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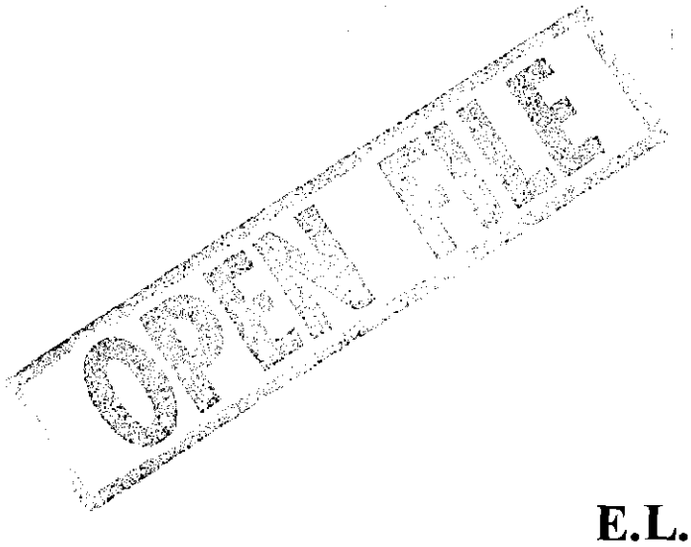

E.L. 9/96
"ANDERSONS CREEK"

Final Report on Exploration
June '97 to June'98

RESOLUTE LIMITED

00_4427

Final Report on Exploration June '97 to June '98 - EL 9/96
Resolute Limited*
Macdonald, G. EL9/96

Distribution:

1) [redacted]
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Grant MacDonald
B.Sc (Hons)
Project Geologist

164002

Table of Contents

Figures

Appendices

Tables

1.0 SUMMARY

Three zones of anomalous arsenic in soils on the Peaked Hill grid were drill tested with 720 metres of RC and 179.6 metres of shallow diamond drilling. The anomalies correspond in part to ironstone again anomalous in arsenic.

In spite of the lack of anomalous gold associated with the arsenic in both soils and rocks it was decided to test the anomalies to see whether they overlay gold bearing structures.

All drill assays were BDL (<10ppb).(Au)

The arsenic soil anomalies are considered to be derived from the ironstone which in turn is most probably a product of hydro geomorphic processes.

Whilst the source of the arsenic may still be a gold bearing structure, the potential for locating such a structure does not justify the expense of exploring for such a conceptual target. It is recommended that the licence be relinquished.

2.0 INTRODUCTION

2.1 Tenure and Land Usage

E.L. 9/96 "Andersons Creek" was granted to Resolute Limited on 29th June, 1997. There are a number of areas excluded from exploration within the licence, however, apart from RAP's no such areas have any real significance to exploration.

Most of the licence area is under private land with much of the rest of the area State Forest. There are a number of reserves and RAP's (some now resolved). The Peaked Hill grid lies partly within the Peaked Hill Forest Reserve and hence justifies more detailed scrutiny of proposed exploration programmes.

2.2 Location and Access

E.L. 9/96 lies in the northern part of Tasmania to the immediate west of Beaconsfield.

Access within the licence is by gravel forestry and country roads.

2.3 Topography and Vegetation

The western side of the licence consists of the foothills of the Asbestos Range. The rest of the licence can be thought of undulating hilly country.

There are a range of vegetation types present, however, dry sclerophyll is the dominant type. Part of the E.L. is under farmland and forestry.

3.0 EXPLORATION PHILOSOPHY

Resolute Limited's experience elsewhere in the north-east gold province has led to an understanding of the structural setting of gold mineralisation.

In particular, reefs are likely to strike east-north-east to north-east, occupying extensional structures within units with a favourable competency (finer grained siltstones). Less favourable but also likely are reefs striking north-north-west.

Out-cropping or sub-cropping reefs may be shedding pathfinder elements, particularly arsenic. Soil sampling should be effective in this area of generally good soil development.

4.0 REGIONAL GEOLOGY

The geology west of Beaconsfield is characterised by thrust fault bound slices of Precambrian to early Ordovician rocks with minor river gravel cover. Rocks included in these thrust slices consist of the Blyths Creek Formation (Cambrian) to Cabbage Tree Formation (Ordovician) conglomerates, grits, calcareous siltstones and pyritic shales; ultramafics with associated Cambrian sediments of the Andersons Creek Ultramafic Complex; Precambrian quartzites and phyllites of the Badger Head Group; and Cambrian chert, siltstones, sandstones and dolomites of the Port Sorell Formation.

The thrust bound units were brought together by westward directed thrusting in the middle Cambrian. Detrital chromite and quartzite clasts in the Ordovician sediments are taken to indicate that the Precambrian Badger Head Group and Andersons Creek Ultramafic Complex were exposed in the Ordovician.

Auriferous quartz reef formation at Beaconsfield and elsewhere in the north-east, took place in the mid Devonian Tabberrabberran Orogeny under a roughly north-east south-west compressive stress regime.

Deposition of these gold bearing reefs appears to have been structurally controlled within rocks whose competency was conducive to the formation of dilational zones, possibly with major thrust faults as plumbing systems to the deeper metamorphic source of mineralising fluids.

5.0 PREVIOUS EXPLORATION

There were a number of occurrences of mining within the E.L. last century but not for gold. Shallow shafts and pits in the southern part of the soil grid over the siltstones in the west were probably on gold prospects.

It is very unlikely that the rest of this area would have escaped prospecting activity with the rich Tasmania Reef outcropping in the next ridge to the east.

Previous exploration in the Andersons Creek area for gold has been minimal with Beaconsfield Gold Mines carrying out stream sediment BLEG sampling and a aeromagnetic survey, both surveys conducted in the late 1980's. CRAE carried out minor gold exploration in conjunction with their nickel exploration. This exploration included re-assaying core from SH1 with 3m @ 1g/t Au the best result. Reconnaissance soil sampling over the Cambrian siltstones returned results up to 0.4 ppm Au (only anomalous sample) and 217, 151 and 107 ppm As.

6.0 WORK DONE/RESULTS - DRILLING

6.1 Introduction

Work in the 1997/98 year consisted of drill testing the three arsenic soil anomalies defined on the Peaked Hill grid in the previous year, referred to as the northern, central and southern zones. This drilling took place in July 1997. Drillhole summaries are presented in Table 1 and locations plotted in Figure 1.

The drilling programme was planned and supervised by Wally Herrmann. Whilst RC drilling was the preferred option it was decided that the southern zone (see below), which lies within the Peaked Hill Forest Reserve, would be better tested with Nick Poltock's custom built man portable diamond drilling rig.

Seven 80 metre holes (for 560 metres) of RC drilling was proposed for the central zone with two 80 metre holes (for 160 metres) in a single fence over the northern zone. Two pairs of 50 metre diamond scissor holes (for 200 metres) were planned for the southern zone. Both programmes took place essentially concurrently. The field assistant for the work was Paul Vannini.

6.2 RC Drilling

The planning of the RC drilling programme is discussed in Wally Herrmann's Geological Note of 12th May 1997 "Proposed Peaked Hill Drill Sites and 'Scotts Hill DDH1'", included in Appendix B of last years annual report (June '96 - June '97), with its execution described in Wally Herrmann's detailed Geological Note of 31st July 1997 "Peaked Hill RC Drilling" included herein in Appendix A. Drill logs are included in Appendix B, sample record sheets in Appendix C and assay results in Appendix D.

All holes were drilled to 80 metres and samples on a spiked 4 metre composite basis.

