MT. SHOOBRIDGE PROJECT, NT

EL 24528

ANNUAL REPORT

FOR THE PERIOD

24th November 2007 TO 23rd November 2008

Tenement	:	EL24528	
Owner	:	Australian Tantalum Pty Ltd	
Operator	:	Haddington Resources Ltd	
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FILES SUBMITTED TO DRDPIFR

EL24528_2008_A_01_ReportBody.pdf
EL24528_2008_A_02_ SufaceLocation.txt
EL24528_2008_A_02_ SufaceGeochem.txt
EL24528_2008_A_04_DrillCollars.txt
EL24528_2008_A_05_DownholeSurvey.txt
EL24528_2008_A_06_Lithologs.txt
EL24528_2008_A_07_DownholeGeochem.txt

1. SUMMARY

Exploration conducted on EL24528 during the reporting period included rock chip sampling and RC drilling at the Phillip Greets prospect.

2. INTRODUCTION

This report covers exploration work carried out by Australian Tantalum Pty Ltd, a wholly owned subsidiary of Haddington Resources Limited (HDN) during the reporting period (24th November 2007 to 23rd November 2008).

The tenement is part of a project which also includes EL22186, EL23105, EL25181, ERL88, MCN60, MLN296, and MLN544 (Figure1).

3. LOCATION AND ACCESS

The Shoobridge Project is located approximately 160km south-southeast of Darwin; approximately 19km west northwest of Hayes Creek. Access is via the Old Stuart Highway and Douglas Station tracks, in the wet season (November to April), access roads into EL24528 become impassable.

The Licence lies on the Pine Creek 1:250,000 (SD52), and Tipperary (5170-1) 1:100,000 scale topographical and geology sheets.

4. TENEMENT STATUS

EL24528 was granted to Australian Tantalum Ltd 24th November 2005 for a period of six (6) years.

Tenement	Holder	Grant Date	Expiry	Area Km^2	Rent $	Commitment $
EL24528	ATL	24.11.2005	23.11.2010	10.02	$66.00	$17,000

Table 1. EL24528 – Tenement Details.

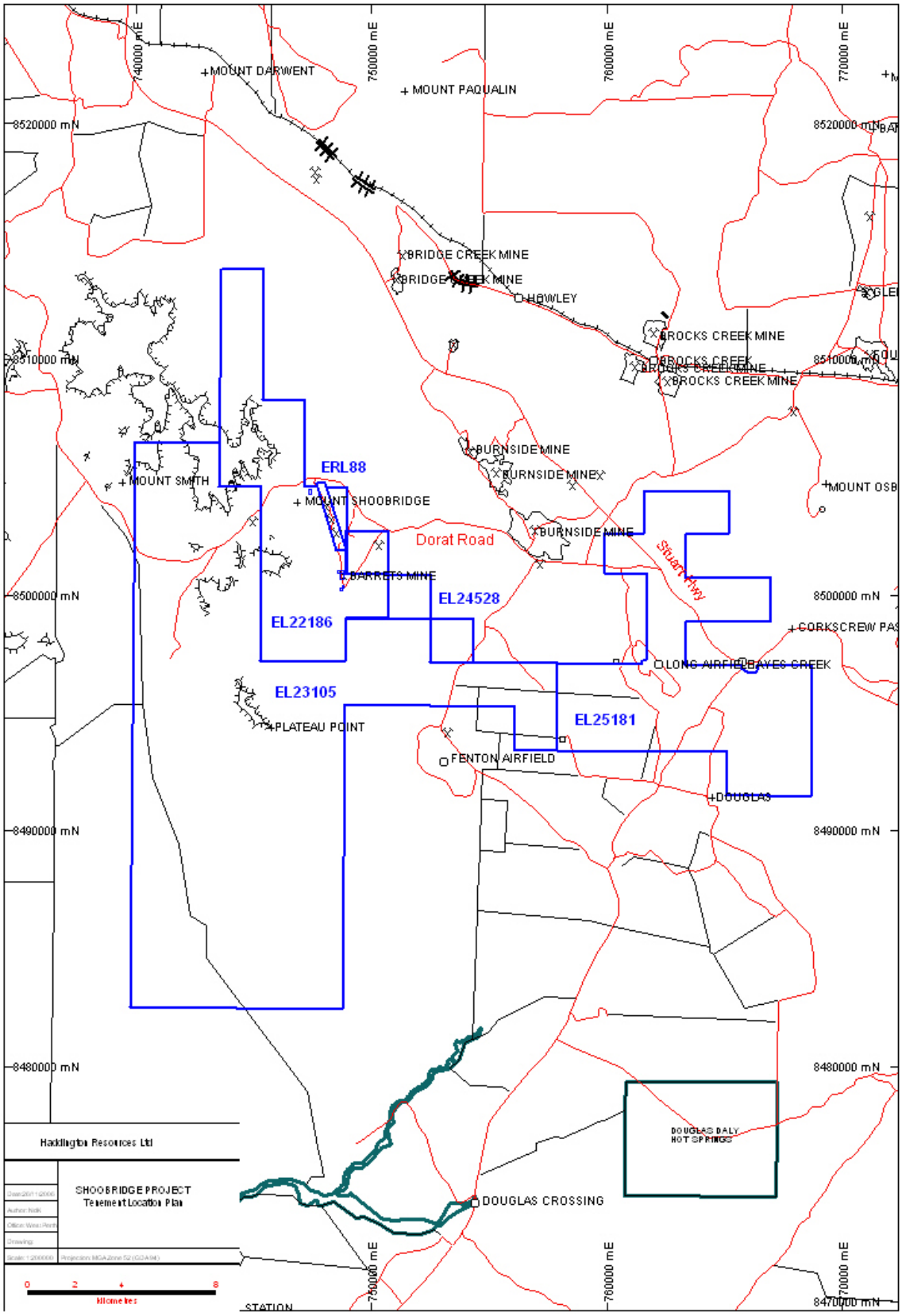

Figure 1. Shoobridge Project - Tenement Location Plan

5. LOCAL GEOLOGY

The project area consists primarily of the Lower Proterozoic Burrell Creek Formation (feldspathic metagreywackes, minor lenses of volcanilithic pebble conglomerate, laminated phyllite, slate and mudstone), and the underlying Mt Bonnie Formation of the South Alligator Group (interbedded carbonaceous slate, phyllite, mudstone and siltstone; feldspathic meta-greywacke and ferruginous phyllite (metasiltstone) with chert bands, lenses and nodules).

The Wildman Siltstone crops out within the western outcrop area of the Fenton Granite (EL23105), and in the core of the Howley Anticline (EL25181 and EL23105). Within the Fenton Granite, the formation is incorporated as rafts associated with the Plateau Point fault assemblage. A number of prospects (including Gold Ridge open pit), are located within these rafts, and are prospective for polymetallic vein style mineralisation.

The Middle Proterozoic Shoobridge Granite lies completely within EL22186, and intrudes the sediments of the Burrell Creek Formation. Numerous prospects proximal to the Shoobridge Granite display potential for polymetallic Cu, Pb, Zn and Ag vein mineralisation (these include the Full Hand, Jacksons, Pyromorphite and Phillip Greets prospects).

The Shoobridge Granite is also considered to be the parent granite to the pegmatites of the Shoobridge pegmatite field (Frater, 2005), which includes the Barretts, Plateau Point, Chinese, Halls, Halls Creek (unnamed?), and Old Company (Mount Shoobridge) Pegmatites.

Two parallel, north-south trending faults (the Plateau Point and Shoobridge Faults) cross cut the Project area. These regional faults may have provided the structural control for pegmatite intrusion (Barrett's, Hall's and Chinese all occur immediately west of the Shoobridge Fault, whilst the Carruthers pegmatite is located immediately west of the Plateau Point Fault).

According to Frater (2005), Barretts pegmatite is irregular in outline, intertonguing with, and containing blocks of country rock. Fifteen percent of the pegmatite body is considered to include xenoliths of country rock (high grade pockets of ore are commonly on the contact of country rock). The pegmatite dips to the northeast at an average of 30^{o}, with most shafts, costeans and pits less than 7 m deep. The only recorded production from Barretts is 117 t of tin concentrate that was won prior to 1910.

The Chinese pegmatite is located approximately 1 km north of Barretts. Workings consist of collapsed pits and costeans. One 45m long, deep costean has exposed a 7m wide pegmatite, with sharp contacts that are conformable to bedding. Mineralisation appears to have been concentrated on the wall and border zone of the pegmatite, as shafts have been sunk on this zone. Average Ta values from 4 grab samples taken by Frater (2005), returned 116ppm Ta, and 2,355ppm Sn.

The Halls pegmatite lies on the same line of pegmatites as Chinese and Barretts, and is located approximately 200m north of the Chinese workings. Blanchard (1937) reported that Halls was a 2m wide greisen lode, worked for its high grade, however no details of production are available. Today, the prospect consists of four collapsed pits, 4-5m wide and approximately 4m deep, on a line trending 020o over a strike distance of 30m. Average results of two grab samples taken from the prospect by Frater (2005) returned 124ppm Ta and 203ppm Sn.

South of Plateau Point, the Plateau Point Fault assemblage consists of a north-northwest-trending bifurcating and en echelon series of major faults, each up to 8km in length, tributary to a principal fault which parallels the Mount Shoobridge fault. These faults displace early Proterozoic metasediments and Fenton Granite. The Wildman Siltstone is displaced against the Koolpin Formation, the fault zone being characterised by sheared phyllites, abundant quartz blows and numerous contorted pegmatites.

Within the Fenton Granite, the principal fault extends some 10 km south of Plateau Point and is recognised by a prominent narrow quartz or quartz-hematite-capped ridge.

The Plateau Point Pegmatites are confined to the older rocks of the Mount Partridge Group, and intrude the Wildman Siltstone, immediately southeast of Plateau Point. The pegmatites can be traced 3.3 km south-southwest from the scree slopes of Plateau Point, to the edge of the Fenton Granite, and occur within or close to the margin of the Plateau Point Fault.

The pegmatites consist of coarse grained K-spar, microcline, perthite, plagioclase, quartz and muscovite, with accessory garnet and tourmaline. Interlayered meta-sediment and pegmatite widths are between 1m and 10m and overall the mixed unit attains widths of up to 230m.

In the northern section of EL23105, the K-Mesa prospect consists of a flat-lying a Cretaceous mesa, approximately 2km in length and 1km in width, displaying stratabound, supergene iron enrichment. Rock chip samples have assayed up to 57.6% Fe; average P content was ~0.5%.

The McLeans Prospect (abandoned mine) is located on a north-easterly trending ridge which continues northeast from the centre of K-Mesa. Mn-rich talus boulders around the Cretaceous mesa were hand-picked and sent to Rum Jungle for use as an oxidiser to process the uranium ore mined during the 1950's and 1960's.

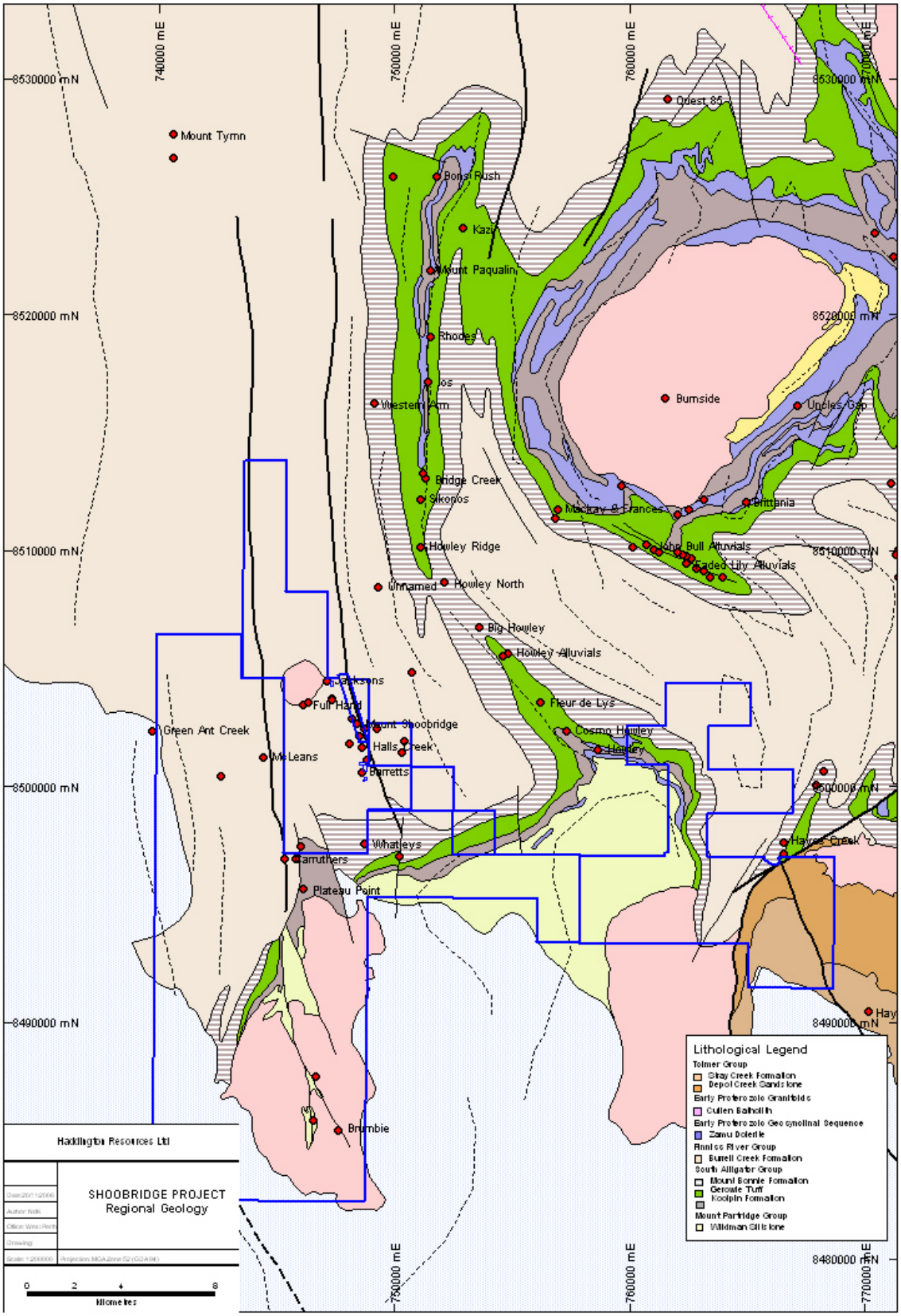

Figure 2. Shoobridge Regional Geology

6. PREVIOUS EXPLORATION

Tin was first discovered at Shoobridge by *George Barrett* in 1882. Since that time mining has primarily been confined to shallow alluvial and small lode underground mining at the Old Company Mine.

United Uranium Pty Ltd carried out an exploration program in search of tin, lead and copper over the property in the 1960's.

From 1983 to 1986, *Talmina Trading* carried out stream and soil sampling. Cassiterite, tantalite and tapiolite were identified, including the identification of tantalite in streams south of recognised pegmatite loads.

Barretts has been explored by various parties, and Blanchard (1937) estimated that it contained a total of 237,000 tonnes of mineralised pegmatite to a depth of 30m. Total recorded production from Barretts (1968) consisted of 117 tonnes of tin concentrate.

In 2001 Julia Corporation drilled 40 RC holes on 14 traverses at Barretts. The best intercept was 11m @ 270g/t Ta_2O_5 from 20m in BARC04. Julia announced a preliminary resource of approximately 280,000 tonnes to a depth of 60m at a grade of 125g/t Ta_2O_5 and 380g/t SnO_2.

7. PREVIOUS EXPLORATION – HADDINGTON RESOURCES LTD

In September 2007 three days were spent mapping and sampling the Phillip Greets prospect.

The workings consist of a number of north trending pits and shafts extending over 600m and sunk in micaceous schists near the contact with banded ferruginous quartzites. The country rock trends NNW, dipping both to the NE and SW.

A large fissure striking 190^{o}/85W is exposed for a length of 300m with an average width of 1m. It was worked between 1901 and 1912, and a large number of shafts were sunk to water level with a few beyond. The deepest shaft is about 50m and a 23m drive was run north from this depth. The ore has been completely removed by overhead stoping so that the lode is today practically a trench.

The prospect was discovered by a prospector named Holland in 1901. Holland took 10 tons of good ore and abandoned the show in 1902. Phillip Greets worked the mine between 1903 and 1911. It is estimated that about 350 tons of copper ore was extracted. The mine was abandoned because of the incapacity of a small inferior 5 inch pump to lift the water to surface.

Malachite and lesser azurite are the main minerals observed on the dumps, with minor chalcocite.

A total of eight rock chip samples were collected to evaluate the dumps surrounding the old workings. Samples were sent to Kalgoorlie Assay Laboratories in Midvale Perth and assayed for As, Au, Th, U, Cu, Fe, K, Pb and Zn.

Six samples were found to contain anomalous copper values ranging from 468ppm Cu to 8,829 ppm Cu, with an average grade of 3,400ppm Cu (Figure 3). The highest values were from the old working located in the central and southern zones, 8,829ppm Cu and 5,489ppm Cu respectively.

Sample No.	As (ppm)	Au (ppm)	Th (ppm)	U (ppm)	Cu (ppm)	Fe (%)	K (ppm)	Pb (ppm)	Zn (ppm)
109340	256	0.00	14	17	8828	5.93	26023	38	36
109341	910	0.01	15	19	7992	12.18	28822	20	32
109342	107	0.01	7	3	3126	4.41	13693	106	18
109343	17	0.00	14	3	1308	0.77	23341	9	17
109344	80	0.07	13	4	468	3.95	21100	8	12
109345	1	0.00	1	0	16	1.00	1102	21	10
109346	51	0.00	21	6	183	1.40	29164	11	28
109347	483	0.02	10	13	5489	2.94	23602	17	21

Table 2. 2007 Rock Chip Results

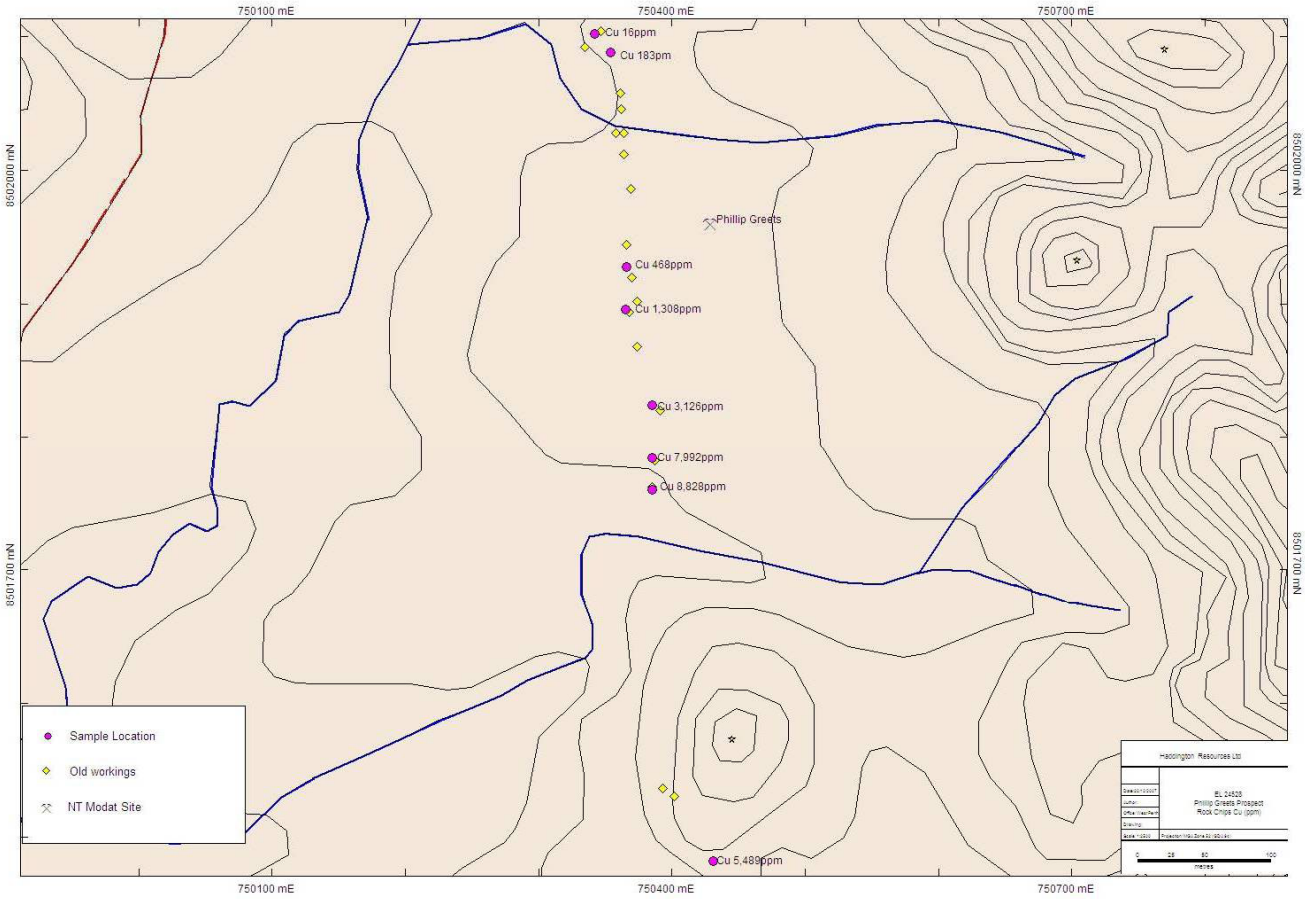

Figure 3. Phillip Greets Prospect 2007 Rock Chip Locations.

8. CURRENT EXPLORATION – HADDINGTON RESOURCES LTD

Exploration completed during the reporting period included rock chip sampling and RC drilling at the Phillip Greets copper mine.

8.1. Rock Chip Sampling

During the reporting period, a number of rock chip samples were taken from the Phillip Greets and Pyromorphite prospects.

8.1.1. Phillip Greets

Encouraging results for copper were returned from mullock heaps (quartz-malachite-azurite veined sediments), with up to 31.1% Cu from sample 110285. Results are outlined in the table below, and displayed in Figure 4.

Sample No	Comment	Cu ppm	Cu %	Ag ppm	As ppm	Au 1 ppb	Pb ppm	Zn ppm
110278	Malachite and Azurite from dumps	250182	25.0	40	94	182	441	13
110279	Mullock grab sample sheared grey seds silicified no visible mineralisation	1984	0.2	1	121	2	125	21
110280	Mullock grab sample from 2nd pit, brown seds, silicified, minor malachite on fracture surfaces	8735	0.9	11	236	9	8594	13
110281	Brown seds with malachite on fracture surfaces, mullock from 3rd pit	20442	2.0	2	455	15	89	13
110282	Mullock grab from pit 4 , grey seds with malachite on joint surfaces	16482	1.6	5	175	33	125	8
110283	Mullock from pit 4, grey silicified seds with malachite on joints	19402	1.9	6	161	33	232	10
110284	Grey fine laminated silicified sediments on side of hill	495	0.0	2	23	4	361	3
110285	Malachite from dump beside pit	311082	31.1	89	505	156	330	18
110286	Grey seds from mullock heap, micaceous silicified no visible malachite	595	0.1	6	54	1	112	11
110287	Grey silic seds. Mal+azurite on joint surfaces, Fe and Lim rich -managanese	34962	3.5	6	224	27	30	15
110288	Mica schist from mullock in shallow pit no visible mineralization	354	0.0	0	17	1	364	40
110289	Mullock grab from deep 5m pit no visible mineralisation laminated silicified sediments minor micro platey heamatite veins	256	0.0	1	28	2	129	7
110290	Mullock grey sheared sediments no silica, very minor mal on joints	929	0.1	0	34	1	563	18
110291	GY seds, cooked minor ma in veins and fractures	2756	0.3	1	67	6	948	15
110292	Mullock from pit, GYBR, sediments with moderate ma.	26032	2.6	2	168	27	92	5
110293	Silicified sediment, grey, very hard, very minor malachite on surfaces	2133	0.2	1	200	19	237	5
110294	Mullock bleached sediments ma on fractures in vughs	11472	1.1	1	104	23	9	9
110295	Mullock malachite veined grey sediments	19222	1.9	1	354	13	41	11
110296	Malachite veined grey sediments	32602	3.3	3	256	34	112	8
110297	Malachite veined sediments, sheared	80142	8.0	9	445	39	108	9
110298	Bleached white sediments no visible mineralisation	303	0.0	0	53	5	85	7
110299	Vein qtz bleached white mullock	715	0.1	1	7	7	50	6
110300	Mullock sample green grey seds iron limonite rich	2299	0.2	0	51	9	18	29

Table 3. 2008 Rock chip results – Phillip Greets.

8.1.2. Pyromorphite

Pyromorphite consists of four shallow caved in shafts sunk on a ferruginous quartz vein containing secondary lead minerals (cerussite, anglesite, pyromorphite and relict galena). The vein extends for 150m and is generally less than 1m wide. There is a small smelting furnace nearby.

