	2	47063	<0.001	<0.005	<0.001	<0.5	6.63	35	40	<0.5	3	6.77
D	YDRC02	40	42	2	47064	<0.001	<0.005	<0.001	<0.5	7.43	25	210	0.6	<2	5.09
D	YDRC02	42	44	2	47065	<0.001	<0.005	0.002	<0.5	7.83	32	150	0.7	<2	5.69
D	YDRC02	44	46	2	47066	<0.001	<0.005	0.001	<0.5	7.33	166	290	1	<2	2.51

H1000	hole No.	FROM	TO	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
				Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na
				ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%
D	YDRC01	62.0	64.0	<0.5	39	77	72	8.12	20	0.74	<10	2.62	1600	10	1.84
D	YDRC01	64.0	66.0	<0.5	39	77	63	8.12	20	0.54	10	2.69	1450	27	1.85
D	YDRC01	66.0	68.0	<0.5	41	67	80	9.41	20	0.49	<10	3.13	1685	6	1.89
D	YDRC01	68.0	70.0	<0.5	42	51	75	9.84	20	0.39	<10	2.63	1680	10	1.62
D	YDRC01	70.0	72.0	<0.5	47	51	166	10.5	20	0.34	<10	2.75	1960	24	1.6
D	YDRC01	72.0	74.0	<0.5	48	54	120	10.2	20	0.31	<10	2.66	1830	24	1.68
D	YDRC01	74.0	76.0	<0.5	46	50	115	9.81	20	0.31	<10	2.51	1775	22	1.53
D	YDRC01	76.0	78.0	<0.5	41	51	120	9.94	20	0.38	<10	2.55	1730	5	1.57
D	YDRC01	78.0	80.0	<0.5	42	49	102	9.43	20	0.40	<10	2.33	1685	3	1.71
D	YDRC01	0	2	<0.5	3	8	15	0.65	<10	0.14	<10	0.94	86	<1	0.11
D	YDRC01	2	4	<0.5	6	49	26	4.02	10	0.45	10	1.42	128	1	0.28
D	YDRC01	4	6	<0.5	17	108	45	10.25	20	0.58	<10	0.53	426	4	0.92
D	YDRC01	6	8	<0.5	14	105	57	11.75	30	0.46	<10	0.65	522	2	1.3
D	YDRC01	8	10	<0.5	19	89	72	9.39	20	0.34	<10	0.68	422	1	1.31
D	YDRC01	10	12	<0.5	100	87	61	8.77	20	0.66	20	2.03	1090	1	1.91
D	YDRC01	12	14	<0.5	51	92	58	10.55	20	0.38	10	3.26	1575	<1	1.67
D	YDRC01	14	16	0.5	38	95	60	10.55	20	0.42	10	3.33	1725	1	1.7
D	YDRC01	16	18	<0.5	45	92	153	10.95	20	0.35	10	3.1	1510	1	2.1
D	YDRC01	18	20	<0.5	34	63	111	7.36	20	0.22	10	2.44	1100	1	2.6
D	YDRC01	20	22	<0.5	49	58	188	10.45	20	0.31	<10	3.08	1920	<1	1.85
D	YDRC01	22	24	2.2	50	59	191	10.4	20	0.26	<10	3.07	1785	3	1.83
D	YDRC02	24	26	<0.5	50	52	157	10.5	20	0.23	<10	3.3	1735	<1	1.96
D	YDRC02	26	28	<0.5	38	137	157	8.11	20	0.3	10	3.55	1435	1	2.13
D	YDRC02	28	30	<0.5	49	55	247	10.15	20	0.17	<10	3	1720	1	1.59
D	YDRC02	30	32	<0.5	56	53	199	10.25	20	0.15	<10	3.02	1815	<1	1.64
D	YDRC02	30	32	<0.5	50	54	198	10.1	20	0.14	<10	2.98	1795	<1	1.6
D	YDRC02	32	34	<0.5	48	55	178	10.2	20	0.17	<10	3.07	2010	1	1.56
D	YDRC02	34	36	<0.5	50	56	139	10.2	20	0.16	<10	2.98	1900	1	1.62
D	YDRC02	36	38	<0.5	47	57	176	9.93	20	0.17	<10	2.99	1750	1	1.48
D	YDRC02	38	40	<0.5	43	50	86	9.74	20	0.21	<10	3.01	1560	3	1.23
D	YDRC02	40	42	<0.5	35	57	129	8.35	20	0.39	10	2.61	1325	1	2.06
D	YDRC02	42	44	<0.5	26	68	78	6.05	20	0.4	10	1.85	1150	1	1.78
D	YDRC02	44	46	<0.5	13	53	54	3.25	20	0.75	10	1.1	512	2	3.27

H1000	hole No.	FROM	TO	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
				Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V
				ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
D	YDRC01	62.0	64.0	53	600	11	0.1	5	35	180	<20	0.88	<10	<10	282
D	YDRC01	64.0	66.0	54	580	11	0.14	6	33	203	<20	0.87	<10	<10	281
D	YDRC01	66.0	68.0	59	660	5	0.21	10	37	196	<20	0.95	<10	<10	309
D	YDRC01	68.0	70.0	56	640	7	0.21	6	38	166	<20	0.92	<10	<10	313
D	YDRC01	70.0	72.0	58	640	3	0.55	6	37	158	<20	0.91	<10	<10	320
D	YDRC01	72.0	74.0	59	650	4	0.33	8	39	180	<20	0.96	<10	<10	334
D	YDRC01	74.0	76.0	58	620	5	0.33	5	38	177	<20	0.94	<10	<10	326
D	YDRC01	76.0	78.0	50	630	6	0.33	<5	38	192	<20	0.91	<10	<10	317
D	YDRC01	78.0	80.0	50	610	9	0.46	11	36	153	<20	0.89	<10	<10	302
D	YDRC01	0	2	10	90	<2	0.08	<5	2	511	<20	0.07	<10	20	18
D	YDRC01	2	4	18	100	11	0.07	<5	8	431	20	0.2	<10	<10	128
D	YDRC01	4	6	27	120	15	0.04	5	18	118	<20	0.95	<10	<10	408
D	YDRC01	6	8	24	120	6	0.03	8	26	100	<20	1.41	<10	<10	415
D	YDRC01	8	10	53	300	4	0.01	<5	31	120	<20	0.99	<10	<10	292
D	YDRC01	10	12	136	840	5	<0.01	8	33	163	<20	1.08	<10	<10	290
D	YDRC01	12	14	81	1150	3	0.01	12	35	141	<20	1.27	10	<10	358
D	YDRC01	14	16	79	1140	5	0.01	7	35	140	<20	1.25	10	<10	339
D	YDRC01	16	18	83	1160	9	0.01	11	35	152	<20	1.24	10	<10	339
D	YDRC01	18	20	47	710	7	0.13	8	25	183	<20	0.66	10	<10	198
D	YDRC01	20	22	55	320	3	0.19	<5	47	164	<20	0.48	<10	<10	295
D	YDRC01	22	24	57	290	6	0.29	10	47	166	<20	0.47	<10	<10	291
D	YDRC02	24	26	53	310	6	0.17	8	46	110	<20	0.48	<10	<10	295
D	YDRC02	26	28	50	770	6	0.12	6	36	389	<20	0.46	<10	<10	230
D	YDRC02	28	30	56	270	4	0.28	7	45	131	<20	0.45	<10	<10	277
D	YDRC02	30	32	60	310	6	0.21	6	48	134	<20	0.5	<10	<10	302
D	YDRC02	30	32	55	300	4	0.2	<5	48	133	<20	0.48	<10	<10	297
D	YDRC02	32	34	56	300	6	0.19	<5	47	130	<20	0.49	<10	<10	294
D	YDRC02	34	36	56	280	4	0.15	6	46	121	<20	0.46	<10	<10	289
D	YDRC02	36	38	54	280	3	0.21	<5	45	124	<20	0.45	<10	<10	282
D	YDRC02	38	40	48	310	3	0.08	7	45	132	<20	0.47	<10	<10	278
D	YDRC02	40	42	48	320	6	0.18	5	31	188	<20	0.41	<10	<10	196
D	YDRC02	42	44	51	470	9	0.19	6	23	151	<20	0.37	<10	<10	154
D	YDRC02	44	46	40	490	10	0.21	9	10	138	<20	0.27	<10	<10	77

H1000	hole No.	FROM	TO	ME-ICP61	ME-ICP61
				W	Zn
				ppm	ppm
D	YDRC01	62.0	64.0	<10	117
D	YDRC01	64.0	66.0	<10	114
D	YDRC01	66.0	68.0	<10	135
D	YDRC01	68.0	70.0	<10	131
D	YDRC01	70.0	72.0	<10	136
D	YDRC01	72.0	74.0	<10	135
D	YDRC01	74.0	76.0	<10	130
D	YDRC01	76.0	78.0	<10	129
D	YDRC01	78.0	80.0	10	123
D	YDRC01	0	2	<10	8
D	YDRC01	2	4	<10	17
D	YDRC01	4	6	10	31
D	YDRC01	6	8	<10	45
D	YDRC01	8	10	<10	48
D	YDRC01	10	12	<10	131
D	YDRC01	12	14	<10	149
D	YDRC01	14	16	<10	152
D	YDRC01	16	18	<10	145
D	YDRC01	18	20	<10	129
D	YDRC01	20	22	<10	147
D	YDRC01	22	24	10	139
D	YDRC02	24	26	<10	139
D	YDRC02	26	28	<10	113
D	YDRC02	28	30	<10	123
D	YDRC02	30	32	<10	128
D	YDRC02	30	32	<10	127
D	YDRC02	32	34	<10	137
D	YDRC02	34	36	<10	140
D	YDRC02	36	38	<10	141
D	YDRC02	38	40	<10	130
D	YDRC02	40	42	<10	137
D	YDRC02	42	44	<10	108
D	YDRC02	44	46	<10	81

H1000	hole No.	FROM	TO	LENGTH	SAMPLE	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
					NUMBER	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca
						ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
D	YDRC02	46	48	2	47067	0.001	0.008	0.005	<0.5	7.52	36	150	0.5	<2	4.71
D	YDRC02	48	50	2	47068	<0.001	0.006	0.007	<0.5	6.81	21	40	<0.5	<2	5.92
D	YDRC02	50	52	2	47069	0.002	<0.005	0.003	<0.5	7.33	189	160	0.8	<2	3.2
D	YDRC02	52	54	2	47070	0.009	0.008	0.007	<0.5	6.86	49	40	<0.5	<2	5.83
D	YDRC02	54	56	2	47071	0.012	0.005	0.008	<0.5	6.64	15	60	<0.5	<2	5.77
D	YDRC02	56	58	2	47072	0.002	0.007	0.009	<0.5	7.04	10	90	<0.5	<2	5.53
D	YDRC02	58	60	2	47073	0.027	<0.005	0.008	<0.5	6.65	9	100	<0.5	<2	5.5
D	YDRC02	60	62	2	47074	<0.001	0.006	0.002	<0.5	6.96	6	180	0.8	<2	3.22
D	YDRC02	60	62	DUPLIC	47075	<0.001	<0.005	0.002	<0.5	6.63	5	160	0.7	<2	3.23
D	YDRC02	62	64	2	47076	<0.001	0.005	0.004	<0.5	6.7	7	60	0.5	<2	3.94
D	YDRC02	64	66	2	47077	<0.001	0.006	0.007	<0.5	6.27	9	50	<0.5	<2	5.47
D	YDRC02	66	68	2	47078	<0.001	0.007	0.008	<0.5	6.21	10	110	<0.5	<2	5.53
D	YDRC02	68	70	2	47079	0.002	<0.005	0.004	<0.5	6.51	9	190	0.6	<2	3.84
D	YDRC02	70	72	2	47080	<0.001	<0.005	0.003	<0.5	6.63	5	150	0.8	<2	2.72
D	YDRC02	72	74	2	47081	<0.001	<0.005	0.005	<0.5	6.58	6	190	0.6	2	3.6
D	YDRC02	74	76	2	47082	<0.001	<0.005	0.007	<0.5	7.25	<5	60	<0.5	<2	5.63
D	YDRC02	76	78	2	47083	0.003	<0.005	0.008	<0.5	6.51	9	60	<0.5	<2	5.57
D	YDRC02	78	80	2	47084	0.002	<0.005	0.008	<0.5	7.24	7	50	<0.5	<2	5.57
D	YDRC02	80	82	2	47085	0.004	<0.005	0.007	<0.5	6.92	6	90	<0.5	<2	4.93
D	YDRC02	82	84	2	47086	0.005	<0.005	0.007	<0.5	6.8	5	80	<0.5	<2	5.27
D	YDRC02	84	86	2	47087	0.007	<0.005	0.007	<0.5	6.83	11	40	<0.5	2	5.56
D	YDRC02	86	88	2	47088	<0.001	<0.005	0.006	<0.5	6.53	16	90	<0.5	<2	5.89
D	YDRC02	88	90	2	47089	0.007	0.007	0.009	<0.5	6.75	15	50	<0.5	<2	5.99
D	YDRC02	90	92	2	47090	0.003	<0.005	0.008	<0.5	6.93	9	40	<0.5	<2	5.94
D	YDRC02	92	94	2	47091	0.008	0.009	0.017	<0.5	6.46	13	50	<0.5	<2	6.11
D	YDRC02	92	94	DUPLIC	47092	0.002	<0.005	0.009	<0.5	6.67	11	40	<0.5	<2	5.86
D	YDRC02	94	96	2	47093	0.003	0.005	0.01	<0.5	6.63	16	30	<0.5	<2	6.1
D	YDRC02	96	98	2	47094	0.004	0.005	0.008	<0.5	6.86	9	30	<0.5	<2	6.13
D	YDRC02	98	100	2	47095	<0.001	<0.005	0.009	<0.5	6.73	10	40	<0.5	<2	5.97
D	YDRC02	100	102	2	47096	<0.001	<0.005	0.01	<0.5	6.83	11	50	<0.5	<2	6.1
D	YDRC02	102	104	2	47097	<0.001	<0.005	0.008	<0.5	7.01	11	40	<0.5	<2	6.26
D	YDRC02	104	106	2	47098	<0.001	<0.005	0.009	<0.5	7.02	12	50	<0.5	3	6.09
D	YDRC02	106	108	2	47099	<0.001	<0.005	0.007	<0.5	6.74	13	70	<0.5	2	6.07