The two holes drilled under the better of the anomalous arsenic soil peaks at the northern zone (PHRC1 & 2) intersected quartzitic sandstones>pelitic siltstone with numerous zones of 2-10% quartz (up to 40% over a metre). All gold values were BDL (<10ppb) Best arsenic results were;

PHRC1	24m - 44m, 20m @ 200ppm As
PHRC2	4m - 20m, 16m @ 180ppm As
	24m - 44m, 20m @ 169ppm As
	64m - 76m, 12m @ 127ppm As

The tenor of the arsenic levels in the drill holes satisfactorily explain the arsenic soil anomalism.

Seven holes were drilled into the main central arsenic soil anomaly. PHRC3 to 6, across the eastern part of the anomaly, intersected quartzitic sandstones with extensive zones of quartz veining which appear to diminish to the south. Again all gold assays were BDL (<10ppb) with best arsenic assays;

Table 1: Drillhole Details

Drill hole	AMG easting	AMG northing	RL(m.asl)	Azimuth (TN)	Dip	Total depth(m)
	survey information estimated from grid					
Northern zone RC						
PHRC1	482300.11	5435806.56	96	360	60	80
PHRC2	482315.48	5435772.53	96	360	60	80
Central Zone RC						
PHRC3	482453.7	5435132.5	132	328	60	80
PHRC4	482468.44	5435086.29	139	328	60	80
PHRC5	482482.96	5435051.73	143	328	60	80
PHRC6	482550.8	5434952.62	151	328	60	80
PHRC7	482403.46	5435037.42	140	193	60	80
PHRC8	482356.82	5435055.44	126	328	60	80
PHRC9	482339.33	5435026.82	119	328	60	80
Southern Zone diamond						
PHD1	482696	5434297.5	151.5	178	52	52.8
PHD2	482698	5434229.5	162.5	359	52	37.5
PHD3	482645	5434203	145.5	359	52	51.8
PHD4	482690	5434236	160	0	90	37.5

Northern Zone

Central Zone

Southern Zone

PHRC3

PHRC3

PHRC3

PHRC4

PHRC8

PHRC5

PHRC7

PHRC9

PHRC6

PHD1

PHD4

PHD2

PHD3

80

40

5435750 mN

5435500 mN

5435250 mN

5435000 mN

5434750 mN

5434500 mN

5434250 mN

5434000 mN

482250 mE

482500 mE

482750 mE

483000 mE

5 cm

Arsenic soil contours
at 40ppm and 80ppm

Resolute Limited

EL 9/96 - "Andersons Creek"

Peaked Hill Prospect
Drillhole Locations

Scale: 1:5000

Figure No. 1

164010

PHRC5 28m - 32m, 4m @ 329ppm As

PHRC6 48m - 60m, 12m @ 110ppm As

PHRC7 to 9, drilled across the western part of the anomaly, intersected sandstone and dark grey slate with a number of discrete milky quartz (to 80% quartz over 1 metre) veins. Gold assays were all BDL. Best arsenic results were;

PHRC7 24m - 28m, 4m @ 121ppm As

40m - 44m, 4m @ 256ppm As

PHRC8 12m - 20m, 8m @ 80ppm As

Again the tenor of arsenic assays in the drill holes satisfactorily explain the soil anomalism.

Wally recognises (see discussion in Appendix A) that there is a moderate correlation between limonite and arsenic and concludes that, in light of the lack of fresh arsenic bearing minerals, the anomalous arsenic is probably due remobilisation and precipitation from groundwater.

6.3 Shallow Diamond Drilling

The planning of the diamond drilling programme is discussed in Wally Herrmann's Geological Note of 12th May 1997 "Proposed Peaked Hill Drill Sites and 'Scotts Hill DDH1'", included in Appendix B of last years annual report (June '96 - June '97), with its execution described in Wally Herrmann's detailed Geological Note of 21st July 1997 "Peaked Hill Diamond Drilling, EL 9/96" included herein in Appendix A. Drill logs are included in Appendix B, sample record sheets in Appendix C and assay results in Appendix D.

Three of the four holes were drilled as planned. Due to the results of these three the fourth hole was drilled vertically through the top of an ironstone outcrop. The location of these holes is shown in Appendix A.

Results of the assaying of these holes were not available to Wally at the time of his writing his description though he concludes by saying that "there is nothing to encourage optimism".

PHD1 (52.8m), drilled underneath one of the major outcrops of ironstone, intersected a poorly lithified Permian sedimentary sequence.

PHD2 (37.5m), drilled back the other way underneath the same outcrop as PHD1, intersected ironstone from 0.7m to 8.7m before passing through a clayey zone into poorly lithified Permian sediments. Assays (8 assays) of the ironstone were all BDL for gold (<10pbb) with arsenic ranging from 104ppm to 174ppm.

PHD3 (51.8m), drilled under the peak of the arsenic soil anomaly, intersected poorly lithified Permian sediments as in PHD1.

PHD4 (37.5m), drilled vertically into the ironstone outcrop ~10 metres from the collar of PHD2 intersected ironstone to 5m before passing through a clayey rubble zone into the Permian sediments. Again all gold assays (4 assays) were BDL (<10ppb) with arsenic ranging from 214ppm to 455ppm.

No structures were intersected beneath the ironstone outcrops. The location of the ironstone above the rubbly and clayey rocks which in turn overlie the Permian sediments supports Wallys' conclusion that the arsenic anomalous ironstone (rock chips assayed up to 1813ppm) are a product of hydromorphic processes. Although this interpretation was favoured in last years annual report it was considered that such groundwater may have remobilised As (and associated anomalous Cu, Pb and Zn in rock chips) from an underlying mineralised structure. Whilst such an interpretation may still be valid no such structure was intersected in this drilling programme.

7.0 RECOMMENDATIONS

In the life of the licence Resolute Limited has carried the following work:

- Enhanced and interpreted existing aeromagnetic data defining a number of target zones.
- Gridded and soil sampled the Cambrian cherts and shales on the western side of the Andersons Creek Ultramafic Complex.
- Gridded and soil sampled both areas of outcropping Ordovician sediments interpreted to be correlates of the host sequence to the Tasmania Reef.
- Collected a large number of rock samples from all three areas.
- Drill tested the best arsenic soil anomalies generated from this soil sampling, these being on the Peaked Hill grid.

In all of this work the best gold assay has been 17ppb with the best historical result being the 3 metres @ 1g/t intersected in BHP DDH SH1.

Whilst a number of target zones defined in the aeromagnetic interpretation remain unexplored those considered to have the most potential lie beneath younger cover. There may be still be some potential to locate significant gold mineralisation, however, the cost of pursuing such conceptual targets does not justify further exploration. It is recommended that the licence be relinquished.

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Appendix 1

Geological Notes from Wally Herrmann regarding RC (31st July 1997) and Diamond Drilling (21st July 1997) including detailed discussion and sections.

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Mineral Exploration Geologist
57 Webberleys Road FORTH TASMANIA 7310
Tel & Fax: 03 64283255 AH: 03 64282807

GEOLOGICAL NOTE

To Grant MacDonald **Fax:**
Resolute Samantha Ltd, Zeehan, Tasmania

From Wally Herrmann

Date 21 July, 1997

Subject **Peaked Hill Diamond Drilling Programme; EL 9/96.**

Dear Grant,

Four diamond drill holes (PHD 1 to 4, totalling 179.6m) were drilled by Nick Poltock during the period 1 to 21 July, 1997 in the vicinity of outcrops of limonitic ironstones near 9000E 9300N on the Peaked Hill grid.

The objective of this short drilling programme was to test an easterly trending arsenic soil geochemical anomaly and elucidate the geological setting of the enigmatic ironstones which chip sampling has shown are also anomalous in arsenic.

Due to errors in the preliminary soil sampling grid (which I have not attempted to resolve) the grid locations of the diamond drill collars are not very meaningful. However, the relative positions of the hole collars, the ironstones and the 8900E and 9000E grid lines have been established by a rough tape and compass survey[1] of the area, and are as shown in Figure 1 (attached).