One shaft, originally 3.6m deep had been sunk on a 1.2m wide lode containing pyromorphite, cerussite and galena. A pit about 15m southeast of the shaft (country rock and lode strike NW-SE) also contains cerussite and pyromorphite. An additional pit some 15m northwest of the shaft exhibits cerussite, galena and pyromorphite on the dump. About 305m north-northwest of the main show is a small pit in grey, micaceous siltstone with containing cerussite and pyromorphite.

Seven rock chip samples were taken from the Pyromorphite prospect. All samples were highly anomalous in lead (between 2.1 and 14.8% Pb), with lower levels of Zn and Cu. Results are set out in the table below.

Sample No	MGAN	MGAE	Comment	Pb ppm	Pb %	As ppm	Au ppb	Cu ppm	Zn ppm
110065	8502466	749214	sheared micaceous seds, quartz veinlets, alteration halos, small 1m deep x 2m x2m pit	20723	2.1	312	6	177	220
110066	8502468	749221	Gossanous quartz vein. Yellow cubic pyromorphite, black botryoidal mineral infilling vughs, high SG. Mullock Grab sample	138635	13.9	1973	14	403	597
110067	8502454	749214	Gossanous quartz vein. Yellow cubic pyromorphite, black botryoidal mineral infilling vughs, high SG. Mullock Grab sample from 2m deep x 2 x 2m pit	82331	8.2	2099	3	187	525
110068	8502448	749214	Gossanous quartz vein. Yellow cubic pyromorphite, black botryoidal pyromorphite infilling vughs, high SG. Mullock Grab sample from 2m deep x 2 x 2m pit	52437	5.2	748	13	639	570
110069	8502440	749217	Gossanous quartz vein. Yellow cubic pyromorphite, black botryoidal pyromorphite infilling vughs, high SG. Mullock Grab sample from 2m deep x 2 x 2m pit	120530	12.1	3392	10	316	381
110070	8502438	749215	Sheared Grey mic seds, qtz and fe veinlets, heavy	113050	11.3	728	4	200	704
110071	8502468	749183	Grey slag from stone chimney	148495	14.8	4865	159	132	438

Table 4. Rock Chip results – Pyromorphite.

8.2. RC Drilling

Eight RC holes were initially planned to test for massive sulphide mineralisation below the shallow workings and mine shafts at the Phillip Greets prospect. In late September 2008, Johannsen Drilling completed six holes for 700m (collar details are outlined in Table 5) using a SuperRock 5000 RC rig.

Each metre was split, sampled and magnetic susceptibility readings recorded. Samples were sent to KalAssay Laboratories in Perth for U, Th, K, Au, Cu, As, Pb, Zn and Fe analysis. Detection limits and laboratory details are set out in Appendix 10. Standards (GBM-999-3) were included at specific intervals. Standard details are attached as Appendix 9.

Of the four holes that were planned to test the ground under the main workings, only three RC holes were drilled (PGRC001 to PGRC003) due to lack of encouraging sulphide mineralisation. A series of sandstones, schists and quartzites displaying minor epidote alteration contained fine grained, disseminated pyrite (up to 15%), and very minor chalcopyrite.

An additional four holes were planned on line 8501527mN, 400m to the south. Two holes (PGRC004 and PGRC005) were drilled towards the east in order to test for sulphide mineralisation beneath shallow workings containing abundant copper oxides in sediments. Disseminated pyrite was common in the quartzite horizons (up to 5%), with only very minor chalcopyrite intersected in PGRC004.

Two holes were planned to test the ground 150m to the west, where historic soil sampling by United Uranium in the 1960's delineated a strong north-south trending copper soil geochemical anomaly. Only one hole was drilled (PGRC006), intersecting silicified biotite sandstones containing only trace pyrite.

Results were disappointing with broad intervals containing only slightly anomalous copper levels. Best result was 1m @ 2.09% Cu and 5.8g/t Ag from 104m in PGRC002. Significant results are given in Table 5.

Sections are currently being compiled and will be included in next years Annual Report. Drill collar details, lithological logs and assay results are displayed in Appendices 5 to 8.

Hole ID	MGAN	MGAE	RL	Azi	Dip	Depth	Comment
PGRC001	8501925	750339	150	90	-60	120	61m @ 0.04% Cu from surface.
PGRC002	8501924	750315	149	90	-60	120	3m @ 0.08% Pb, 0.01% Cu from 69m. 17m @ 0.28% Cu, 197ppm As, 1.2g/t Ag from 100m (inc 1m @ 2.09% Cu, 5.8g/t Ag from 104m).
PGRC003	8501926	750402	151	270	-60	120	3m @ 0.43% Cu from 42m. 1m @ 2.19% Cu, 3.4g/t Ag, 897ppm As from 73m. 6m @ 0.1% Cu from 144 to EOH.
PGRC004	8501527	750366	151	90	-60	120	21m @ 0.02% Cu from 8m. 6m @ 0.09% Cu, 0.76g/t Ag from 32m. 16m @ 0.1% Cu, 1.5g/t Ag, 378ppm As from 51m
PGRC005	8501525	750322	147	90	-60	120	14m @ 0.02% Cu from 79m. 7m @ 0.17% Cu, 2.6g/t Ag from 99m. 3m @ 0.35% Pb from 115m.
PGRC006	8501529	750186	141	90	-60	100	3m @ 0.2% Pb, 0.12% Zn from 97m to EOH.

Table 5. RC drill collar details and assay summary

750200 mE
750400 mE
750600 mE
8502000 mN
8501800 mN
8501600 mN
PGRC002
PGRC001
PGRC003
PGRC006
PGRC004
PGRC005
Haddington Resources Ltd
Phillip Greets
Rock Chip Location
and Drill Collar Plan
0
25
50
metres
Abandonned Mine
Mullock outline
Pit Outline
HDN 2008 RC Drill Collar
Rock Chip Results
Cu %
27.5 to 31.2 (1)
16.5 to 27.5 (1)
3.5 to 16.5 (1)
2 to 3.5 (4)
0.9 to 2 (4)
0 to 0.9 (20)

9. CONCLUSIONS / RECOMMENDATIONS

RC drilling at the Phillip Greets copper mine yielded disappointing results. No massive sulphide mineralisation was intersected beneath the copper-oxide lode mined in the early 1900's. It is thought that the lode represents hypogene copper enrichment (malachite and azurite) of sediments. No further work is recommended for the prospect.

Encouraging rock chip results from Pyromorphite require further investigation including mapping, additional rock chip sampling and possibly soil sampling.

8. REFERENCES

Blanchard, R., 1937, Report on Mount Shoobridge tin. Anglo-Queensland Mining. Northern Territory. Northern Territory *Geological Survey, Open File Company Report* CR1937-0003.

Frater, K.M., 2005, Tin-tantalum pegmatite mineralisation in the Northern Territory. *Northern Territory Geological Survey*, Report 16.

Perrino, F.A., 1967, Preliminary Report – Iron Investigations, Shoobridge N.T., *United Uranium N.L.*

APPENDIX 1.

EXPENDITURE STATEMENT 2008

APPENDIX 2

SURFACE SAMPLE LOCATIONS

Sample No	Samp Type	Fraction	Weight Kg	MGAN	MGAE	Grid ID	Date	Sampler	Prospect	Tenement	Company	Comment
110278	RCP	Whole	3	8501542	750378	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Malachite and Azurite from dumps
110279	RCP	Whole	3	8501542	750389	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Mullock grab sample sheared grey seds silicified no visible mineralisation
110280	RCP	Whole	3	8501528	750390	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Mullock grab smaple from 2nd pit, brown seds, silicified, minor malachite on fracture surfaces
110281	RCP	Whole	3	8501530	750394	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Brown seds wil malachite on fracture surfaces, mullock from 3rd pit
110282	RCP	Whole	3	8501484	750425	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Mullock grab from pit 4 , grey seds with malachite on joint surfaces
110283	RCP	Whole	3	8501488	750434	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Mullock from pit 4, grey silicified seds with malachite on joints
110284	RCP	Whole	3	8501518	750436	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Grey fine laminated silicified sediments on side of hill
110285	RCP	Whole	3	8501760	750380	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Malachite from dump beside pit
110286	RCP	Whole	3	8501764	750389	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Grey seds from mullock heap, micaceous silicified no visible malachite
110287	RCP	Whole	3	8501782	750384	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Grey silic seds. Mal+azurite on joint surfaces, Fe and Lim rich -managanese
110288	RCP	Whole	3	8501820	750396	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Mica schist from mullock in shallow pit no visible mineralization
110289	RCP	Whole	3	8501828	750383	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Mullock grab from deep 5m pit no visible mineralisation laminated silicified sediments minor micro platey heamatite veins
110290	RCP	Whole	3	8501884	750370	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Mullock grey sheared sediments no silica, very minor mal on joints
110291	RCP	Whole	3	8501892	750370	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Grey sediments, cooked minor malachite in veins and fractures
110292	RCP	Whole	3	8501902	750377	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Mullock from pit, grey brown, sediments with moderate malchite
110293	RCP	Whole	3	8501924	750372	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Siliicified sediment, grey, very hard, very minor malachite on surfaces
110294	RCP	Whole	3	8501946	750375	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Mullock bleached sediments malachite on fractures in vughs
110295	RCP	Whole	3	8501986	750357	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Mullock malachite veined grey sediments
110296	RCP	Whole	3	8502016	750352	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Malachite veined grey sediments
110297	RCP	Whole	3	8502048	750358	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Malachite veined sediements, sheared
110298	RCP	Whole	3	8502074	750351	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Bleached white sediments no visible mineralisation
110299	RCP	Whole	3	8502104	750353	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Vein qtz bleached white mullock
110300	RCP	Whole	3	8502100	750353	MGA94	18.07.2008	NDK/SA	Phillip Greets	EL24528	HDN	Mullock sample gren grey seds iron limonite rich
110065	RCP	Whole	3	8502466	749214	MGA94	30.05.2008	NDK/SA	Pyromorphite	EL24528	HDN	sheared micaceous seds, quartz veinlets, alteration halos, small 1m deep x 2m x2m pit
110066	RCP	Whole	3	8502468	749221	MGA94	30.05.2008	NDK/SA	Pyromorphite	EL24528	HDN	Gossanous quartz vein. Yellow cubic pyromorphite, black botryoidal mineral infilling vughs, high SG. Mullock Grab sample
110067	RCP	Whole	3	8502454	749214	MGA94	30.05.2008	NDK/SA	Pyromorphite	EL24528	HDN	Gossanous quartz vein. Yellow cubic pyromorphite, black botryoidal mineral infilling vughs, high SG. Mullock Grab sample from 2m deep x 2 x 2m pit
110068	RCP	Whole	3	8502448	749214	MGA94	30.05.2008	NDK/SA	Pyromorphite	EL24528	HDN	Gossanous quartz vein. Yellow cubic pyromorphite, black botryoidal pyromorphite infilling vughs, high SG. Mullock Grab sample from 2m deep x 2 x 2m pit
110069	RCP	Whole	3	8502440	749217	MGA94	30.05.2008	NDK/SA	Pyromorphite	EL24528	HDN	Gossanous quartz vein. Yellow cubic pyromorphite, black botryoidal pyromorphite infilling vughs, high SG. Mullock Grab sample from 2m deep x 2 x 2m pit
110070	RCP	Whole	3	8502438	749215	MGA94	30.05.2008	NDK/SA	Pyromorphite	EL24528	HDN	Sheared Grey mic seds, qtz and fe veinlets, heavy
110071	RCP	Whole	3	8502468	749183	MGA94	30.05.2008	NDK/SA	Pyromorphite	EL24528	HDN	Grey slag from stone chimney

APPENDIX 3

SURFACE SAMPLE GEOCHEMISTRY

Sample No	Ag ppm	As ppm	Au 1 ppb	Cu ppm	Fe ppm	K ppm	Pb ppm	Th ppm	U ppm	Zn ppm
110278	39.9	93.6	182	250182	22090	11474	441.3	8.9	6.7	12.5
110279	0.67	121.3	2	1984	40430	51850	125	44.3	12.9	20.8
110280	11.15	236.4	9	8735	42440	17726	8594.4	11.8	8.6	12.8
110281	2.29	454.5	15	20442	58040	20106	88.5	14.6	23.9	13.5
110282	5.01	175.2	33	16482	8783	15007	125.1	7.1	4.9	7.5
110283	5.96	161.1	33	19402	12190	12875	232.3	7.8	5.5	9.5
110284	1.85	22.9	4	495	10420	9868	360.8	5.6	2.6	2.8
110285	88.6	504.9	156	311082	42060	9110	329.8	6.8	24.3	17.7
110286	5.87	53.7	1	595	12940	42549	112.4	22.2	10.5	10.6
110287	5.68	223.8	27	34962	31740	10578	29.7	6.5	10.9	15.3
110288	0.38	17.1	1	354	31870	41993	363.9	17.8	5.7	40.4
110289	0.55	28.2	2	256	53360	25771	128.6	11.2	3.9	6.5
110290	0.42	34	1	929	15130	28964	562.8	18.6	4.6	18.3
110291	1.01	67	6	2756	13350	20312	947.9	20.6	4.0	14.7
110292	1.59	168	27	26032	12910	23927	92	15.4	4.2	4.7
110293	1.3	200	19	2133	20170	22825	236.7	15.8	3.9	5.2
110294	0.63	103.9	23	11472	17650	22567	8.6	13.6	4.3	8.5
110295	0.79	354.4	13	19222	28290	30879	41.2	16.1	6.1	10.7
110296	3.29	255.6	34	32602	21110	27398	111.7	13.2	6.9	8.3
110297	9.31	444.5	39	80142	18850	25987	108.1	13.6	7.1	8.9
110298	0.33	53.2	5	303	7561	29654	85	35.8	5.9	7.5
110299	0.57	6.7	7	715	12050	1305	49.6	0.6	0.2	5.6
110300	0.18	51.3	9	2299	45280	26131	18.4	19.2	7.2	28.7
110065		312	6	177	41693	21727	20723	8.7	8.0	220
110066		1973	14	403	341481	3863	138635	4.7	37.0	597
110067		2099	3	187	68428	2618	82331	2.7	11.7	525
110068		748	13	639	79063	6165	52437	6.7	14.5	570
110069		3392	10	316	43117	8019	120530	6.9	21.1	381
110070		728	4	200	97707	19481	113050	18.7	11.6	704
110071		4865	159	132	53237	18229	148495	13.7	32.2	438

APPENDIX 4

HDN LOGGING CODES

LOGGING CODES MASTER

STRATIGRAPHIC AGE CODE

Q	Quaternery
T	Tertiary
K	Cretaceous
J	Jurassic
TR	Triassic
P	Permian
C	Carboniferous
D	Devonian
S	Silurian
O	Ordovician
CM	Cambrian
PR	Proterozoic
A	Archaean

REGOLITH UNITS

Surficial unconsolidated regolith

R	residual units
T	transported units

Lateritic Duricrusts

DF	ferruginous duricrusts
DO	other duricrusts

Lateritic weathering horizons

LM	Mottled zone
LP	Pallid zone
LU	Upper saprolite, strongly weathered
LL	Lower saprolite, moderately weathered
LW	Saprock, weakly weathered
LV	Very weakly weathered rock

LITHOLOGY- Unconsolidated sediments

RS	Soils, residual, undifferentiated	TL	Transported lacustrine sediments, undifferentiated
RSC	Lithic scree	TLE	Evaporitic sediments
RSR	residual soil with lithic fragments	TLC	Clays
RSS	residual soil, sandy	TLS	Running sands
RSL	residual soil, loam		
RSP	pisolithic loams over lateritic duricrust		
TS	Transported clastic sediments, undiff.	TG	Gravels, undifferentiated
TSG	Colluvium - local (coarse)	TGQ	Gravels, predominantly quartz grit
TSS	Colluvium - sands	TGP	Gravel, pisolithic with clay, silt and sand
TSC	Colluvium - distal (fine clay and silt)	TGL	Gravel, with lithic fragments
TSA	Alluvium		
TSD	Desert dunes		
TSE	Eolian sands		

LITHOLOGY- Intense regolith overprints only

DC	Calcrete (only if 100% destruction of precursor)		
DS	Silcrete (only if 100% destruction of precursor)		
DF	Ironstone, undifferentiated		
DFC	Ferricrete		
DG	Gossan		
DLM	Lateritic duricrust, massive	LX	Solution cavity- Collapse Breccia Fill
DLX	Lateritic duricrust, fragmental		
DLP*	Lateritic duricrust, pisolitic- consolidated		
DLN*	Lateritic duricrust, nodular - consolidated	LC	Saprolitic clays**
	*L= loose		** use only as a last resort!!

NB: Regolith is defined as the weathering overprint on lithology.
Where weathering is intense and precursor destroyed use "LC" in Lithology as a last resort.

LITHOLOGY- Felsic Field

F acid rocks, undifferentiated

Felsic Volcanic Rocks

FV	Felsic volcanic, undifferentiated
FVL	Lava, undifferentiated
FVL*	Lava, porphyritic
FVLA	Lava, amygdaloidal
FVA	Agglomerate, pyroclastic breccia
FVP	Lapillistone (20- 64mm)
FVT	Tuff (<20mm, undifferentiated)
FVT*	Tuff, crystal * = phenocrysts as below
FVTC	Tuff, cherty
FVTW	Tuff, ash fall
FVTW*	Tuff, ash flow with phenocrysts
FVTI	Ignimbrite, composite pyroclastic flow

(* = q,f,a,k,p,h,x,b,m: quartz,feldspar undiff; sodic, potassic,plag,hornblende,pyroxene, biotite, muscovite phenocrysts)

Felsic Intrusive Rocks (med- c grained)

G	Granitiod, undifferentiated	
GR	Granite	
GD	Granodiorite	
GZ	Monzodiorite	
GM	Monzonite	
GS	Syenite	
GT	Tonalite	
GE	Diorite	

Felsic Intrusive Rocks (fine grained)

FI*	Felsic Intrusive, undifferentiated	FP	Felsic, vc grained (pegmatite)
FIQ	Quartz porphyry	FPG	granitic
FIF	Feldspar porphyry	FPGB	", bt bearing
FIQF	Quartz feldspar porphyry	FPGM	", muscovite bearing
FIL	Aplite	FPGL	", lith minerals

(* phenocrystic phases as per felsic field)

* tourmaline, garnet, beryl, fluorite, lepidolite, spodumene, apatite, topaz

Andesitic Field

I intermediate rock, undifferentiated

IV	Andesitic volcanics, undifferentiated	
IVL	Lava, undifferentiated	
IVL*	Lava, porphyritic	
IVLA	Lava, amygdaloidal	
IVA	Agglomerate, pyroclastic breccia	
IVP	Lapillistone (20- 64mm)	
IVT	Tuff (<20mm, undifferentiated)	
IVT*	Tuff, crystal	
IVTC	Tuff, cherty	
IVTW	Tuff, ash fall	
IVTW*	Tuff, ash flow with phenocrysts	
IVTI	Ignimbrite, composite pyroclastic flow	

(* phenocrystic phases as per felsic field)

Intermediate Intrusive Rocks

II*	Intermediate Intrusives, Undifferentiated	
IIH	Hornblende porphyry	
IIF*	Feldspar porphyry	
IIP	Intermediate pegmatite	

(* phenocrystic phases as per felsic field)

Mafic Rocks

M Mafic undifferentiated

Mafic Intrusives

MO	Mafic intrusive, undifferentiated	
MOD	Dolerite	
MOG	Gabbro	
MON	Norite	
MOGN	Gabbro Norite	
MOGQ	Quartz Gabbro	
MOGG	Granophyre	
MOGZ	Monzo Gabbro	
MOT	Troctolite	
MOA	Anorthosite	
MOP	Mafic pegmatite	

(* l= leuco, s= meso, m= melano- cratic)

Mafic volcanics

MV	Mafic volcanic, undifferentiated	
MVT	Tholeiitic lava	
MVTP	Tholeiitic lava, pillowed	
MVTV	Tholeiitic lava, vesicular	
MVTX	Tholeiitic vent breccia, flow top or pillow breccia	
MVTT	Tholeiitic tuff, ash fall	
MVK	Komatiitic basalt undiff.	
MVKX	Komatiitic basalt, pyroxene spinifex	
MVKV	Komatiitic basalt, variolic textured	
MVKAC	actinolite- chlorite schist after hi mag basalt	

Ultramafic Rocks

U Ultramafic undifferentiated

Ultramafic Intrusives

UP	Ultramafic Intrusives, undifferentiated	
UPD	Peridotite	
UPN*	Dunite	
UPX*	Pyroxenite	
UPO*	Wehr-; Hartzburg-; Lherzo- li	
UPH	Horneblendite	

(* = o,c,w,n: opx,cpx,webster

Ultramafic Volcanics

UK	Ultramafic volcanic, undifferentiated	
UKX	Spinifex Textured, undifferentiated	
UKXC	Chilled flow top breccia (A1 zone)	
UKXF	Fine grained feathery texture (A2 zone)	
UKXB	Coarse grained bladed texture (A3 zone)	
UKC	Cumulate, undifferentiated	
UKCB	B1 zone- aligned hopper olivine	
UKCO	Orthocumulate olivine	
UKCM	Mesocumulate olivine	
UKCA	Adcumulate olivine	
UKCOS	Olivine-sulphide cumulate	
UKCS	Sulphide cumulate	

Metamorphic equivalents (low CO2, inc. MgO)

UKAC	Tremolite-Chlorite rock
UKACS	Trem-Chlor- Serp rock
UKS	Serpentinite

Metamorphic equivalents (high CO2, inc. MgO)

UKTAC	Talc-Trem-Chlorite(+/- Carb) rock
UKTC	Talc Chlorite
UKTS	Talc- Serp rock
UKTM	Talc-Magnesite rock
UKTD	Talc-Dolomite rock

Sedimentary Rocks

Chemical Sediments

C	chemical sed., undifferentiated	
CH	Chert	
CB	Calcareous Rocks (>50% Carb), undifferentiated	
CBC	Limestone	
CBD	Dolomite	
CBM	Marl	
CE	Evaporitic rocks, undifferentiated	
CES	Sulphates	
CEH	Halides	
CI	Banded iron formation, undiff.	
CIF	Ferruginous iron formation	
CIC	Carbonate iron formation	
CIS	Sulphide iron formation	
CIJ	Jasperlitic iron formation	
CIA	Amphibole iron formation	

Clastic Sediments, Organic

SO	sediments, organic	
SOL	lignite	
SOS	spongolite	
SOF	fossiliferous sediments	
SB	Sedimentary breccia	
ST	Composite turbidite succession	
SA/SL	Sub-metre scale interbedded sand/silt	

Clastic Sediments

S	Clastic sediment, undifferentiated	
SC	Conglomerate, undifferentiated	
SCP	Conglomerate, polymictic	
SCB	Conglomerate, clf cobble dominated	
SCT	Conglomerate, glacial origin	
SCO*	Oligomictic, clasts as below	

(*=gr,ap,ip,mo,av,iv,mv,uk,up,s,q as appropriate)

SA	Sandstone, undifferentiated	
SAQ	Quartzite	
SAK	Arkose	
SAL	Lithic rock, undifferentiated	
SAC	Calcite Bearing	
SAD	Dolomite Bearing	
SAG	Greywacke	
SAV*	volcaniclastic sand, *provenance indicated b	

(*f, i, m, u, l: felsic, intermediate, mafic, ultramafic, lithic un

SL	Silts, undifferentiated	
SLC	Calcite Bearing Silt	
SLD	Dolomite Bearing Silt	
SLV*	volcaniclastic silt, *provenance indicated be	

(*f, i, m, u, l: felsic, intermediate, mafic, ultramafic, lithic un

SH	Shales, undifferentiated	
SHB	Black Shale	
SHS	Sulphidic Shale	
SHSY	Pyritic Sulphidic Shale	
SHSO	Pyrrhotitic Black Shale	
SHC	Calcite Bearing Shale	
SHD	Dolomite Bearing Shale	
SW	Greywacke, undifferentiated	

Use the COMMENTS column to note actual percentage of veining and mineralisation, note anything unusual, excessive water flows, drilling problems geological contacts etc. NB. If a particular rock does not fit easily into the Lithology codes or there are some unusual features about the rock, assign the closest code and add suffix "&" to denote that extra comments are recorded in the COMMENTS column. You then must use COMMENTS to describe the unusual features of the rock.