H1000	hole No.	FROM	TO	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
				Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na
				ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%
D	YDRC02	46	48	<0.5	35	61	76	7.68	20	0.44	10	2.95	1130	2	2.43
D	YDRC02	48	50	<0.5	40	93	132	8.59	20	0.23	<10	3.54	1285	1	1.31
D	YDRC02	50	52	<0.5	25	208	56	5.07	20	0.34	10	2.77	731	2	3.11
D	YDRC02	52	54	<0.5	46	57	83	9.67	20	0.22	<10	3.66	1410	1	1.57
D	YDRC02	54	56	<0.5	46	65	75	9.62	20	0.24	<10	3.57	1505	1	1.7
D	YDRC02	56	58	<0.5	48	66	109	10.1	20	0.32	<10	3.68	1620	2	1.88
D	YDRC02	58	60	<0.5	44	60	97	9.62	20	0.36	<10	3.37	1555	<1	1.83
D	YDRC02	60	62	<0.5	23	50	71	5.55	20	0.57	10	1.93	767	2	2.7
D	YDRC02	60	62	<0.5	25	50	71	5.59	20	0.52	10	1.93	767	3	2.62
D	YDRC02	62	64	<0.5	28	47	125	6.81	20	0.19	10	2.43	911	2	2.39
D	YDRC02	64	66	<0.5	44	60	148	9.4	20	0.27	<10	3.16	1375	1	1.83
D	YDRC02	66	68	<0.5	43	96	62	8.98	20	0.42	<10	3.46	1475	2	1.92
D	YDRC02	68	70	<0.5	32	99	176	6.83	20	0.42	10	2.32	983	9	2.4
D	YDRC02	70	72	<0.5	24	269	43	4.76	10	0.29	10	3.09	684	2	3.27
D	YDRC02	72	74	<0.5	37	53	90	6.89	20	0.35	10	2.66	907	1	2.5
D	YDRC02	74	76	<0.5	44	58	68	9.72	20	0.35	<10	3.57	1385	1	1.87
D	YDRC02	76	78	<0.5	45	59	125	9.46	20	0.36	<10	3.32	1515	1	1.74
D	YDRC02	78	80	<0.5	48	60	198	9.96	20	0.29	<10	3.52	1495	1	2.04
D	YDRC02	80	82	<0.5	45	57	119	10	20	0.37	<10	3.53	1535	1	2.11
D	YDRC02	82	84	<0.5	48	57	187	9.97	20	0.36	<10	3.37	1550	1	2.16
D	YDRC02	84	86	<0.5	46	56	137	10.25	20	0.25	<10	3.47	1440	1	1.92
D	YDRC02	86	88	<0.5	45	50	122	10.35	20	0.32	<10	2.99	1630	1	1.5
D	YDRC02	88	90	<0.5	48	98	150	10.3	20	0.24	<10	3.41	1655	6	1.6
D	YDRC02	90	92	<0.5	51	67	183	10.2	20	0.22	<10	3.45	1585	1	1.8
D	YDRC02	92	94	<0.5	47	64	139	9.62	20	0.2	<10	3.34	1460	<1	1.45
D	YDRC02	92	94	<0.5	47	68	132	10.05	20	0.23	<10	3.51	1535	<1	1.66
D	YDRC02	94	96	<0.5	51	70	134	10.1	20	0.18	<10	3.46	1535	2	1.47
D	YDRC02	96	98	<0.5	49	65	146	10.3	20	0.19	<10	3.51	1540	1	1.48
D	YDRC02	98	100	<0.5	48	65	147	10.1	20	0.22	<10	3.4	1620	1	1.54
D	YDRC02	100	102	<0.5	46	64	139	10.2	20	0.22	<10	3.43	1600	1	1.6
D	YDRC02	102	104	<0.5	49	65	150	10.45	20	0.23	<10	3.56	1645	1	1.66
D	YDRC02	104	106	<0.5	49	65	174	10.65	20	0.22	<10	3.6	1645	1	1.76
D	YDRC02	106	108	<0.5	48	61	127	10.25	20	0.22	<10	3.45	1590	1	1.51

H1000	hole No.	FROM	TO	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
				Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V
				ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
D	YDRC02	46	48	52	420	8	0.15	7	34	134	<20	0.42	<10	<10	209
D	YDRC02	48	50	63	340	12	0.17	6	39	88	<20	0.44	<10	<10	246
D	YDRC02	50	52	100	540	7	0.24	<5	19	164	<20	0.33	<10	<10	129
D	YDRC02	52	54	53	270	4	0.07	5	45	107	<20	0.47	<10	<10	298
D	YDRC02	54	56	56	300	4	0.05	7	37	109	<20	0.47	<10	<10	295
D	YDRC02	56	58	62	280	3	0.09	7	46	101	<20	0.48	<10	<10	303
D	YDRC02	58	60	54	280	5	0.08	<5	42	101	<20	0.46	<10	<10	288
D	YDRC02	60	62	37	440	11	0.15	<5	20	156	<20	0.35	<10	<10	132
D	YDRC02	60	62	45	430	12	0.14	6	20	146	<20	0.35	<10	<10	135
D	YDRC02	62	64	39	320	7	0.13	6	27	122	<20	0.37	<10	<10	174
D	YDRC02	64	66	51	260	5	0.15	8	28	137	<20	0.45	<10	<10	282
D	YDRC02	66	68	72	310	10	0.11	5	31	169	<20	0.45	<10	<10	276
D	YDRC02	68	70	73	410	10	0.27	<5	26	177	<20	0.38	<10	<10	182
D	YDRC02	70	72	117	510	16	0.1	<5	14	254	<20	0.3	<10	<10	101
D	YDRC02	72	74	47	350	13	0.19	6	29	144	<20	0.41	<10	<10	205
D	YDRC02	74	76	53	300	<2	0.06	6	46	132	<20	0.48	<10	<10	296
D	YDRC02	76	78	53	270	4	0.07	7	35	128	<20	0.46	<10	<10	279
D	YDRC02	78	80	60	270	3	0.15	<5	45	93	<20	0.48	<10	<10	296
D	YDRC02	80	82	53	290	6	0.07	<5	46	97	<20	0.48	<10	<10	289
D	YDRC02	82	84	51	300	11	0.12	<5	43	119	<20	0.48	<10	<10	287
D	YDRC02	84	86	52	310	4	0.06	9	44	109	<20	0.49	<10	<10	293
D	YDRC02	86	88	46	320	6	0.16	7	44	109	<20	0.5	<10	<10	294
D	YDRC02	88	90	88	290	4	0.06	8	45	125	<20	0.46	<10	<10	293
D	YDRC02	90	92	63	280	<2	0.11	<5	45	115	<20	0.47	<10	<10	300
D	YDRC02	92	94	62	260	6	0.08	<5	42	92	<20	0.44	<10	<10	276
D	YDRC02	92	94	64	270	5	0.06	<5	44	113	<20	0.45	<10	<10	283
D	YDRC02	94	96	68	270	<2	0.08	5	42	93	<20	0.45	<10	<10	285
D	YDRC02	96	98	60	280	3	0.09	8	45	100	<20	0.46	<10	<10	288
D	YDRC02	98	100	60	270	<2	0.11	<5	43	107	<20	0.45	<10	<10	286
D	YDRC02	100	102	58	270	8	0.12	5	43	102	<20	0.46	<10	<10	290
D	YDRC02	102	104	58	290	5	0.11	5	46	91	<20	0.47	<10	<10	296
D	YDRC02	104	106	61	300	9	0.11	7	47	111	<20	0.49	<10	<10	300
D	YDRC02	106	108	57	290	12	0.08	7	45	97	<20	0.47	<10	<10	288

H1000	hole No.	FROM	TO	ME-ICP61	ME-ICP61
				W	Zn
				ppm	ppm
D	YDRC02	46	48	<10	96
D	YDRC02	48	50	<10	111
D	YDRC02	50	52	<10	117
D	YDRC02	52	54	<10	100
D	YDRC02	54	56	10	99
D	YDRC02	56	58	<10	93
D	YDRC02	58	60	<10	98
D	YDRC02	60	62	<10	76
D	YDRC02	60	62	<10	74
D	YDRC02	62	64	<10	61
D	YDRC02	64	66	<10	92
D	YDRC02	66	68	<10	107
D	YDRC02	68	70	<10	75
D	YDRC02	70	72	<10	67
D	YDRC02	72	74	<10	86
D	YDRC02	74	76	<10	89
D	YDRC02	76	78	<10	93
D	YDRC02	78	80	<10	103
D	YDRC02	80	82	<10	104
D	YDRC02	82	84	<10	107
D	YDRC02	84	86	<10	116
D	YDRC02	86	88	<10	121
D	YDRC02	88	90	<10	126
D	YDRC02	90	92	<10	124
D	YDRC02	92	94	<10	116
D	YDRC02	92	94	<10	122
D	YDRC02	94	96	<10	130
D	YDRC02	96	98	<10	125
D	YDRC02	98	100	<10	125
D	YDRC02	100	102	<10	121
D	YDRC02	102	104	<10	125
D	YDRC02	104	106	<10	126
D	YDRC02	106	108	<10	123

H1000	hole No.	FROM	TO	LENGTH	SAMPLE	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
					NUMBER	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca
						ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
D	YDRC02	108	110	2	47100	<0.001	<0.005	0.009	<0.5	6.81	36	90	<0.5	<2	6.08
D	YDRC02	110	112	2	47101	<0.001	<0.005	0.001	<0.5	7.36	14	60	0.9	2	1.86
D	YDRC02	112	114	2	47102	0.001	<0.005	0.001	<0.5	7.5	10	60	1	<2	1.6
D	YDRC02	114	116	2	47103	<0.001	<0.005	0.002	<0.5	7.21	9	90	0.8	<2	2.18
D	YDRC02	116	118	2	47104	<0.001	<0.005	0.008	<0.5	6.99	7	70	<0.5	<2	5.13
D	YDRC02	118	120	2	47105	<0.001	<0.005	0.007	<0.5	7.07	13	70	<0.5	<2	5.71
D	YDRC02	120	122	2	47106	0.003	<0.005	0.007	<0.5	7.04	8	60	<0.5	<2	5.11
D	YDRC02	122	124	2	47107	<0.001	<0.005	0.009	<0.5	7.21	8	120	<0.5	<2	5.36
D	YDRC02	124	126	2	47108	<0.001	<0.005	0.009	<0.5	7.34	10	270	<0.5	<2	5.18
D	YDRC02	126	127	1	47109	0.003	<0.005	0.008	<0.5	7.23	9	40	<0.5	<2	5.91

H1000	hole No.	FROM	TO	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
				Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na
				ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%
D	YDRC02	108	110	<0.5	45	66	121	10.25	20	0.25	<10	3.45	1550	1	1.56
D	YDRC02	110	112	<0.5	17	50	59	4.53	10	0.1	20	1.54	608	3	4.09
D	YDRC02	112	114	<0.5	13	40	52	4.1	20	0.09	20	1.31	571	4	4.18
D	YDRC02	114	116	<0.5	16	50	47	4.43	10	0.16	10	1.46	651	3	3.7
D	YDRC02	116	118	<0.5	43	70	111	9.55	20	0.23	<10	3.41	1475	2	2.21
D	YDRC02	118	120	<0.5	43	60	185	10.1	20	0.26	<10	3.44	1535	1	2.01
D	YDRC02	120	122	<0.5	42	54	115	9.15	20	0.25	<10	3.74	1390	1	1.98
D	YDRC02	122	124	<0.5	48	60	117	9.93	20	0.42	<10	3.83	1560	1	1.79
D	YDRC02	124	126	<0.5	48	63	142	9.85	10	0.45	<10	3.84	1490	2	2
D	YDRC02	126	127	<0.5	48	59	131	9.94	20	0.28	<10	3.71	1560	1	1.85

H1000	hole No.	FROM	TO	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
				Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V
				ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
D	YDRC02	108	110	59	290	22	0.11	7	43	127	<20	0.46	<10	<10	291
D	YDRC02	110	112	32	630	27	0.15	<5	15	93	<20	0.36	<10	<10	91
D	YDRC02	112	114	29	550	29	0.14	9	13	92	<20	0.35	<10	<10	68
D	YDRC02	114	116	29	480	17	0.09	<5	14	99	<20	0.32	<10	<10	93
D	YDRC02	116	118	56	340	15	0.16	6	40	109	<20	0.48	<10	<10	275
D	YDRC02	118	120	54	280	8	0.26	8	43	127	<20	0.47	<10	<10	290
D	YDRC02	120	122	51	290	11	0.09	5	43	96	<20	0.5	<10	<10	285
D	YDRC02	122	124	58	290	10	0.07	<5	46	98	<20	0.52	<10	<10	319
D	YDRC02	124	126	59	290	14	0.09	<5	46	115	<20	0.51	<10	<10	307
D	YDRC02	126	127	57	300	3	0.03	<5	45	138	<20	0.5	<10	<10	308

H1000	hole No.	FROM	TO	*ME-ICP61*	*ME-ICP61*
				W	*Zn*
				ppm	*ppm*
D	YDRC02	108	110	<10	141
D	YDRC02	110	112	<10	65
D	YDRC02	112	114	<10	81
D	YDRC02	114	116	<10	77
D	YDRC02	116	118	<10	149
D	YDRC02	118	120	<10	136
D	YDRC02	120	122	<10	101
D	YDRC02	122	124	<10	113
D	YDRC02	124	126	<10	94
D	YDRC02	126	127	<10	93

Pontifex & Associates Pty Ltd

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MINERALOGICAL REPORT No. 9445

by Alan C. Purvis, PhD.