Collar azimuths and inclinations are:

Hole	Azimuth °M	Inclination
PHD1	165	-52°
PHD2	345	-52°
PHD3	345	-52°
PHD4	-	-90°

My brief graphic drill core logs are attached.

Holes PHD 1 & 3 intersected a similar sequence of massive to diffusely bedded or bioturbated, dark grey muddy sandstone with beds of fossiliferous calcareous sandstone and conglomeratic sandstone. The sediments are immature and poorly sorted. Pebbly clasts in conglomeratic sections are variably subangular to well rounded, always matrix supported and composed dominantly of metasedimentary schist and fine quartzite (some pyritic) with rare pebbles of possible ultramafics and one of fresh biotite granite (PHD 3, ~42m). The sandstones likewise are poorly sorted and fine sandy to coarse gritty (quartz?) grains are held in a matrix of soft black clay or mud. The black mud is probably carbonaceous and there are local traces of disseminated pyrite, probably detrital and diagenetic; apart from the paler grey calcareous sandstone units, the sediments appear to be pretty well reduced. Fossils are locally abundant, especially in the conglomeratic bands below ~40m in PHD1 and the most prominent appear to be flattish disc like or slender tube like corals and coarse ribbed "shells" - either bivalve molluscs or brachiopods - upto about 5cm in size. The sediments are not turbiditic or graded but relatively sharp boundaries between muddy and sandy units near the bottom of PHD3 suggest the sequence is upright. Core to bedding angles of ~30-40° in PHD1 and ~70-80° in PHD3 are consistent with a shallow southerly dip if the structure is simple. The muddy sediments, apart from the calcareous

[1] **Tape and Compass Survey Data:**

From Collar	To Collar	Slope Dist.	Slope	Horiz. Dist.	RL Difference
PHD1	PHD2	66m	+10°	65m	+11m
PHD2	PHD3	58.5m	-17°	56m	-17m
PHD2	PHD4	10m	-15°	9.5m	-2.5m

According to nearest grid markers: Collar PHD1 is at 9000E 9290N
Collar PHD3 is at 8905E 9272N

sandy units, are surprisingly unlithified and generally show no signs of cleavage or fissility although some segments developed a slight parting sub parallel to bedding upon drying in sunlight; in this regard they are quite unlike the dark grey-black fissile slates intersected in RC holes PHRC 7,8,9 to the north. The muddy matrix is generally very soft, easily scratched with a pencil and in places quite plastic so that one can nearly poke a finger into it; this might be some curious "weathering" phenomena but it is not oxidised - the base of oxidation is at only 10-15m below surface in all the core holes.

The possible shallow dip and low degree of lithification of this evidently shallow marine, intertidal? muddy sandstone sequence rather suggests it was deposited after Devonian deformation and I think it would be interesting to check this with some palaeontological expertise and comparison with other fossiliferous lithologies in the Beaconsfield area.

PHD1 passed about 30m vertically below the ironstone outcrop? near 9000E 9275N (Figure 2) but there is nothing exceptional in the core to suggest its origin. There is a moderate possibility that this ironstone and the one about 30m to the west, are large blocks which have rolled/slid down the slope from the ironstone on top of the spur tested by PHD2 & 4; both of the lower ironstones have prominent, wall like, northern faces 2-3m high.

PHD3 was designed mainly to test beneath the >80ppm arsenic soil geochem anomaly at 8900E 9300N although it would have passed about 15m east of the actual sample location due to its 345°M azimuth. There is no "mineralisation", quartz veining or fault structure in the core to suggest a source for the soil arsenic anomaly.

In consideration of this absence of mineralisation and the the similarity of lithologies in PHD1 & 3, I regarded another "scissor" hole (back towards PHD3 on a 165°M azimuth) to be superfluous and instead opted to drill the fourth hole vertically through the ironstone, in an attempt to get a better core recovery (than PHD2) through the weathered clayey rubble? zone and elucidate the relationship between the base of the ironstone and the underlying sequence.

PHDs 2 & 4 drilled through the southernmost ironstone cap indicate that massive to cavernous limonitic-siliceous ironstone (at that place) extends to only about 8m below the surface and is underlain by weathered oxidised clayey crud which could be either in situ weathered grey pelitic slate or weathered rubble and talus of slate (Figure 2). The core recovery through the weathered zone about 5-15m vertically below surface was pretty low in both holes; PHD4 unfortunately was no better than PHD2. I am uncertain as to whether it is some kind of fault cataclasite, rubble and talus or in situ weathering; in any case, the recognisable rock fragments are pale grey to buff coloured, weathered, fissile, pelitic slate with local kernels of less oxidised dark grey to black colour, identical to the slates intersected in PHRCs 7,8 & 9, ~800m to the north northwest.

The underlying rock in both PHD2 & 4 is unlithified, massive to diffusely bedded or bioturbated, dark grey, locally pebbly, muddy sandstone, clearly related to the lithology intersected in the upper parts of PHD1 & 3. PHD2 has no fossiliferous units but the lower 5m of PHD4 contains a similar shelly and coral fauna to the sequence in PHD1 & 3. Black muddy sandstone in PHD4 is notably pyritic and I estimate that 0.2% pyrite is pretty generally distributed through the muddy matrix; fine sandy laminae near ~20m appear to contain traces of detrital granular pyrite. Similar minor pyrite may exist in the core from the other holes but may not have been observed (since I logged those holes on overcast days).

Obtuse bedding to core angles of ~80° in PHD2 and 70° in PHD4 are consistent with the inferred shallow southerly dip. The bedding in (vertical) PHD4 indicates a shallow dip, whatever the direction of strike of the formation.

These drill holes indicate that the ironstone bodies are not related to any proximal subsurface mineralisation - neither sulphide or quartz reef - and I am still inclined to interpret them as some kind of hydromorphic phenomenon probably related to surfacing and oxidation of reduced ground water. The underlying muddy sediments are certainly reduced and carry traces of pyrite; these may be restricted to a discrete unit or younger? formation which has locally modified ground water chemistry.

I consider that "1m every 5m" sampling of core from holes PHD 1, 3 and 4 and continuous sampling (1m intervals) of the ironstones (0-10m in PHD2 and 0-5m in PHD4) should be adequate to test for any "sniffs" of mineralisation - but there is nothing to encourage optimism. The samples should be analysed for Au, As, Cu, Pb, Zn and Fe.

with regards,

N.B. 12 1m split core samples from PHD 2; 0.7m - 8.7m + PHD 4; 0.3m - 5.0m were assayed for Au + As - results were not available to Wally at the time of this memo GM