METAMORPHIC AND OTHER ROCKS OF UNKNOWN OR OBSCURE AFFINITY

XGR	Granulite, undifferentiated	XM	Amphibolite, Undifferentiated	XK	Skarns, undifferentiated
XGRF*	Felsic Granulite	XMA	hb-fs rock	XKH	Hornfels
XGRM*	Mafic Granulite	XMH	Horneblendite	XKHM	Hornfelsed Mafic
XGRC*	Charnokite	XMG	hb-fs-gn rock	XKHA	Hornfelsed Arenite
XGR#	# = ox (opx), c (cpx), gn (garnet)	XMHG	hb-gn rock	XKHH	Hornfelsed Argillite
				XKG	Garnet Skarn
				XKHG	Horneblende Garnet
XGN	Gniess, undifferentiated	XS	Schists, undifferentiated	XKPG	Pyroxene Garnet
XGNF*	Felsic Gneiss	XSF	felsic, undiff.		
XGNM*	Mafic Gneiss	XSF*#	feldspar- *- #	XCS	Calc silicate rocks
XGNG*	Granitic Gneiss	XSQF*#	quartz-feldspar- *- #		
XGNR*	Granodioritic Gneiss	XSC#	chlorite	XP	Psammite
XGNT*	Tonalitic Gneiss	XSB#	biotite	XPE	Psammo- Pelite
XGNM*	Migmatite	XSM#	micaceous	XE	Pelite
* = bi biotite, gn garnet, hn horneblende etc		XSMA#	mafic	XN	Greisen
		(*= ch chlorite, bi biotite, mu muscovite, s sericite)			
		(# = gn garnet, st staurolite, cd corderite, hn horneblende, ad andalucite, ky kyanite)			

OTHER ROCKS

Alkaline

KC	Carbonatite
KK	Kimberlite
KL	Lamprophyre

Tectonites

YF	fault gouge
YM	Mylonite
YMQ	Quartz Mylonite
YMS	Sericite Mylonite
YMQF	Quartx-Feldspar Mylonite
YBR	Breccia
YBRQ	Breccia - quartz

Veining (where 100% of interval)

V	Veining

with vein minerals in "Veining" fields

Mineralisation & Alteration (where 100% of the rock mass)

ZS	Sulphide, undifferentiated
ZPY	Pyrite
ZPO	Pyrrhotite
ZPP	Pyrite- Pyrrhotite
ZPN	Pyrrhotite- Pentlandite
ZMP	Millerite- Pyrite
ZSG	Sphalerite- Galena
ZCL	Chalcocite
ZCP	Chalcopyrite

Voids, core loss and culture

W	void, undifferentiated
WS	stope
WL	core loss
WB	backfill
WM	mullock

ALTERATION

Logged by mineral phase, in order of decreasing percentage. Use regolith codes first if multiple events. Use sulphide phases as well as in mineralisation. Full list of mineral codes in master list

Intensity

v	Very weak	0- 5%	SI	Silica	EP	Epidote
w	Weak	5- 20% replacement	KF	K Feldspar	TL	Talc
m	Moderate	20- 60% replacement	AB	Albite	SR	Serpentine
s	Strong	60- 95% replacement	AC	Actinolite	TM	Tremolite
i	Intense	>95% replacement	DP	Diopside	MS	Magnesite
Type			HB	Hornblende	RG	Rodingite (NB:
RHP	Hardpan		SH	Sphene/ Titanite	SU	Saussurite
RFE	Iron (undiff, regolith related)				FU	Fuchsite
RGO	Goethite (regolith related)		SE	Sericite		
RHE	Hematite (regolith related)		CH	Chlorite	PY	Pyrite
RMN	Manganese (regolith related)		MU	Muscovite	PO	Pyrrhotite
RSI	Silica (regolith related)		BI	Biotite	AS	Arsenopyrite
RCB	Carbonate (regolith related)		PH	Phlogopite	MO	Molybdenite
RJA	Jarosite (regolith related)				CP	Chalcopyrite
RKA	Kaolinite (regolith related)		KA	Kaolinite	SP	Sphalerite
			CB	Carbonate	GN	Galena
HE	Hematite		CC	Calcite		
GO	Goethite		AK	Ankerite		
MG	Magnetite		DO	Dolomite		
			SD	Siderite		

SAMPLE QUALITY - RC and Aircore Drilling

g	good quality sample
m	moderate qualitysample
p	poor quality sample

WATER RETURN - RC and Aircore Drilling

d	Dry Sample
m	Damp Sample
w	Wet Sample
f	High Water Flow

SAMPLE RECOVERY - RC and Aircore Drilling

% As logged, in increments of 10

GRAIN SIZE

a	not visible in 10x lense
vf	<0.2 mm
f	0.2- 0.5 mm
m	0.5- 2.0mm
c	2.0- 4.0 mm
vc	>4.0 mm

COLOUR

(Include one Intensity and up to two Hues)

Intensity

l	Light (Pale)
m	Medium
d	Dark

Hue:Colour

BK	Black (Noir)
BR	Brown (Umber)
BU	Blue
PP	Purple
RD	Red
PK	Pink
YE	Yellow
OR	Orange
GN	Green
GY	Grey
WH	White
KH	Khaki
CR	Cream
PP	Purple

FABRIC TYPE

(Include both Intensity and type)

Intensity

n	Massive	
r	Relict fabric, strength unknown	
v	Very weak	<10% recrystallisation
w	Weak	10- 30% recrystallisat
m	Moderate	30- 60% recrystallisat
s	Strong	60- 90% recrystallisat
i	Intense	>90% recrysallisation

Type

fo	Foliation (foliated fabric, undiff.)
sc	Schistosity (pure shear fabric)
sh	ShearFabric (Simple shear fabric)
ln	Lineated
lm	Laminated
rx	Recrystallised
br	Brecciated
bd	Bedding
fg	fault gouge
ma	massive

HARDNESS CODES

S	Unconsolidated soil	
0	Extremely Weak Rock	Indented by thumbnail
1	Very Weak Rock	Peeled by pocket knife
2	Weak Rock	Shallow indentations by hammer point
3	Medium strength rock	Fractured with single blow of hammer
4	Strong Rock	Fractured with more than one hammer blow
5	Very Strong Rock	Fractured with many blows
6	Extemely Strong Rock	Only chipped with hammer

WEATHERING

(Is implicit in the Regolith codes, as listed below)

CW	Completely Weathered	All duricrusts,LM, LP, LU
SW	Strongly Weathered	LL
MW	Moderately Weathered	LW
PW	Partially Weathered	LV
FR	Fresh	

VEINING

Described by the vein min. assemblage, volume and texture, as listed in the attached sheet.

Q	quartz
QC	quartz calcite
QP	quartz pyrite
QA	quartz albite
QAA	quartz albite arsenopyrite
QX	quartz axinite
QFD	quartz feldpar diopside
QF	quartz feldsapar
QFB	quartz feldpar biotite
CC	calcite

Percentage: volume as logged

Texture

mas	massive
lam	laminated
coc	cockade
com	comb
shr	shear
crx	cryptocrystalline
rcx	recrytallised

MINERALISATION

Described by the mineral and % of that mineral in rock; 3 minerals max.
Then by mineralisation style

Mineral

au	Gold
sf	Oxidised sulphide, undifferentiated
py	Pyrite
cp	Chalcopyrite
sp	Sphalerite
gn	Galena
pn	Pentlandite
po	Pyrrhotite
as	Arsenopyrite
mo	Molybdenite
ja	Jarosite
mr	Millerite
vl	Violarite
bn	Bornite

And other minerals as per the standard list.

Style

GOS	Gossanous		
MAS	Massive		
MTX	Matrix	(40- 80%, mag	
DS	Disseminated	(5- 40%, magn	
CLD	Cloud	(1-5%, magma	
VN	Vein		
ST	Stringer/ stockwork		
VR	Vein and selvedge		
VS	Vein selvedge only		
RP	Replacement		
LAM	Laminated/banded		
RM	Remobilised		
BX	Brecciated		

Percentage as logged >= 0.5%;
trace= 0.2%

APPENDIX 5

2008 RC DRILL COLLAR DETAILS

Hole ID	Hole Type	MGAN	MGAE	Grid ID	RL	Azi	Dip	Depth	Date Start	Date Finish	Prospect	Tenement	Company	Drilling Company	Comment	Logger	Sampler
PGRC001	RC	8501925	750339	GDA94	150.00	90	-60	120	17.09.08	18.09.08	Phillip Greets	EL24528	HDN	Johannsen	61m @ 0.04% Cu from surface.	NDK	AK
PGRC002	RC	8501924	750315	GDA94	149.40	90	-60	120	18.09.08	18.09.08	Phillip Greets	EL24528	HDN	Johannsen	3m @ 0.08% Pb, 0.01% Cu frp, 69m. 17m @ 0.28% Cu, 197ppm As, 1.2g/t Ag from 100m (inc 1m @ 2.09% Cu, 5.8g/t Ag from 104m).	NDK	AK
PGRC003	RC	8501926	750402	GDA94	150.94	270	-60	120	19.09.08	19.09.08	Phillip Greets	EL24528	HDN	Johannsen	3m @ 0.43% Cu from 42m. 1m @ 2.19% Cu, 3.4g/t Ag, 897ppm As from 73m. 6m @ 0.1% Cu from 144 to EOH.	NDK/SA	AK
PGRC004	RC	8501527	750366	GDA94	150.52	90	-60	120	19.09.08	20.09.08	Phillip Greets	EL24528	HDN	Johannsen	21m @ 0.02% Cu from 8m. 6m @ 0.09% Cu, 0.76g/t Ag from 32m. 16m @ 0.1% Cu, 1.5g/t Ag, 378ppm As from 51m	NDK	AK
PGRC005	RC	8501525	750322	GDA94	146.76	90	-60	120	20.09.08	21.09.08	Phillip Greets	EL24528	HDN	Johannsen	14m @ 0.02% Cu from 79m. 7m @ 0.17% Cu, 2.6g/t Ag from 99m. 3m @ 0.35% Pb from 115m.	NDK	AK
PGRC006	RC	8501529	750186	GDA94	141.40	90	-60	100	21.09.08	22.09.08	Phillip Greets	EL24528	HDN	Johannsen	3m @ 0.2% Pb, 0.12% Zn from 97m to EOH.	NDK	AK

APPENDIX 6

2008 RC DRILL HOLE SURVEY

Hole ID	RL	Azi	Dip	Depth
PGRC001	150.00	90.0	-60	0
PGRC001		73.8	-60.1	110
PGRC002	149.40	90.0	-60	0
PGRC002		78.2	-63.6	110
PGRC003	150.94	270.0	-60	0
PGRC003		282.4	-62	110
PGRC004	150.52	90.0	-60	0
PGRC004		84.0	-57.3	110
PGRC005	146.76	90.0	-60	0
PGRC005		81.6	-53.4	110
PGRC006	141.40	90.0	-60	0
PGRC006		66.1	-54.1	110

APPENDIX 7

LITHOLOGICAL LOGS

Hole ID	From	To	Colour	Grainsize	Hardness	Lith 1	Lith 2	Weathering	Vein	Vein %	Alt 1	Alt1 I	Alt 2	Alt 2 I	Alt 3	Alt 3 I	Min 1	Min 1 %	Min 2	Min 2 %	Min 3	Min 3 %	Min Style	Lithcode	Comments
PGRC001	0	1	RDBR	f	2	SA		MW			MU	W												SA/MU	
PGRC001	1	2	RDBR	f	2	SA		MW																SA	
PGRC001	2	3	RDBR	f	2	SA		MW																SA	
PGRC001	3	4	GNGY	f	1	XS		MW																XS	very soft
PGRC001	4	5	YEBR	f	1	XS		MW																XS	
PGRC001	5	6	YEBR	f	1	XS		SW	Q	20														XS/VQ	
PGRC001	6	7	BR	f	1	XS		SW	Q	20														XS/VQ	
PGRC001	7	8	BR	f	1	XS		SW																XS	
PGRC001	8	9	BR	f	1	XS		SW																XS	
PGRC001	9	10	BR	f	1	XS		SW																XS	small chips in powdery sample
PGRC001	10	11	BR	f	1	XS		SW																XS	small chips in powdery sample
PGRC001	11	12	BR	f	1	XS		SW																XS	small chips in powdery sample
PGRC001	12	13	BR	f	1	XS		SW																XS	small chips in powdery sample
PGRC001	13	14	BR	f	1	XS		SW																XS	small chips in powdery sample
PGRC001	14	15	BR	f	1	XS		HW																XS	small chips in powdery sample
PGRC001	15	16	RDBR	f	2	SA		HW																SA	
PGRC001	16	17	RDBR	f	2	SA		SW																SA	
PGRC001	17	18	YEBR	f	2	SA		SW																SA	
PGRC001	18	19	RDBR	f	4	SAQ		MW																SAQ	
PGRC001	19	20	BRGY	f	4	XS		MW																XS	powder
PGRC001	20	21	BRGY	f	4	XS		MW																XS	powder
PGRC001	21	22	BRGY	f	4	XS		MW																XS	powder
PGRC001	22	23	BRGY	f	4	XS		MW																XS	powder
PGRC001	23	24	BRGY	f	4	XS		MW																XS	powder
PGRC001	24	25	RDBR	m	4	XS		MW																XS	
PGRC001	25	26	RDBR	m	2	SA		MW																SA/sh	
PGRC001	26	27	RDBR	m	2	SA		MW																SA/sh	
PGRC001	27	28	RDBR	m	2	SA		MW																SA/sh	
PGRC001	28	29	RDBR	m	2	SA		MW																SA/sh	
PGRC001	29	30	RDBR	m	2	SA		MW			EP	M												SA/sh/EP	Epidote in Veins
PGRC001	30	31	RDBR	m	4	SAQ		MW			EP	M												SAQ/EP	
PGRC001	31	32	RDBR	m	4	SAQ		MW			EP	M												SAQ/EP	
PGRC001	32	33	RDBR	m	4	SAQ		MW			HE	W												SAQ/HE	
PGRC001	33	34	RDBR	m	4	SAQ		MW																SAQ	
PGRC001	34	35	GNGY	m	4	SAbi		MW																SAbi	
PGRC001	35	36	GNGY	m	3	SAbi		MW																SAbi	
PGRC001	36	37	GNGY	m	3	SAbi		MW																SAbi	
PGRC001	37	38	GNGY	m	3	SAbi		MW																SAbi	
PGRC001	38	39	GNGY	m	3	XSB		MW																XSbi	
PGRC001	39	40	BRGY	f	2	XSB		SW																XSbi	powder sample
PGRC001	40	41	BRGY	f	2	XSB		SW																XSbi	Water Table
PGRC001	41	42	BRGY	f	2	XSB		SW																XSbi	
PGRC001	42	43	GY	f	2	SHB		MW																SHB/sh	graphitic
PGRC001	43	44	GY	f	2	SHB		MW																SHB/sh	graphitic
PGRC001	44	45	GY	m	2	SAbi		MW																SAbi/sh	

Hole ID	From	To	Colour	Grainsize	Hardness	Lith 1	Lith 2	Weathering	Vein	Vein %	Alt 1	Alt1 I	Alt 2	Alt 2 I	Alt 3	Alt 3 I	Min 1	Min 1 %	Min 2	Min 2 %	Min 3	Min 3 %	Min Style	Lithcode	Comments
PGRC001	45	46	GNGY	m	2	SA		MW																SA	
PGRC001	46	47	RDBR	m	2	SA		MW																SA	
PGRC001	47	48	RDBR	m	4	SA		MW																SA	
PGRC001	48	49	GNGY	m	4	SA		PW			EP	M	SI	M			py	3						SA/EP/SI/py3	
PGRC001	49	50	GNGY	m	4	SA		PW			EP	M												SA/EP	
PGRC001	50	51	GNGY	m	4	SA		PW			EP	W	SI	S										SA/EP/SI	
PGRC001	51	52	GNGY	m	4	SA		PW			EP	W	SI	S	HE	W	py	1						SA/EP/SI/HE/py1	
PGRC001	52	53	GN	m	4	SAQ		PW			EP	W												SAQ/EP	pervasive EP alt.
PGRC001	53	54	GN	m	4	SAQ		PW																SAQ	
PGRC001	54	55	PKGY	m	4	SA		PW			EP	W	HE	W	SI	S								SA/EP/HE/SI	Siliceous
PGRC001	55	56	PKGY	m	4	SA		PW																SA	
PGRC001	56	57	PKGY	m	4	SA		PW																SA	
PGRC001	57	58	GNGY	m	4	SA		PW									py	1						SA/py1	
PGRC001	58	59	GNGY	m	4	SA		PW			EP	M												SA/EP	pervasive EP
PGRC001	59	60	GNGY	m	4	SA		PW																SA	
PGRC001	60	61	GNBK	f	4	SA		PW	Q	2							py	2						SA/VQ/py2	
PGRC001	61	62	PKGN	f	2	SA		PW			EP	W					py	2						SA/EP/py2	
PGRC001	62	63	GY	f	2	XSM		PW																XSM	
PGRC001	63	64	GY	f	2	XSM		PW	Q	20														XSM/VQ	Clear WHite quartz
PGRC001	64	65	BKGY	f	2	SHB		PW																SHB	graphitic schist
PGRC001	65	66	BKGY	f	2	SHB		PW																SHB	
PGRC001	66	67	BKGY	f	2	SHB		PW																SHB	
PGRC001	67	68	GNGY	f	4	SA		PW																SA	
PGRC001	68	69	BK	f	3	SHB		PW																SHB	
PGRC001	69	70	BK	f	3	SHB		PW																SHB	
PGRC001	70	71	BK	f	3	SHB		PW																SHB	
PGRC001	71	72	BK	f	3	SHB		PW																SHB	
PGRC001	72	73	GYBK	f	4	SA		PW																SA/sh	
PGRC001	73	74	GYBK	f	4	SA		PW																SA	
PGRC001	74	75	GYBK	f	4	SA		PW																SA	
PGRC001	75	76	GYBK	f	4	SAbi		FR																SAbi/sh	
PGRC001	76	77	GYBK	f	4	SAbi		FR																SAbi/sh	
PGRC001	77	78	GYBK	f	4	SAbi		FR			SI	S												SAbi/SI	
PGRC001	78	79	GYBK	f	4	SAbi		FR			SI	S												SAbi/SI	
PGRC001	79	80	GYBK	f	4	SAbi		FR			SI	S												SAbi/SI	
PGRC001	80	81	GYBK	f	4	SAbi		FR			SI	S												SAbi/SI	
PGRC001	81	82	GYBK	f	4	SAbi		FR			SI	S												SAbi/SI	
PGRC001	82	83	GYBK	f	4	SAbi		FR			SI	S												SAbi/SI	
PGRC001	83	84	GYBK	f	4	SAbi		FR			SI	S												SAbi/SI	
PGRC001	84	85	GYBK	f	4	SAbi		FR			SI	S												SAbi/SI	
PGRC001	85	86	GYBK	f	4	SAbi		FR			SI	S					py	3						SAbi/SI/py3	minor ep veining
PGRC001	86	87	GYBK	f	4	SAbi		FR			SI	S					py	3						SAbi/SI/py3	
PGRC001	87	88	GYBK	f	4	SAbi		FR			SI	S					py	3						SAbi/SI/py3	
PGRC001	88	89	GYBK	f	4	SAbi		FR			SI	S					py	3						SAbi/SI/py3	
PGRC001	89	90	BKRD	f	4	SA		FR			SI	S	HE	M			py	6						SA/SI/HE/py6	HM + QT veining
PGRC001	90	91	BK	f	4	SAbi		FR																SAbi	
PGRC001	91	92	BK	f	4	SAbi		FR																SAbi	
PGRC001	92	93	BK	f	4	SAbi		FR									py	8						SAbi/py8	
PGRC001	93	94	BK	f	4	SAbi		FR									py	8						SAbi/py8	
PGRC001	94	95	BK	f	4	SAbi		FR									py	8						SAbi/sh/py8	
PGRC001	95	96	BK	f	4	SAbi		FR									py	8						SAbi/sh/py8	
PGRC001	96	97	BK	f	4	SAbi		FR									py	2						SAbi/py2	
PGRC001	97	98	BK	f	4	SAbi		FR									py	2						SAbi/py2	
PGRC001	98	99	BK	f	4	SAbi		FR									py	2						SAbi/py2	

Hole ID	From	To	Colour	Grainsize	Hardness	Lith 1	Lith 2	Weathering	Vein	Vein %	Alt 1	Alt1 I	Alt 2	Alt 2 I	Alt 3	Alt 3 I	Min 1	Min 1 %	Min 2	Min 2 %	Min 3	Min 3 %	Min Style	Lithcode	Comments
PGRC001	99	100	BK	f	4	SAbi		FR									py	2						SAbi/py2	
PGRC001	100	101	BK	f	4	SAbi		FR	Q	5	HE	W					py	8						SAbi/VQ/HE/py8	
PGRC001	101	102	BK	f	4	SAbi		FR									py	2						SAbi/sh/py2	
PGRC001	102	103	BK	f	4	SAbi		FR									py	2						SAbi/sh/py2	
PGRC001	103	104	BK	f	4	SAbi		FR									py	2						SAbi/sh/py2	
PGRC001	104	105	BK	f	4	SAbi		FR									py	2						SAbi/sh/py2	
PGRC001	105	106	BK	f	4	SAbi		FR																SAbi/sh	
PGRC001	106	107	BK	f	4	SAbi		FR																SAbi/sh	
PGRC001	107	108	BK	f	4	SAbi		FR																SAbi/sh	
PGRC001	108	109	BK	f	4	SAbi		FR																SAbi/sh	
PGRC001	109	110	BK	f	4	SAbi		FR																SAbi/sh	
PGRC001	110	111	BK	f	4	XSBgt		FR																XSBgt	
PGRC001	111	112	BK	f	4	SAbi		FR									py	15						SAbi/py15	pervasive cb alt.
PGRC001	112	113	BK	f	4	SAbi		FR																SAbi/sh	
PGRC001	113	114	BK	f	4	SAbi		FR																SAbi	
PGRC001	114	115	BK	f	4	SAbi		FR																SAbi	
PGRC001	115	116	BK	f	4	SAbi		FR																SAbi	
PGRC001	116	117	BK	f	4	SAbi		FR																SAbi	
PGRC001	117	118	BK	f	4	SAbi		FR																SAbi	
PGRC001	118	119	BK	f	4	SAbi		FR																SAbi	
PGRC001	119	120	BK	f	4	SAbi		FR																SAbi	
PGRC002	0	1	RDBR	f	1	S	LU	SW																S/LU	
PGRC002	1	2	BR	f	1	S	LU	SW																S/LU	
PGRC002	2	3	BR	f	1	Smu	LU	SW																Smu/LU	
PGRC002	3	4	BR	f	1	Smu	LU	SW																Smu/LU	
PGRC002	4	5	BR	f	1	Smu	LU	SW																Smu/LU	
PGRC002	5	6	GY	f	4	Vqz		SW									py	10						Vqz/py10	blue-grey qtz vein
PGRC002	6	7	BR	f	1	XSM		SW																XSM	
PGRC002	7	8	BR	f	1	XSM		SW																XSM	
PGRC002	8	9	BR	f	1	XSM		SW																XSM	
PGRC002	9	10	BR	f	1	XSM		SW																XSM	
PGRC002	10	11	BR	f	1	XSM		SW																XSM	
PGRC002	11	12	BR	f	3	SAmu		SW																SAmu	
PGRC002	12	13	BR	f	2	XSM	Vqz	SW																XSM/Vqz	
PGRC002	13	14	BR	f	1	XSM		SW																XSM	
PGRC002	14	15	WH	f	3	Vqz	XSM	SW																Vqz/XSM	WHite qtz
PGRC002	15	16	BR	f	1	XSM		SW																XSM	Powders sample
PGRC002	16	17	BR	f	1	XSM		SW																XSM	
PGRC002	17	18	BR	f	1	XSM		SW																XSM	
PGRC002	18	19	BR	f	1	XSM		SW																XSM	
PGRC002	19	20	BR	f	1	XSM		SW																XSM	
PGRC002	20	21	BR	f	1	XSM		SW																XSM	
PGRC002	21	22	BR	f	2	SA		MW																SA	
PGRC002	22	23	BR	f	1	XSM		MW																XSM	
PGRC002	23	24	BRWH	f	4	Vqz	XSM	MW																Vqz/XSM	
PGRC002	24	25	BRGY	f	2	XSB		MW																XSB	
PGRC002	25	26	BRGY	f	1	XSB		PW																XSB	Powder sample
PGRC002	26	27	BRGY	f	1	XSB		PW																XSB	
PGRC002	27	28	BRGY	f	1	XSB		PW																XSB	
PGRC002	28	29	BRGY	f	1	XSB		PW																XSB	
PGRC002	29	30	BRGY	f	1	XSB		PW																XSB	
PGRC002	30	31	WH	f	2	XSB	Vqz	PW																XSB/Vqz	
PGRC002	31	32	GYBR	f	2	SAmn		PW																SAmn	
PGRC002	32	33	WH	f	3	Vqz		PW																VQ2	Clear WHite qtz
PGRC002	33	34	GYBK	f	3	XSB	Vqz	PW																XSB/Vqz	