November 18th, 2008

TO :	Mr Dean Lovett Mithril Resources Ltd 60 King William Road GOODWOOD SA 5034
YOUR REFERENCE :	Samples received 30/10/08 with your covering letter.
MATERIAL & IDENTIFICATION :	Eight drill chip samples, Mithril's Talia Hill EL3817
WORK REQUESTED :	Section preparation, description and report.
SAMPLES & SECTIONS :	Returned to you with this report.
DIGITAL COPY :	Emailed 18/11/08 to: <admin@mithrilresources.com.au>

PONTIFEX & ASSOCIATES PTY. LTD.

SUMMARY COMMENTS

The eight drill-chips described in this report from normal thin sections are from two drillholes at Mithril's Talia Hill prospect about 60km southwest of Tarcoola. There are three samples from drillholeYDRC01 and five from YDRC02.

The petrology and previous studies by this author (Alan Purvis) indicates that these drillholes are probably located within part of the Neoarchaean Harris Greenstone Belt, ~2520Ma old, which is commonly combined with metasedimentary gneisses and granulites in the Mulgathing Complex mentioned in your covering letter, although the metasediments (Christie Gneiss) are separated tectonically from the Harris Greenstone Belt. These units are not Mesoproterozoic (1600-1000Ma), as questioned in your notes, (since the Gawler Range Volcanics and Hiltaba Suite Granites are 1590-1580Ma).

The three samples from YDRC01 include undeformed metamorphosed dolerite at 18-20m and granular amphibolite at 72-74m, probably derived from dolerite but passing into a zone containing epidote and pyrrhotite. Part of the thin section from 32-34m has residual hornblende, but most of this thin section is chlorite-albite-carbonate schist with minor prehnite, opaque oxide and rare pyrite, cut by fractures and veins with prehnite and calcite. These samples indicate amphibolite-facies metamorphism followed by various stages of retrogression.

The five samples from YDRC02 include three amphibolites as mentioned in your notes at 66m, 84m and 127m, with various proportions of hornblende, plagioclase, quartz, opaque oxide and apatite and are interpreted as metadolerite. More siliceous samples include:

1. 42-44m: Plagioclase-amphibole-epidote-quartz-titanite granofels with subparallel quartz-rich lenses or veins: possibly derived from andesite.
2. 110-112m: Probable metasandstone: quartz-plagioclase-cummingtonite schist with actinolite, biotite, chlorite, opaque oxide, apatite and zircon.

These samples are also of amphibolite facies. The metasandstone may contain a proximal igneous component and its contained zircons may be useful for dating.

INDIVIDUAL DESCRIPTIONS

SAMPLE YDRC01, 18-20m

ROCK NAME (from TS) Massive metadolerite with apparently fresh plagioclase as well as uralitic and recrystallised actinolite and hornblende, opaque oxide, partly altered biotite, quartz and rare apatite.

Field Note: *Dolerite/gabbro*

PETROGRAPHY:

A visual estimate of the modal mineral abundances:

Mineral	Abundance	Origin/location
Uralitic and recrystallised actinolite	55%	Derived from granular or subophitic pyroxene
Rims of darker green amphibole, possibly hornblende	2-3%	Reaction between actinolite and plagioclase
Plagioclase laths to 1.5mm long	40%	Primary igneous
Opaque oxide, possibly ilmenite	2-3%	Recrystallised
Biotite, partly clay-altered	<1%	Metamorphic
Quartz, fine-grained	<1%	Late magmatic
Apatite, fine-grained	Trace	Primary accessory

This sample represents metamorphosed but undeformed dolerite with apparently fresh plagioclase and abundant amphibole, mostly pale green actinolite rimmed by darker possible hornblende, with Al derived from plagioclase. Minor opaque oxide occurs as aggregates to 1.5mm long, possibly composed of recrystallised ilmenite, locally composite with fresh or clay-altered biotite. Minor interstitial quartz is disseminated, locally with very fine-grained granular to prismatic apatite.

SAMPLE YDRC01, 32-34m

ROCK NAME (from TS) Metadolerite with a zone containing prograde metamorphic hornblende and albite and a larger area with foliated Fe-chlorite accompanied by albite, carbonate, prehnite, oxide and titanite: cut by veins with prehnite and calcite.

Field Note: *Dolerite/gabbro*

PETROGRAPHY:

A visual estimate of the modal mineral abundances:

Mineral	Abundance	Origin/location
Green hornblende to 1.5mm long	5%	Residual prograde
Albite as grains to 0.8mm long	25-30%	Metamorphic
Opaque oxide	2-3%	Recrystallised
Titanite (sphene), partly rimming oxide	2-3%	Metamorphic
Foliated dark-green Fe-rich chlorite	55%	
Fine-grained carbonate with chlorite	5%	Retrograde alteration
Fine-grained and microcrystalline prehnite	2-3%	
Pyrite to 0.3mm in grainsize	<1%	Secondary
Prehnite and calcite		In veins and fractures

This sample has a zone with residual prograde metamorphic green hornblende at one end of the thin section, together with albite ± prehnite ± carbonate derived from plagioclase and sparse opaque oxide. The bulk of the thin section is rich in foliated dark green Fe-rich chlorite and granular albite, with carbonate mostly in chlorite-rich areas and prehnite mostly in albite. Fine granular opaque oxide is disseminated and commonly rimmed by titanite, but separate titanite grains are also disseminated. There is also very minor pyrite to 0.3mm in grainsize. Narrow fractures contain calcite and prehnite and there is a wider zoned vein at the opposite end of the thin section to the hornblende-bearing zone. This vein has a zone of prehnite and a zone of carbonate.

Interpretation

This sample seems to represent dolerite with an early high greenschist or low amphibolite-facies event followed by alteration to chlorite-albite-carbonate-prehnite schist representing low-grade metamorphism. Veins with prehnite and calcite also indicate low temperatures.

SAMPLE YDCR01, 72-74m

ROCK NAME (from TS) Granular amphibolite (metadolerite) with minor quartz, titanite and apatite and a zone with epidote-quartz-pyrrhotite alteration.

Field Note: *Dolerite/gabbro*

PETROGRAPHY:

A visual estimate of the modal mineral abundances:

Mineral	Abundance	Origin/location
Hornblende to 1mm grainsize	40%	Metamorphic
Plagioclase about 0.5mm in diameter	50%	Metamorphic
Titanite (sphene) ± opaque oxide	2-3%	Metamorphic
Quartz, fine-grained	5%	Metamorphic/magmatic
Apatite	Trace	Igneous accessory
Epidote	5%	Retrograde, localised
Pyrrhotite	<1%	With epidote, secondary
Sericite	<1%	In plagioclase, localised

This sample may represent the protolith from which the chlorite-rich zones in the previous sample were developed, with granular hornblende and plagioclase accompanied by titanite, locally rimming opaque oxide, partly late magmatic quartz and rare apatite. A zone in one corner has epidote as well as or instead of plagioclase, more abundant quartz compared to the rest of the thin section and disseminated fine-grained pyrrhotite, mostly less than 0.5mm in grainsize. Sericite in plagioclase is mostly in a zone adjacent to the epidote-rich zone.

This sample is granular amphibolite, probably metadolerite based on the grainsize of the opaque oxide, but the alteration occurred at a higher temperature than that which affected the previous sample.

SAMPLE YDRC02, 42-44m

ROCK NAME (from TS) Plagioclase-amphibole-epidote-quartz-titanite granofels with subparallel quartz-rich lenses or veins containing amphibole, plagioclase, apatite and titanite and a zone with minor pyrrhotite: may represent andesitic material?

Field Note: *Siliceous gneiss*

PETROGRAPHY:

A visual estimate of the modal mineral abundances:

Mineral	Abundance	Origin/location
Quartz, disseminated	8-10%	Metamorphic
Quartz, in veins and lenses	15%	Hydrothermal
Plagioclase	35-40%	Metamorphic
Amphibole, zoned, pale green	15-20%	
Epidote-clinozoisite, Fe-poor	15-20%	
Titanite	3-4%	
Apatite	Trace	Recrystallised
Pyrrhotite	<1%	Secondary?

There is no obvious foliation in this sample, but there are subparallel quartz-rich lenses that may represent metamorphosed veins. These veins also contain minor amphibole, plagioclase, titanite and apatite. The host-rock is relatively quartz-poor and rich in plagioclase, zoned very pale to pale green amphibole, pale, Fe-poor epidote and clinozoisite and fine-grained titanite (sphene). In one corner of the thin section there is a zone with pyrrhotite to 0.8mm in grainsize enclosed in clinozoisite. The epidote and amphibole are mostly less than 0.5mm in grainsize, with plagioclase and quartz about 0.1mm in grainsize, but the veins have larger grains of quartz and amphibole. The lack of foliation suggests classification as granofels rather than gneiss,

The protolith may have been andesitic but some geochemistry (e.g. Ti/Zr ratio) may be useful.

SAMPLE YDRC02, 66-68m

ROCK NAME (from TS) Foliated quartz-bearing amphibolite: possibly metabasalt.

Field Note: *Amphibolite?*

PETROGRAPHY:

A visual estimate of the modal mineral abundances:

Mineral	Abundance	Origin/location
Foliated green hornblende	45%	Metamorphic
Clouded plagioclase	45-50%	Metamorphic, altered
Quartz	5%	Metamorphic
Opaque oxide	2-3%	Recrystallised
Apatite	Trace	Accessory, igneous

Foliated olive-green hornblende to 1mm in grainsize and weakly sericitised granular plagioclase about 0.5mm in grainsize are the main components in this thin section, with less abundant granular quartz and fine-grained opaque oxide. The opaque oxide is mostly less than 0.2mm long, suggesting former basalt.

SAMPLE YDCR02, 84-86m

ROCK NAME (from TS) Fine granular quartz-bearing amphibolite: metabasalt.

Field Note: *Amphibolite?*

PETROGRAPHY:

A visual estimate of the modal mineral abundances:

Mineral	Abundance	Origin/location
Hornblende	45%	Metamorphic
Plagioclase	40-45%	Metamorphic
Quartz	10%	Metamorphic
Opaque oxide	2-3%	Recrystallised
Apatite	Trace	Accessory

This sample is less foliated compared to the previous sample with hornblende mostly less than 0.5mm in grainsize and finer-grained quartz, plagioclase and opaque oxide. Quartz seems to be more abundant and plagioclase less abundant, however. The protolith seems to be basaltic.

SAMPLE YDCR02, 110-112m

ROCK NAME (from TS) Probable metasandstone: quartz-plagioclase-cummingtonite schist with actinolite, biotite, chlorite, opaque oxide, apatite and zircon.

Field Note: *Siliceous gneiss?*

PETROGRAPHY:

A visual estimate of the modal mineral abundances:

Mineral	Abundance	Origin/location
Quartz	70%	Metamorphic
Foliated possible cummingtonite	15%	
Granular plagioclase, weakly clouded	10%	
Green amphibole (actinolite?)	1%	
Opaque oxide	3%	
Biotite/phlogopite	<1%	
Chlorite	<1%	
Apatite and rare zircon	Trace	Accessories

This sample is laminated with lamellae alternately rich in quartz and plagioclase and in foliated amphibole. The quartzofeldspathic lamellae have grains of quartz and weakly clouded plagioclase to 1mm in grainsize as well as minor amphibole, with colourless amphibole as prisms to about 1mm long, rarely composite with pale green probable actinolite. This suggests that the colourless amphibole is cummingtonite, but may be rich in magnesium. Pale green chlorite and pale brown biotite or phlogopite are also disseminated as well as relatively abundant opaque oxide. Apatite is also disseminated, with rare rounded zircons from 0.05mm to 0.1mm in diameter, suggesting former medium to coarse-grained sandstone. Metamorphism is of amphibolite facies and the lithology is schistose (quartz-cummingtonite-plagioclase schist).

SAMPLE YDCR02, 127m
ROCK NAME (from TS) Foliated hornblende-rich amphibolite: metabasalt.

Field Note: *Amphibolite*

PETROGRAPHY:

A visual estimate of the modal mineral abundances:

Mineral	Abundance	Origin/location
Olive-green hornblende	65%	Schistose, metamorphic
Plagioclase	30-35%	Metamorphic
Quartz	2-3%	Metamorphic
Oxide	1%	Metamorphic
Apatite	Trace	Accessory

The foliation in this thin section is defined by prisms of hornblende to 2mm long with lamellae rich in fine-grained plagioclase and minor quartz. However, very fine-grained opaque oxide is rare and very fine-grained, with rare apatite to 0.1mm in grainsize. This sample represents metabasalt.