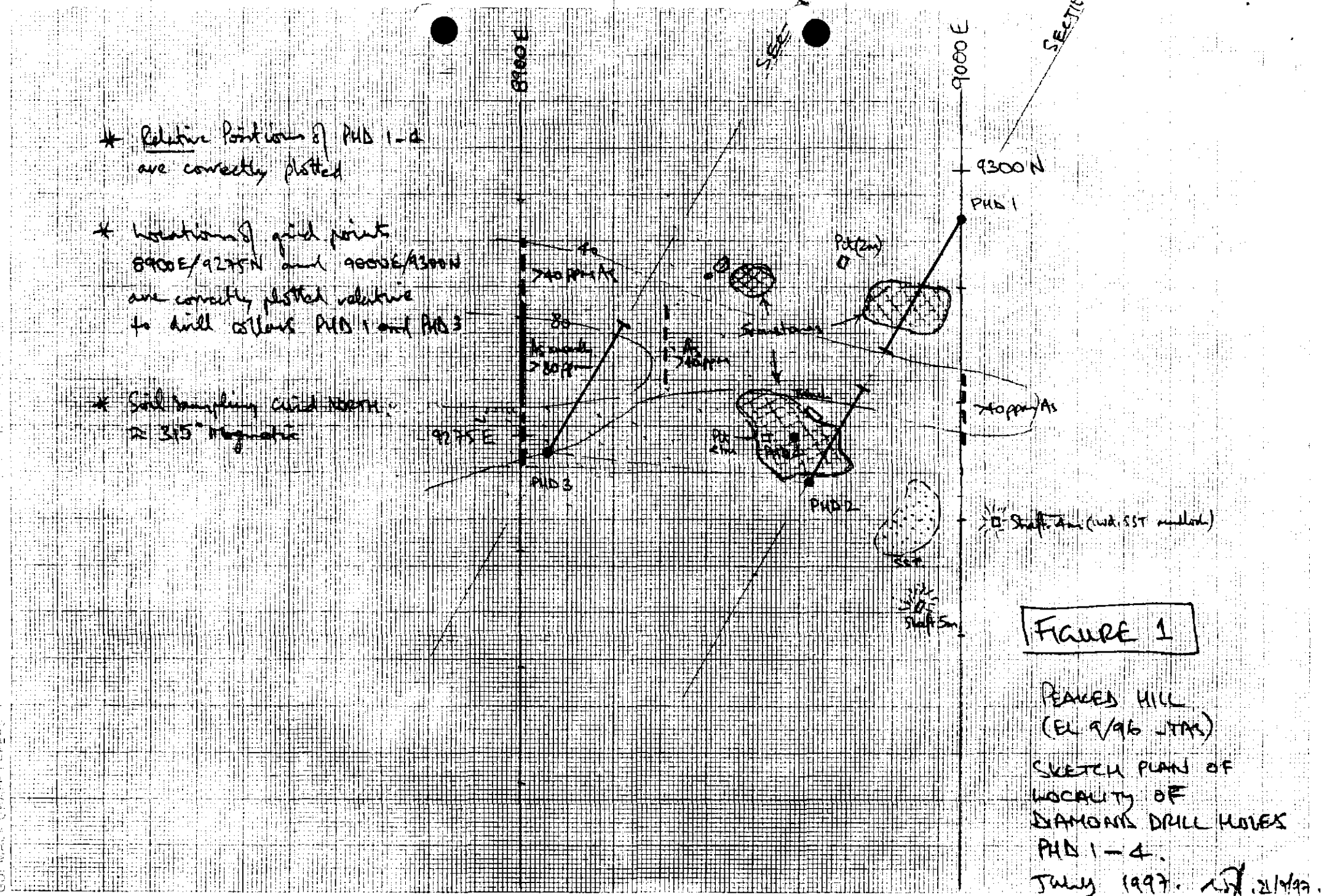

FIGURE 1

PEACHES HILL
(EL 9/96 - TRK)

SKETCH PLAN OF LOCALITY OF DIAMOND DRILL HOLES PHD 1-4.

JULY 1997. 21/7/97.

16401?

'SECTION A' (SCALE 1:500) (looking west) (SECTION AZIMUTH 345°)

PEAKED HILL (EL 9/96)

DIAMOND DRILL HOLES PHD 1, 3, 4.

S N

21/7/97.

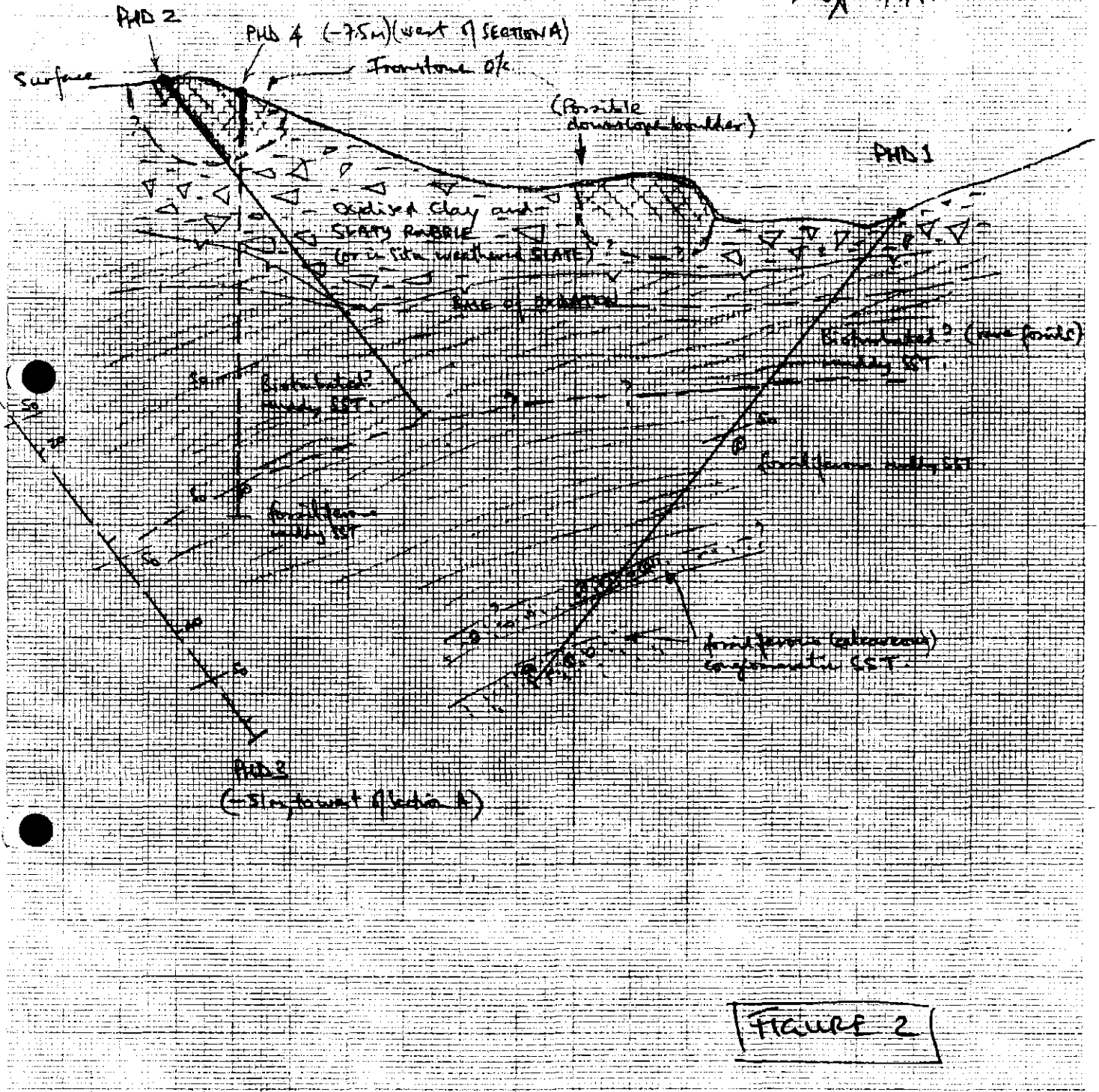

FIGURE 2

164018

164019

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GEOLOGICAL NOTE

To Grant MacDonald
Resolute Samantha Ltd. Zeehan, TAS.

Fax:

From Wally Herrmann

Date 31 July 1997

Subject **Peaked Hill RC drilling.**

Dear Grant,

The Peaked Hill RC drilling programme, to test a number of arsenic soil geochemical anomalies, proceeded according to plan and was completed during the period 4 to 11 July, 1997.