Hole ID	From	To	Colour	Grainsize	Hardness	Lith 1	Lith 2	Weathering	Vein	Vein %	Alt 1	Alt1 I	Alt 2	Alt 2 I	Alt 3	Alt 3 I	Min 1	Min 1 %	Min 2	Min 2 %	Min 3	Min 3 %	Min Style	Lithcode	Comments
PGRC002	34	35	GYBK	f	3	XSB		FR																XSB	
PGRC002	35	36	GYBK	f	3	SAbi		FR																SAbi	
PGRC002	36	37	GYBK	f	3	SAbi		FR																SAbi	
PGRC002	37	38	GYBK	f	3	SAbi		FR																SAbi	
PGRC002	38	39	GYBK	f	3	SAbi		FR																SAbi	HE on joint surfaces
PGRC002	39	40	GYBK	f	3	SAbi		FR																SAbi	HE on joint surfaces
PGRC002	40	41	BKRD	f	4	SA		FR			HE	S												SA/HE	
PGRC002	41	42	BKGY	f	3	SAbigt		FR																SAbigt/sh	
PGRC002	42	43	BKGY	f	3	SAbigt	Vqz	FR																SAbigt/Vqz/sh	Water Table
PGRC002	43	44	BKGY	f	3	SAbigt		FR																SAbigt/sh	
PGRC002	44	45	BKGY	f	3	SAbigt		FR									py	5						SAbigt/sh/py5	
PGRC002	45	46	BKGY	f	3	SA		FR																SA	
PGRC002	46	47	BKGY	f	3	SA		FR			EP	W	HE	W										SA/EP/HE	
PGRC002	47	48	BKGY	f	3	SA		FR			EP	W	HE	W										SA/EP/HE	
PGRC002	48	49	BKGY	f	3	SAQ		FR																SAQ	
PGRC002	49	50	BKGY	f	3	SA		FR																SA/sh	
PGRC002	50	51	BKGY	f	4	SAbi		FR									py	2						SAbi/py2	
PGRC002	51	52	BKGY	f	4	SAbi		FR									py	2						SAbi/py2	
PGRC002	52	53	BKGY	f	4	SAbi		FR									py	2						SAbi/py2	
PGRC002	53	54	BKGY	f	4	SAbi		FR									py	4						SAbi/py4	py assoc.w Fe+Qtz vein
PGRC002	54	55	BKGY	f	4	SAQ		FR									py	1						SAQ/py1	
PGRC002	55	56	BKGY	f	4	XSB		FR			SI	M					py	1						XSB/py1	
PGRC002	56	57	BKGY	f	4	XSB		FR									py	1						XSB/py1	
PGRC002	57	58	BKGY	f	4	XSB		FR									py	2						XSB/py2	
PGRC002	58	59	BKGY	f	4	XSB		FR																XSB	
PGRC002	59	60	BKGY	f	4	XSB		FR																XSB	
PGRC002	60	61	BKGY	f	4	XSB		FR																XSB	
PGRC002	61	62	BKGY	f	4	XSB		FR																XSB	
PGRC002	62	63	BKGY	f	4	XSB		FR																XSB	
PGRC002	63	64	BKGY	f	4	SAQ		FR																SAQ	
PGRC002	64	65	BKGY	f	4	SAQ		FR																SAQ	
PGRC002	65	66	BKGY	f	4	SAbi		FR									py	3						SAbi/py3	
PGRC002	66	67	BKGY	f	4	SAbi		FR									py	3						SAbi/sh/py3	
PGRC002	67	68	BKGY	f	4	SAbi		FR																SAbi/sh	
PGRC002	68	69	BKGY	f	4	SAbi		FR																SAbi/sh	
PGRC002	69	70	BKGY	f	4	SAbi		FR									py	2						SAbi/sh/py2	
PGRC002	70	71	BKGY	f	4	SAbi		FR									py	3						SAbi/sh/py3	
PGRC002	71	72	BKGY	f	4	SAbi		FR									py	6						SAbi/sh/py6	
PGRC002	72	73	BKGY	f	4	SAbi		FR									py	1						SAbi/sh/py1	
PGRC002	73	74	BKGY	f	4	SAbi		FR									py	7	cp	2				SAbi/sh/py7/cp2	
PGRC002	74	75	BKGY	f	4	SAbi		FR									py	5	cp	2				SAbi/sh/py5/cp2	
PGRC002	75	76	GYBK	f	4	SAbi		FR																SAbi	
PGRC002	76	77	GY	f	4	SA		FR	Q	2														SA/VQ	
PGRC002	77	78	GY	f	4	SA		FR																SA	
PGRC002	78	79	GYBK	f	4	SAbigt		FR																SAbigt	
PGRC002	79	80	GYBK	f	4	SAbigt		FR																SAbigt	
PGRC002	80	81	GYBK	f	4	SAbi		FR	Q	2	HE	W					py	10						SAbi/VQ/HE/py10	HE then Qtz rim vughs
PGRC002	81	82	GYBK	f	4	SAbi		FR																SAbi	
PGRC002	82	83	GYBK	f	4	SAbi		FR																SAbi	
PGRC002	83	84	GYBK	f	4	SAbi		FR																SAbi	
PGRC002	84	85	GNBK	f	4	SAbi		FR	Q	5	EP	W	HE	W			py	6						SAbi/VQ/EP/HE/py6	EP + HM veining
PGRC002	85	86	GYBK	f	4	SAbi		FR																SAbi	

Hole ID	From	To	Colour	Grainsize	Hardness	Lith 1	Lith 2	Weathering	Vein	Vein %	Alt 1	Alt1 I	Alt 2	Alt 2 I	Alt 3	Alt 3 I	Min 1	Min 1 %	Min 2	Min 2 %	Min 3	Min 3 %	Min Style	Lithcode	Comments
PGRC002	86	87	GYBK	f	4	SAbi		FR																SAbi	
PGRC002	87	88	GYBK	f	4	SAbi		FR																SAbi	
PGRC002	88	89	GYBK	f	4	SAbi		FR																SAbi	
PGRC002	89	90	GYBK	f	4	SAbi		FR																SAbi	
PGRC002	90	91	GYBK	f	4	SAbi		FR																SAbi	
PGRC002	91	92	BKRD	f	4	SAbi		FR									py	12						SAbi/sh/py12	
PGRC002	92	93	BKGY	f	4	SAbi		FR									py	2						SAbi/sh/py2	
PGRC002	93	94	BKGY	f	4	SAbi		FR									py	2						SAbi/sh/py2	
PGRC002	94	95	BKGY	f	4	SAbi		FR									py	2						SAbi/sh/py2	
PGRC002	95	96	BKGY	f	4	SAbi		FR									py	2						SAbi/sh/py2	
PGRC002	96	97	BKGY	f	4	SAbi		FR									py	2						SAbi/sh/py2	
PGRC002	97	98	BKGY	f	4	SAbi		FR									py	3						SAbi/sh/py3	
PGRC002	98	99	BKGY	f	4	SAbi		FR									py	3						SAbi/sh/py3	
PGRC002	99	100	GNGY	f	4	SA		FR									py	3						SAbi/sh/py3	
PGRC002	100	101	GNGY	f	4	SAQ		FR			EP	M												SAQ/EP	Pervasive EP
PGRC002	101	102	GNGY	f	4	SAQ		FR			EP	M												SAQ/EP	
PGRC002	102	103	GNGY	f	4	SAQ		FR			EP	M					py	2						SAQ/EP/py2	
PGRC002	103	104	GNGY	f	4	SAQ		FR			EP	M					py	2						SAQ/EP/py2	
PGRC002	104	105	GNGY	f	4	SAQ		FR			EP	M					py	15						SAQ/EP/py15	
PGRC002	105	106	GNGY	f	4	SAQ		FR			EP	M					py	13						SAQ/EP/py13	
PGRC002	106	107	GNGY	f	4	SAQ		FR			EP	M					py	2						SAQ/EP/py2	
PGRC002	107	108	GNGY	f	4	SAQ		FR			EP	W					py	3						SAQ/EP/py3	
PGRC002	108	109	GNGY	f	4	SAQ		FR			EP	W					py	3						SAQ/EP/py3	
PGRC002	109	110	GNGY	f	4	SAQ		FR			EP	W					py	5						SAQ/EP/py5	
PGRC002	110	111	GNGY	f	4	SAQ		FR			EP	W					py	2						SAQ/EP/py2	
PGRC002	111	112	GNGY	f	4	SAQ		FR			EP	W												SAQ/EP	
PGRC002	112	113	GNGY	f	4	SAQ		FR			EP	W												SAQ/EP	
PGRC002	113	114	GNGY	f	4	SAQ		FR			EP	W												SAQ/EP	
PGRC002	114	115	GNGY	f	4	SAQ		FR			EP	W												SAQ/EP	
PGRC002	115	116	GNGY	f	4	SAQ		FR			EP	W												SAQ/EP	
PGRC002	116	117	GNGY	f	4	SAQ		FR			EP	W												SAQ/EP	
PGRC002	117	118	GNGY	f	4	SAQ		FR			EP	W												SAQ/EP	
PGRC002	118	119	BKGY	f	4	SAbi		FR																SAbi	
PGRC002	119	120	BKGY	f	4	SAbi		FR									py	2						SAbi/py2	
PGRC003	0	1	GY	f	1	SA	LU	SW																SA/LU	
PGRC003	1	2	GYBR	f	2	XSM	LU	SW																XSM/LU	
PGRC003	2	3	GYBR	f	2	XSM	LU	SW																XSM/LU	
PGRC003	3	4	BR	f	1	XSM	LU	SW																XSM/LU	Powdery Sample
PGRC003	4	5	BR	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	5	6	BR	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	6	7	BRL	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	7	8	BR	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	8	9	BR	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	9	10	RDBR	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	10	11	RDBR	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	11	12	YEBR	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	12	13	YEBR	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	13	14	RDBR	f	1	XSM		SW																XSM	Powdery Sample

Hole ID	From	To	Colour	Grainsize	Hardness	Lith 1	Lith 2	Weathering	Vein	Vein %	Alt 1	Alt1 I	Alt 2	Alt 2 I	Alt 3	Alt 3 I	Min 1	Min 1 %	Min 2	Min 2 %	Min 3	Min 3 %	Min Style	Lithcode	Comments
PGRC003	14	15	RDBR	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	15	16	RDBR	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	16	17	RDBR	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	17	18	RDBR	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	18	19	RDBR	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	19	20	RDBR	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	20	21	RDBR	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	21	22	RDBR	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	22	23	RDBR	f	1	XSM		SW																XSM	Powdery Sample
PGRC003	23	24	BRGY	f	2	SA		MW																SA	Powdery Sample
PGRC003	24	25	BRGY	f	2	SA		MW																SA	
PGRC003	25	26	BR	f	1	XSM		MW																XSM	
PGRC003	26	27	BR	f	3	XSM		MW																XSM	
PGRC003	27	28	BR	f	3	SA		MW			SI	M												SA/SI	
PGRC003	28	29	BRGY	f	4	CHT	SA	MW			SI	M												CH/SA/SI	
PGRC003	29	30	BRGY	f	4	SAmu		MW			SI	M												SAmu/SI	
PGRC003	30	31	BRGY	f	3	SAmu		MW																SAmu	
PGRC003	31	32	BRGY	f	3	SAmu		MW																SAmu	
PGRC003	32	33	BRGY	f	3	SAQ		MW																SAQ	
PGRC003	33	34	BRGY	f	3	SAbi		PW																SAbi	
PGRC003	34	35	BRGY	f	3	SAbi		PW																SAbi	
PGRC003	35	36	BRGY	f	3	SAbi		PW																SAbi	
PGRC003	36	37	GNGY	f	3	SA		PW									py	tr						SA/py	
PGRC003	37	38	GR	f	3	SA		PW			BL	M												SA/BL	Bleached WHite
PGRC003	38	39	GY	f	3	SA		PW																SA	
PGRC003	39	40	GY	f	3	SA		PW																SA	
PGRC003	40	41	GY	f	3	SA		PW																SA	Water Table
PGRC003	41	42	GY	f	3	SA		PW																SA	
PGRC003	42	43	GY	f	3	SA		PW																SA	
PGRC003	43	44	GY	f	3	SA		PW																SA	
PGRC003	44	45	GY	f	3	SA		PW																SA	
PGRC003	45	46	GY	f	3	SA		PW																SA	
PGRC003	46	47	GY	f	3	SA		PW																SA	
PGRC003	47	48	GY	f	3	SA		PW									py	tr						SA/py	
PGRC003	48	49	GY	f	3	SA		PW	Q	tr							py	tr						SA/VQ/py	
PGRC003	49	50	GY	f	3	SA		PW	Q	tr							py	tr						SA/VQ/py	
PGRC003	50	51	GNGY	f	3	SA		FR																SA	
PGRC003	51	52	GNGY	f	3	SA		FR																SA	
PGRC003	52	53	GR	f	3	SA		FR	Q	tr	EP	W					py	tr						SA/VQ/EP/py	Bleached, altered
PGRC003	53	54	GR	f	3	SA		FR	Q	tr														SA/VQ/py	
PGRC003	54	55	GNGY	f	3	SA		FR																SA	Weathered in parts
PGRC003	55	56	GNGY	f	3	SA		FR																SA	
PGRC003	56	57	GNGY	f	3	SA		FR																SA	
PGRC003	57	58	GNGY	f	3	SAbi		FR																SAbi	
PGRC003	58	59	GNGY	f	3	SAbi		FR			EP	W												SAbi/EP	
PGRC003	59	60	GNGY	f	3	SAbi		FR			EP	W												SAbi/EP	

Hole ID	From	To	Colour	Grainsize	Hardness	Lith 1	Lith 2	Weathering	Vein	Vein %	Alt 1	Alt1 I	Alt 2	Alt 2 I	Alt 3	Alt 3 I	Min 1	Min 1 %	Min 2	Min 2 %	Min 3	Min 3 %	Min Style	Lithcode	Comments
PGRC003	60	61	GNGY	f	3	SAbi		FR									py	tr						SAbi/py	
PGRC003	61	62	GR	f	3	SA		FR									py	tr						SAbi/py	bleached
PGRC003	62	63	GNGY	f	3	SA		FR																SA/sh	
PGRC003	63	64	GNGY	f	3	SA		FR																SA/sh	
PGRC003	64	65	GNGY	f	3	SA		FR									py	tr						SA/sh/py	Slight shear fabric?
PGRC003	65	66	GNGY	f	3	SA		FR									py	tr						SA/sh/py	Slight shear fabric?
PGRC003	66	67	GNGY	f	3	XS		FR			CH	W												XS/CH	
PGRC003	67	68	GNGY	f	3	SA		FR																SA/sh	
PGRC003	68	69	GNGY	f	3	SA		FR																SA/sh	
PGRC003	69	70	GRGY	f	3	SA		FR																SA/sh	
PGRC003	70	71	BK	f	2	SAmu		FR									py	tr						SAmu/py	
PGRC003	71	72	GNGY	f	3	SAmu		FR			SI	S												SAmu/SI	
PGRC003	72	73	GNGY	f	3	SA		FR			SI	S												SA/SI	
PGRC003	73	74	GNGY	f	3	SA		FR			SI	S												SA/SI	
PGRC003	74	75	GNGY	f	3	SA		FR			SI	S												SA/SI	
PGRC003	75	76	GNGY	f	3	SA		FR	Q	tr							py	tr						SA/VQ/py	
PGRC003	76	77	GNGY	f	3	SA		FR	Q	tr							py	tr						SA/VQ/py	
PGRC003	77	78	GNGY	f	3	SAmu		FR									py	tr	gp	5				SAmu/py/gp	fine,grained graphite in parts
PGRC003	78	79	GNGY	f	3	SAmu		FR			SI	S												SAmu/SI	
PGRC003	79	80	GNGY	f	3	SAmu		FR			SI	S												SAmu/SI	
PGRC003	80	81	GY	f	3	SA		FR			SI	S					py	tr						SA/SI/py	
PGRC003	81	82	GY	f	3	SA		FR			SI	S												SA/SI	
PGRC003	82	83	GY	f	3	SA		FR			SI	S												SA/SI	
PGRC003	83	84	GY	f	3	SA		FR			SI	S												SA/SI	
PGRC003	84	85	GNGY	f	3	SA		FR			SI	S	EP	W										SA/SI/EP	
PGRC003	85	86	GYBK	f	3	SAQ		FR																SAQ	graphitic
PGRC003	86	87	GYBK	f	3	SAQ		FR																SAQ	graphitic
PGRC003	87	88	GYBK	f	3	SAQ		FR																SAQ	graphitic
PGRC003	88	89	GYBK	f	3	SAQ		FR																SAQ	graphitic
PGRC003	89	90	GYBK	f	3	SAbi		FR	Q	7	SI	M					py	8						SAbi/VQ/py8	graphitic
PGRC003	90	91	GYBK	f	3	SAbi		FR	Q	7	SI	M					py	8						SAbi/VQ/py8	graphitic
PGRC003	91	92	GYBK	f	3	SAbi		FR	Q	5							py	7						SAbi/VQ/py7	graphitic
PGRC003	92	93	GYBK	f	3	SAbi		FR																SAbi	graphitic
PGRC003	93	94	BK	f	3	SAbi		FR																SAbi/sh	garnet - minor
PGRC003	94	95	BK	f	3	SAbi		FR																SAbi/sh	
PGRC003	95	96	BK	f	3	SAbi		FR									py	1						SAbi/sh/py1	
PGRC003	96	97	BK	f	3	SAbi		FR																SAbi/sh	
PGRC003	97	98	BK	f	3	SAbi		FR									py	5						SAbi/sh/py5	
PGRC003	98	99	BK	f	3	SAbi		FR																SAbi/sh	
PGRC003	99	100	BK	f	3	SAbi		FR																SAbi/sh	
PGRC003	100	101	BK	f	4	XSB		FR									py	tr						XSB/py	
PGRC003	101	102	BK	f	4	XSB		FR									py	tr						XSB/py	
PGRC003	102	103	BK	f	4	XSB		FR									py	tr						XSB/py	
PGRC003	103	104	BK	f	4	XSB		FR									py	tr						XSB/py	
PGRC003	104	105	BK	f	4	XSB		FR									py	tr						XSB/py	
PGRC003	105	106	BK	f	4	XSBgt		FR									py	tr						XSBgT/py	
PGRC003	106	107	BK	f	4	XSB		FR																XSB	
PGRC003	107	108	BK	f	4	XSB		FR																XSB	
PGRC003	108	109	BK	f	4	XSB		FR																XSB	
PGRC003	109	110	BK	f	4	XSB		FR	Q	3														XSB/VQ	
PGRC003	110	111	RDBK	f	4	XSB		FR			HE	M					py	5						XSB/HE/py5	
PGRC003	111	112	BK	f	4	XSB		FR									py	tr						XSB/py	
PGRC003	112	113	BK	f	4	XSB		FR									py	tr						XSB/py	
PGRC003	113	114	BK	f	4	XSB		FR									py	tr						XSB/py	
PGRC003	114	115	BK	f	4	XSB		FR									py	tr						XSB/py	

Hole ID	From	To	Colour	Grainsize	Hardness	Lith 1	Lith 2	Weathering	Vein	Vein %	Alt 1	Alt1 I	Alt 2	Alt 2 I	Alt 3	Alt 3 I	Min 1	Min 1 %	Min 2	Min 2 %	Min 3	Min 3 %	Min Style	Lithcode	Comments
PGRC003	115	116	BK	f	4	XSB		FR									py	2						XSB/py2	
PGRC003	116	117	BK	f	4	XSB		FR																XSB	
PGRC003	117	118	BK	f	4	XSB		FR																XSB	
PGRC003	118	119	BK	f	4	XSB		FR																XSB	
PGRC003	119	120	BK	f	4	XSB		FR																XSB	
PGRC004	0	1	RDWH	f	3	S	LM	SW			RHP	M												S/LM/RHP	
PGRC004	1	2	RDWH	f	3	S	LM	SW			RHP	M												S/LM/RHP	
PGRC004	2	3	RDWH	f	3	S	LM	SW			RHP	M												S/LM/RHP	
PGRC004	3	4	BR	f	2	S		SW																S	
PGRC004	4	5	BR	f	3	SAQ		SW																SAQ	
PGRC004	5	6	BR	f	2	XS		SW																XS	
PGRC004	6	7	BR	f	1	XS		SW																XS	
PGRC004	7	8	BR	f	1	XS		SW																XS	
PGRC004	8	9	BR	f	3	SAQ		SW																SAQ	
PGRC004	9	10	BR	f	3	SAQ		SW																SAQ	
PGRC004	10	11	BR	f	3	SAQ		SW																SAQ	
PGRC004	11	12	BR	f	1	XSM		SW																XSM	
PGRC004	12	13	BR	f	3	SA		SW			SI	S												SA/SI	
PGRC004	13	14	BR	f	3	XS		SW																XS	
PGRC004	14	15	BR	f	3	XS		SW																XS	
PGRC004	15	16	BRGY	f	3	SA		MW			SI	S												SA/SI	
PGRC004	16	17	BRGY	f	3	SA		MW			SI	S												SA/SI	
PGRC004	17	18	BRGY	f	3	SA		MW			SI	S												SA/SI	
PGRC004	18	19	BRGY	f	3	SA		MW			SI	S												SA/SI	
PGRC004	19	20	BRGY	f	3	SA		MW			SI	S												SA/SI	
PGRC004	20	21	BRGY	f	3	SA	XS	MW																SA	
PGRC004	21	22	BRGY	f	3	SA	XS	MW																SA	
PGRC004	22	23	BRGY	f	3	SA		MW			SI	S												SA/SI	
PGRC004	23	24	BRGY	f	3	SA		MW																SA	
PGRC004	24	25	BRGY	f	3	SA		MW																SA	
PGRC004	25	26	BRGY	f	3	XSB		MW																XSB	
PGRC004	26	27	BR	f	3	XSB		MW																XSB	
PGRC004	27	28	BRGY	f	3	XSB		MW																XSB	
PGRC004	28	29	BRGY	f	3	SAQ		MW																SAQ	
PGRC004	29	30	BRGY	f	3	SAQ		MW																SAQ	
PGRC004	30	31	BRGY	f	3	SAQ		MW																SAQ	
PGRC004	31	32	GY	f	3	SAQ		PW																SAQ	
PGRC004	32	33	GYRD	f	3	SAQ		PW			EP	M	HE	M			py	tr						SAQ/EP/HE/py	
PGRC004	33	34	GYRD	f	3	SAQ		PW			EP	M	HE	M			py	tr						SAQ/EP/HE/py	
PGRC004	34	35	GYRD	f	3	SAQ		PW			EP	M	HE	M			py	tr						SAQ/EP/HE/py	Water Table
PGRC004	35	36	GYRD	f	3	SAQ		PW			EP	M	HE	M			py	tr						SAQ/EP/HE/py	
PGRC004	36	37	GYRD	f	3	SAQ		PW			EP	M	HE	M			py	tr						SAQ/EP/HE/py	
PGRC004	37	38	GYRD	f	3	SAQ		PW			EP	M	HE	M			py	tr						SAQ/EP/HE/py	
PGRC004	38	39	GYRD	f	3	SAQ		PW			EP	M	HE	M			py	5	cp	3				SAQ/EP/HE/py5/cp3	
PGRC004	39	40	GYRD	f	3	SAQ		PW			EP	M	HE	M			py	2						SAQ/EP/HE/py2	
PGRC004	40	41	GY	f	4	SAQ		FR									py	tr						SAQ/py	
PGRC004	41	42	GY	f	4	SAQ		FR			EP	W	HE	W			py	1						SAQ/EP/HE/py1	
PGRC004	42	43	GY	f	4	SAQ		FR	Q	1							py	tr						SAQ/VQ/py	
PGRC004	43	44	GY	f	4	SAQ		FR									py	tr						SAQ/py	
PGRC004	44	45	GY	f	4	SAQ		FR			HE	W					py	tr						SAQ/HE/py	pervasive He alt.
PGRC004	45	46	GYPK	f	4	SAQ		FR			HE	M					py	tr						SAQ/HE/py	pervasive He alt.
PGRC004	46	47	GYPK	f	4	SAQ		FR			HE	M					py	tr						SAQ/HE/py	pervasive He alt.
PGRC004	47	48	GYPK	f	4	SAQ		FR			HE	S					py	tr						SAQ/HE/py	pervasive He alt.
PGRC004	48	49	GYPK	f	4	SAQ		FR			HE	S					py	tr						SAQ/HE/py	pervasive He alt.