Talia Hill RC Percussion Drilling
Yerda Prospect EL3817

Rehabilitation Status Report for drillholes YDRC-001a and YDRC-002

January 2009

W.J McKinnon-Matthews

Summary

- Two RC percussion drillholes were completed within Yellabinna Regional Reserve in September 2008.
- Both drillholes intersected basement at <10m and no significant water was found.
- Rehabilitation of both drill sites and access tracks has been completed.
- Mithril intends to relinquish the licence in the coming months.

(1:250,000 mapsheet SH53-10)

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Introduction

The following report outlines the rehabilitation activities carried out on Mithril's Yerda Prospect on EL3817 within Yellabinna Regional Reserve, Figure 1. Mithril completed two RC percussion drillholes on the prospect in September 2008 and intersected mafic basement rocktypes at <10m which are interpreted to explain the targets. The location of the drillholes can be found in Figure 2 and other details can be found in Table 1.

Table 1: Drillhole details

DRILL HOLE	EASTING	NORTHING	DIP	AZIMUTH	DATE	FINAL DEPTH	REHABILITATION STATUS
YDRC-001	436370	6573865	-90	0	20/9/08	80	COMPLETE
YDRC-002	439000	6574250	-90	0	21/9/08	127	COMPLETE

Completed drilling program

September 2008:

Two RC Percussion drillholes were completed within Yellabinna Regional Reserve. Approximately 10km of access tracks were constructed and two drill pads approximately 20m x 20m. Both the tracks and drillsites were located to avoid as much vegetation as possible. For these holes a small sump (approximately 3mx2mx1.5m each) for potential saline water intersected during the drilling were dug at each drill site. No significant water was intersected. Topsoil from these sumps was stockpiled. Holes were located in areas where little or no clearing of vegetation was required so clearing of drill pads was kept to a minimum.

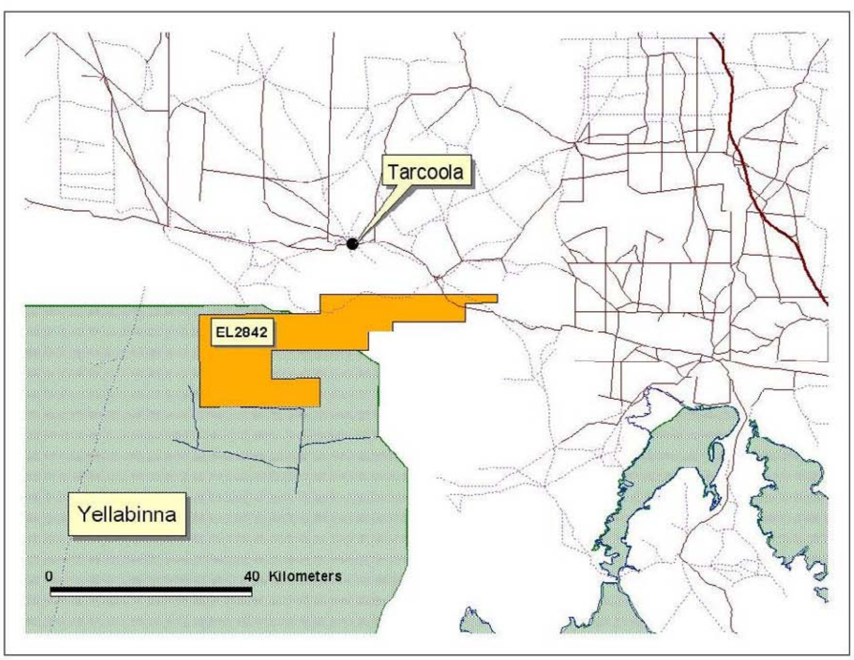

Figure 1: Location of EL3817 (formally EL2842)

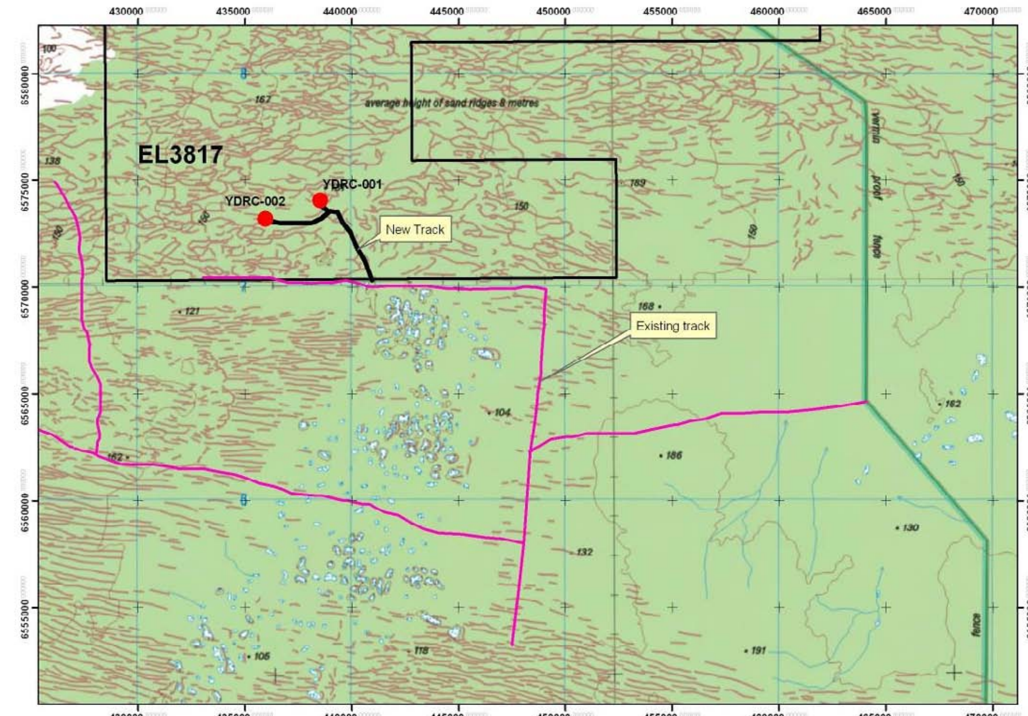

Figure 2: Drillhole and track locations in Yellabinna Regional Reserve

At the completion of the drilling program all rubbish was removed from site, the sumps filled in, holes were capped at >40cm below surface, drill pads and tracks were backripped and the main access track blocked. The following photos detail this work.

Figure 1: Drillsite YDRC001 prior to drilling (looking north)

Figure 2: Drillsite YDRC001 prepared drill site prior to drilling (looking northeast) – 09/2008

Figure 3: Drillsite YDRC001 during drilling (looking northwest) – 09/2008

Figure 4: Drillsite YDRC001 after rehabilitation (looking southwest) – 10/2008

Figure 5: Drillsite YDRC002 prior to drilling (looking west) – 09/2008

Figure 6: Drillsite YDRC002 after rehabilitation (looking NW) – 10/2008

Figure 7: Rehabilitation of access track at coordinate 438320E/6573300N, looking east. 10/2008

Figure 8: Rehabilitation of access track at approx coordinate 440600E/6572000. The rehabilitation here shows a small “run-off check” on a

small slope constructed to minimise erosion in the event of heavy rain. 10/2008

The drilling completed has been in dominantly open country and where all large vegetation has been avoided. As holes have been capped, sumps have been filled and drill pads flattened Mithril believes that all rehabilitation has been completed for this program.

As the drilling failed to intersect rocktypes of interest Mithril's intention to relinquish the ground in the coming months.

Mithril Resources LTD

Environmental Management Report

Exploration License 3817

Yellabinna Regional Reserve

South Australia

June 2009

Prepared by: Peter Hanlon
Exploration Rehabilitation Services

Distribution: Mithril Resources Ltd.
Department of Environment and Heritage South Australia (DEH)
Primary Industries and Resources South Australia (PIRSA)

TABLE OF CONTENTS

1. SUMMARY

The following report details rehabilitation of an exploration drilling programme completed by Mithril Resources Ltd on its Exploration Licence 3817 (EL 3817) located in Yellabinna Regional Reserve, South Australia.

Rehabilitation work completed by Mithril is to fulfil its requirements as set out in the Declaration of Environmental Factors (DEF) (March 2006) and subsequent Drilling/Use of Declared Equipment approval guidelines. The report covers the period June 2009.

2. MANAGER CONTACT

Mithril Resources Ltd.

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3. GENERAL INFORMATION

3.1 Introduction

Mithril Resources (Mithril) drilled 2 Reverse Circulation (RC) drill holes on its tenement EL 3817 located in Yellabinna Regional Reserve (see Figure 1, page 7) during September 2008. Following the completion of drilling, rehabilitation of the exploration activities was undertaken with an Environmental Management Report submitted to Primary Industries and Resources South Australia Exploration (PIRSA) in January 2009 (see Appendix 1).

During November 2008 Department of Environment and Heritage (DEH) and PIRSA conducted an Exploration Licence Field Inspection Report (see Appendix 2) of the rehabilitation and outlined issues requiring further action to meet Declaration of Environmental Factors approval conditions.

Exploration Rehabilitation Services were contracted by Mithril to undertake the additional rehabilitation with this being completed in June 2009.

Rehabilitation site positions have been recorded in the Figure 2 Map on page 8 with rehabilitation methods recorded as Photo Plates on pages 9 to 30 of this report.

3.2 Location

EL 3817 is located in the north eastern corner of Yellabinna Regional Reserve in the west of South Australia and is covered by the Childara SH 53-14 and Tarcoola SH 53-10 1:250 000 map sheets.

3.3 Access

Access to EL 3817 was via Kingoonya, first left after the cattle grid to the west of town following the access road to Yerda outstation in a south westerly direction (approximately 41 km). From Yerda to the south of the stone water tank continue heading in a south westerly direction (approximately 14 km) until intersecting and east/west station fence. Follow the fence line/track in a westerly direction (approximately 17 km) until the Yellabinna north/south dog fence is intersected. Go through the dog fence gate and head north along the dog fence access track (approximately13 km). At the third dogleg in the fence the exploration access track heads in a westerly direction and access to the southern area of the tenement.

3.4 Yellabinna Regional Reserve

Yellabinna is 2.5 million ha reserve representing 17% of the total South Australian Mallee that existed at the time of colonial settlement. The remoteness of Yellabinna and its almost pristine condition gives it very high wilderness value.

Section 34 of the National Parks and Wildlife Act, allows for a multi use classification ensuring the conservation of wildlife, and natural historic features of the land, while at the same time permitting use of natural resources. Primary Industry and Resources (PIRSA) administers exploration tenements in the Reserve with Department of Environment and Heritage (DEH) providing comment on the conditions of grant.

4. WORK COMPLETED

4.1 Drilling

In September 2008 Mithril drilled 2 RC drill holes for a total of 207 metres. Access from the Dog Fence was along previously closed tracks with approximately 10 km of new tracks created to gain access to the drill targets.
A campsite was established on the edge of the existing track with its position recorded in Figure 2 as Photo Site 5. Drill pads were created (2 x 20m x 20m) and sumps dug to contain saline water if intersected.

4.2 Rehabilitation

At the completion of drilling all rubbish was removed from site, sumps were filled in, drill holes capped >40cm below surface, vegetation placed over levelled drill sites and the main access points were temporarily blocked (see Appendix 1).

5. EXPLORATION LICENSE FIELD INSPECTION

An Exploration License field inspection was conducted by James Tomlinson, Mining Officer/Ranger and Greg Guerin, Environmental Officer for DEH and Jack White, Senior Environmental Officer for PIRSA during November 2008. From the field inspection a report was produced (see Appendix 2) which identified issues requiring further action. These were,

- “Previously disguised/rehabilitated track entrances authorized to be re-opened under the approval must be closed to prevent third party access and rehabilitated/disguised so that they blend in visually with the surrounding environment”
- “Rehabilitation should be undertaken such that exploration sites and tracks are restored to a condition, which is stable, consistent with the prior land use and in a manner which will facilitate natural regeneration and minimise the visual impact of exploration activities”
- “Access tracks require additional work to repair impacts caused by vehicles not keeping to the same tracks and the lack of preventative maintenance whilst tracks were in use”
- “On the completion of rehabilitation an ***Exploration Environmental Management Report*** on the project must be submitted to PIRSA and DEH”

6. REHABILITATION (Exploration Rehabilitation Services/June 2009)

During June 2009 Exploration Rehabilitation Services (ERS) completed outstanding restoration/rehabilitation activities on EL 3817. A fly camp was established for 2 people for 5 days located on the edge of the dog fence close to the exploration access track recorded in Photo Plate1 and 2. Equipment consisted of 2 x 4wd vehicles, tandem trailer, ripping implement and 4 x tyres. The position of rehabilitation sites is recorded in Figure 2 (page.8) and photographic records as Photo Plates (from page 9 to 30). Work completed during the programme consisted of;

- Restoring and rehabilitating 2 track entrances (Photo Plates 1, 2, 6) previously closed that had been authorized to be re-opened. Methods used included ripping wheel track compaction, levelling tyne marks and levelling windrows where accessible and disguising to prevent unauthorized use.
- To deter unauthorized users finding and driving through disguised entrances the tracks were ripped 4 times and vegetation in the form of dead tree trunks and fresh cut branches were placed over the ripped tracks for a total of 3.6 km. Examples of ripped track and vegetation barriers are shown in Photo Plates.3, 7, 12, 13, 14 and 15.
- The campsite for the drilling programme (Photo Plate.5) was inspected for rubbish; vehicle tracking around the site was ripped to alleviate compaction and dead vegetation placed over the ripped areas.
- On the existing track, 3 sites were restored (Photo Plate 4, 8, 9) where vehicles had diverted around obstacles such as overhanging tree branches and boggy gypsum soil horizons or where deep wheel ruts had formed.
- The existing track network (28 km) used during the drilling programme was lightly ripped to knock back the centre track mound and fill wheel track ruts that formed predominately in the network dune areas and gypsum soil horizons.
- A new track entrance (Photo Plate 10 and 11) established for access to drill hole sites was ripped, levelled and disguised.
- The new track (Photo Plates 11, 12, 13, 14 and 15) was ripped from the entrance for 2 km. The track was difficult to rip to any depth as the vehicle kept getting bogged in the network dunes and gypsum plains. Two passes were made with the ripping implement but only got good penetration was achieved going down the dune faces and in the dune corridors. Where vehicles had not stuck to a single line, efforts were made to rip and level additional tracking while trying not to expand the disturbance to the soil horizons.