Drilling Conditions
Nine holes, totalling 720m, were drilled without major difficulties; all holes reached the target depth of 80m with (mostly) satisfactory to good sample recoveries. Apart from a blown bull hose, which interrupted drilling on the first day, there were no mechanical problems and the drilling conditions were fairly good. The sandstones intersected in holes PHRC 3 to 6 on ~9250E are hard and held the drilling back to ~80m per day but water was not generally a problem. In a couple of holes sticky samples, encountered at about the level of first water inflow (varying from ~24m to ~70m down hole depth), clogged the inner tubes and necessitated rod string pulls. The interbedded slate and sandstone sequence intersected in holes 7, 8 & 9 permitted fast drilling of ~180m per day including two moves.

Collar locations etc. of the holes are as follows:

Hole No.	~East	~North	Azimuth	Inclination	Depth
PHRC 1	9490	10797	347 °M	-60°	80m
PHRC 2	9485	10760	347 °M	-60°	80m
PHRC 3	9263	10144	315 °M	-60°	80m
PHRC 4	9251	10097	315 °M	-60°	80m
PHRC 5	9245	10060	315 °M	-60°	80m
PHRC 6	9250	9940	315 °M	-60°	80m
PHRC 7	9170	10090	180 °M	-60°	80m
PHRC 8	9140	10130	315 °M	-60°	80m
PHRC 9	9110	10115	315 °M	-60°	80m

Geological Logging
Representative portions of the 1m samples were screened to obtain a small handful of >5mm rock chips which were washed and inspected, on site as the drilling proceeded, for the preparation of graphic logs showing the lithology, degree of weathering, and proportion of vein quartz. Minor vein quartz is widespread, ranging upto >50% of the rock chip component in a few samples, and it is generally of a rather hungry looking massive-milky variety, sometimes iron stained or associated with significant limonite, but no sulphides were observed.
In some holes (eg: PHRC 3, 22-25m) fractured? zones of significant vein quartz were co-incident with the first occurrence of water in the samples. The base of oxidation is generally not clearly defined; a mixture of partly weathered, partly fresh rock persists over great depth ranges in some holes (eg: PHRC 6, 8-78m) and in a few holes (eg: PHRC 2) oxidation persists to the bottom of the hole.

PHRC 1 & 2, under the northern anomaly, intersected a sequence dominated by quartzitic (slightly micaceous) sandstone and minor interbedded pelitic siltstone, carrying extensive zones of 2-10% quartz vein material, locally upto 40% quartz (in chips).
PHRCs 3 to 6 along 9250E, were entirely in quartzitic sandstone with very subordinate siltstone also with extensive

zones of quartz veining which appear to diminish to the south.
PHRCs 7 to 9, under the western parts of the central arsenic anomaly, intersected a rather different sequence of thinly interbedded sandstone and dark grey slate similar to that in outcrops on the vehicle track near the collars of PHRC 8 & 9. These holes intersected a number of discrete milky quartz reefs? (upto 80% quartz in chips) but in general the western sandstone-slate lithology seems to have much less widespread quartz veining than the presumably more brittle quartzite-sandstone to the east. No calcareous sandstones or marly sandstones (equivalent to rocks in Nick Poltock's PD1) were intersected in the RC drill holes.

I panned a few random samples which had large amounts of quartz or limonitic quartz in the chips but did not discern any significant heavy mineral fraction, let alone gold.
There is no obvious association between the soil arsenic soil anomalies and a particular lithology or quartz vein abundance.

Sampling
The entire samples delivered to the cyclone were collected, in 1m increments, in large plastic bags which remain stored at the drill sites. The assay samples (Nos: 852501-852680) consist of 4m composites of representative portions taken by 40mm PVC pipe "spear" from the large bags. These were submitted to Analabs on 14 July for analysis for Au and As by methods F650 (50g fire assay) and A102/H102, respectively.

RC Geochemical results

The Au and As analytical results are attached (Analabs Report No: BU013367).
The gold data are very disappointing: all samples contain less than the detection limit of 0.01g/t Au.

Arsenic values range from <1 to a maxima of 329ppm. Histograms, in Figures 1a &1b, suggest that the arsenic values are more or less log-normally distributed and that values greater than about 50ppm are anomalous. However, there is no population wide correlation between arsenic and the quantities of vein quartz[1] observed in the RC chips (Figure 1c). As noted in the RC chip geological logs, many of the samples were iron stained or limonitic; and oxidation extended to the full depth of some holes. Subjective estimates of limonite content[2] suggest a weak positive correlation (r=0.34; Figure 1e) between arsenic and limonite.

The data from individual drill holes (Figure 2) supports a moderate correlation between arsenic and limonite in the holes which are most anomalous in arsenic (eg: PHRCs 1,2 & 6) but no consistent relationship between high limonite "scores" and arsenic in the least anomalous holes (eg: PHRCs 3 & 4). There is no general relationship between vein quartz and arsenic; some of the most quartziferous zones are low in arsenic, (eg: PHRCs 3 and 4).

In the absence of observed fresh arsenic minerals, the best I can suggest is that in some places arsenic may have been precipitated along with limonite, from groundwater.

CONCLUSIONS

1 Representative arsenic soil geochemical anomalies have been adequately tested to depths of ~70m by the nine RC drill holes. Intervals of anomalous As, of a similar order to the surface anomalies have been intersected; mainly in the oxidised zone, in sandstones, partly associated with limonitic iron staining but with no correlation to zones of quartz veining.

2 There is no anomalous gold in the bedrock below the surface arsenic anomalies.

3 Arsenic soil geochemistry, on its own, is not a useful targetting method for gold exploration in this geological setting.

Best regards,

[1] These are fairly subjective visual estimates of the proportion of vein quartz in the >5mm chip fraction of RC samples; quartz could be significantly overestimated, especially in the slaty lithologies, because of its hardness and resistance to pulverising by the RC hammer. The quartz percentages shown in Figures 1c, 1d and 2, are proportions in individual 1m samples averaged to the 4m composite assay sample intervals.

[2] Estimation of limonite content is difficult due to its various modes (massive, surface coatings, weak pervasive saturation) but in the absence of iron analyses I have attempted an estimate of limonite content by counting the number of observations of limonite or iron staining in individual metres in each 4m composite interval, to arrive at a "score" of 0 to 4.

Peaked Hill RC Geochem. Samples 852501-852680.