Hole ID	From	To	Colour	Grainsize	Hardness	Lith 1	Lith 2	Weathering	Vein	Vein %	Alt 1	Alt1 I	Alt 2	Alt 2 I	Alt 3	Alt 3 I	Min 1	Min 1 %	Min 2	Min 2 %	Min 3	Min 3 %	Min Style	Lithcode	Comments
PGRC004	49	50	WHGY	f	4	SAQ		FR	Q	1							py	1						SAQ/VQ/py	
PGRC004	50	51	PKGY	f	4	SAQ		FR			HE	M												SAQ/HE	
PGRC004	51	52	GN	f	4	SA		FR			EP	M	SI	M										SA/sh/EP/SI	
PGRC004	52	53	PK	f	4	CHT		FR																CH	
PGRC004	53	54	GY	f	4	SA		FR			SI	S												SA/sh/SI	
PGRC004	54	55	GY	f	4	SAQ		FR			SI	S					py	tr						SAQ/sh/SI/py	
PGRC004	55	56	GY	f	4	SAQ		FR			SI	S					py	tr						SAQ/sh/SI/py	
PGRC004	56	57	GY	f	4	SAQ		FR			SI	S					py	tr						SAQ/sh/SI/py	
PGRC004	57	58	GY	f	4	SAQ		FR			SI	S					py	tr						SAQ/sh/SI/py	
PGRC004	58	59	GY	f	4	SAQ		FR			SI	S					py	tr						SAQ/sh/SI/py	
PGRC004	59	60	GY	f	4	SAQ		FR			SI	S					py	2						SAQ/sh/SI/py2	
PGRC004	60	61	PKGY	f	4	SAQ		FR			HE	M					py	tr						SAQ/HE/py	
PGRC004	61	62	GN	f	4	SAQ		FR			EP	M					py	tr						SAQ/EP/py	
PGRC004	62	63	PK	f	4	SA		FR			HE	M	SI	S			py	tr						SA/HE/SI/py	
PGRC004	63	64	PK	f	4	SA		FR			HE	M	SI	S			py	tr						SA/HE/SI/py	
PGRC004	64	65	PKGY	f	4	SA		FR			HE	M	SI	S			py	tr						SA/HE/SI/py	
PGRC004	65	66	PKGN	f	4	SAQ		FR			HE	M					py	tr						SAQ/HE/py	
PGRC004	66	67	PKGN	f	4	SAQ		FR									py							SAQ/py	
PGRC004	67	68	BK	f	4	SAbi		FR									py	1						SAbi/py1	
PGRC004	68	69	BK	f	4	SAbi		FR	Q	2							py	5						SAbi/VQ/py5	
PGRC004	69	70	BK	f	4	SAbi		FR																SAbi	
PGRC004	70	71	BK	f	4	SAbi		FR			SI	S												SAbi/SI	
PGRC004	71	72	BK	f	4	SAbi		FR			SI	S												SAbi/SI	
PGRC004	72	73	BK	f	4	SAbi		FR			SI	S												SAbi/SI	
PGRC004	73	74	BK	f	4	SAbi		FR			SI	S												SAbi/SI	
PGRC004	74	75	BK	f	4	SAbi		FR			SI	S					py	2						SAbi/SI/py2	
PGRC004	75	76	GY	f	4	SAQ		FR									py	1						SAQ/py1	
PGRC004	76	77	GY	f	4	SAQ		FR																SAQ	
PGRC004	77	78	GY	f	4	SAQ		FR																SAQ	
PGRC004	78	79	GY	f	4	SAQ		FR																SAQ	
PGRC004	79	80	GY	f	4	SAQ		FR																SAQ	
PGRC004	80	81	GYPK	f	4	SA		FR			HE	W					py	1						SA/HE/py	
PGRC004	81	82	BKPK	f	4	SA	SAbi	FR			HE	W					py	1						SA/HE/py	
PGRC004	82	83	BK	f	4	SAbi		FR			SI	M												SAbi/SI	
PGRC004	83	84	BK	f	4	SAbi		FR			SI	M												SAbi/SI	
PGRC004	84	85	BK	f	4	SAbi		FR			SI	M												SAbi/SI	
PGRC004	85	86	GY	f	4	SA		FR			SI	S												SAbi/SI	
PGRC004	86	87	GY	f	4	SA		FR			SI	S												SAbi/SI	
PGRC004	87	88	GY	f	4	SAQ		FR																SAQ	
PGRC004	88	89	GY	f	4	SAQ		FR																SAQ	
PGRC004	89	90	GYGN	f	4	SAQ		FR			HE	W	EP	W										SAQ/HE/EP	
PGRC004	90	91	GY	f	4	SAQ		FR																SAQ	
PGRC004	91	92	PK	f	4	SAQ		FR			HE	S												SAQ/HE	
PGRC004	92	93	PK	f	4	SAQ		FR			HE	S												SAQ/HE	
PGRC004	93	94	GNGY	f	4	SAQ		FR			EP	M												SAQ/EP	
PGRC004	94	95	GY	f	4	SAQ		FR																SAQ	
PGRC004	95	96	GY	f	4	SAQ		FR																SAQ	
PGRC004	96	97	GY	f	4	SAQ		FR																SAQ	
PGRC004	97	98	GY	f	4	SAQ		FR																SAQ	
PGRC004	98	99	GY	f	4	SAQ		FR																SAQ	
PGRC004	99	100	GY	f	4	SAQ		FR																SAQ	
PGRC004	100	101	GYGN	f	4	SAQ		FR																SAQ	
PGRC004	101	102	GYGN	f	4	SAQ		FR																SAQ	
PGRC004	102	103	PKGN	m	4	SAQ		FR			EP	W	HE	W										SAQ/EP/HE	
PGRC004	103	104	BK	f	4	SAQ		FR			BI	M												SAQ/BI	
PGRC004	104	105	GYPK	f	4	SAQ		FR																SAQ	
PGRC004	105	106	GY	f	4	SAQ		FR			HE	M					py	tr						SAQ/HE/py	
PGRC004	106	107	GY	f	4	SAQ		FR																SAQ	
PGRC004	107	108	GY	f	4	SAQ		FR																SAQ	
PGRC004	108	109	GY	f	4	SAQ		FR																SAQ	

Hole ID	From	To	Colour	Grainsize	Hardness	Lith 1	Lith 2	Weathering	Vein	Vein %	Alt 1	Alt1 I	Alt 2	Alt 2 I	Alt 3	Alt 3 I	Min 1	Min 1 %	Min 2	Min 2 %	Min 3	Min 3 %	Min Style	Lithcode	Comments
PGRC004	109	110	BK	f	4	SAbi		FR			SI	S					py	tr						SAbi/SI/py2	
PGRC004	110	111	BK	f	4	SAbi		FR			SI	S					py	tr						SAbi/SI/py2	
PGRC004	111	112	BK	f	4	SAbi		FR			SI	S					py	tr						SAbi/SI/py2	
PGRC004	112	113	PK	f	4	CHT		FR			HE	M												CH/HE	pervasive He alt.
PGRC004	113	114	PK	f	4	CHT		FR																CH	
PGRC004	114	115	PK	f	4	CHT		FR																CH	
PGRC004	115	116	PK	f	4	CHT		FR																CH	
PGRC004	116	117	GNPK	f	4	SA		FR			SI	S	HE	M	EP	M								SA/SI/HE/EP	
PGRC004	117	118	GNPK	f	4	SA		FR			SI	S												SA/SI	
PGRC004	118	119	GYPK	f	4	CHT		FR									py	tr						CH/py	
PGRC004	119	120	GNGY	f	4	CHT		FR									py	tr						CH/py	
PGRC005	0	1	BR	f	2	S	LU	SW																S/LU	
PGRC005	1	2	BR	f	1	XSM		SW																XSM	
PGRC005	2	3	BR	f	1	S		SW																S	Powdery sample
PGRC005	3	4	BR	f	1	S		SW																S	Powdery sample
PGRC005	4	5	BR	f	1	S		SW																S	Powdery sample
PGRC005	5	6	BR	f	1	S		SW																S	Powdery sample
PGRC005	6	7	BR	f	1	S		SW																S	Powdery sample
PGRC005	7	8	BR	f	1	S		SW																S	Powdery sample
PGRC005	8	9	BRRD	f	4	CHT		MW			RHE	W												CH/RHE	Powdery sample
PGRC005	9	10	BR	f	1	S		SW																S	
PGRC005	10	11	BR	f	2	SAbi		MW																SAbi	
PGRC005	11	12	BR	f	2	SA		MW																SA	
PGRC005	12	13	BR	f	1	S		MW																S	Powdery sample
PGRC005	13	14	BR	f	1	S		MW																S	Powdery sample
PGRC005	14	15	BR	f	1	S		MW																S	Powdery sample
PGRC005	15	16	BRGY	f	3	SA		MW			SI	S												SA/SI	
PGRC005	16	17	BRGY	f	3	SA		MW			SI	S												SA/SI	
PGRC005	17	18	BRGY	f	3	SA		MW			SI	S												SA/SI	
PGRC005	18	19	BRGY	f	3	SA		MW																SA	
PGRC005	19	20	BKRD	f	3	SAmu		MW																SAmu	Graphitic
PGRC005	20	21	BK	f	3	XSM		MW																XSM	Graphitic
PGRC005	21	22	BK	f	3	XSM		MW																XSM	Graphitic
PGRC005	22	23	BK	f	3	XSM		MW																XSM	Graphitic
PGRC005	23	24	BK	f	3	SA		MW			SI	M												SA	Graphitic
PGRC005	24	25	BR	f	3	SA		MW			SI	M												SA/sh/SI	
PGRC005	25	26	BR	f	3	SA		MW			SI	M												SA/sh/SI	
PGRC005	26	27	BR	f	3	SA		MW																SA	
PGRC005	27	28	GYd	f	3	XSM		PW																XSM	
PGRC005	28	29	GYd	f	3	SA		PW			SI	S												SA/SI	
PGRC005	29	30	GYd	f	3	SA		PW			SI	S												SA/SI	
PGRC005	30	31	GYPK	f	3	SA		PW			SI	S					py	tr						SA/SI/py	
PGRC005	31	32	GYPK	f	4	SA		PW			SI	S												SAQ	
PGRC005	32	33	GYPK	f	4	SA		PW			SI	S												SAQ	
PGRC005	33	34	GYPK	f	4	SAQ		PW																SAQ	
PGRC005	34	35	GYPK	f	4	SAQ		PW			HE	W												SAQ/HE	pervasive He alt.
PGRC005	35	36	GYPK	f	4	SAQ		PW			HE	W												SAQ/HE	Water Table

Hole ID	From	To	Colour	Grainsize	Hardness	Lith 1	Lith 2	Weathering	Vein	Vein %	Alt 1	Alt1 I	Alt 2	Alt 2 I	Alt 3	Alt 3 I	Min 1	Min 1 %	Min 2	Min 2 %	Min 3	Min 3 %	Min Style	Lithcode	Comments
PGRC005	36	37	GYPK	f	4	SAQ		PW			HE	W												SAQ/HE	
PGRC005	37	38	GYPK	f	4	SAQ		PW			HE	W												SAQ/HE	
PGRC005	38	39	GYPK	f	4	SAQ		PW			HE	W												SAQ/HE	
PGRC005	39	40	GYPK	f	4	SAQ		PW			HE	W												SAQ/HE	
PGRC005	40	41	GYPK	f	4	SAQ		PW			HE	M												SAQ/HE	
PGRC005	41	42	GYPK	f	4	SAQ		PW			HE	M												SAQ/HE	
PGRC005	42	43	GYPK	f	4	SAQ		PW			HE	M	BI	W										SAQ/HE/BI	
PGRC005	43	44	GYPK	f	4	SAQ		PW			HE	M	BI	W										SAQ/HE/BI	
PGRC005	44	45	GYPK	f	4	SAQ		PW			HE	M	BI	W			py	tr	asp	tr				SAQ/HE/BI/py/asp	
PGRC005	45	46	GYPK	f	4	SAQ		PW			HE	M												SAQ/HE	
PGRC005	46	47	GYPK	f	4	SAQ		PW			HE	M												SAQ/HE	
PGRC005	47	48	GYPK	f	4	SAQ		PW			HE	M												SAQ/HE	
PGRC005	48	49	GY	f	4	SAQ		PW			HE	M												SAQ/HE	
PGRC005	49	50	GY	f	4	SAQ		PW																SAQ	
PGRC005	50	51	GY	f	4	SAQ		PW																SAQ	
PGRC005	51	52	BK	f	4	SA		PW			SI	S												SA/sh/SI	graphitic
PGRC005	52	53	BK	f	4	SA		PW			SI	S												SA/sh/SI	graphitic
PGRC005	53	54	GY	f	4	SAQ		PW																SAQ/sh	graphitic
PGRC005	54	55	BK	f	4	SAmu		PW																SAmu/sh	graphitic
PGRC005	55	56	BK	f	4	SAmu		PW																SAmu/sh	graphitic
PGRC005	56	57	BK	f	4	SAmu		PW																SAmu/sh	graphitic
PGRC005	57	58	BK	f	4	SAmu		PW																SAmu/sh	graphitic
PGRC005	58	59	BK	f	4	SAmu		PW																SAmu/sh	graphitic
PGRC005	59	60	BK	f	4	SAmu		PW																SAmu/sh	graphitic
PGRC005	60	61	BK	f	4	SAQ		FR									py	1						SAQ/py1	graphitic
PGRC005	61	62	BK	f	4	SAQ		FR									py	1						SAQ/py1	graphitic
PGRC005	62	63	BK	f	4	SAQ		FR									py	1						SAQ/py1	graphitic
PGRC005	63	64	BK	f	4	SAQ		FR									py	1						SAQ/py1	graphitic
PGRC005	64	65	GY	f	4	SAQ		FR																SAQ	
PGRC005	65	66	GY	f	4	SAQ		FR																SAQ	
PGRC005	66	67	GY	f	4	SAmu		FR																SAmu	
PGRC005	67	68	PKGN	f	4	CHT		FR																CH	
PGRC005	68	69	PKGN	f	4	CHT		FR																CH	
PGRC005	69	70	PKGN	f	4	CHT		FR																CH	
PGRC005	70	71	BK	f	4	SAbi		FR																SAbi	
PGRC005	71	72	BK	f	4	SAbi		FR																SAbi	
PGRC005	72	73	BK	f	4	SAbi		FR																SAbi	
PGRC005	73	74	BK	f	4	SAbi		FR																SAbi	
PGRC005	74	75	BK	f	4	SAbi		FR																SAbi	
PGRC005	75	76	BK	f	4	SAbi		FR																SAbi	
PGRC005	76	77	PKGN	f	4	CHT		FR																CH	
PGRC005	77	78	BK	f	4	SAbi		FR	Q	tr							py	tr						SAbi/V+AA423Q/py	
PGRC005	78	79	BK	f	4	SAbi		FR									py	tr						SAbi/py	
PGRC005	79	80	BK	f	4	SAbi		FR																SAbi	
PGRC005	80	81	PKGN	f	4	SAQ		FR			EP	W	HE	W										SAQ/EP/HE	
PGRC005	81	82	PKGN	f	4	SAQ		FR			EP	W	HE	W										SAQ/EP/HE	
PGRC005	82	83	BK	f	4	SAQ		FR									py	tr						SAQ/py	
PGRC005	83	84	BK	f	4	SAQ		FR									py	1						SAQ/py1	
PGRC005	84	85	BK	f	4	SAQ		FR									py	1						SAQ/py1	
PGRC005	85	86	BK	f	4	SAQ		FR			BI	M												SAQ/BI	
PGRC005	86	87	BK	f	4	SAQ		FR																SAQ	
PGRC005	87	88	BK	f	4	SAQ		FR			HE	W												SAQ/HE	
PGRC005	88	89	BK	f	4	SAQ		FR																SAQ/sh	
PGRC005	89	90	BK	f	4	SAQ		FR																SAQ/sh	
PGRC005	90	91	BK	f	4	SAQ		FR																SAQ	
PGRC005	91	92	BK	f	4	SAQ		FR			HE	S												SAQ/HE	
PGRC005	92	93	BK	f	4	SAQ		FR																SAQ	
PGRC005	93	94	BK	f	4	SAQ		FR																SAQ	
PGRC005	94	95	BK	f	4	SAbi		FR																SAbi	
PGRC005	95	96	BK	f	4	SAbi		FR																SAbi	

Hole ID	From	To	Colour	Grainsize	Hardness	Lith 1	Lith 2	Weathering	Vein	Vein %	Alt 1	Alt1 I	Alt 2	Alt 2 I	Alt 3	Alt 3 I	Min 1	Min 1 %	Min 2	Min 2 %	Min 3	Min 3 %	Min Style	Lithcode	Comments
PGRC005	96	97	GYd	f	4	SAQ		FR									py	1						SAQ/py1	
PGRC005	97	98	GYd	f	4	SAQ		FR																SAQ	
PGRC005	98	99	BK	f	4	SAbi		FR																SAbi	
PGRC005	99	100	BK	f	4	SAbi	SAQ	FR																SAbi/SAQ	
PGRC005	100	101	GYd	f	4	SAbi	SAQ	FR	Q	2							py	6						SAbi/SAQ/V+AA556Q/py6	
PGRC005	101	102	GYd	f	4	SAQ		FR									py	tr						SAQ/py	
PGRC005	102	103	GYd	f	4	SAbi		FR									py	tr						SAbi/py	
PGRC005	103	104	GYd	f	4	SAQ		FR									py	tr						SAQ/py	
PGRC005	104	105	GYd	f	4	SAQ		FR									py	tr						SAQ/py	
PGRC005	105	106	GYd	f	4	SAQ		FR									py	tr						SAQ/py	
PGRC005	106	107	GYd	f	4	SAQ		FR									py	tr						SAQ/py	
PGRC005	107	108	GYd	f	4	SAQ		FR									py	tr						SAQ/py	
PGRC005	108	109	GYd	f	4	SAQ		FR																SAQ	
PGRC005	109	110	GYd	f	4	XSB		FR																XSB	
PGRC005	110	111	PKGY	f	4	SAQ		FR			HE	W	BI	W										SAQ/HE/BI	
PGRC005	111	112	GYd	f	4	SAQ		FR			HE	W	BI	W										SAQ/HE/BI	
PGRC005	112	113	GYd	f	4	SAQ		FR																SAQ	
PGRC005	113	114	GYd	f	4	SAQ		FR																SAQ	
PGRC005	114	115	GYd	f	4	SAQ		FR																SAQ	
PGRC005	115	116	PKBK	f	4	SAQ		FR			HE	W												SAQ/HE	
PGRC005	116	117	GYd	f	4	SAQ		FR																SAQ	
PGRC005	117	118	GYd	f	4	SAQ		FR																SAQ	
PGRC005	118	119	GYd	f	4	SAbi		FR									py	tr						SAbi/py	
PGRC005	119	120	GYd	f	4	SAbi		FR																SAbi	
PGRC006	0	1	BR	m	2	SA		SW																SA	
PGRC006	1	2	BR	f	1	SA		SW																SA	Powdery sample
PGRC006	2	3	BR	f	1	SA		SW																SA	Powdery sample
PGRC006	3	4	BR	f	1	SA		SW																SA	Powdery sample
PGRC006	4	5	BR	m	2	SA		SW																SA	
PGRC006	5	6	BR	m	2	SA		SW																SA	
PGRC006	6	7	BR	f	1	SA		SW																SA	Powdery sample
PGRC006	7	8	BR	f	1	SA		SW																SA	Powdery sample
PGRC006	8	9	BR	f	1	SA		SW																SA	Powdery sample
PGRC006	9	10	BR	m	2	SA		SW																SA	
PGRC006	10	11	BR	m	2	SA		SW																SA	
PGRC006	11	12	BR	f	1	SA		SW																SA	
PGRC006	12	13	BR	f	1	SA		SW																SA	Powdery sample
PGRC006	13	14	BR	f	1	SA		SW																SA	Powdery sample
PGRC006	14	15	BR	f	1	SA		SW																SA	Powdery sample
PGRC006	15	16	BR	f	1	SA		SW																SA	
PGRC006	16	17	BR	f	2	SA		SW																SA/sh	
PGRC006	17	18	BR	f	1	SA		MW																SA/sh	
PGRC006	18	19	BR	m	2	SA		MW																SA	
PGRC006	19	20	BR	m	3	SA		MW																SA	
PGRC006	20	21	BR	m	3	SA		MW																SA	
PGRC006	21	22	BR	m	3	SA		MW																SA	
PGRC006	22	23	BR	m	3	SA		MW																SA	
PGRC006	23	24	BR	m	3	SA		PW																SA	
PGRC006	24	25	BR	m	3	SA		PW																SA	
PGRC006	25	26	BRGY	m	4	SAbi		PW																SAbi	
PGRC006	26	27	BRGY	m	4	SAbi		PW																SAbi	

Hole ID	From	To	Colour	Grainsize	Hardness	Lith 1	Lith 2	Weathering	Vein	Vein %	Alt 1	Alt1 I	Alt 2	Alt 2 I	Alt 3	Alt 3 I	Min 1	Min 1 %	Min 2	Min 2 %	Min 3	Min 3 %	Min Style	Lithcode	Comments
PGRC006	27	28	BRGY	m	4	SAbi		PW																SAbi	
PGRC006	28	29	BRGY	m	4	SAbi		PW																SAbi	
PGRC006	29	30	BRGY	m	4	SAbi		PW																SAbi	
PGRC006	30	31	BRGY	m	4	SAbi		PW																SAbi	
PGRC006	31	32	BRGY	m	4	SAbi		PW																SAbi	
PGRC006	32	33	BRGY	m	4	SAbi		PW																SAbi	
PGRC006	33	34	BRGY	m	4	SAbi		PW																SAbi	
PGRC006	34	35	BRGY	m	4	SAbi		PW																SAbi	
PGRC006	35	36	BRGY	m	4	SAbi		PW																SAbi	
PGRC006	36	37	GYd	m	4	SA		PW			SI	S												SA/SI	
PGRC006	37	38	GYd	m	4	SA		PW			SI	S												SA/SI	
PGRC006	38	39	GYd	m	4	SA		PW			SI	S												SA/SI	
PGRC006	39	40	GYd	m	4	SAbi		PW			SI	M												SAbi/SI	
PGRC006	40	41	GYd	m	4	SAbi		PW			SI	M												SAbi/SI	
PGRC006	41	42	GYd	m	4	SAbi		PW			SI	M												SAbi/SI	
PGRC006	42	43	GYd	m	4	SA		FR			SI	M												SA/SI	
PGRC006	43	44	GYd	m	4	SAbi		FR			SI	M												SAbi/SI	
PGRC006	44	45	GYd	m	4	SAbi		FR			SI	S												SAbi/SI	
PGRC006	45	46	GYd	m	4	SAbi		FR			SI	S												SAbi/SI	
PGRC006	46	47	GYd	m	4	SAbi		FR			SI	S												SAbi/SI	
PGRC006	47	48	GYd	m	4	SAbi		FR			SI	S												SAbi/SI	
PGRC006	48	49	GYd	m	4	SA		FR			SI	S												SA/SI	
PGRC006	49	50	GYd	m	4	SAQ		FR																SAQ	
PGRC006	50	51	GYd	m	4	SA		FR			SI	S												SA/SI	
PGRC006	51	52	GYd	m	4	SA		FR			SI	S												SA/SI	
PGRC006	52	53	GYd	m	4	SAQ		FR																SAQ	
PGRC006	53	54	GYd	m	4	SAQ		FR																SAQ	
PGRC006	54	55	GYd	m	4	SAQ		FR																SAQ	
PGRC006	55	56	GYd	m	4	SAQ		FR																SAQ	
PGRC006	56	57	GYd	m	4	SAQ		FR																SAQ	
PGRC006	57	58	GYd	m	4	SAQ		FR																SAQ	
PGRC006	58	59	GYd	m	4	SAQ		FR																SAQ	
PGRC006	59	60	GYd	m	4	SAQ		FR																SAQ	
PGRC006	60	61	GYd	m	4	SAQ		FR																SAQ	
PGRC006	61	62	GYd	m	4	SAQ		FR																SAQ	
PGRC006	62	63	GYd	m	4	SAQ		FR																SAQ	
PGRC006	63	64	GYd	m	4	SAQ		FR																SAQ	
PGRC006	64	65	GYd	m	4	SAQ		FR																SAQ	
PGRC006	65	66	GYd	m	4	SAQ		FR																SAQ	
PGRC006	66	67	GYd	m	4	SAbi		FR			SI	W												SAbi/SI	
PGRC006	67	68	GYd	m	4	SAbi		FR			SI	W												SAbi/SI	
PGRC006	68	69	GYd	m	4	SAbi		FR			SI	W					py	tr						SAbi/SI/py	
PGRC006	69	70	GYd	m	4	SAbi		FR			SI	W					py	tr						SAbi/SI/py	
PGRC006	70	71	GYd	m	4	SAbi		FR			SI	W					py	tr						SAbi/SI/py	
PGRC006	71	72	GYd	m	4	SAbi		FR			SI	W					py	tr						SAbi/SI/py	
PGRC006	72	73	GYd	m	4	SAbi		FR			SI	W												SAbi/sh/SI	
PGRC006	73	74	GYd	m	4	SAbi		FR			SI	W												SAbi/sh/SI	
PGRC006	74	75	GYd	m	4	SAbi		FR			SI	W												SAbi/sh/SI	
PGRC006	75	76	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	
PGRC006	76	77	GYd	m	4	SAbi		FR	Q	tr	SI	M												SAbi/VQ/sh//SI	
PGRC006	77	78	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	
PGRC006	78	79	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	
PGRC006	79	80	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	
PGRC006	80	81	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	
PGRC006	81	82	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	
PGRC006	82	83	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	
PGRC006	83	84	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	
PGRC006	84	85	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	
PGRC006	85	86	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	
PGRC006	86	87	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	