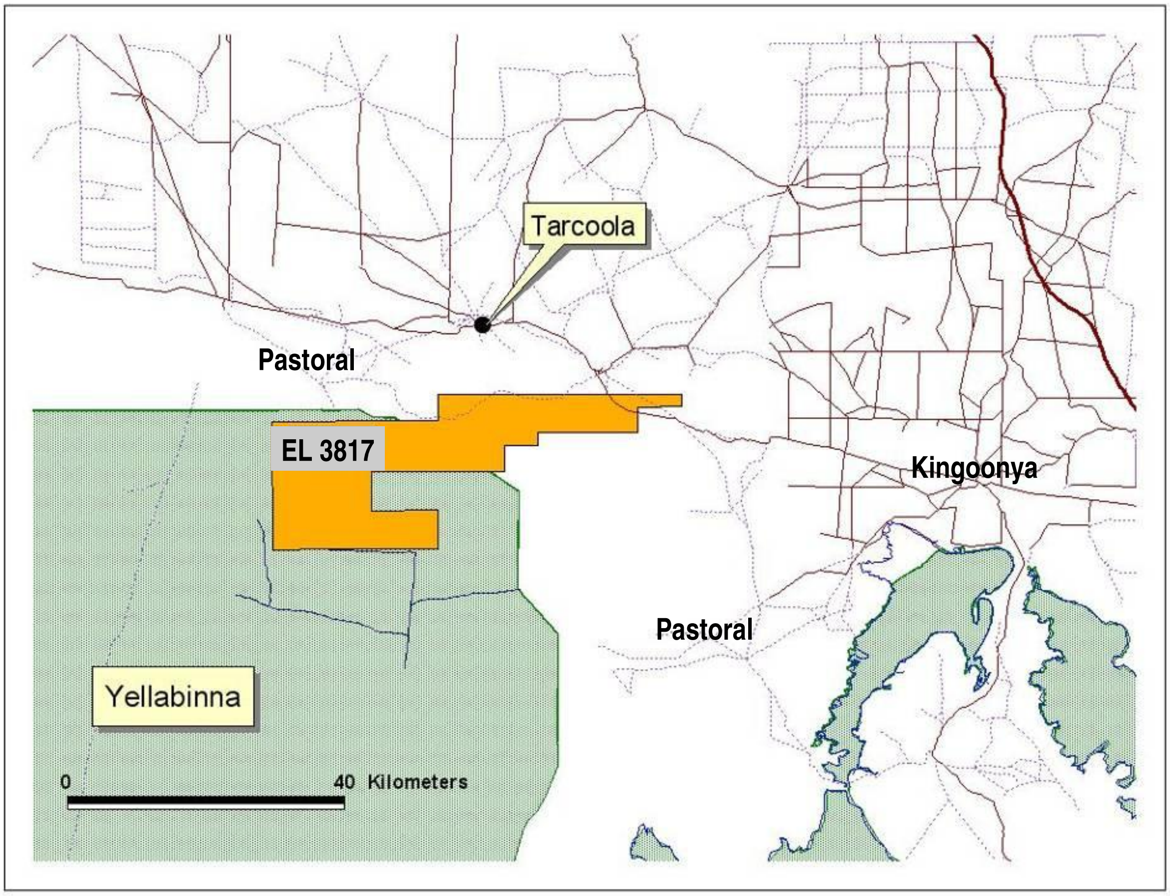
7.

REHABILITATION ACTIVITIES PHOTO PLATE DESCRIPTIONS

Photo Plate	EAST	NORTH	DESCRIPTION	PAGE
1	769500	6617700	Disguised entrance off dog fence	9
2	769500	6617700	New entrance off dog fence/disguising	10
2	769500	6617700	New entrance off dog fence/disguising	11
3	769500	6617740	Ripping of access track/vegetation barriers	12
4	769490	6617820	Ripping bypass on main existing track	13
5	764170	6602020	Ripping campsite compaction	14
5	768500	6614410	Ripping campsite compaction	15
6	768160	6613210	Access track T-junction entry disguising	16
6	768165	6613210	Access track T-junction entry disguising	17/18
7	767755	6611390	Ripping of existing access track/vegetation barriers	19
8	443990	6570000	Ripping of deep wheel ruts on existing track	20
9	443560	6570045	Ripping bypass on main existing track	21
10	441550	6570070	Disguising new entry point to drill sites	22
10	441550	6570130	Disguising new entry point to drill sites	23
11	441550	6570100	Disguising new entry point to drill sites	24
11	441540	6570120	Disguising new entry point to drill sites	25/26
12			Ripping of new track to drill sites and vegetation blocking	27
13			Ripping of new track to drill sites and vegetation blocking	28
14			Ripping of new track to drill sites and vegetation blocking	29
15	440650	6571600	Ripping of new track to drill sites and vegetation blocking	30

8.

FIGURE 1
Location of EL 3817



9.

FIGURE 2
Photo Plate Locations

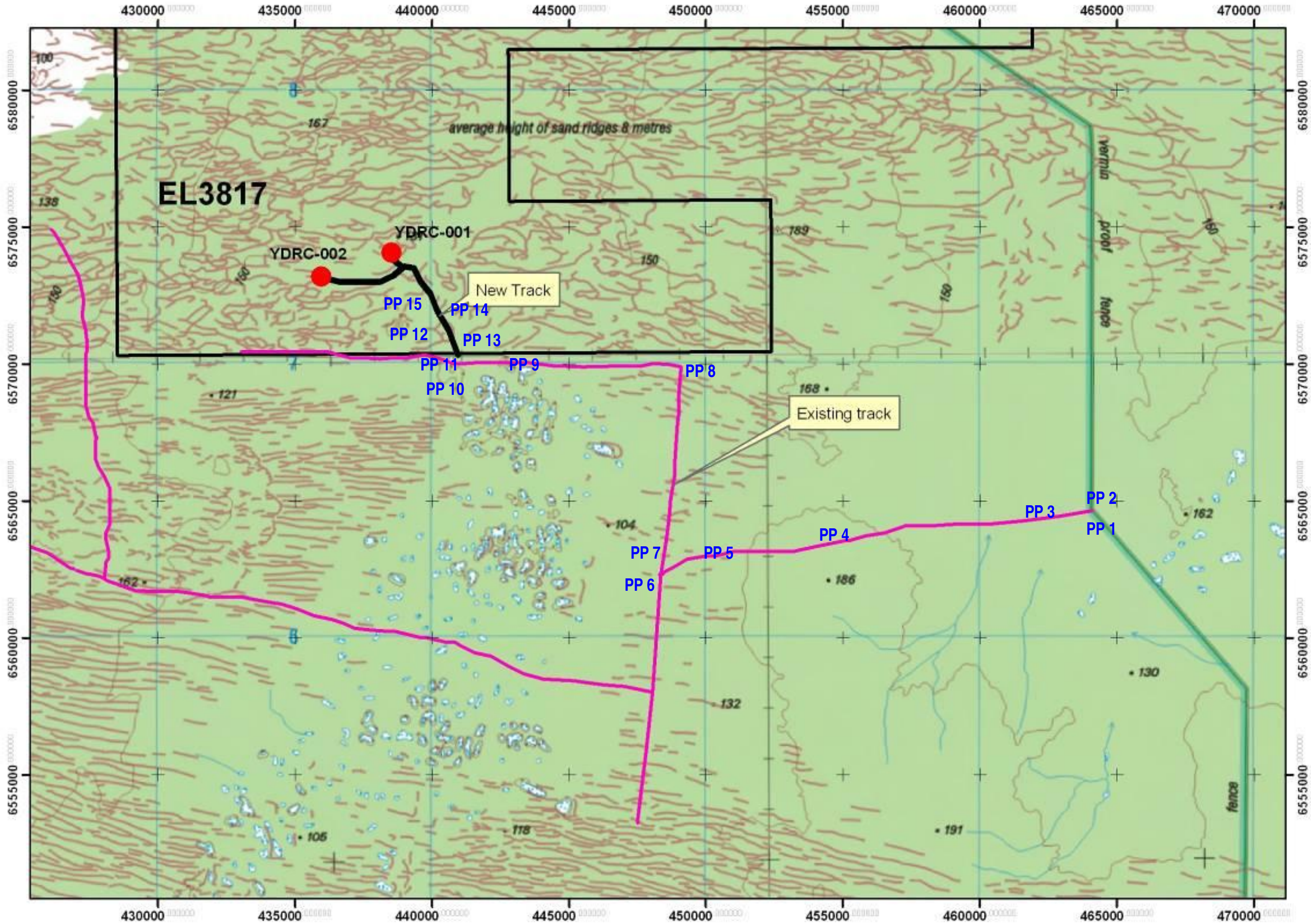


PHOTO PLATE 1 **WGS 84**

Location: 464100 mE 6564600 mN **June 2009**

Photo 1A: Looking west at old entry point off dog fence which was originally closed in 2001. New track entry is to the middle right of picture. ***Photo 1B and C:*** Records disguising of the main entrance. The track has been ripped 4 times from this point for 1.6 km with vegetation dragged over the ripped track.

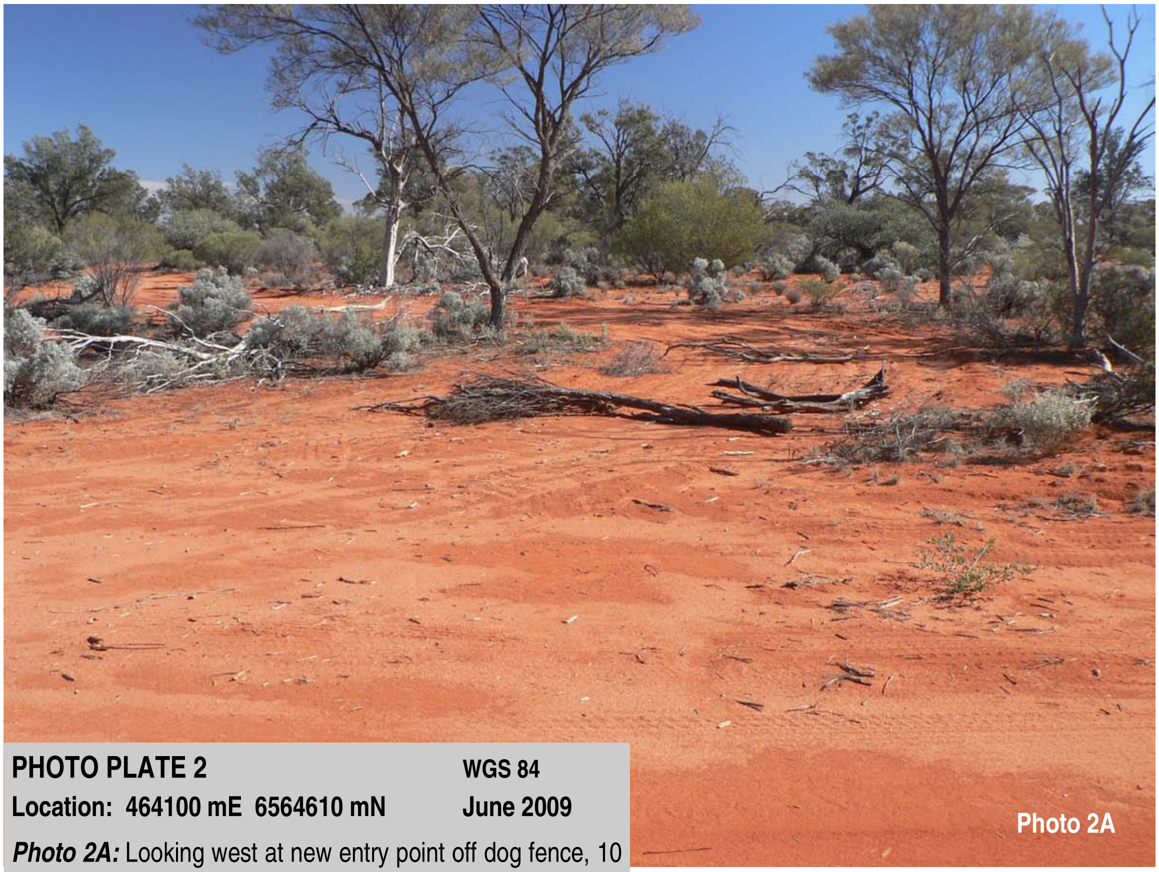


Photo 2A

PHOTO PLATE 2 **WGS 84**

Location: 464100 mE 6564610 mN **June 2009**

Photo 2A: Looking west at new entry point off dog fence, 10 mt north of old one. ***Photo 2B:*** Records disguising of the main entrance. The track has been ripped 4 times from this point for 1.6 km with vegetation dragged over the ripped track. Windrows have been re-instated, tyne marks raked out and vegetation planted to fill the open area.