Fig. 1a

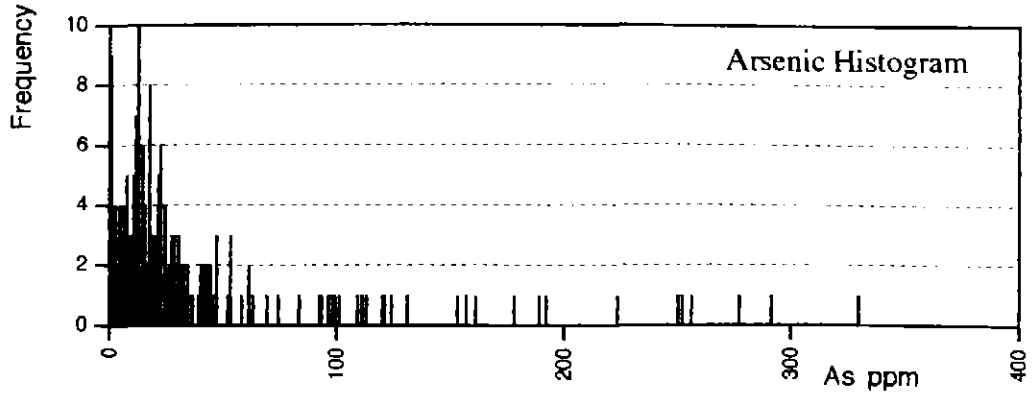


Fig. 1b

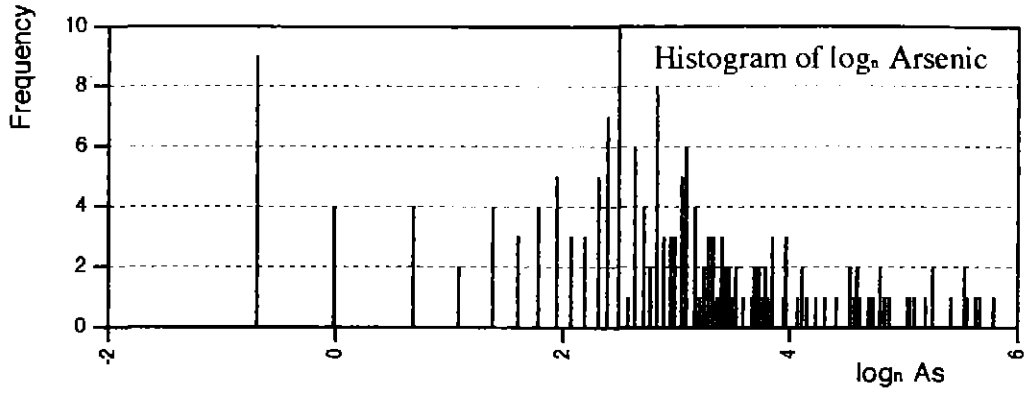


Fig. 1c

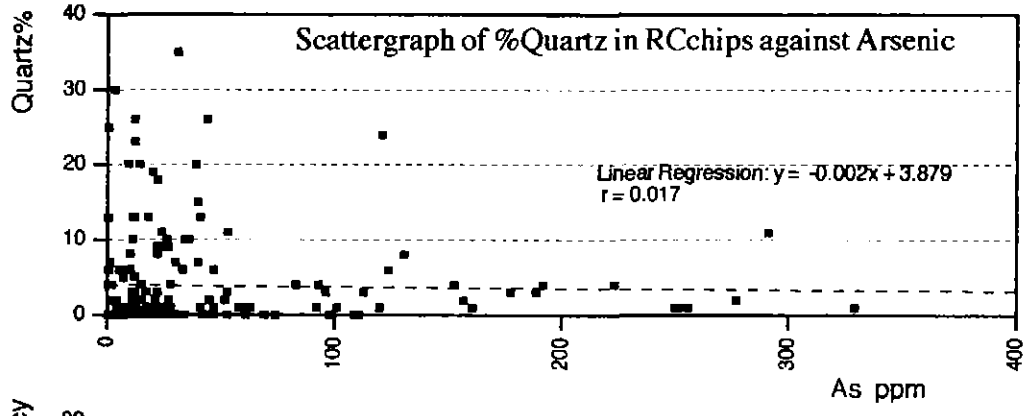


Fig. 1d

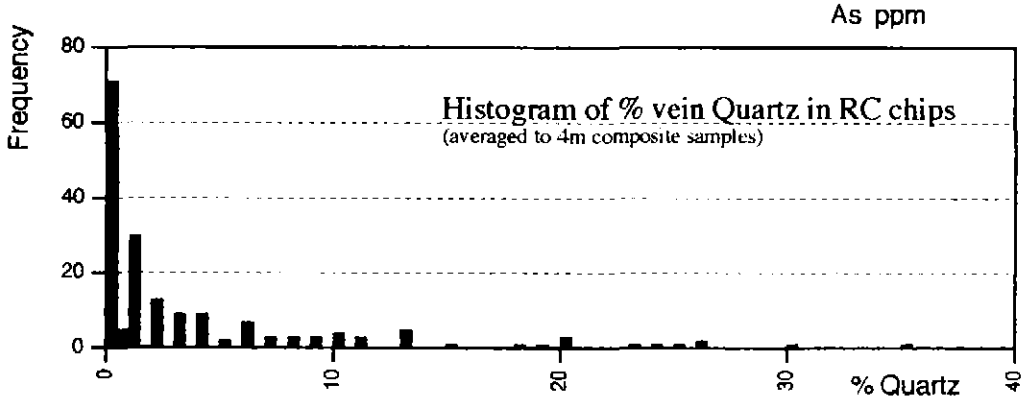
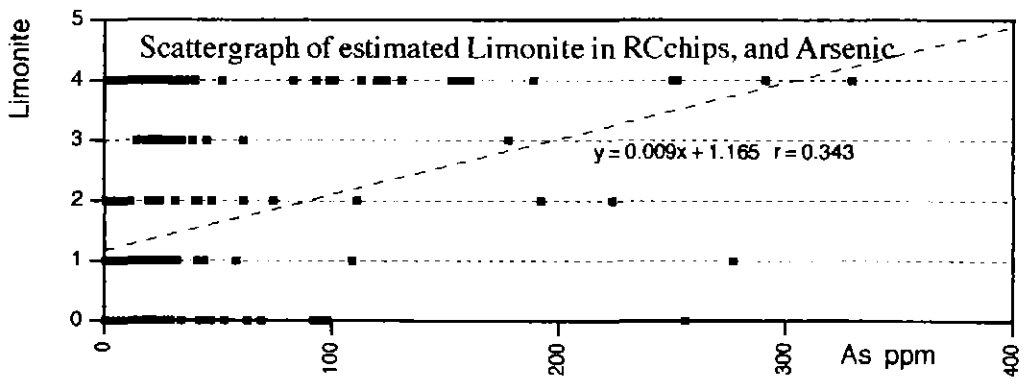