Hole ID	From	To	Colour	Grainsize	Hardness	Lith 1	Lith 2	Weathering	Vein	Vein %	Alt 1	Alt1 I	Alt 2	Alt 2 I	Alt 3	Alt 3 I	Min 1	Min 1 %	Min 2	Min 2 %	Min 3	Min 3 %	Min Style	Lithcode	Comments
PGRC006	87	88	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	
PGRC006	88	89	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	
PGRC006	89	90	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	
PGRC006	90	91	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	
PGRC006	91	92	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	
PGRC006	92	93	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	
PGRC006	93	94	GYd	m	4	SAbi		FR			SI	M					py	tr						SAbi/sh/SI/py	
PGRC006	94	95	GYd	m	4	SAbi		FR			SI	M												SAbi/sh/SI	
PGRC006	95	96	GYd	f	4	SAbi		FR																SAbi	graphitic
PGRC006	96	97	GYd	f	4	SAbi		FR																SAbi	graphitic
PGRC006	97	98	GYd	f	4	SAbi		FR																SAbi	graphitic
PGRC006	98	99	GYd	f	4	SAbi		FR																SAbi	graphitic
PGRC006	99	100	GYd	m	4	SAbi		FR			SI	M												SAbi/SI	

APPENDIX 8

ASSAY RESULTS

Hole ID	Sample No	From	To	Mag Suss	Ag ppm	As ppm	Au ppb	Cu ppm	Fe ppm	K ppm	Pb ppm	U ppm	Zn ppm
PGRC001	30001	0	1	21	0.05	38	0.001	185	53617	37813	30	5	21
PGRC001	30002	1	2	14	<0.05	17	0.007	124	37600	44807	22	4	28
PGRC001	30003	2	3	15	<0.05	10	<0.001	88	40869	36363	11	4	23
PGRC001	30004	3	4	16	<0.05	9	<0.001	117	42309	42513	17	4	41
PGRC001	30005	4	5	19	<0.05	<0.1	<0.001	162	34562	32999	25	4	46
PGRC001	30006	5	6	18	<0.05	<0.1	<0.001	251	46341	47604	34	6	61
PGRC001	30007	6	7	50	0.05	3	0.001	314	46815	37776	20	5	44
PGRC001	30008	7	8	35	<0.05	2	0.001	527	50093	44435	21	5	64
PGRC001	30009	8	9	45	0.07	1	0.005	594	42835	36911	29	5	57
PGRC001	30010	9	10	34	<0.05	6	<0.001	456	43701	31432	14	5	33
PGRC001	30011	10	11	35	<0.05	3	0.001	476	39035	40203	16	5	25
PGRC001	30012	11	12	38	<0.05	3	<0.001	545	37705	36363	19	5	39
PGRC001	30013	12	13	50	<0.05	2	0.001	466	35396	37971	24	5	36
PGRC001	30014	13	14	46	<0.05	3	<0.001	606	38702	44407	28	5	52
PGRC001	30015	14	15	54	<0.05	7	0.005	769	36992	39999	20	5	41
PGRC001	30016	15	16	35	0.08	16	<0.001	552	39396	41738	18	5	28
PGRC001	30017	16	17	38	0.07	8	<0.001	416	41282	41160	20	4	52
PGRC001	30018	17	18	29	0.11	4	<0.001	311	49115	43127	24	6	26
PGRC001	30019	18	19	62	<0.05	5	<0.001	265	40994	37983	30	5	29
PGRC001	30020	19	20	37	<0.05	3	<0.001	272	34216	31441	23	4	37
PGRC001	30021	20	21	38	<0.05	4	0.002	419	37125	44649	62	5	45
PGRC001	30022	21	22	52	<0.05	5	0.001	350	39602	40439	26	6	31
PGRC001	30023	22	23	48	<0.05	3	<0.001	210	46178	44569	24	5	40
PGRC001	30024	23	24	45	<0.05	3	<0.001	161	44661	42958	23	5	44
PGRC001	30025	24	25	13	0.09	8	0.001	166	42217	47746	19	6	35
PGRC001	30026	25	26	34	0.1	13	<0.001	188	38978	49606	23	5	18
PGRC001	30027	26	27	20	0.08	22	0.002	318	47253	48325	15	6	25
PGRC001	30028	27	28	12	0.13	25	0.003	359	45020	47895	22	6	31
PGRC001	30029	28	29	19	0.06	13	<0.001	360	46370	40439	9	6	24
PGRC001	30030	29	30	19	<0.05	16	0.001	369	48079	44916	12	5	28
PGRC001	30031	30	31	33	<0.05	15	<0.001	473	29051	31432	11	5	17
PGRC001	30032	31	32	38	<0.05	10	<0.001	193	17311	32002	6	5	4
PGRC001	30033	32	33	65	<0.05	3	<0.001	187	18808	45201	12	6	6
PGRC001	30034	33	34	63	0.12	9	<0.001	306	17954	22719	3	4	5
PGRC001	30035	34	35	80	<0.05	11	<0.001	545	38037	40190	24	5	49
PGRC001	30036	35	36	34	0.34	11	<0.001	333	38421	35366	15	5	53
PGRC001	30037	36	37	22	<0.05	15	0.001	252	37403	43287	23	5	41
PGRC001	30038	37	38	22	0.13	8	0.009	183	36434	33586	26	5	46
PGRC001	30039	38	39	23	0.07	23	0.003	183	40878	48397	22	5	39
PGRC001	30040	39	40	27	<0.05	18	<0.001	123	44296	44035	12	7	54
PGRC001	30041	40	41	19	<0.05	39	<0.001	46	31463	51726	33	6	23
PGRC001	30042	41	42	19	<0.05	34	<0.001	171	35627	32447	6	6	19
PGRC001	30043	42	43	33	<0.05	26	<0.001	110	19009	39627	6	4	8
PGRC001	30044	43	44	30	<0.05	55	0.002	76	25421	38260	7	2	4
PGRC001	30045	44	45	35	0.27	142	0.002	4035	32536	37831	12	9	20
PGRC001	30046	45	46	52	0.08	29	0.001	1055	25041	33972	8	4	25
PGRC001	30047	46	47	62	<0.05	255	<0.001	125	26713	33061	6	4	15
PGRC001	30048	47	48	58	0.09	171	0.002	102	26200	31406	4	5	14
PGRC001	30049	48	49	72	<0.05	26	<0.001	166	20575	31512	4	5	13
PGRC001	30050	49	50	65	0.05	28	0.002	90	21887	38474	4	4	9
PGRC001	30051	50	51	115	0.06	8	<0.001	243	19807	28272	4	4	11
PGRC001	30052	51	52	93	0.08	8	0.01	144	21764	34670	2	5	10
PGRC001	30053	52	53	85	0.3	36	0.001	791	15746	35624	8	5	10
PGRC001	30054	53	54	68	<0.05	10	<0.001	151	12511	34410	4	5	9
PGRC001	30055	54	55	78	<0.05	15	<0.001	158	23205	37226	6	5	12
PGRC001	30056	55	56	75	<0.05	60	<0.001	219	18011	40585	9	6	6
PGRC001	30057	56	57	60	0.06	47	0.001	555	32660	40566	8	5	8
PGRC001	30058	57	58	87	0.14	126	0.006	564	26552	34605	8	5	10
PGRC001	30059	58	59	89	<0.05	40	0.001	120	13280	40129	0	5	3

Hole ID	Sample No	From	To	Mag Suss	Ag ppm	As ppm	Au ppb	Cu ppm	Fe ppm	K ppm	Pb ppm	U ppm	Zn ppm
PGRC001	30060	59	60	87	0.05	32	0.001	109	13090	33303	2	4	5
PGRC001	30061	60	61	84	0.07	13	<0.001	164	25621	48713	17	5	13
PGRC001	30062	61	62	80	0.05	12	<0.001	86	28547	39060	14	5	12
PGRC001	30063	62	63	67	0.05	2	<0.001	26	39323	37538	22	5	19
PGRC001	30064	63	64	45	<0.05	3	<0.001	27	29858	37956	13	7	17
PGRC001	30065	64	65	253	0.09	8	<0.001	230	30146	27855	8	3	10
PGRC001	30066	65	66	43	<0.05	5	0.001	47	38113	42845	6	5	16
PGRC001	30067	66	67	40	0.05	3	<0.001	187	29430	56162	12	5	40
PGRC001	30068	67	68	54	0.05	5	<0.001	90	34874	51522	11	6	16
PGRC001	30069	68	69	93	<0.05	7	<0.001	55	22149	38285	8	4	12
PGRC001	30070	69	70	36	<0.05	11	0.001	71	47043	55409	20	5	43
PGRC001	30071	70	71	36	<0.05	5	0.001	35	38721	49029	15	5	29
PGRC001	30072	71	72	37	0.05	13	<0.001	35	41723	43955	12	4	30
PGRC001	30073	72	73	49	0.08	13	<0.001	765	29972	76725	10	12	22
PGRC001	30074	73	74	58	0.07	9	0.004	88	30998	41515	12	4	22
PGRC001	30075	74	75	53	0.35	46	0.001	300	34332	44435	408	8	82
PGRC001	30076	75	76	66	0.14	20	0.005	35	40536	47225	75	6	59
PGRC001	30077	76	77	65	0.17	19	0.007	50	75477	43840	42	4	74
PGRC001	30078	77	78	120	0.26	28	0.001	73	83875	36381	55	5	146
PGRC001	30079	78	79	105	0.07	8	0.001	126	31112	29388	24	4	43
PGRC001	30080	79	80	96	<0.05	5	<0.001	23	39738	41887	16	4	43
PGRC001	30081	80	81	95	0.05	8	<0.001	15	39139	37441	16	4	50
PGRC001	30082	81	82	69	0.1	2	<0.001	39	89964	50759	68	7	74
PGRC001	30083	82	83	97	0.23	24	0.01	30	63868	33005	68	6	60
PGRC001	30084	83	84	105	0.29	19	0.004	40	40374	31099	93	5	64
PGRC001	30085	84	85	80	0.09	2	0.006	36	55118	62319	24	10	81
PGRC001	30086	85	86	50	0.14	6	0.004	20	42702	59055	54	7	65
PGRC001	30087	86	87	97	0.31	22	<0.001	105	33275	26448	40	4	39
PGRC001	30088	87	88	101	0.13	6	<0.001	28	28005	37051	60	6	40
PGRC001	30089	88	89	101	0.22	19	0.002	26	40639	37760	22	6	34
PGRC001	30090	89	90	92	0.34	28	0.001	89	86920	29759	22	5	82
PGRC001	30091	90	91	137	0.31	31	<0.001	163	102837	18554	15	4	110
PGRC001	30092	91	92	46	0.45	50	0.002	122	83647	19845	100	5	103
PGRC001	30093	92	93	21	0.13	9	<0.001	26	58696	57492	59	12	82
PGRC001	30094	93	94	71	0.24	16	0.003	85	86886	38864	21	6	117
PGRC001	30095	94	95	30	0.38	30	0.008	213	94706	31050	35	4	128
PGRC001	30096	95	96	50	0.36	17	0.002	138	102549	28371	20	5	119
PGRC001	30097	96	97	58	0.49	48	<0.001	476	87467	36897	52	8	105
PGRC001	30098	97	98	102	0.28	32	0.005	68	86905	44426	33	5	105
PGRC001	30099	98	99	53	0.36	17	<0.001	101	78482	34681	47	5	100
PGRC001	30100	99	100	54	0.41	17	<0.001	96	87736	33462	35	5	87
PGRC001	30101	100	101	35	0.31	25	<0.001	100	94783	19595	32	4	72
PGRC001	30102	101	102	0	0.33	8	0.003	84	76015	35687	35	5	86
PGRC001	30103	102	103	46	0.52	11	0.005	68	76104	48536	50	6	81
PGRC001	30104	103	104	15	0.26	5	0.001	48	64869	45859	54	12	88
PGRC001	30105	104	105	42	0.4	15	0.006	72	79011	47346	35	5	99
PGRC001	30106	105	106	84	1.05	32	<0.001	238	83362	36158	116	4	103
PGRC001	30107	106	107	154	0.33	15	0.003	63	86430	37971	47	4	99
PGRC001	30108	107	108	127	0.36	12	<0.001	47	89252	32847	29	4	50
PGRC001	30109	108	109	42	0.36	20	0.007	76	77776	45653	31	5	73
PGRC001	30110	109	110	70	0.48	15	0.002	158	99957	34530	25	5	104
PGRC001	30111	110	111	71	0.3	29	0.001	100	78526	52061	64	6	96
PGRC001	30112	111	112	160	0.68	54	0.007	195	120592	27416	192	4	117
PGRC001	30113	112	113	167	0.97	24	0.003	105	135982	22115	227	3	109
PGRC001	30114	113	114	80	0.33	19	0.001	92	64704	35172	53	4	89
PGRC001	30115	114	115	15	0.71	15	0.001	101	72646	58934	46	8	138
PGRC001	30116	115	116	54	0.42	27	0.001	71	54159	41394	38	4	81
PGRC001	30117	116	117	54	<0.05	29	0.001	48	49960	45365	85	5	95
PGRC001	30118	117	118	93	0.16	16	<0.001	16	55745	49792	32	7	80

Hole ID	Sample No	From	To	Mag Suss	Ag ppm	As ppm	Au ppb	Cu ppm	Fe ppm	K ppm	Pb ppm	U ppm	Zn ppm
PGRC001	30119	118	119	23	0.07	12	0.003	7	53779	51894	25	7	96
PGRC001	30120	119	120	58	<0.05	3	<0.001	8	56680	56530	18	7	73
STD	30121	NA	NA	0	246.1	124	5.458	20436	36622	31322	9599	2	497
PGRC001	30122	6	7	8	0.38	6	0.001	297	45191	35274	19	4	37
PGRC001	30123	89	90	92	0.42	37	0.004	72	86430	21129	15	4	62
PGRC001	30124	111	112	56	0.64	40	0.006	142	119157	27917	145	4	86
PGRC002	30125	0	1	100	0.1	21	0.003	96	78298	36632	42	6	108
PGRC002	30126	1	2	25	0.09	17	0.004	46	110712	32401	22	4	223
PGRC002	30127	2	3	12	0.05	17	0.001	30	73355	32589	18	7	111
PGRC002	30128	3	4	18	<0.05	27	0.001	75	85442	16952	27	7	118
PGRC002	30129	4	5	11	0.06	30	<0.001	35	44584	23440	23	6	69
PGRC002	30130	5	6	23	0.31	26	<0.001	185	51986	12529	33	4	64
PGRC002	30131	6	7	30	0.05	13	0.004	18	81592	65964	46	6	75
PGRC002	30132	7	8	24	<0.05	8	0.002	7	72434	54733	47	6	69
PGRC002	30133	8	9	27	0.09	11	<0.001	54	55115	47630	47	5	22
PGRC002	30134	9	10	15	<0.05	3	<0.001	36	55442	54946	33	8	24
PGRC002	30135	10	11	12	<0.05	1	<0.001	20	51717	59129	34	9	22
PGRC002	30136	11	12	23	0.08	3	<0.001	19	36309	31023	18	3	33
PGRC002	30137	12	13	45	0.06	8	<0.001	36	36309	26092	10	3	21
PGRC002	30138	13	14	46	<0.05	9	0.004	138	36847	21304	31	5	36
PGRC002	30139	14	15	27	0.12	8	0.003	59	23685	19782	15	3	32
PGRC002	30140	15	16	21	<0.05	10	<0.001	24	23205	27792	11	5	16
PGRC002	30141	16	17	0	0.06	35	0.001	117	35311	48013	21	9	21
PGRC002	30142	17	18	4	0.05	11	<0.001	31	29743	34556	20	5	35
PGRC002	30143	18	19	30	<0.05	6	<0.001	14	21928	28362	19	5	18
PGRC002	30144	19	20	15	<0.05	11	<0.001	4	28366	43254	20	4	18
PGRC002	30145	20	21	21	<0.05	13	<0.001	12	25739	32732	18	6	11
PGRC002	30146	21	22	23	0.08	17	<0.001	17	43015	54656	33	5	26
PGRC002	30147	22	23	33	0.12	7	0.001	64	68789	23315	11	3	75
PGRC002	30148	23	24	36	0.08	10	<0.001	96	100547	24942	8	2	108
PGRC002	30149	24	25	35	<0.05	12	<0.001	32	57611	41934	43	6	40
PGRC002	30150	25	26	38	0.05	15	0.005	34	78555	49950	48	6	95
PGRC002	30151	26	27	65	0.05	26	0.003	76	113493	20263	12	4	72
PGRC002	30152	27	28	48	0.05	8	0.002	41	121653	27783	8	3	129
PGRC002	30153	28	29	36	0.09	12	<0.001	38	100357	27937	8	3	121
PGRC002	30154	29	30	42	0.11	42	0.002	131	125817	23761	11	5	88
PGRC002	30155	30	31	85	0.07	32	<0.001	23	43259	8960	7	1	17
PGRC002	30156	31	32	26	0.09	18	<0.001	61	42395	31370	24	10	34
PGRC002	30157	32	33	24	0.06	14	<0.001	66	29867	23519	13	5	29
PGRC002	30158	33	34	62	0.11	6	<0.001	185	56459	28638	47	4	101
PGRC002	30159	34	35	38	0.15	8	0.002	46	59773	35358	48	3	151
PGRC002	30160	35	36	54	0.25	10	0.001	141	74470	29787	31	6	121
PGRC002	30161	36	37	42	0.14	7	0.013	113	66984	37274	34	6	102
PGRC002	30162	37	38	43	0.08	7	<0.001	23	44383	34279	29	2	70
PGRC002	30163	38	39	58	0.06	2	0.001	23	54586	36976	31	3	97
PGRC002	30164	39	40	35	0.27	25	0.003	77	64181	34856	36	5	98
PGRC002	30165	40	41	97	0.19	11	<0.001	51	46341	30062	30	4	68
PGRC002	30166	41	42	68	0.39	25	0.007	66	56363	43635	135	7	129
PGRC002	30167	42	43	80	0.2	2	<0.001	39	47566	49317	28	8	77
PGRC002	30168	43	44	41	0.17	6	0.002	38	42901	53233	36	4	75
PGRC002	30169	44	45	58	0.14	12	<0.001	150	32717	29574	19	4	46
PGRC002	30170	45	46	81	0.21	18	0.004	169	35520	27174	20	4	28
PGRC002	30171	46	47	60	0.09	5	<0.001	21	33097	28950	11	6	27
PGRC002	30172	47	48	81	0.16	11	0.004	20	32964	35014	13	6	47
PGRC002	30173	48	49	85	0.1	5	0.006	14	28566	27667	16	3	51
PGRC002	30174	49	50	77	0.12	9	0.001	6	36840	36930	17	3	28
PGRC002	30175	50	51	103	0.23	10	<0.001	192	82811	22506	9	3	74
PGRC002	30176	51	52	84	0.33	17	<0.001	83	75743	23277	21	4	71
PGRC002	30177	52	53	124	0.26	23	0.004	67	108432	21492	31	4	55

Hole ID	Sample No	From	To	Mag Suss	Ag ppm	As ppm	Au ppb	Cu ppm	Fe ppm	K ppm	Pb ppm	U ppm	Zn ppm
PGRC002	30178	53	54	302	0.33	26	0.007	108	167332	12582	20	3	70
PGRC002	30179	54	55	103	0.05	15	0.002	8	110902	22450	5	2	110
PGRC002	30180	55	56	109	0.16	14	0.002	77	97941	20770	14	4	83
PGRC002	30181	56	57	198	0.11	13	0.001	45	130005	30462	20	7	124
PGRC002	30182	57	58	88	0.23	25	<0.001	127	107102	32540	44	4	161
PGRC002	30183	58	59	183	0.55	58	<0.001	214	46581	15955	165	4	87
PGRC002	30184	59	60	128	0.14	13	<0.001	25	46159	37262	54	6	62
PGRC002	30185	60	61	35	0.23	5	0.001	16	81563	63268	38	10	109
PGRC002	30186	61	62	46	0.08	1	<0.001	48	86699	60793	59	13	68
PGRC002	30187	62	63	116	0.19	11	0.001	35	40072	29065	22	4	22
PGRC002	30188	63	64	128	0.31	8	0.012	38	50018	17673	7	5	22
PGRC002	30189	64	65	159	0.08	0	<0.001	49	31019	10802	12	2	20
PGRC002	30190	65	66	105	0.29	7	0.003	38	71743	22087	22	5	69
PGRC002	30191	66	67	55	0.17	9	0.004	43	84302	35433	9	4	129
PGRC002	30192	67	68	66	0.28	9	0.001	78	87238	37599	30	6	118
PGRC002	30193	68	69	44	0.15	2	0.002	41	95848	35099	35	9	122
PGRC002	30194	69	70	85	0.53	35	0.002	135	95455	36915	1785	4	115
PGRC002	30195	70	71	77	0.5	33	<0.001	76	91266	44686	436	6	127
PGRC002	30196	71	72	206	0.84	39	0.002	166	55318	18042	140	3	72
PGRC002	30197	72	73	95	0.3	5	0.002	47	117837	23947	12	2	86
PGRC002	30198	73	74	66	0.23	14	0.011	57	103221	39015	30	6	82
PGRC002	30199	74	75	116	0.43	12	0.008	147	113182	26960	25	4	96
PGRC002	30200	75	76	42	0.25	8	0.002	86	81746	27739	40	4	79
PGRC002	30201	76	77	113	0.31	22	0.002	74	90534	32829	37	4	103
PGRC002	30202	77	78	105	0.15	9	0.003	20	91855	23287	18	3	80
PGRC002	30203	78	79	84	0.27	13	<0.001	34	85252	34382	35	4	111
PGRC002	30204	79	80	33	0.19	21	0.001	13	88112	48490	42	8	88
PGRC002	30205	80	81	190	0.35	16	0.001	157	124533	7931	31	2	47
PGRC002	30206	81	82	207	0.39	18	<0.001	58	99882	36967	56	2	59
PGRC002	30207	82	83	983	0.74	78	0.005	71	111852	42705	17	4	136
PGRC002	30208	83	84	932	0.34	29	0.005	11	76142	51801	51	4	116
PGRC002	30209	84	85	48	0.31	40	0.001	77	31547	32420	7	6	16
PGRC002	30210	85	86	45	0.96	137	<0.001	290	74280	32010	24	6	31
PGRC002	30211	86	87	85	0.24	24	0.015	109	92911	21366	18	5	49
PGRC002	30212	87	88	140	0.27	30	<0.001	68	86668	27900	31	5	63
PGRC002	30213	88	89	92	0.36	21	<0.001	70	87599	38111	48	6	64
PGRC002	30214	89	90	93	0.38	24	0.001	829	55413	37324	40	6	29
PGRC002	30215	90	91	71	0.5	27	0.006	60	84122	38632	49	5	93
PGRC002	30216	91	92	148	0.3	20	0.001	45	129332	23891	13	2	113
PGRC002	30217	92	93	140	0.31	32	0.01	63	85404	50266	49	5	83
PGRC002	30218	93	94	77	0.23	<0.1	0.002	64	50383	35918	26	6	40
PGRC002	30219	94	95	102	0.35	12	<0.001	118	84453	29821	24	4	87
PGRC002	30220	95	96	90	0.27	14	0.004	42	86202	47857	44	5	80
PGRC002	30221	96	97	89	0.29	17	0.006	74	88682	33786	98	3	83
PGRC002	30222	97	98	93	0.22	12	0.005	51	89385	48983	45	4	95
PGRC002	30223	98	99	139	0.54	15	0.002	59	120307	30225	27	3	90
PGRC002	30224	99	100	118	1.13	46	<0.001	112	78374	30597	28	4	38
PGRC002	30225	100	101	122	1.67	235	0.001	2624	55595	36132	37	7	19
PGRC002	30226	101	102	132	1.39	100	0.001	1402	46331	28709	54	5	18
PGRC002	30227	102	103	73	0.72	25	0.007	43	61103	39934	7	5	18
PGRC002	30228	103	104	136	1.42	132	0.008	912	58763	28478	24	5	20
PGRC002	30229	104	105	28	5.76	1849	0.023	22437	87105	49922	90	7	110
PGRC002	30230	105	106	58	2.02	368	0.004	6653	71186	29412	23	8	30
PGRC002	30231	106	107	88	0.36	36	<0.001	405	37269	39781	14	8	12
PGRC002	30232	107	108	89	0.49	32	0.005	1051	31912	36719	12	6	14
PGRC002	30233	108	109	27	0.31	40	<0.001	79	21813	36194	7	5	15
PGRC002	30234	109	110	93	0.44	40	0.005	472	34209	33024	11	4	20
PGRC002	30235	110	111	70	0.77	101	0.003	3622	95037	20422	21	4	29
PGRC002	30236	111	112	198	0.52	43	0.003	181	99217	30113	12	5	21