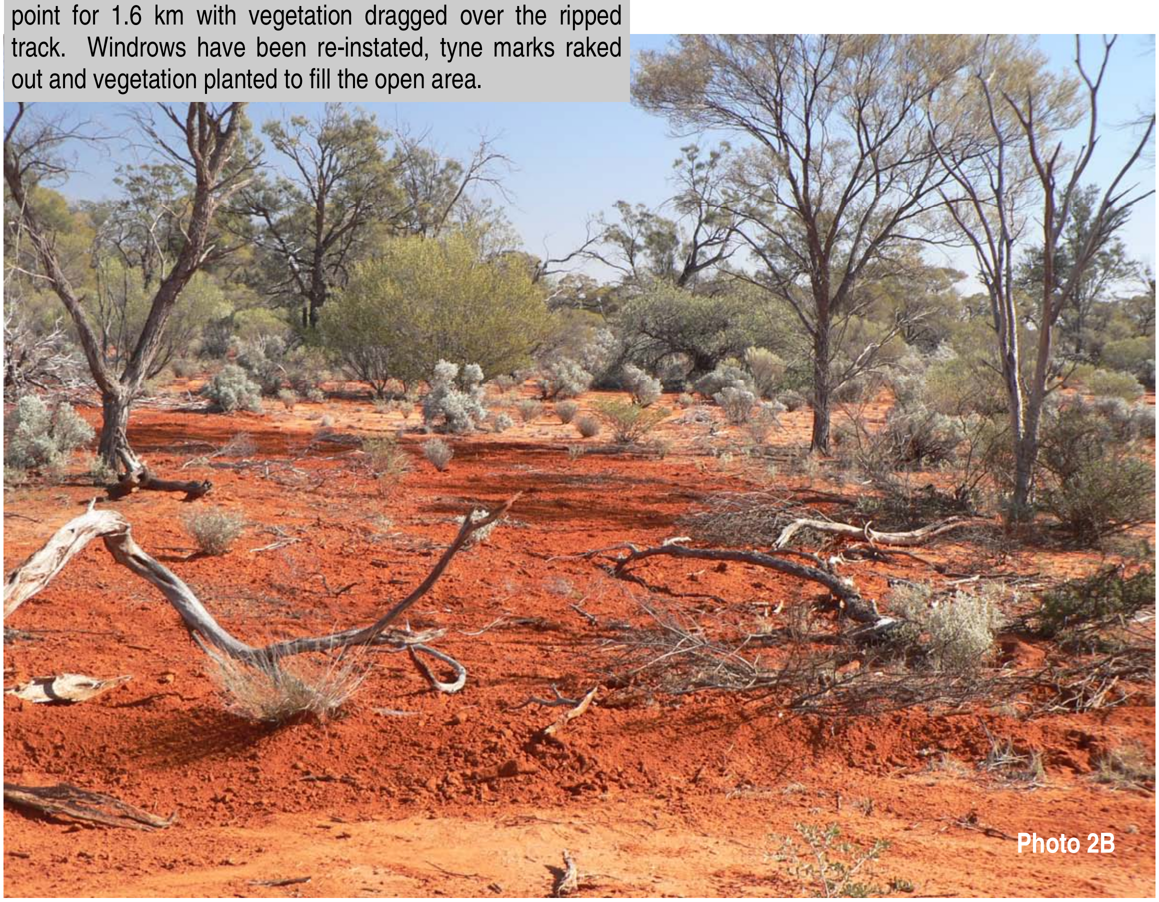


Photo 2B

PHOTO PLATE 2 **WGS 84**

Location: 464100 mE 6564610 mN

June 2009

Photo 2C, 2D and 2E: Looking west before and after disguising the entrance.

PHOTO PLATE 3 **WGS 84** **June 2009**

Photo 3A: **462545 mE 6564200 mN** Looking east, track has been ripped 4 times back to the dog fence (1.6 km) and vegetation placed over the ripped surface.
Photo 3B: **464100 mE 6564590 mN** Looking back west after ripping and vegetation blocking.
Insert Photo: About to lower the tynes to rip the track, tyres drag ripped soil from windrows and help level the surface.

PHOTO PLATE 4 **WGS 84** **June 2009**

Location: 456115 mE 6563330 mN

Photo 4A and 4B: Looking west at a bypass around overhanging branches. The bypass was ripped and vegetation placed over the surface.

PHOTO PLATE 5 **WGS 84**

Location: 449500 mE 6562820 mN **June 2009**

Photo 5A: Looking west at a section of campsite used during the drilling programme. The camp is on the edge of the main track between the dog fence and the north/south track T junction. ***Photo 5B:*** After ripping.

Photo 5E

Photo 5C

Photo 5D

PHOTO PLATE 5 **WGS 84**
June 2009

Location: 449500 mE 6562820 mN

Photo 5C, D, E and F: Various views of the campsite before and after restoration.

Photo 5F

PHOTO PLATE 6 **WGS 84**

Location: **448630 mE** **6562355 mN** **June 2009**

Photo 6A: Looking north, originally closed in 2001, this is the western side of the T-junction. To the right of picture the track from the dog fence sweeps around to the north and is recorded in ***Photo 6C, 6D and 6E***. The track north has been used by Mithril while the track south by Minotaur. The track has been ripped 4 times from this point for 2 km with vegetation dragged over the ripped track. ***Photo 6B:*** Disguising of the western side of the T-junction.

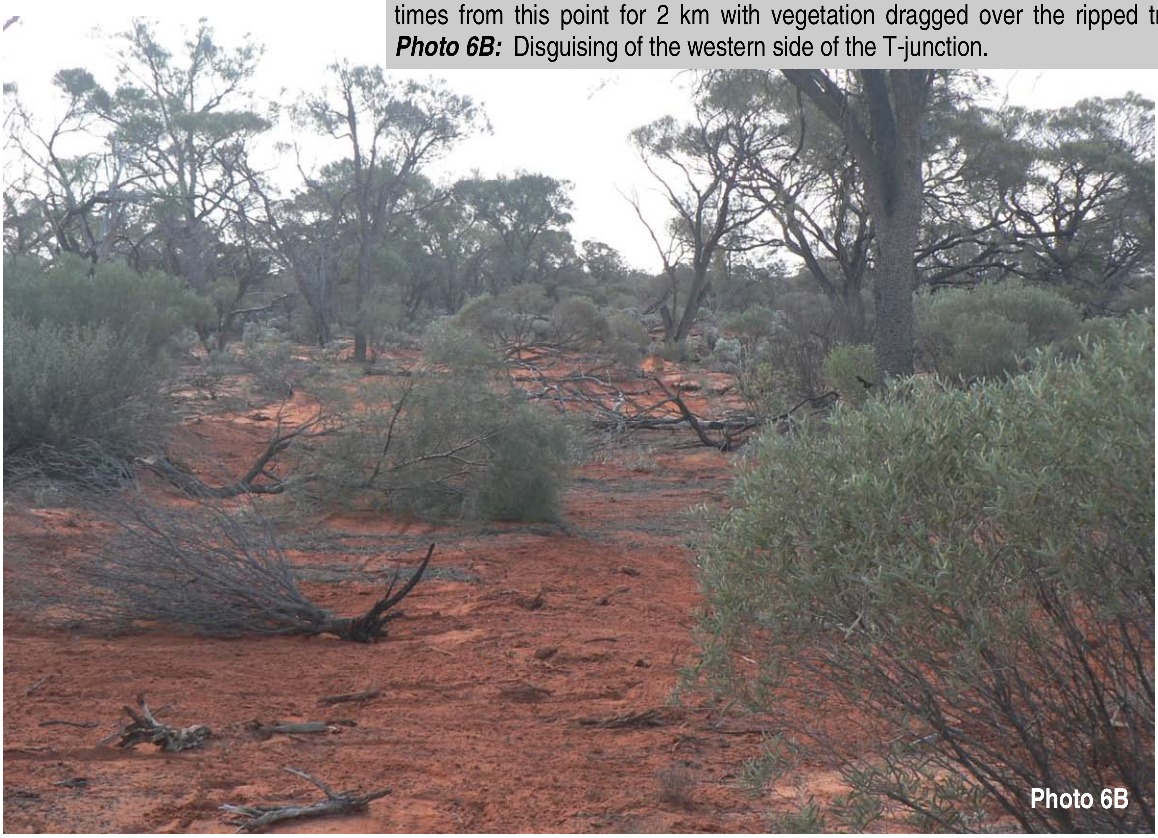


PHOTO PLATE 6 **WGS 84** **June 2009**

Location: **448630 mE** **6562355 mN**

Photo 6C and 6D: Looking northwest to the right side of the T-junction. The entrance has been ripped 4 times to break up compaction, the windrow re-installed, straight line from the tyres and tynes have been raked out and then disguised with vegetation.

PHOTO PLATE 6 **WGS 84** **June 2009**

Location: **448630 mE** **6562355 mN**

Photo 6E: Looking northwest at the detail of disguising to the right side of the T-junction. From here the northern track has been ripped for 2 km.

PHOTO PLATE 7 **WGS 84** **June 2009**

Photo 7A: **448630 mE 6563200 mN** Looking south, track has been ripped 4 times back to the t-junction from this point (2 km) and vegetation placed over the ripped surface.
Photo 7B: **448600 mE 6562900 mN** Looking north after ripping of track and vegetation blocking.

PHOTO PLATE 8 **WGS 84** **June 2009**

Photo 8A and 8B: **443990 mE 6570000 mN** Looking west, wheel ruts through gypsum plain on existing track. Section of track has been ripped and levelled.

PHOTO PLATE 9 **WGS 84** **June 2009**

Photo 9A and 9B: **443560 mE 6570045 mN** Looking west, a bypass has been made around a gypsum bull dust patch on the existing track. The bypass has been ripped and levelled.

PHOTO PLATE 10 **WGS 84** **June 2009**

Location: 441550 mE 6570070 mN

Photo 10A and 10B: Looking north at the new track entry to drill sites. Wind and rain has softened the sharp edges of the wheel tracks but it's still quite obvious. Two attempts were made to get over the dune in the background, one just off centre to the right and the main one to centre left between the gap in the tall Mallee shown in Photo Plate 11. The entrance has been ripped, levelled, hand raked and disguised with vegetation right back to the dune.

Photo 10C

PHOTO PLATE 10 **WGS 84** **June 2009**

Location: 441550 mE 6570070 mN

Photo 10C and 10D: Looking north east at the new track entry to drill sites. Before and after disguising.

Photo 10D

PHOTO PLATE 10 **WGS 84** **June 2009**

Location: 441550 mE 6570130 mN

Photo 10E and 10F: Looking north, 60 mt north of the entrance in Photo10A/B at the first attempted dune crossing. Wheel tracks have been lifted and raked, windrows where obvious have been levelled with vegetation spread around to close in the open area

PHOTO PLATE 11 **WGS 84** **June 2009**

Location: 441550 mE 6570100 mN

Photo 11A and 11B: Looking northwest, 30 mt north of the entrance in Photo10A/B. Access to drill sites with temporary closure sign. Wheel tracks have been ripped and raked, windrows where obvious, have been levelled with vegetation spread around. The track, doglegs through the vegetation and heads around to the right of picture. Photo 11C to 11G record the restoration of the dune crossing.

PHOTO PLATE 11 **WGS 84** **June 2009**

Location: 441540 mE 6570120 mN

Photo 11C and 11H: Looking north at the restoration of the dune crossing. The Entry was disguised back to the dune as it was clearly visible from the existing track. Wheel tracks have been ripped and tyne and tyre marks raked out. Windrows have been levelled with the plough or by hand. Tree branches and leaf litter has been spread around to fill the open areas. Approximate disguised area in length is around 100 mt.

PHOTO PLATE 12 **WGS 84** **June 2009**

Location: Between entry in Photo Plate 11 and Photo Plate 15

Photo 12A and 12B: Looking north at the new track to drill sites. The track has been ripped twice and vegetation placed over the surface. Single pass wheel tracks to the left and right were left as is after weighing up potential impact verses the time to hand rake them.

PHOTO PLATE 13 **WGS 84** **June 2009**

Location: Between entry in Photo Plate 11 and Photo Plate 15*:*
Photo 13A to 13C. New access track to drill holes has been ripped twice with vegetation placed over the surface to stop unauthorized use. Vehicles have not kept to single track through the gypsum soils. Wheel tracks to the left have been filled in.

PHOTO PLATE 14

WGS 84 **June 2009**

Location:
Between entry in Photo Plate 11 and Photo Plate 15*: Photo 14A to 14C.* New access track to drill holes has been ripped twice with vegetation placed over the surface to stop unauthorized use.

PHOTO PLATE 15 **WGS 84** **June 2009**

Location: 440650 mE 6571600 mN

Photo 15A and 15B: Looking south at the new track after restoration. Location is approximately 2km from the entrance in ***Photo Site 10/11.*** The network dune system in this area made it difficult to rip to depth in the sandier sections of track. Vegetation has been dragged over the ripped track for the 2km.