Fig. 1e



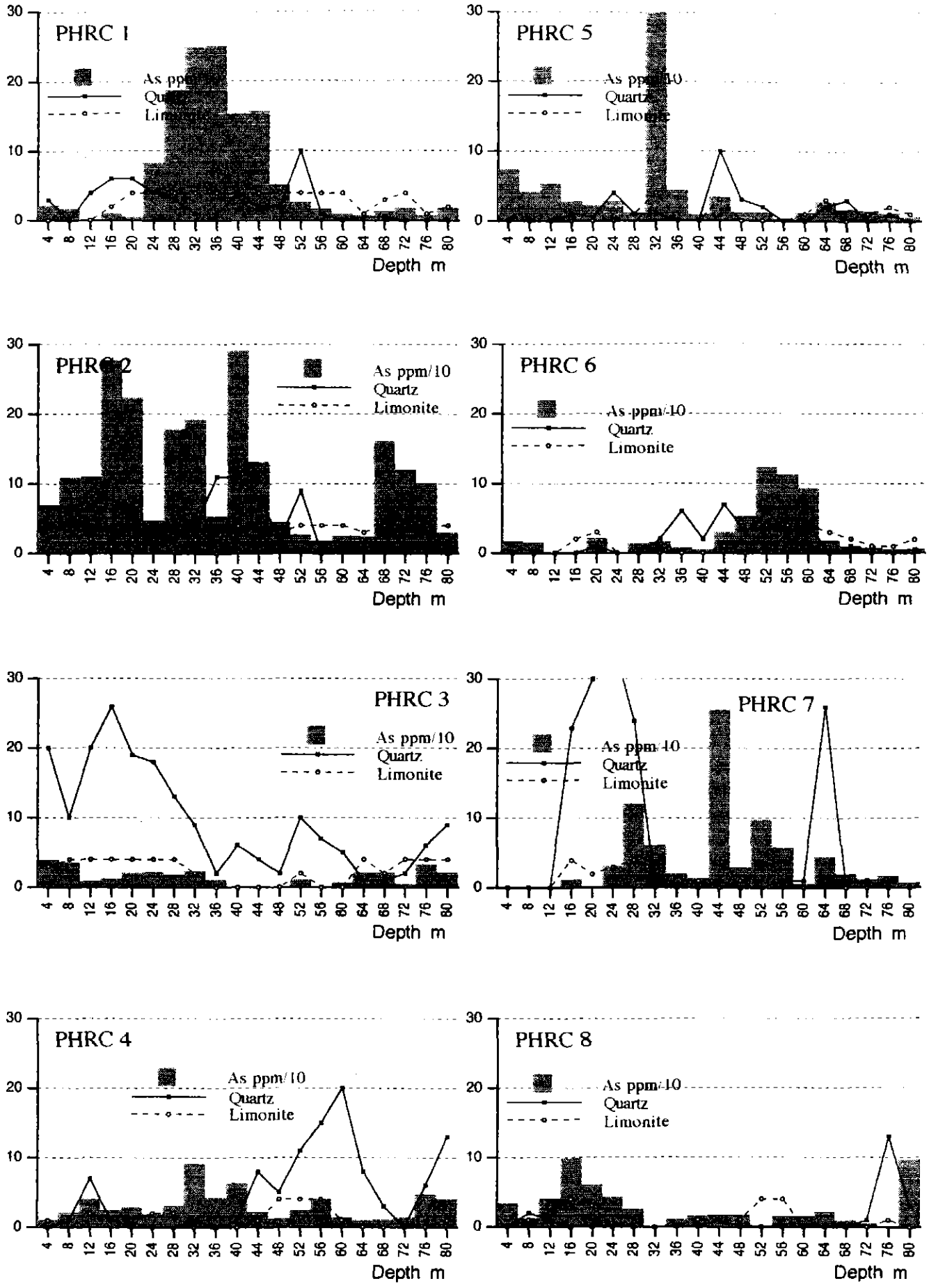

PHRC 1
PHRC 5
PHRC 2
PHRC 6
PHRC 3
PHRC 7
PHRC 4
PHRC 8
As ppm/10
Quartz
Limonite
Depth m

Fig 2

164023

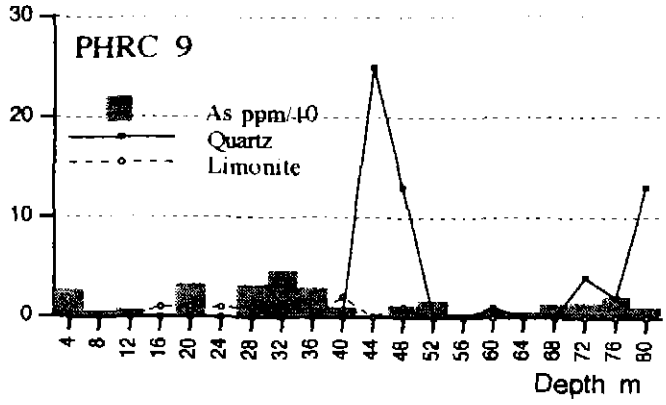
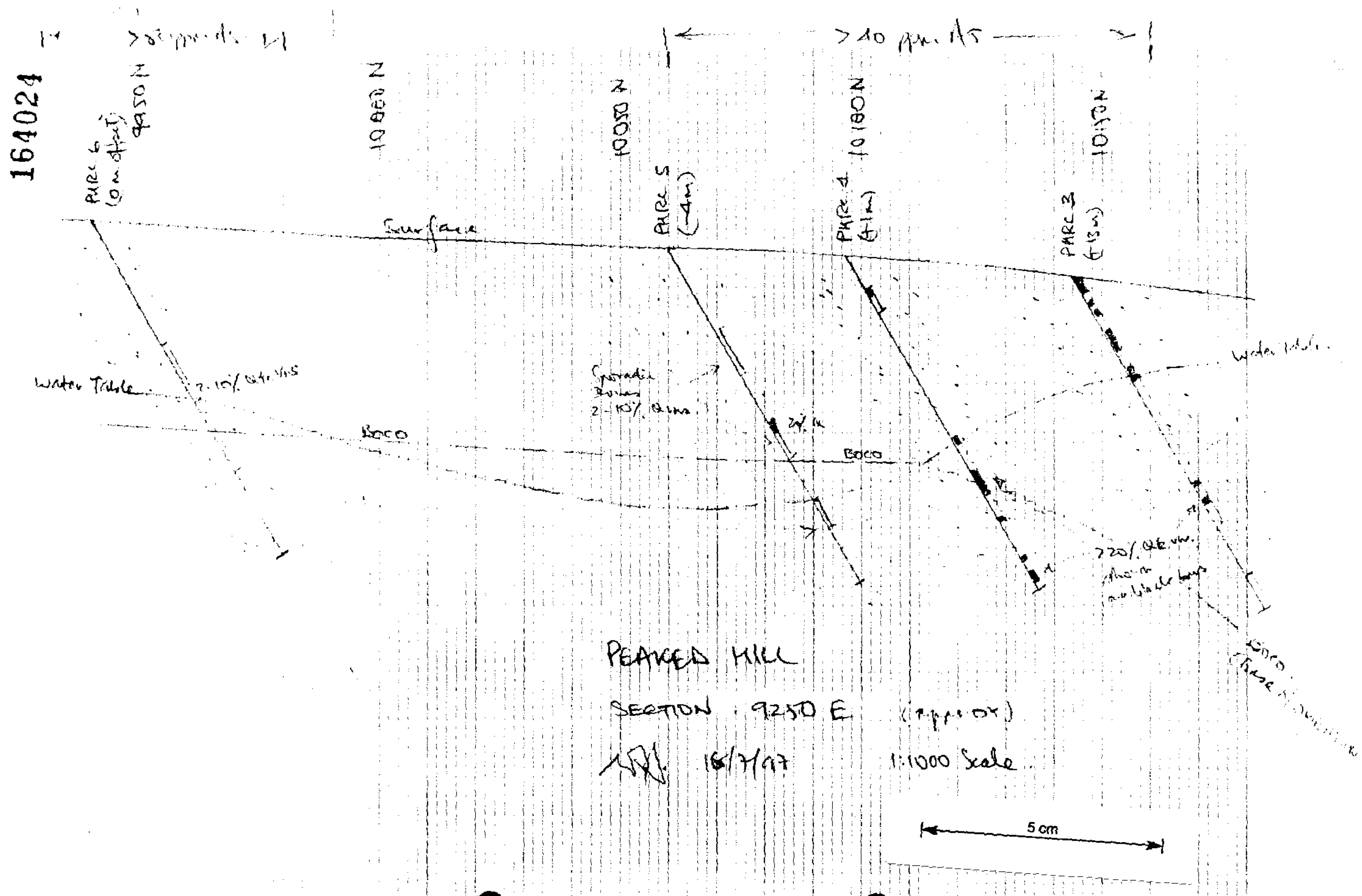


Fig 2 (cont)



PEAKED HILL

SECTION 9250 E (approx)

18/7/97 1:1000 Scale

PEAKED HILL

LOCATION OF RC Percussion Drill Holes (PHRC 1-9)

Scale 1:2500 VX. 16/7/97.