Hole ID	Sample No	From	To	Mag Suss	Ag ppm	As ppm	Au ppb	Cu ppm	Fe ppm	K ppm	Pb ppm	U ppm	Zn ppm
PGRC002	30237	112	113	82	0.99	116	0.011	660	36527	34047	16	4	12
PGRC002	30238	113	114	65	0.53	73	0.003	1019	24690	41115	20	7	21
PGRC002	30239	114	115	77	1.04	113	0.002	1293	12995	37293	56	4	9
PGRC002	30240	115	116	131	1.09	59	0.001	653	29535	37479	114	4	11
PGRC002	30241	116	117	157	0.8	90	<0.001	1679	43211	32874	93	6	21
PGRC002	30242	117	118	148	1.04	134	0.005	815	39681	43068	52	4	15
PGRC002	30243	118	119	199	0.49	49	0.001	278	45257	35674	42	4	23
PGRC002	30244	119	120	107	0.28	18	<0.001	138	48031	45393	95	6	59
STD	30245	NA	NA	0	250.66	154	5.772	17251	37372	32057	9348	1	444
PGRC002	30246	5	6	0	0.46	33	0.006	263	47195	6559	35	3	46
PGRC002	30247	80	81	175	0.06	12	0.001	227	128477	1266	37	1	29
PGRC002	30248	104	105	24	5.79	1638	0.021	19459	94838	50173	74	6	86
PGRC003	30249	0	1	11	0.07	11	3	253	34988	38367	39	4	82
PGRC003	30250	1	2	19	0.1	6	2	115	36208	38784	22	4	91
PGRC003	30251	2	3	9	0.06	10	3	183	42977	52905	27	6	126
PGRC003	30252	3	4	16	<0.05	19	4	62	42008	44828	73	4	170
PGRC003	30253	4	5	11	0.06	18	3	106	28107	37399	18	3	27
PGRC003	30254	5	6	15	<0.05	9	4	67	35998	44874	21	4	47
PGRC003	30255	6	7	19	<0.05	7	3	30	33177	39440	24	3	97
PGRC003	30256	7	8	26	<0.05	5	1	26	30788	36731	16	3	54
PGRC003	30257	8	9	14	0.05	10	7	68	29758	42589	16	3	40
PGRC003	30258	9	10	20	<0.05	8	1	98	34228	46347	22	6	58
PGRC003	30259	10	11	19	0.09	9	4	98	24227	23524	18	2	29
PGRC003	30260	11	12	27	<0.05	5	2	115	21408	21106	23	4	61
PGRC003	30261	12	13	23	0.05	7	1	175	31307	45699	37	5	69
PGRC003	30262	13	14	39	0.07	8	2	154	33318	41359	34	5	57
PGRC003	30263	14	15	16	0.05	16	2	57	40328	41220	24	4	50
PGRC003	30264	15	16	26	0.1	14	<1	69	32467	37799	32	5	109
PGRC003	30265	16	17	23	<0.05	12	2	22	39678	47960	43	5	66
PGRC003	30266	17	18	26	0.08	20	1	37	44118	51498	43	6	50
PGRC003	30267	18	19	24	DIP	DIP	DIP	DIP	DIP	DIP	DIP	DIP	DIP
PGRC003	30268	19	20	35	<0.05	11	<1	14	27178	40663	25	5	55
PGRC003	30269	20	21	23	<0.05	24	<1	73	39958	51657	21	5	63
PGRC003	30270	21	22	32	0.08	28	4	264	30248	43169	22	4	52
PGRC003	30271	22	23	38	0.19	69	11	162	27697	31614	14	3	32
PGRC003	30272	23	24	35	0.09	66	<1	120	30087	35716	18	4	38
PGRC003	30273	24	25	31	0.1	27	1	96	32287	32424	12	3	37
PGRC003	30274	25	26	35	<0.05	14	7	69	25148	32578	15	4	41
PGRC003	30275	26	27	30	<0.05	8	<1	93	44138	43784	18	6	38
PGRC003	30276	27	28	49	<0.05	9	3	50	28980	40802	8	5	16
PGRC003	30277	28	29	41	<0.05	10	<1	50	28370	36842	11	4	19
PGRC003	30278	29	30	33	<0.05	6	10	24	27818	35791	13	4	29
PGRC003	30279	30	31	36	0.09	9	3	50	34978	35001	7	4	29
PGRC003	30280	31	32	33	0.09	11	3	21	33778	37311	10	4	29
PGRC003	30281	32	33	31	<0.05	34	2	33	35758	46545	9	5	34
PGRC003	30282	33	34	32	0.46	49	8	221	27228	52437	12	10	25
PGRC003	30283	34	35	39	0.13	110	10	69	34288	40652	5	6	24
PGRC003	30284	35	36	46	0.14	34	7	25	21838	36047	10	4	9
PGRC003	30285	36	37	56	0.07	41	6	32	29338	30537	7	6	17
PGRC003	30286	37	38	21	0.68	24	<1	46	36058	27277	8	5	26
PGRC003	30287	38	39	38	0.21	38	<1	52	15538	36951	7	6	10
PGRC003	30288	39	40	35	0.06	118	<1	11	14218	43007	5	6	5
PGRC003	30289	40	41	42	0.08	61	<1	192	18418	45234	8	5	20
PGRC003	30290	41	42	31	0.08	19	4	725	14028	34945	6	3	5
PGRC003	30291	42	43	78	0.09	23	3	1163	19127	40029	9	4	16
PGRC003	30292	43	44	77	0.6	28	5	9367	23417	40429	7	6	4
PGRC003	30293	44	45	31	0.09	23	3	2228	36778	40710	7	5	25
PGRC003	30294	45	46	39	<0.05	87	2	125	33748	39329	8	6	23
PGRC003	30295	46	47	38	<0.05	25	1	139	35618	32636	10	4	21

Hole ID	Sample No	From	To	Mag Suss	Ag ppm	As ppm	Au ppb	Cu ppm	Fe ppm	K ppm	Pb ppm	U ppm	Zn ppm
PGRC003	30296	47	48	46	0.05	23	3	82	44828	34794	9	4	17
PGRC003	30297	48	49	75	<0.05	22	<1	147	35500	26442	7	4	29
PGRC003	30298	49	50	90	<0.05	34	1	37	31108	15457	4	2	22
PGRC003	30299	50	51	33	0.25	51	2	50	38488	38111	6	7	31
PGRC003	30300	51	52	86	0.22	37	2	368	15230	24412	4	4	8
PGRC003	30301	52	53	73	0.19	105	3	266	12038	32625	3	5	7
PGRC003	30302	53	54	31	<0.05	60	1	75	27168	37056	8	5	24
PGRC003	30303	54	55	92	<0.05	49	11	122	23128	36105	6	4	21
PGRC003	30304	55	56	42	0.08	12	24	119	23358	44573	15	4	20
PGRC003	30305	56	57	66	<0.05	52	<1	261	19340	49572	11	5	12
PGRC003	30306	57	58	54	<0.05	18	1	38	39890	56712	28	5	41
PGRC003	30307	58	59	42	<0.05	15	1	72	38460	46662	15	5	22
PGRC003	30308	59	60	38	<0.05	26	1	104	24688	46336	5	4	10
PGRC003	30309	60	61	58	<0.05	32	3	92	34788	40431	11	5	26
PGRC003	30310	61	62	53	<0.05	41	<1	173	31670	42502	9	4	16
PGRC003	30311	62	63	35	<0.05	39	1	76	33980	43052	6	6	10
PGRC003	30312	63	64	46	0.42	207	3	1196	31678	41417	9	5	14
PGRC003	30313	64	65	27	<0.05	26	1	143	32498	48876	6	4	13
PGRC003	30314	65	66	51	<0.05	12	4	87	17928	38274	5	4	10
PGRC003	30315	66	67	85	<0.05	11	5	87	41808	46347	5	4	22
PGRC003	30316	67	68	49	0.05	11	1	105	45708	46672	4	4	16
PGRC003	30317	68	69	35	<0.05	9	3	130	37238	40779	4	4	12
PGRC003	30318	69	70	54	0.12	20	2	273	37917	41165	7	3	8
PGRC003	30319	70	71	64	0.15	25	5	204	39167	38167	7	4	18
PGRC003	30320	71	72	51	0.13	19	<1	698	27697	41797	4	5	9
PGRC003	30321	72	73	26	0.08	22	<1	132	58930	56912	7	9	30
PGRC003	30322	73	74	38	3.35	897	21	21891	64938	40397	24	8	50
PGRC003	30323	74	75	53	0.39	82	3	1474	52228	34399	9	4	19
PGRC003	30324	75	76	155	2.07	45	7	99	68477	15582	11	3	14
PGRC003	30325	76	77	46	0.1	19	7	79	25358	42322	6	5	12
PGRC003	30326	77	78	72	0.1	22	<1	237	37170	34432	8	5	23
PGRC003	30327	78	79	112	0.18	16	16	44	29698	44631	12	7	18
PGRC003	30328	79	80	38	0.1	27	1	88	16100	40222	6	6	12
PGRC003	30329	80	81	120	0.17	41	<1	171	27330	20592	9	3	20
PGRC003	30330	81	82	47	0.17	18	<1	87	30867	38346	16	5	69
PGRC003	30331	82	83	87	0.19	11	<1	31	30817	31866	11	4	19
PGRC003	30332	83	84	60	0.05	7	1	67	30438	45385	22	7	32
PGRC003	30333	84	85	86	0.39	35	1	477	50920	25932	22	5	55
PGRC003	30334	85	86	105	0.15	20	1	133	73548	31929	20	4	72
PGRC003	30335	86	87	125	0.13	26	3	90	105028	25328	15	5	100
PGRC003	30336	87	88	106	0.42	34	2	691	49648	29504	107	6	40
PGRC003	30337	88	89	67	0.17	10	1	104	55717	51822	44	9	42
PGRC003	30338	89	90	65	0.5	20	1	320	43958	27637	18	5	26
PGRC003	30339	90	91	135	0.43	30	4	566	84468	23553	49	3	93
PGRC003	30340	91	92	81	0.3	11	<1	80	88798	26117	12	5	75
PGRC003	30341	92	93	104	0.52	18	<1	94	93228	32103	32	4	103
PGRC003	30342	93	94	84	0.46	28	<1	145	72888	43471	46	8	87
PGRC003	30343	94	95	127	0.71	27	9	190	180970	20122	23	2	70
PGRC003	30344	95	96	125	0.28	27	7	78	75518	39445	32	4	57
PGRC003	30345	96	97	82	0.38	15	<1	74	87588	40524	58	5	95
PGRC003	30346	97	98	178	0.34	11	<1	64	85598	36151	37	4	88
PGRC003	30347	98	99	113	0.41	22	2	115	115670	34932	31	5	111
PGRC003	30348	99	100	115	0.44	12	<1	69	79338	43134	38	4	88
PGRC003	30349	100	101	87	0.31	9	2	33	68238	51115	37	9	85
PGRC003	30350	101	102	116	0.26	7	3	43	68898	40977	35	7	84
PGRC003	30351	102	103	66	0.88	11	<1	105	76157	35832	118	4	59
PGRC003	30352	103	104	113	0.23	6	2	40	86777	36979	42	4	90
PGRC003	30353	104	105	92	0.22	10	1	78	88948	34504	33	5	91
PGRC003	30354	105	106	272	0.28	10	1	55	88658	41000	36	7	93

Hole ID	Sample No	From	To	Mag Suss	Ag ppm	As ppm	Au ppb	Cu ppm	Fe ppm	K ppm	Pb ppm	U ppm	Zn ppm
PGRC003	30355	106	107	113	0.57	23	3	81	75918	42206	147	5	83
PGRC003	30356	107	108	102	0.3	16	2	97	81908	36743	67	4	93
PGRC003	30357	108	109	75	0.31	10	1	35	73588	39341	30	5	66
PGRC003	30358	109	110	104	0.2	14	1	63	77358	29481	32	3	72
PGRC003	30359	110	111	294	0.36	46	3	67	129628	19853	25	3	65
PGRC003	30360	111	112	160	0.46	33	<1	36	85720	47562	485	5	144
PGRC003	30361	112	113	127	0.4	30	5	88	75590	37392	107	5	86
PGRC003	30362	113	114	71	0.2	8	<1	60	63560	42582	25	7	57
PGRC003	30363	114	115	74	0.51	27	<1	44	52940	38632	406	5	72
PGRC003	30364	115	116	117	0.32	22	<1	55	51030	37702	159	5	71
PGRC003	30365	116	117	105	1.52	40	<1	206	62780	41702	4916	6	66
PGRC003	30366	117	118	67	0.21	7	<1	25	45540	38312	354	6	56
PGRC003	30367	118	119	72	0.26	14	1	38	40980	38812	142	4	52
PGRC003	30368	119	120	107	0.38	39	3	34	46270	36452	271	6	81
STD	30369	NA	NA	0	IS	164	IS	18206	34368	32659	9233	2	479
PGRC003	30370	84	85	63	0.34	45	2	623	27008	28425	22	5	27
PGRC003	30371	89	90	69	0.57	30	1	530	55340	31852	35	5	41
PGRC003	30372	110	111	237	0.41	75	2	90	144728	13809	30	3	54
PGRC004	30373	0	1	9	0.06	8	<1	86	15250	24742	26	3	9
PGRC004	30374	1	2	15	<0.05	6	1	37	11678	27602	15	2	7
PGRC004	30375	2	3	5	<0.05	3	1	32	10540	26952	30	3	9
PGRC004	30376	3	4	0	<0.05	7	<1	34	13998	30537	28	3	6
PGRC004	30377	4	5	7	<0.05	7	3	28	15558	31604	11	4	7
PGRC004	30378	5	6	4	<0.05	5	<1	36	15380	33112	30	4	8
PGRC004	30379	6	7	25	<0.05	8	4	43	18448	44132	25	6	10
PGRC004	30380	7	8	28	<0.05	4	12	77	8638	20522	27	2	8
PGRC004	30381	8	9	36	<0.05	4	3	130	11048	23959	22	3	7
PGRC004	30382	9	10	50	0.07	4	<1	117	9281	19972	21	2	5
PGRC004	30383	10	11	35	<0.05	8	2	166	12630	31032	36	5	8
PGRC004	30384	11	12	26	<0.05	10	3	127	21458	71102	53	8	13
PGRC004	30385	12	13	29	<0.05	13	<1	66	18538	53029	27	5	13
PGRC004	30386	13	14	26	<0.05	15	<1	110	27558	65661	60	6	14
PGRC004	30387	14	15	27	<0.05	10	2	147	19030	34592	49	4	11
PGRC004	30388	15	16	23	<0.05	14	9	97	18418	29237	20	3	10
PGRC004	30389	16	17	24	<0.05	13	10	98	23568	41278	29	4	13
PGRC004	30390	17	18	84	<0.05	8	5	115	16988	27637	12	3	10
PGRC004	30391	18	19	17	<0.05	13	1	219	25107	45215	12	7	21
PGRC004	30392	19	20	50	0.05	8	<1	123	16530	34642	6	3	9
PGRC004	30393	20	21	25	<0.05	8	17	153	20658	41835	24	4	26
PGRC004	30394	21	22	26	<0.05	13	1	187	28768	61207	62	6	29
PGRC004	30395	22	23	31	0.06	10	<1	221	20588	45872	22	4	19
PGRC004	30396	23	24	45	0.08	11	3	228	21267	33286	15	3	18
PGRC004	30397	24	25	50	<0.05	16	<1	162	19470	41412	20	3	14
PGRC004	30398	25	26	35	<0.05	33	3	498	32418	51881	34	7	25
PGRC004	30399	26	27	31	0.05	25	<1	276	23308	44642	23	5	17
PGRC004	30400	27	28	24	0.09	19	<1	285	25388	55152	27	4	25
PGRC004	30401	28	29	38	3.92	21	14	185	33978	45002	30	4	26
PGRC004	30402	29	30	45	0.4	26	1	55	26968	59571	32	5	13
PGRC004	30403	30	31	62	0.24	31	2	65	29308	56822	27	5	22
PGRC004	30404	31	32	54	0.24	30	2	42	34298	37729	9	5	25
PGRC004	30405	32	33	35	0.11	14	2	406	22280	43272	5	10	17
PGRC004	30406	33	34	38	0.46	38	6	302	23047	46709	9	7	7
PGRC004	30407	34	35	18	0.13	25	2	199	20128	44283	7	9	11
PGRC004	30408	35	36	11	0.22	25	4	148	15747	45152	16	9	18
PGRC004	30409	36	37	16	0.67	54	5	427	14488	42438	11	9	13
PGRC004	30410	37	38	31	3.07	508	21	4013	35978	34852	38	7	12
PGRC004	30411	38	39	12	0.56	84	4	871	22837	45426	19	8	13
PGRC004	30412	39	40	21	0.12	16	<1	116	15628	42299	13	7	9
PGRC004	30413	40	41	26	0.12	18	<1	178	19508	42195	13	7	10

Hole ID	Sample No	From	To	Mag Suss	Ag ppm	As ppm	Au ppb	Cu ppm	Fe ppm	K ppm	Pb ppm	U ppm	Zn ppm
PGRC004	30414	41	42	33	0.58	54	8	553	30008	43853	19	7	25
PGRC004	30415	42	43	86	0.18	32	8	257	17557	26543	10	4	15
PGRC004	30416	43	44	316	0.09	12	1	69	18138	43563	15	5	12
PGRC004	30417	44	45	18	0.13	22	5	64	18578	37125	11	5	11
PGRC004	30418	45	46	12	0.11	19	3	50	10148	52913	20	7	9
PGRC004	30419	46	47	54	0.14	24	4	226	16610	53572	21	7	16
PGRC004	30420	47	48	77	0.07	18	2	92	13958	53412	20	7	10
PGRC004	30421	48	49	31	0.11	8	1	23	12138	39967	7	7	8
PGRC004	30422	49	50	75	0.11	5	13	19	10340	19952	6	5	10
PGRC004	30423	50	51	65	<0.05	6	<1	14	9369	29512	5	5	8
PGRC004	30424	51	52	37	0.06	10	2	184	14940	54742	11	11	15
PGRC004	30425	52	53	65	0.06	7	1	136	7838	24882	6	4	7
PGRC004	30426	53	54	76	<0.05	9	5	357	12470	29072	6	4	14
PGRC004	30427	54	55	62	0.12	21	3	292	25568	34562	6	5	11
PGRC004	30428	55	56	33	0.94	87	15	608	42810	51622	18	8	11
PGRC004	30429	56	57	77	0.62	46	10	399	20498	27753	10	4	10
PGRC004	30430	57	58	59	0.21	24	3	176	10777	24787	11	3	26
PGRC004	30431	58	59	33	0.17	44	1	119	25468	56915	32	9	23
PGRC004	30432	59	60	37	21.09	6795	26	12242	47848	43795	156	17	28
PGRC004	30433	60	61	58	0.99	391	63	1030	18547	30351	21	6	12
PGRC004	30434	61	62	81	0.2	43	8	150	9125	29365	5	6	5
PGRC004	30435	62	63	62	0.49	51	14	332	16468	40095	17	8	7
PGRC004	30436	63	64	82	0.26	20	5	775	9491	51637	87	7	7
PGRC004	30437	64	65	36	0.05	13	<1	450	13240	68302	77	10	15
PGRC004	30438	65	66	68	0.15	23	8	324	7895	33854	19	5	13
PGRC004	30439	66	67	87	0.09	22	1	281	7390	34272	14	4	15
PGRC004	30440	67	68	78	<0.05	24	1	83	35848	44468	92	7	53
PGRC004	30441	68	69	83	0.08	12	3	28	50498	36035	13	7	80
PGRC004	30442	69	70	82	0.23	12	1	51	87218	53783	24	9	119
PGRC004	30443	70	71	60	0.2	17	<1	69	54208	69466	64	9	77
PGRC004	30444	71	72	84	0.09	11	3	44	39847	67843	48	7	51
PGRC004	30445	72	73	135	0.07	18	5	30	27178	45164	19	4	40
PGRC004	30446	73	74	88	0.07	32	2	14	21648	30015	11	3	33
PGRC004	30447	74	75	102	0.27	23	4	60	42427	41534	23	4	49
PGRC004	30448	75	76	91	0.27	14	4	67	31608	36534	19	3	23
PGRC004	30449	76	77	87	0.5	22	2	145	29168	28019	13	2	13
PGRC004	30450	77	78	89	0.27	19	<1	42	25678	32323	14	3	14
PGRC004	30451	78	79	36	0.27	17	3	55	22838	29411	14	3	12
PGRC004	30452	79	80	37	0.19	30	2	148	30338	36279	37	3	23
PGRC004	30453	80	81	78	0.76	61	4	420	37360	55202	37	5	21
PGRC004	30454	81	82	88	0.15	33	3	88	35420	38152	22	3	44
PGRC004	30455	82	83	50	0.19	18	2	105	52918	70974	56	6	66
PGRC004	30456	83	84	68	0.18	8	4	64	66558	64699	36	7	101
PGRC004	30457	84	85	81	0.23	20	<1	46	31878	44445	21	4	39
PGRC004	30458	85	86	97	0.17	27	1	128	23818	38216	20	3	29
PGRC004	30459	86	87	56	0.11	21	<1	165	39290	59982	27	7	38
PGRC004	30460	87	88	127	0.24	112	1	297	17848	30386	15	4	16
PGRC004	30461	88	89	112	0.29	82	2	317	16830	37682	20	4	15
PGRC004	30462	89	90	140	0.35	53	1	421	10600	38012	17	5	10
PGRC004	30463	90	91	167	0.1	17	3	133	8172	17289	6	3	8
PGRC004	30464	91	92	65	0.34	23	4	1545	10948	52031	13	10	7
PGRC004	30465	92	93	88	0.12	8	4	394	7814	56579	21	8	14
PGRC004	30466	93	94	9	0.05	10	<1	207	11800	45832	14	6	9
PGRC004	30467	94	95	33	0.09	9	3	32	23738	56869	17	8	23
PGRC004	30468	95	96	36	0.05	9	<1	11	39360	64082	20	9	42
PGRC004	30469	96	97	39	<0.05	5	<1	11	25620	64772	43	10	27
PGRC004	30470	97	98	72	<0.05	4	<1	10	25030	60022	42	9	29
PGRC004	30471	98	99	81	<0.05	4	<1	92	32110	48322	34	7	43
PGRC004	30472	99	100	82	0.06	15	3	16	33537	37157	45	6	35

Hole ID	Sample No	From	To	Mag Suss	Ag ppm	As ppm	Au ppb	Cu ppm	Fe ppm	K ppm	Pb ppm	U ppm	Zn ppm
PGRC004	30473	100	101	135	0.08	12	<1	18	26818	33947	33	5	30
PGRC004	30474	101	102	73	<0.05	8	<1	15	32608	44700	42	7	29
PGRC004	30475	102	103	135	0.1	9	<1	15	29698	35606	38	5	37
PGRC004	30476	103	104	65	0.08	4	<1	6	27358	33750	33	5	36
PGRC004	30477	104	105	110	0.11	6	<1	91	28478	46869	28	7	25
PGRC004	30478	105	106	93	1.6	16	6	61	31368	47879	25	8	27
PGRC004	30479	106	107	141	0.82	102	7	80	35528	35525	2182	7	173
PGRC004	30480	107	108	177	0.55	25	21	46	25278	30026	428	6	48
PGRC004	30481	108	109	181	0.08	14	<1	30	24728	46266	76	5	37
PGRC004	30482	109	110	140	0.12	55	<1	19	31658	43853	57	5	55
PGRC004	30483	110	111	117	0.06	25	<1	9	42518	31940	125	7	87
PGRC004	30484	111	112	84	0.05	16	<1	33	50548	40431	125	7	155
PGRC004	30485	112	113	89	0.08	17	1	17	45738	35954	45	7	107
PGRC004	30486	113	114	179	0.07	34	3	11	23418	21883	49	5	51
PGRC004	30487	114	115	212	0.07	5	<1	12	15768	25038	34	3	34
PGRC004	30488	115	116	208	0.07	5	<1	13	10708	18032	35	2	15
PGRC004	30489	116	117	220	0.25	10	2	13	15058	31441	17	7	16
PGRC004	30490	117	118	136	0.16	11	24	9	11668	27277	4	5	8
PGRC004	30491	118	119	144	0.05	6	2	44	15738	20769	8	5	11
PGRC004	30492	119	120	106	0.36	10	6	301	16918	30235	6	6	13
STD	30493	NA	NA	0	111.13	157	6190	19046	34908	33170	9473	2	471
PGRC004	30494	38	39	21	0.58	85	2	735	21138	48911	27	9	15
PGRC004	30495	59	60	29	19.73	3686	48	9033	34208	24771	85	15	12
PGRC004	30496	68	69	81	0.14	14	1	33	49878	35803	14	7	85
PGRC005	30497	0	1	21	0.07	13	1	85	32137	44668	58	5	38
PGRC005	30498	1	2	23	0.09	9	3	73	24367	56787	77	5	68
PGRC005	30499	2	3	214	0.05	6	<1	39	21277	53263	58	5	49
PGRC005	30500	3	4	19	<0.05	2	<1	13	15557	56902	47	5	42
PGRC005	30501	4	5	15	0.07	5	2	35	13187	45889	49	5	32
PGRC005	30502	5	6	14	0.06	6	7	63	13787	46225	44	4	50
PGRC005	30503	6	7	27	0.06	3	2	32	18124	24372	22	3	37
PGRC005	30504	7	8	26	0.11	3	2	69	23347	25239	21	2	65
PGRC005	30505	8	9	24	0.07	8	2	132	26287	22346	20	3	43
PGRC005	30506	9	10	25	0.12	13	2	123	75077	65265	52	10	154
PGRC005	30507	10	11	16	0.07	11	<1	87	42847	76458	70	8	80
PGRC005	30508	11	12	19	0.13	3	1	26	21387	38472	24	3	34
PGRC005	30509	12	13	25	<0.05	2	2	18	18527	23367	12	2	33
PGRC005	30510	13	14	21	0.06	2	<1	13	22147	25586	14	2	41
PGRC005	30511	14	15	12	0.15	6	4	38	69607	59964	46	7	106
PGRC005	30512	15	16	41	0.16	11	<1	19	44357	39461	31	5	57
PGRC005	30513	16	17	40	0.05	8	<1	17	34547	33328	21	3	67
PGRC005	30514	17	18	42	<0.05	2	<1	21	24207	26985	12	2	45
PGRC005	30515	18	19	58	0.08	4	2	132	38127	42522	33	4	96
PGRC005	30516	19	20	31	0.07	6	3	59	37107	37946	32	4	56
PGRC005	30517	20	21	37	0.18	5	1	37	28937	27974	14	3	27
PGRC005	30518	21	22	38	0.16	14	1	175	38457	40092	30	4	53
PGRC005	30519	22	23	33	0.2	9	1	100	73987	74628	58	9	52
PGRC005	30520	23	24	37	0.26	17	9	115	87837	67012	46	10	86
PGRC005	30521	24	25	36	0.12	9	1	130	44967	63645	53	6	44
PGRC005	30522	25	26	39	0.08	17	3	32	26167	33833	23	3	28
PGRC005	30523	26	27	42	0.8	8	1	5	28917	29657	10	3	28
PGRC005	30524	27	28	27	0.09	3	<1	25	36797	56313	40	6	58
PGRC005	30525	28	29	21	0.1	4	3	77	43747	61815	40	9	60
PGRC005	30526	29	30	31	<0.05	5	1	11	13077	28342	10	3	11
PGRC005	30527	30	31	32	0.05	10	<1	45	30337	43154	31	6	27
PGRC005	30528	31	32	42	0.06	3	1	21	22767	34359	28	4	25
PGRC005	30529	32	33	53	0.11	5	2	202	22017	32045	25	4	23
PGRC005	30530	33	34	72	0.09	2	1	11	28077	57155	48	7	34
PGRC005	30531	34	35	66	0.35	7	3	18	26707	51222	45	5	24