11. APPENDICES

11.1 APPENDIX 1 Environmental Management Report (Mithril)

Talia Hill RC Percussion Drilling
Yerda Prospect EL3817

Rehabilitation Status Report for drillholes YDRC-001a and YDRC-002

January 2009

W.J McKinnon-Matthews

Summary

- Two RC percussion drillholes were completed within Yellabinna Regional Reserve in September 2008.
- Both drillholes intersected basement at <10m and no significant water was found.
- Rehabilitation of both drill sites and access tracks has been completed.
- Mithril intends to relinquish the licence in the coming months.

(1:250,000 mapsheet SH53-10)

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Introduction

The following report outlines the rehabilitation activities carried out on Mithril's Yerda Prospect on EL3817 within Yellabinna Regional Reserve, Figure 1. Mithril completed two RC percussion drillholes on the prospect in September 2008 and intersected mafic basement rocktypes at <10m which are interpreted to explain the targets. The location of the drillholes can be found in Figure 2 and other details can be found in Table 1.

Table 1: Drillhole details

DRILL HOLE	EASTING	NORTHING	DIP	AZIMUTH	DATE	FINAL DEPTH	REHABILITATION STATUS
YDRC-001	436370	6573865	-90	0	20/9/08	80	COMPLETE
YDRC-002	439000	6574250	-90	0	21/9/08	127	COMPLETE

Completed drilling program

September 2008:

Two RC Percussion drillholes were completed within Yellabinna Regional Reserve. Approximately 10km of access tracks were constructed and two drill pads approximately 20m x 20m. Both the tracks and drillsites were located to avoid as much vegetation as possible. For these holes a small sump (approximately 3mx2mx1.5m each) for potential saline water intersected during the drilling were dug at each drill site. No significant water was intersected. Topsoil from these sumps was stockpiled. Holes were located in areas where little or no clearing of vegetation was required so clearing of drill pads was kept to a minimum.

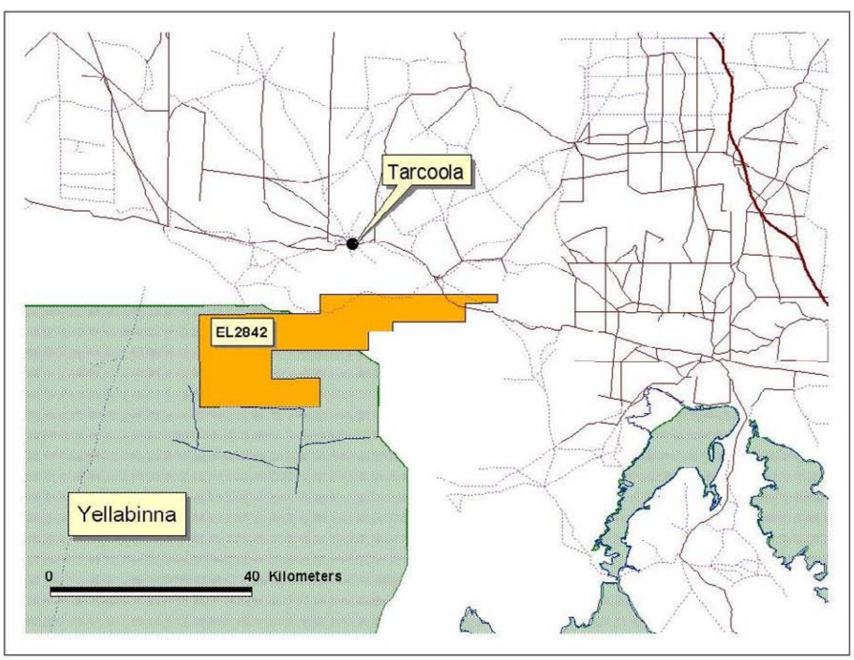

Figure 1: Location of EL3817 (formally EL2842)

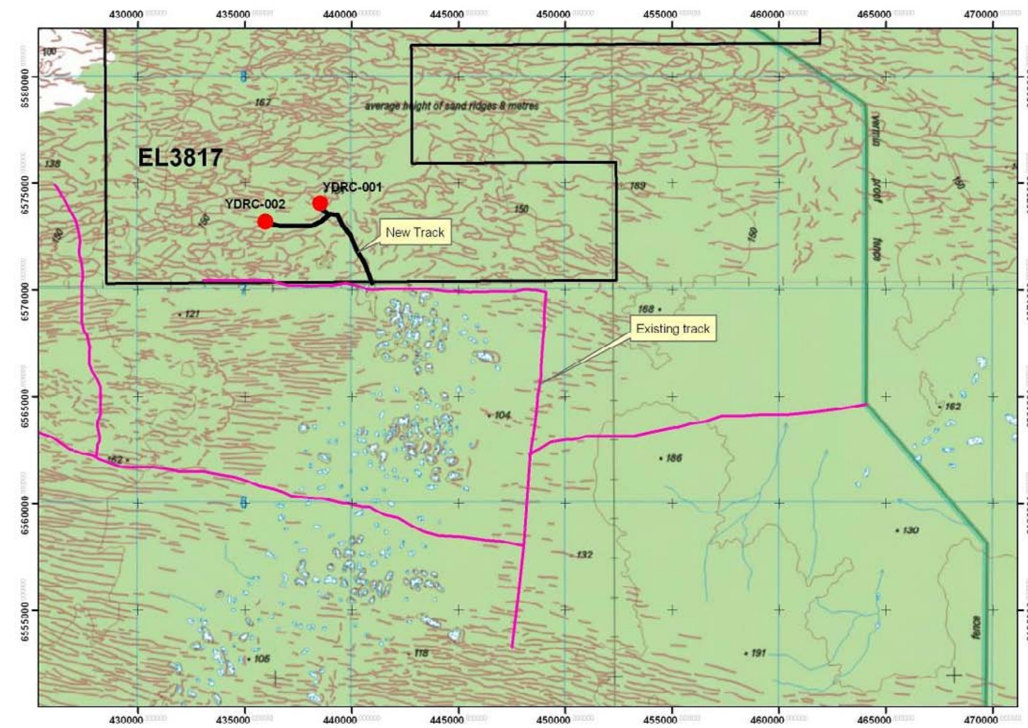

Figure 2: Drillhole and track locations in Yellabinna Regional Reserve

At the completion of the drilling program all rubbish was removed from site, the sumps filled in, holes were capped at >40cm below surface, drill pads and tracks were backripped and the main access track blocked. The following photos detail this work.

Figure 1: Drillsite YDRC001 prior to drilling (looking north)

Figure 2: Drillsite YDRC001 prepared drill site prior to drilling (looking northeast) – 09/2008

Figure 3: Drillsite YDRC001 during drilling (looking northwest) – 09/2008

Figure 4: Drillsite YDRC001 after rehabilitation (looking southwest) – 10/2008

Figure 5: Drillsite YDRC002 prior to drilling (looking west) – 09/2008

Figure 6: Drillsite YDRC002 after rehabilitation (looking NW) – 10/2008

Figure 7: Rehabilitation of access track at coordinate 438320E/6573300N, looking east. 10/2008

Figure 8: Rehabilitation of access track at approx coordinate 440600E/6572000. The rehabilitation here shows a small “run-off check” on a

small slope constructed to minimise erosion in the event of heavy rain. 10/2008

The drilling completed has been in dominantly open country and where all large vegetation has been avoided. As holes have been capped, sumps have been filled and drill pads flattened Mithril believes that all rehabilitation has been completed for this program.

As the drilling failed to intersect rocktypes of interest Mithril's intention to relinquish the ground in the coming months.

11.2 APPENDIX 2 Exploration License Field Inspection Report (PIRSA/DEH 39

Government of South Australia
Primary Industries and Resources SA

Ref: EL 3817 CC: DEH

Mining Regulation & Rehabilitation Branch

EXPLORATION LICENCE FIELD INSPECTION REPORT

Date of Inspection:	26/11/2008
PIRSA Officers:	Jack White
General Location:	Talia Hill
Tenement No:	EL 3817
Activities	Reverse Circulation drilling, access tracks, camp
Operating Company:	Mithril Resources Ltd
Company Field Supervisor:	Jim McKinnon-Matthews
Land Category	Yellabinna Regional Reserve
Special Environmental Management Conditions:	DEF
Program/Rehabilitation Status:	Rehabilitation pending

FIELD INSPECTION REPORT

COMMENTS & OBSERVATION

Work Approval history

EL 2842
16/03/2006 – Approval for 2 RC drill holes and the creation of approximately 10 km of new tracks.

6/09/2006 – 6 month time extension granted

EL 3817 *(formally EL 2842)*
27/06/2007 – 6 month time extension granted

3/01/2008 – 12 month time extension

Inspection
Inspection of the Talia Hill project within Yellabinna Regional Reserve was undertaken by Jack White, PIRSA and James Tomlinson, Mining Officer/Ranger and Greg Guerin, Environmental Officer – Mining from DEH. No company personnel were present during the inspection, however, Jim McKinnon-Matthews from Mithril Resources was contacted prior to the visit and he provided maps (see appendix 1) and coordinates of the exploration work undertaken by the company during September 2008.

The east-west track entrance off the dog fence track is an old exploration track that was closed and rehabilitated in 2001. Following more recent exploration activities this track has been partially blocked by the placement of logs across track.

It appeared that partial rehabilitation of the drilling activities has been undertaken.

Drill sites were not inspected as the track entrance (shown as point 5 on location maps and Photo 14) was temporarily blocked and the drill sites were located a considerable distance from the entrance.

The entrance point heading north to drill sites off the east-west track (Point 5 as shown on maps in appendix 1) was visually very obvious and not adequately hidden through the use of dog legs. Multiple tracks were also noted coming off this point.

Multiple tracks and by-passes were common throughout the northern access track and in a number of areas, tracks headed off perpendicular to the access track. This is not in line with approval letter dated 16 March 2006 conditions:

13. Tracks and impacts caused by vehicular movements are minimised.
17. New access tracks/routes be planned, prepared and rehabilitated in line with PIRSA Environmental Guidelines (Information Sheet M33) and in consultation with PIRSA and DEH officers. Objectives should be to minimise environmental impacts and vegetation clearing, and plan and rehabilitate routes to prevent erosion, enable effective regeneration, and prevent third party access. On completion, exit points from existing tracks should be rehabilitated/disguised so that they blend in visually with the surrounding environment.
20. The number of departure points from existing tracks be minimised.
21. Vehicles must keep to the same tracks to minimise the overall disturbance to the area.

In a number of areas track conditions deteriorated through use and progressive rehabilitation and track maintenance should have been undertaken to ensure the proliferation of tracks did not occur.

It was also noted that a mature sugarwood *Myoporum platycarpum* had been pushed over during track creation. The density of vegetation cover in this area appeared to be sufficiently open and therefore the removal of this tree was unnecessary.

Mithril Resources submitted a Rehabilitation Report to PIRSA on 19 January 2009 which includes details of the exploration work undertaken in September 2008 and the rehabilitation of drill sites and tracks in October 2008. The report indicates that the two drill sites were capped below ground and rehabilitated; and tracks were back ripped and the main access track blocked.

ISSUES REQUIRING ACTION

Previously disguised/rehabilitated track entrances authorized to be re-opened under the approval must be closed to prevent third party access and rehabilitated/disguised so that they blend in visually with the surrounding environment.

Rehabilitation should be undertaken such that exploration sites and tracks are restored to a condition, which is stable, consistent with the prior land use, and in a manner which will facilitate natural regeneration, and minimise the visual impact of exploration activities. Access tracks require additional work to repair impacts caused by vehicles not keeping to the same tracks and the lack of preventive maintenance whilst tracks were in use.

On completion of rehabilitation an ***Exploration Environmental Management Report*** on the project must be submitted to PIRSA and DEH.

PIRSA Officer: **Jack White**
Senior Environmental Officer

MINERAL EXPLORATION - ENVIRONMENTAL MANAGEMENT CHECKPOINTS

ACCESS TRACKS & SURVEY LINES

Preparation:
- Existing tracks used where possible
- Access construction kept to a minimum
- Vegetation clearance avoided where possible
- Rootstocks retained
- Was the access bulldozed or graded
- Was the dozer walked, if not
  - bladework kept to a minimum
  - windows present
  - spur drains constructed in sloping areas
  - were topsoil and root stocks retained
- Was clearance avoided through special terrain features (e.g. drainage lines)
- Due consideration given to surface runoff & soil erosion

Sand Dune Country:
- Tracks kept to interdunal corridors
- Sand dune cuts kept to a minimum
- Sand dune cuts at right angles or lesser angles for steep slopes
- Sand pushed to either side of the cut
- Ramps constructed

Creek Crossings:
- Disturbance kept to a minimum
- Earth banks constructed
- Vegetation removed

Abandonment Rehabilitation:
- All possible surface water obstructions removed or breached e.g. earth banks, windrows, etc.
- Windrows spread back over the track at completion
- Entrances to access tracks disguised to discourage public access
- Access tracks ripped where heavily compacted
- Stockpiled soil and vegetation re-spread
- Grid pegs/flagging tape removed

DRILLHOLES

Preparation:
- Drill pad clearance kept to a minimum
- Topsoil and vegetation stockpiled
- Contaminants such as fuels and drilling muds adequately contained

DRILLHOLES (cont.)

Abandonment/Rehabilitation:
- Drill site left in a clean and tidy state
- Drill holes backfilled and capped
- Cuttings returned to hole & covered
- Cleared vegetation/topsoil re-spread
- Heavily compacted areas ripped
- Natural drainage reinstated
- Pits and sumps backfilled and levelled
- Measures taken to ensure groundwater management
- Pegs/flagging removed

EXCAVATIONS (trenches/pits/drilling sumps)

Preparation:
- Land clearance kept to a minimum
- Excavation kept to a minimum
- Appropriate equipment used for excavations
- Vegetation, topsoil and excavated material stockpiled

Abandonment/Rehabilitation:
- Excavations backfilled
- Site compacted and shaped to match the contour of the land
- Topsoil and vegetation respread over backfilled and disturbed area
- Site left in a clean and tidy state

CAMPSITES

Preparation:
- Campsite in a suitable location
- Surface levelled or cleared of vegetation
- If cleared was the vegetation and topsoil stockpiled
- Vehicles kept to designated parking areas
- Did personnel keep to designated access tracks
- Set aside area for vehicle maintenance
- Oil or fuel spillages evident
- Adequate facilities for drainage
- Waste disposal managed effectively

Abandonment/Rehabilitation:
- All rubbish and equipment removed
- Camp site left in a clean and tidy state
- Was the area rehabilitated i.e. ripped, revegetated, etc.

INSPECTION DETAILS

Photo 1: PIRSA photopoint CHL003 - track entrance (shown as point 2 on figure 1) off dog fence track to drill sites prior to rehabilitation in 2001.

(0464100mE 6564591mN zone 53 WGS84).

Photo 2: PIRSA photopoint CHL003 after rehabilitation in 2001.

(0464100mE 6564591mN zone 53 WGS84).

Photo 3: PIRSA photopoint CHL003 – 26/11/2008 - track entrance has been partially blocked by the placement of logs across track.

(0464100mE 6564591mN zone 53 WGS84).

Photo 4: View of east-west track approximately 100 m off dog fence (as above) 0463998mE 6564558mN zone 53 WGS84) where sections of the track have been previously ripped and branches placed across old track.

Photo 5: Same as photo 2 where portion of track has been previously ripped and branches have been recently placed across the track.

Photo 6: Entrance to track heading north prior to rehabilitation in 2001.

(0448615mE 6562345mN zone 53 WGS84)

Photo 7: Entrance to track heading north after rehabilitation in 2001.

(0448615mE 6562345mN zone 53 WGS84)

Photo 8: Track entrance as shown above, after recent exploration activities by Mithril

(0448615mE 6562345mN zone 53 WGS84).

Photo 9: North-south track prior to rehabilitation in 2001.

(0448651mE 6563974mN zone 53 WGS84)

Photo 10: Track as shown above ripped in 2001.

(0448651mE 6563974mN zone 53 WGS84)

Photo 11: Track (as above) after recent exploration activities by Mithril

(0448651mE 6563974mN zone 53 WGS84)

Photo 12: North-south old exploration access track (0443538mE 6570049mN zone 53 WGS84). Track has been widened and recently used by heavy equipment. Main track is soft and powdery and considerable rehabilitation work is required.

Photo 13: Northern east-west track showing powdery sections and multiple tracks heading off the main track (0442459mE 6570107mN zone 53 WGS84)).

Photo 14: Multiple new access tracks heading north from the east-west track (Point 5 as shown on maps in appendix 1 (0441548mE 6570070mN zone 53 WGS84)). Access tracks were not disguised and more than one track was created, which continues for a considerable distance.

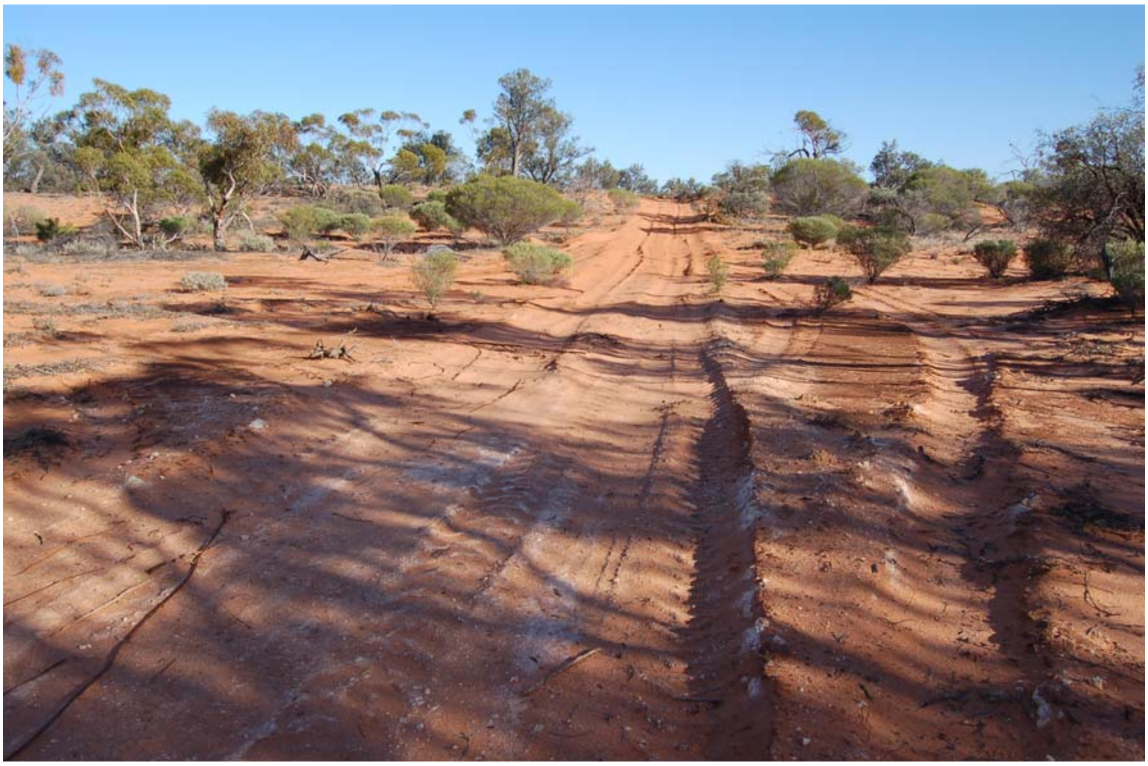

Photo 15: Multiple tracks and widening along northern access track to drill sites. Track width had not been kept to a minimum.

Photo 16: Multiple tracks leading to dune crossings

Photo 17: Crest of low dune with a temporary rehabilitation sign and dead black oak placed on track (0441432mE 6570241mN zone 53 WGS84).

Photo 18: Multiple tracks and deviations (0441350mE 6570540mN zone 53 WGS84).

Photo 19: Track passing through an open area with a sugarwood *Myoporum platycarpum* pushed over (0441359mE 6570554mN zone 53 WGS84).

Photo 20: Multiple tracks and deviations (0441033mE 6570540mN zone 53 WGS84).

Photo 21: Multiple tracks and deviations due to soft track conditions (0441033mE 6570540mN zone 53 WGS84).

Photo 22: Multiple tracks and deviations and area where vehicle reversed due to soft ground. (0441033mE 6570540mN zone 53 WGS84).

Photo 23: Multiple tracks and deviations and area where vehicle reversed due to soft ground. (0441033mE 6570540mN zone 53 WGS84).

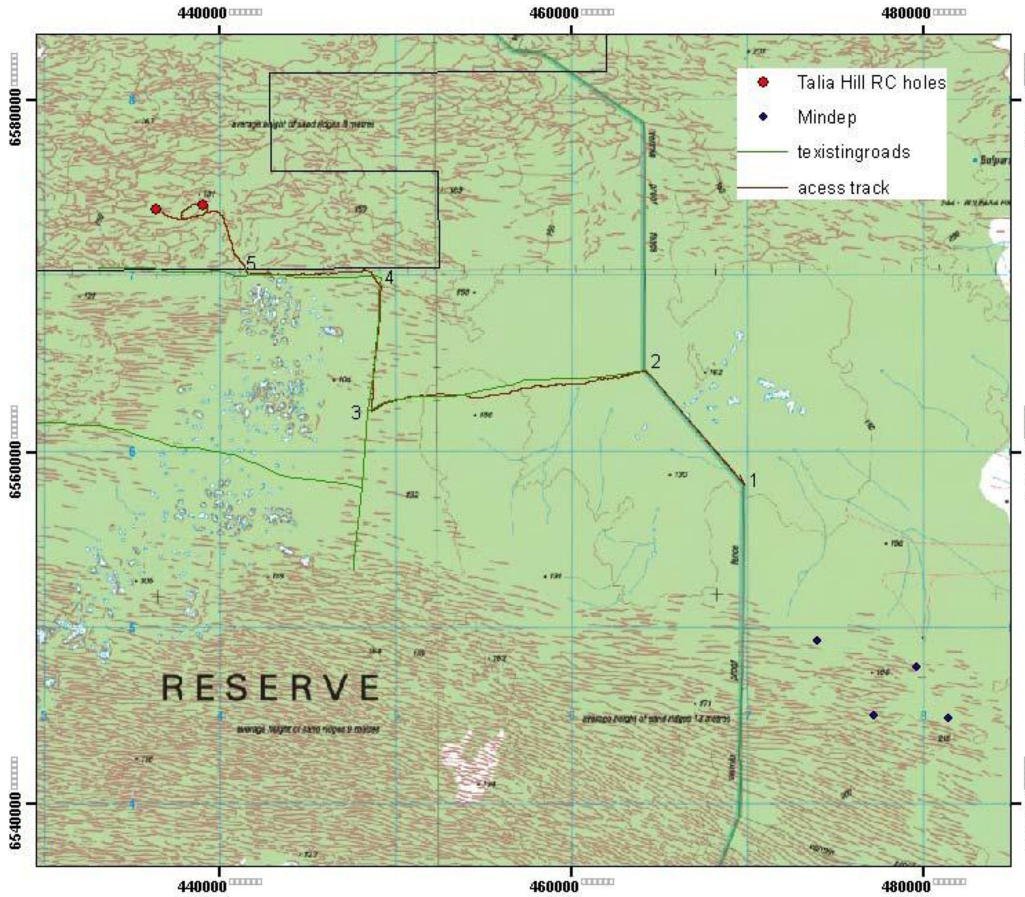

Figure 1: Location of drilling program

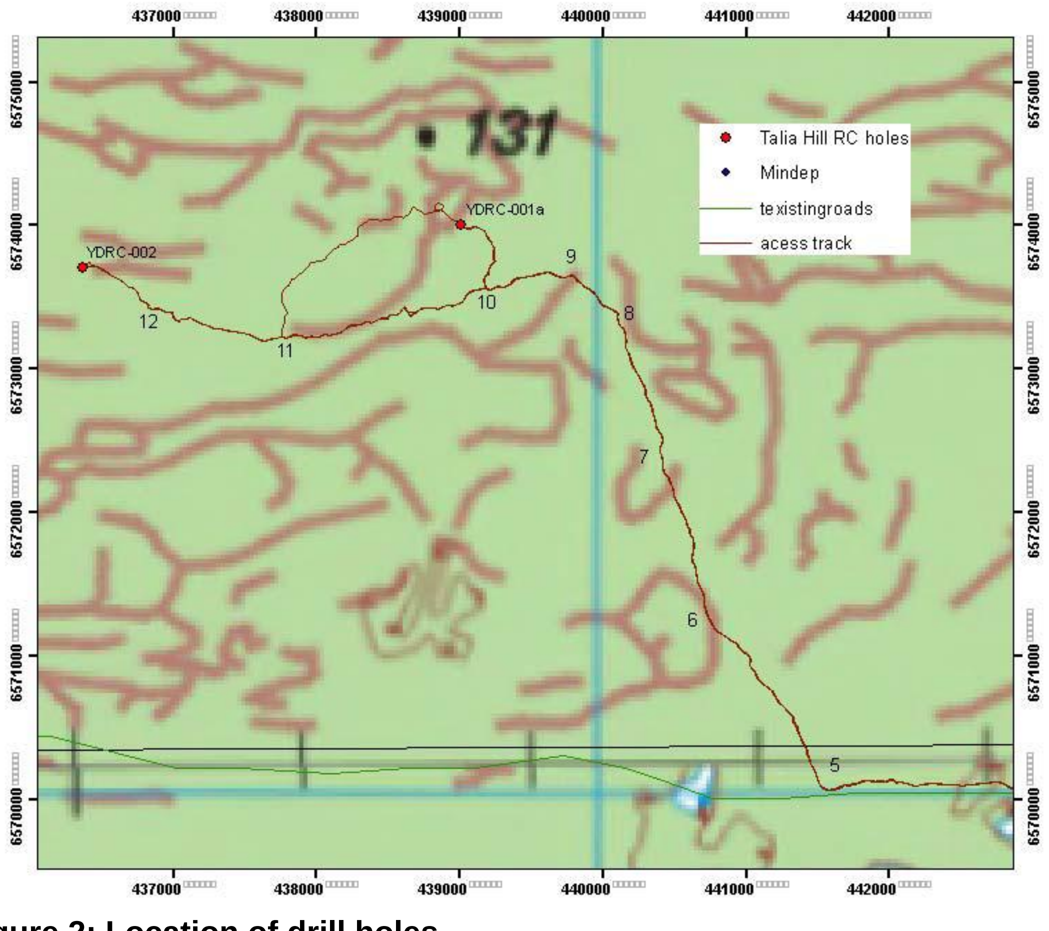

Figure 2: Location of drill holes