Hole ID	Sample No	From	To	Mag Suss	Ag ppm	As ppm	Au ppb	Cu ppm	Fe ppm	K ppm	Pb ppm	U ppm	Zn ppm
PGRC005	30532	35	36	78	0.12	8	<1	119	24654	30483	21	5	21
PGRC005	30533	36	37	79	<0.05	5	<1	124	12734	27343	7	3	30
PGRC005	30534	37	38	92	0.11	10	2	11	16014	26703	7	3	11
PGRC005	30535	38	39	58	0.1	17	<1	7	24464	32992	13	3	14
PGRC005	30536	39	40	104	0.08	16	1	17	17167	25428	18	4	13
PGRC005	30537	40	41	93	0.07	14	<1	29	20534	21589	15	4	8
PGRC005	30538	41	42	86	0.11	6	<1	63	19054	20676	10	6	10
PGRC005	30539	42	43	103	0.71	7	<1	124	17447	17991	17	5	23
PGRC005	30540	43	44	84	0.12	5	<1	167	22844	15531	12	5	16
PGRC005	30541	44	45	85	2.63	6	13	262	16357	21115	9	4	19
PGRC005	30542	45	46	106	<0.05	4	1	63	21544	20224	20	4	9
PGRC005	30543	46	47	151	0.05	6	1	29	13764	19920	21	4	9
PGRC005	30544	47	48	121	0.1	7	<1	58	17264	24561	15	6	12
PGRC005	30545	48	49	110	0.26	16	4	21	22894	42190	27	3	17
PGRC005	30546	49	50	64	0.43	4	<1	92	23627	38998	31	3	14
PGRC005	30547	50	51	52	0.16	4	<1	8	35904	47808	27	6	40
PGRC005	30548	51	52	72	0.64	6	4	6	26644	35281	14	2	32
PGRC005	30549	52	53	65	0.22	7	1	94	71494	68020	47	8	81
PGRC005	30550	53	54	70	0.16	14	1	125	37994	34998	20	4	44
PGRC005	30551	54	55	66	0.42	16	2	323	36274	35229	28	4	44
PGRC005	30552	55	56	63	0.51	5	1	29	25797	26733	18	2	43
PGRC005	30553	56	57	102	0.22	17	1	13	32954	20886	11	2	26
PGRC005	30554	57	58	72	0.83	9	5	33	69047	41754	30	5	33
PGRC005	30555	58	59	57	0.54	7	2	14	61487	34780	19	5	24
PGRC005	30556	59	60	80	0.11	5	1	5	24537	22914	5	2	10
PGRC005	30557	60	61	79	0.2	10	<1	30	35014	49057	51	7	35
PGRC005	30558	61	62	88	0.24	18	1	123	45634	74268	70	8	63
PGRC005	30559	62	63	77	0.53	27	<1	62	61554	38116	19	6	104
PGRC005	30560	63	64	83	0.31	32	<1	204	26174	24519	33	3	44
PGRC005	30561	64	65	163	1.18	12	6	84	25837	27143	34	3	42
PGRC005	30562	65	66	123	0.5	14	12	51	13627	25323	35	4	31
PGRC005	30563	66	67	112	0.21	9	1	25	22224	47692	53	7	48
PGRC005	30564	67	68	173	0.25	6	<1	10	15734	36951	39	3	27
PGRC005	30565	68	69	221	0.15	5	<1	23	10567	24397	21	4	16
PGRC005	30566	69	70	288	0.23	13	<1	11	9930	18859	23	4	7
PGRC005	30567	70	71	131	0.07	6	1	7	30394	46432	45	8	33
PGRC005	30568	71	72	91	0.44	8	22	15	45504	56827	61	10	50
PGRC005	30569	72	73	100	0.1	6	<1	5	39374	64387	68	10	50
PGRC005	30570	73	74	151	0.1	7	<1	6	42054	49320	51	10	51
PGRC005	30571	74	75	167	0.14	7	<1	8	30774	27805	24	7	29
PGRC005	30572	75	76	144	1.36	5	45	9	41044	41161	44	9	45
PGRC005	30573	76	77	203	0.12	7	<1	12	20984	23070	37	6	23
PGRC005	30574	77	78	167	0.43	10	2	20	28107	29499	31	6	38
PGRC005	30575	78	79	52	0.31	11	1	87	30854	56449	48	8	41
PGRC005	30576	79	80	66	0.75	29	4	409	33487	39188	22	8	29
PGRC005	30577	80	81	87	0.23	19	1	104	10374	31669	6	6	6
PGRC005	30578	81	82	72	1.91	54	9	251	19577	35895	20	6	10
PGRC005	30579	82	83	97	0.09	11	1	246	11154	45876	19	7	12
PGRC005	30580	83	84	98	0.12	13	<1	38	14584	29926	23	4	13
PGRC005	30581	84	85	81	0.05	23	<1	349	43854	56481	109	7	86
PGRC005	30582	85	86	39	0.21	7	<1	38	27237	57418	62	10	56
PGRC005	30583	86	87	69	0.11	6	<1	196	19554	41812	26	6	33
PGRC005	30584	87	88	88	0.34	8	1	131	17044	46926	37	7	18
PGRC005	30585	88	89	36	0.05	7	<1	73	10494	55452	12	11	10
PGRC005	30586	89	90	73	0.85	32	10	169	12944	39628	13	7	6
PGRC005	30587	90	91	56	0.39	22	3	110	9616	41807	14	6	14
PGRC005	30588	91	92	81	0.56	28	2	164	7998	47803	21	7	10
PGRC005	30589	92	93	89	0.33	21	1	266	12687	39914	35	6	26
PGRC005	30590	93	94	86	0.12	7	1	23	21754	43356	33	8	30

Hole ID	Sample No	From	To	Mag Suss	Ag ppm	As ppm	Au ppb	Cu ppm	Fe ppm	K ppm	Pb ppm	U ppm	Zn ppm
PGRC005	30591	94	95	960	0.43	15	2	39	47277	32255	27	5	58
PGRC005	30592	95	96	73	0.22	10	<1	38	34494	36940	24	6	53
PGRC005	30593	96	97	74	0.28	14	<1	61	61124	32373	20	5	79
PGRC005	30594	97	98	171	0.23	16	2	55	12654	20361	9	3	8
PGRC005	30595	98	99	62	0.34	14	1	102	45114	38295	11	8	31
PGRC005	30596	99	100	76	0.81	37	1	339	26604	34147	21	5	16
PGRC005	30597	100	101	152	7.29	296	32	5861	28107	23177	42	4	21
PGRC005	30598	101	102	146	4.3	147	38	1445	27344	24466	50	3	22
PGRC005	30599	102	103	96	2.28	66	14	753	23477	35117	40	5	21
PGRC005	30600	103	104	87	0.9	28	6	148	18427	34759	21	5	16
PGRC005	30601	104	105	58	0.94	24	7	191	17357	35685	37	5	19
PGRC005	30602	105	106	70	0.16	94	1	1241	32124	33286	20	5	28
PGRC005	30603	106	107	93	0.36	18	<1	348	21304	27007	13	4	23
PGRC005	30604	107	108	86	0.43	16	<1	195	24174	25957	42	4	34
PGRC005	30605	108	109	56	0.22	7	2	62	15657	17108	18	2	45
PGRC005	30606	109	110	74	0.71	16	19	48	30974	34966	39	8	35
PGRC005	30607	110	111	54	0.54	21	1	360	31007	31751	136	8	50
PGRC005	30608	111	112	35	0.25	19	<1	205	32607	44952	61	10	45
PGRC005	30609	112	113	202	0.14	11	<1	77	21287	21989	49	6	49
PGRC005	30610	113	114	240	0.18	11	<1	18	17477	18780	83	5	106
PGRC005	30611	114	115	124	0.46	35	4	31	19647	19001	500	3	99
PGRC005	30612	115	116	171	0.49	57	<1	41	29064	33528	1710	5	120
PGRC005	30613	116	117	87	0.7	23	3	35	16987	30372	1331	6	59
PGRC005	30614	117	118	211	1.98	519	6	67	23557	23630	7598	3	715
PGRC005	30615	118	119	167	0.28	74	6	45	74944	19237	702	11	183
PGRC005	30616	119	120	65	0.32	97	2	491	65384	23416	48	12	106
STD	30617	NA	NA	0	285.67	139	9298	16745	32347	30194	9437	1	475
PGRC005	30618	44	45	45	0.07	7	<1	213	15454	18187	9	4	16
PGRC005	30619	77	78	167	0.21	10	<1	16	26874	27879	34	6	35
PGRC005	30620	100	101	102	9.66	394	36	9114	28237	20242	54	3	26
PGRC006	30621	0	1	9	<0.05	5	<1	17	25844	27102	31	5	38
PGRC006	30622	1	2	19	<0.05	4	1	11	22644	29370	21	4	30
PGRC006	30623	2	3	27	0.07	4	<1	9	22684	28918	18	4	33
PGRC006	30624	3	4	12	0.08	6	<1	6	20924	29401	25	4	22
PGRC006	30625	4	5	8	0.06	8	<1	6	24854	40615	12	4	18
PGRC006	30626	5	6	11	<0.05	7	1	78	36044	48564	39	5	66
PGRC006	30627	6	7	33	0.2	5	<1	8	19527	26344	28	3	38
PGRC006	30628	7	8	18	<0.05	28	<1	7	29044	35418	21	3	35
PGRC006	30629	8	9	26	0.05	6	<1	18	25014	27574	31	4	50
PGRC006	30630	9	10	20	0.05	7	<1	12	23024	22954	24	4	39
PGRC006	30631	10	11	10	0.06	11	<1	75	22174	27648	29	4	30
PGRC006	30632	11	12	9	0.33	27	2	285	27937	32150	21	5	26
PGRC006	30633	12	13	12	0.1	17	1	304	30567	30330	28	5	43
PGRC006	30634	13	14	22	0.16	32	<1	156	30357	30720	37	5	46
PGRC006	30635	14	15	21	0.12	5	<1	17	28204	35310	20	5	36
PGRC006	30636	15	16	18	<0.05	6	<1	6	25884	36247	21	5	33
PGRC006	30637	16	17	16	<0.05	12	2	12	30514	38032	18	5	20
PGRC006	30638	17	18	23	0.1	7	2	12	27394	33496	18	5	33
PGRC006	30639	18	19	53	0.11	3	5	15	25994	30010	28	4	38
PGRC006	30640	19	20	75	0.06	3	1	46	25854	29821	41	4	35
PGRC006	30641	20	21	71	0.09	3	1	12	26184	29349	36	5	24
PGRC006	30642	21	22	63	0.1	4	<1	30	25584	28194	17	5	18
PGRC006	30643	22	23	74	<0.05	3	1	70	23477	26375	34	5	22
PGRC006	30644	23	24	70	<0.05	3	<1	21	22417	24576	21	4	16
PGRC006	30645	24	25	56	<0.05	6	<1	7	23127	27869	20	4	20
PGRC006	30646	25	26	48	<0.05	7	2	63	27394	30945	15	3	23
PGRC006	30647	26	27	41	0.2	4	3	25	26947	29678	19	5	27
PGRC006	30648	27	28	39	0.07	7	<1	25	31617	32771	18	4	22
PGRC006	30649	28	29	50	0.05	4	5	7	29254	32814	12	4	16

Hole ID	Sample No	From	To	Mag Suss	Ag ppm	As ppm	Au ppb	Cu ppm	Fe ppm	K ppm	Pb ppm	U ppm	Zn ppm
PGRC006	30650	29	30	54	0.05	4	1	5	25594	27900	16	5	24
PGRC006	30651	30	31	67	<0.05	4	1	11	21107	23630	42	4	24
PGRC006	30652	31	32	92	0.07	4	1	7	24324	25537	51	4	22
PGRC006	30653	32	33	58	<0.05	6	2	6	30674	28771	13	4	26
PGRC006	30654	33	34	125	0.07	12	2	6	31477	23167	12	4	20
PGRC006	30655	34	35	58	0.24	5	3	5	38377	24587	8	4	19
PGRC006	30656	35	36	54	0.05	7	3	5	38107	34612	18	4	23
PGRC006	30657	36	37	32	0.07	7	2	5	35984	35323	208	5	29
PGRC006	30658	37	38	47	0.07	9	<1	5	35027	28553	13	5	25
PGRC006	30659	38	39	105	0.05	6	1	5	26807	32434	19	3	30
PGRC006	30660	39	40	112	0.31	5	2	7	27444	24508	14	3	23
PGRC006	30661	40	41	102	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
PGRC006	30662	41	42	91	<0.05	4	3	7	31547	22220	8	3	19
PGRC006	30663	42	43	65	0.19	4	1	5	39704	28540	6	3	20
PGRC006	30664	43	44	55	0.09	2	<1	5	39567	33676	11	4	28
PGRC006	30665	44	45	52	0.16	4	<1	4	38587	47708	20	4	65
PGRC006	30666	45	46	65	0.1	14	1	242	41644	43797	21	4	56
PGRC006	30667	46	47	72	<0.05	5	1	42	41474	33024	19	4	55
PGRC006	30668	47	48	152	<0.05	6	1	20	27844	23941	36	3	42
PGRC006	30669	48	49	247	<0.05	11	<1	8	23164	21085	11	2	22
PGRC006	30670	49	50	168	0.1	5	<1	4	39537	27269	12	3	22
PGRC006	30671	50	51	171	0.12	4	<1	6	29127	26933	8	2	20
PGRC006	30672	51	52	136	<0.05	5	1	6	26567	37252	18	2	22
PGRC006	30673	52	53	124	0.14	8	2	17	26734	28299	24	3	30
PGRC006	30674	53	54	144	0.08	6	1	9	29094	30735	18	3	31
PGRC006	30675	54	55	196	0.08	6	<1	8	29717	26701	23	3	50
PGRC006	30676	55	56	407	0.28	9	<1	7	23687	22809	37	3	52
PGRC006	30677	56	57	118	<0.05	15	1	5	21784	21957	32	3	49
PGRC006	30678	57	58	338	0.09	12	2	8	24177	25355	61	3	49
PGRC006	30679	58	59	348	0.09	13	<1	13	28597	23987	127	3	87
PGRC006	30680	59	60	189	0.08	9	1	9	29587	26743	110	3	63
PGRC006	30681	60	61	271	0.15	36	2	43	26744	19216	32	4	42
PGRC006	30682	61	62	255	0.12	17	<1	21	23237	19811	18	3	43
PGRC006	30683	62	63	221	0.05	9	<1	10	28734	27333	12	2	27
PGRC006	30684	63	64	262	0.07	5	4	10	33447	32182	12	3	29
PGRC006	30685	64	65	142	0.12	11	2	5	30307	24271	9	3	25
PGRC006	30686	65	66	122	0.15	16	<1	6	29194	25348	8	3	22
PGRC006	30687	66	67	85	0.09	4	3	6	25297	19495	15	4	26
PGRC006	30688	67	68	97	<0.05	19	<1	7	28584	20077	16	3	36
PGRC006	30689	68	69	90	0.27	13	11	13	34864	25999	56	3	54
PGRC006	30690	69	70	74	0.18	5	<1	86	57604	39544	36	4	83
PGRC006	30691	70	71	73	0.05	3	<1	12	49087	30173	18	5	45
PGRC006	30692	71	72	71	0.17	5	4	23	46257	36821	23	4	68
PGRC006	30693	72	73	67	0.23	3	2	4	42384	36636	46	4	72
PGRC006	30694	73	74	57	0.08	5	2	2	40354	35743	23	4	72
PGRC006	30695	74	75	72	0.05	7	1	264	40487	34948	65	4	294
PGRC006	30696	75	76	72	0.11	9	<1	2	35457	28532	25	4	57
PGRC006	30697	76	77	85	0.11	14	1	7	34714	28362	17	4	41
PGRC006	30698	77	78	74	0.1	14	<1	4	35814	32614	17	4	46
PGRC006	30699	78	79	92	0.13	13	4	5	30527	26880	15	4	44
PGRC006	30700	79	80	114	0.06	15	1	6	30557	30646	18	4	52
PGRC006	30701	80	81	72	0.1	12	1	3	30287	28489	33	3	55
PGRC006	30702	81	82	90	0.55	9	3	4	32874	33202	40	4	48
PGRC006	30703	82	83	121	0.12	16	<1	18	30927	27890	72	4	52
PGRC006	30704	83	84	136	0.17	16	1	8	33127	28090	24	4	40
PGRC006	30705	84	85	231	0.07	8	1	7	26177	13605	25	3	51
PGRC006	30706	85	86	113	0.09	6	<1	52	29737	24166	13	4	21
PGRC006	30707	86	87	140	0.27	8	3	13	31824	23511	18	4	40
PGRC006	30708	87	88	135	0.11	8	<1	24	30727	23661	34	5	45

Hole ID	Sample No	From	To	Mag Suss	Ag ppm	As ppm	Au ppb	Cu ppm	Fe ppm	K ppm	Pb ppm	U ppm	Zn ppm
PGRC006	30709	88	89	84	0.33	12	16	15	31174	28467	60	4	54
PGRC006	30710	89	90	85	0.14	17	<1	20	33687	33234	43	4	49
PGRC006	30711	90	91	116	0.15	19	1	17	26027	24240	48	4	57
PGRC006	30712	91	92	96	0.16	7	<1	28	30617	24703	104	3	109
PGRC006	30713	92	93	114	0.18	5	<1	52	37864	31354	257	4	405
PGRC006	30714	93	94	127	0.24	11	<1	40	34837	32266	159	4	547
PGRC006	30715	94	95	115	0.2	11	2	29	35457	37978	118	4	227
PGRC006	30716	95	96	84	0.15	26	3	19	41587	49076	34	7	80
PGRC006	30717	96	97	54	0.1	18	1	10	31044	25726	7	3	19
PGRC006	30718	97	98	67	0.48	21	<1	104	34774	37990	2246	4	743
PGRC006	30719	98	99	82	1.36	13	8	42	29537	30320	2730	4	2318
PGRC006	30720	99	100	81	0.42	10	<1	26	33407	39503	1129	4	594
STD	30721	NA	NA	0	IS	177	IS	20908	34997	31235	9666	2	509
PGRC006	30722	55	56	238	0.08	11	<1	7	24544	21894	40	3	54
PGRC006	30723	68	69	97	0.26	11	<1	44	33647	24965	101	4	75
PGRC006	30724	95	96	81	0.14	23	<1	11	37924	43566	20	6	55

APPENDIX 9

STANDARD DETAILS

GEOSTATS PTY LTD

Sample and Assay Monitoring Services

Certified Base Metal Reference Material Product Code

GBM999-3

Certified Control Values

Base Metal Analyses

Element	Grade	Standard Deviation	No of Analyses	Confidence Interval
Nickel (ppm)	29	6	56	+/- 1.6
Copper (ppm)	19591	566	67	+/- 135.5
Zinc (ppm)	482	24	60	+/- 6.1
Lead (ppm)	9942	478	62	+/- 119
Arsenic (ppm)	163	17	47	+/- 4.9
Cobalt (ppm)	156	14	55	+/- 3.7
Silver (ppm)	291.2	16.3	57	+/- 4.23

CRM Details

Control Statistic Details

Control statsitics were produced from results accumulated in the :

October-1999	Geostats Pty Ltd Laboratory Round Robin Program.
47	laboratories (at least) tested this material for base metal content.
1	laboratories tested this material using Neutron Activation Analysis.

Source Material

Prior to homogenisation and testing, this material was sourced from
Oxide Cap Rock ex Murchison

Colour Designation

Grayish orange pink

Usage

This product is for use in the mining industry as reference materials for monitoring and testing the accuracy of laboratory assaying.

Preparation and Packaging

All standards are dried in an oven for a minimum of 12 hours at 110C. The dry material is then pulverised to better than 75 micron (nominal mean of 45 micron) using an Air Classifier. The material is then homogenised and stored in a sealed, stable container ready for final packaging.

Materials are statistically sampled from stores, then packaged into either heat sealed, air tight, plastic pulp packets or screw top sealed plastic containers ready for distribution. All packaging has been chosen to ensure minimal contamination from outside sources during shipment, use and storage.

Assay Testwork

All standards are tested thoroughly in the Geostats bi-annual laboratory survey. This involves assaying by a minimum of 50 reputable laboratories selected from across the world. Results are compiled into a comprehensive report detailing statistics for each standard. Assay distributions are checked and processed statistically, producing monitoring statistics for these standards. Materials are tested regularly to ensure stability and homogeneity.

Neutron Activation Analysis Results (ppm)	
Antimony	23.10
Arsenic	157.00
Barium	123.00
Bromine	1.70
Cadmium	nr
Cerium	35.90
Caesium	1.39
Chromium	14.90
Cobalt	154.00
Europium	-0.50
Gold ppb	6960.00
Hafnium	1.36
Iridium ppb	-20.00
Iron %	3.23
Lanthanum	19.10
Lutetium	0.21
Molybendum	-5.00
Nickel	nr
Rubidium	440.00
Samarium	2.57
Scandium	1.57
Selenium	-5.00
Sodium %	0.86
Tantalum	-1.00
Tellurium	-5.00
Terbium	nr
Thorium	4.64
Tin	nr
Tungsten	12.10
Uranium	2.34
Ytterbium	1.43
Zinc	506.00
Zirconium	-500.00
Calcium%	-1.00
Potassium %	3.06
Silver	264.00
Mercury	nr
Neodymium	nr
Strontium	nr

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Website http://www.geostats.com.au

GBM999-3

Geostats Pty Ltd, Certified Base Metal Reference Material, Product Code :

APPENDIX 10

LABORATORY AND ANALYSIS DETAILS

Tenement	No. of Samples	Sample From	Sample To	Sample Type	Element (Analysis Technique)	Det Lmt	Unit	Lab	Location
EL24528	19	110278	110300	Rock Chips	Au (AR40ICPMS)	1	ppb	KalAssay	Perth
		110065	110071		Ag (AD02ICPMS)	0.01	ppm		
					As (AD02ICPMS)	0.1	ppm		
					Cu (AD02ICPMS)	0.05	ppm		
					Fe (AD02ICPMS)	100	ppm		
					K (AD02ICPMS)	200	ppm		
					Pb (AD02ICPMS)	0.1	ppm		
					U (AD02ICPMS)	0.002	ppm		
					Th (AD02ICPMS)	0.002	ppm		
					Zn (AD02ICPMS)	0.01	ppm		
EL24528	266	30001	30724	RC Drill Chips	Au (AR40ICPMS)	0.001	ppm	KalAssay	Perth
					As (AD02ICPMS)	0.1	ppm		
					Ag (AD02ICPMS)	0.01	ppm		
					Cu (AD02ICPMS)	0.05	ppm		
					Fe (AD02ICPMS)	100	ppm		
					K (AD02ICPMS)	200	ppm		
					Pb (AD02ICPMS)	0.1	ppm		
					Th (AD02ICPMS)	0.002	ppm		
					U (AD02ICPMS)	0.002	ppm		
					Zn (AD02ICPMS)	0.01	ppm		