* Local Prospect Grid North = ~315°M
≈ 348° AMG

5 cm

PHRC 1

PHRC 2

PHRC 3

PHRC 4

PHRC 5

PHRC 6

PHRC 7

PHRC 8

PHRC 9

10800 N

10700 N

10600 N

10500 N

10400 N

10300 N

10200 N

10100 N

10000 N

9900 N

9300 E

9100 E

9200 E

9300 E

9400 E

9500 E

164025

Appendix 2

Drill logs

164027

GRAPHIC CORE LOG	Hole No. PHRC -1	Depth 80.0 m
Scale 1: 200	Project PEAKED HILL EL 9/96	
By W. HERRMANN	Section	
Date 5 TULY 1997	Collar co-ords ~9490 E ~10797 N	RL
Page 1 of 2	Az. °G 347 °M	Incl. -60° °

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast φ & Structure	Altn.	QTZ %	Description of CHIPS
0	tan	Sl. fissile	(wd	<5	M-g. (micaceous) Qtz SANDSTONE, weathered.
	"		"	10	" "
	"	fissile	"	5	" "
4	reddish tan	"	"	—	" "
	"	"	"	—	" "
	tan-grey	"	"	—	F-g. micaceous qtz SST - SILTSTONE
	"	"	"	—	" micaceous SILTSTONE
8	buff grey		"	—	" micaceous pelitic-sandy SILTSTONE
	"	fissile	fresh	—	" much of sample is powdery
	"	"	"	—	" Suspect laminated psammo-pelite
	"	"	"	5	"
12	orange tan	"	"	10	F-m-g. micaceous SANDSTONE
	buff grey	"	(wd	—	Ferr. SST and grey pelitic SILTSTONE
	"	"	"	5	f-g. pelitic SILTSTONE } SAMPLE RECOVERY
	buff	"	"	5	fe stained SANDSTONE } ~30%
16	"	"	"	15	" " & milky Qtz. } (Blown in inner tube)
	buff	"	"	2	" " "
	Brown	massive	"	10	fe stained m-g. SANDSTONE 10% milky v. Qtz.
	"	"	"	5	" " " 5% " "
20	"	"	"	5	" " " " "
	"	"	"	5	" " " " "
	"	"	"	5	" " " " "
	"	"	"	5	" " " 5% clear Qtz
24	"	"	"	—	" SANDSTONE and pelitic SLST.
	"	"	"	—	" " " " "
	"	"	"	10	" m-g. SANDSTONE 10% milky Qtz.
	"	"	"	—	" " "
28	"	"	"	2	" " "
	"	"	"	—	" " "
	"	"	"	—	" SANDSTONE + SILTSTONE
	"	"	"	2	" " " " 2% milky Qtz
32	"	"	"	—	" " " "
	"	"	"	2	fe stained m-g. SANDSTONE 2% milky Qtz
	"	"	"	—	" " " —
	"	"	"	—	" " " —
	"	"	"	—	" " "
36	"	"	"	10	" " SST + SLST 10% milky Qtz
	"	"	"	5	" " " 5% " "
	"	"	"	—	" " " —
40	"	"	"	—	" " " "
	"	"	"	—	" " " "
	"	"	"	2	" " SANDSTONE 2% milky Qtz
	"	"	"	2	" " SST + SLST "
	"	"	"	2	" " SANDSTONE "
	"	"	"	2	" " " "
	"	"	"	—	" " " —
	"	"	"	5	" " " 5% clear Qtz
48	"	"	"	—	" " SANDSTONE + SLST. —

852501 852502 852503 852504 852505 852506 852507 852508 852509 852510 852511 852512

164028

GRAPHIC CORE LOG

Hole No. PH RC-1 Depth m

Scale 1: Project Pearce Hill

By Section

Date 5 July 1993 Collar co-ords E N RL

Page 2 of 2 Az. °G °M Incl. °

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast φ & Structure	Altn.	Quartz %	Description
48	brown	massive	(wd)	10	M.g. quartzitic SANDSTONE, fest. 10% milky Qtz
	"	"	"	—	" " "
	"	"	"	10	" " " 10% milky Q
52	"	"	"	20	" " " 20% " "
	"	"	"	—	" " " — — —
	"	"	"	5	" " " 5% " "
	"	"	"	—	" " "
56	"	"	"	—	" " "
	"	"	"	—	" " "
	"	"	"	—	" " "
	"		~	—	fest. m.g. Qtzitic(wic) SST and lenses grey pelitic SLST
60	Buff-grey		~	—	" " " "
	"	Bedding	fresher	—	" " " "
	Brown	massive	~	—	m.g. micaceous-quartz SANDSTONE
	Tan	sl. friable	~	—	" " " "
64	"	"	~	1	fg-mg. " " ", minor pelitic SLST
	Buff	"	~	1	" " " " "
	Tan	massive	~	—	Fe stained micac-qtz SANDSTONE
*W	[Minor water ingress in hole]			—	" " " " powdery sample ex pelite?
68	Brown	bedded?	wd	—	" " " SANDSTONE and grey pelitic SLST
	"	"	"	—	" " " " " "
	"	"	"	—	" " " " " "
	"	"	"	—	" " " " " "
72	"	"	"	—	" " " " " "
	"	massive	"	—	" " " " minor pelitic SLST
	Tan	friable	Semi fresh	—	fg. grey pelitic SILTSTONE
	Buff-grey	"	"	—	Grey pelitic SILTSTONE and m.g. qtz. SANDSTONE
76	"	"	"	—	" " " " "
	Buff-brown	"	"	—	" " " and weakly Fe stained SST.
	"	massive	"	—	Weakly Fe stained qtz SST, minor pelitic SLST.
	Buff	"	"	—	" " " " "
80	Buff-Tan	"	"	—	" " " — — —

Sample No: 852513, 852514, 852515, 852516, 852517, 852518, 852519, 852520

5 cm

164029

GRAPHIC CORE LOG	Hole No. PHRC – 2	Depth 80 m
Scale 1: 200	Project Pearnd Hill EL 9/96 TAS	
By W. HERRMANN	Section	
Date 5 JULY 1997.	Collar co-urds ~9485 E 10760 N	RL
Page 1 of 2	Az. °G 347 °M	Incl. –60°

SAMPLE No 852521 852522 852523 852524 852525 852526 852527 852528 852529 852530 852531 852532

5 cm

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast φ & Structure	Altn.	QTZ %	Description of chips
0	Brown	massive	Wd	–	Stony Clay.
	Tan	"	"	–	M.f.g. qtz (mica). SANDSTONE
	"	"	"	–	" " "
4	"	"	"	–	" " "
	"	"	"	–	" " "
	"	"	"	–	" " " Slight Fe Stain
	"	"	"	–	" " "
8	"	"	"	–	" " "
	red-brown	"	"	–	" " " Strong Fe stain.
	"	"	"	–	" " " " "
	tan	"	"	–	" " "
	"	"	"	–	" " "
12	"	"	"	2	" " " Fe stain + 2% lim Qtz
	"	"	"	1	" " " minor milky Qtz
	"	"	"	2	" " " " "
	"	"	"	2	" " " " "
16	Brown	massive/slaty	"	–	M-f.g. SST and minor pelitic slaty SILTSTONE
	Tan	massive	"	–	Fe st. m-f.g. SST
	"	"	"	15	" " " ~ 15% limonitic clear Qtz
20	"	massive/slaty	"	–	M-f.g. SST and minor slaty SILTSTONE
	"	"	"	–	" " "
	"	"	"	–	" " "
	"	massive	"	5	Fe st. m.g. SST ; 5% limonitic clear Qtz
24	"	"	"	–	to M-f.g. SST
	"	"	"	–	" "
	Brown	massive/slaty	"	2	Fe sl. m.g. SST, slaty SLST, 2% limonitic Qtz
	"	"	"	10	" " " " 10% " "
28	Tan-buff	massive	"	–	M.g. qtz SANDSTONE
	Brown	"	"	10	Fe st. M.g. SANDSTONE 10% milky Qtz
	"	"	"	–	" " "
	Buff-Tan	massive/slaty	"	5	M.g. SST, grey slaty SLST 5% milky Qtz.
32	Tan-Grey	"	"	–	" and " "
	Tan	massive	"	–	M.g. SST.
	Tan-Grey	massive/slaty	"	–	M.g. SST and grey slaty SLST.
	Tan	massive	"	40	M.g. SST 40% milky Qtz (in chips)
36	"	massive/slaty	"	5	M.g. SST, grey SLST, 5% milky Qtz.
	Brown	massive	"	10	Fe st. m.g. SST 10% milky limonitic Q
	"	"	"	2	" " " 2% " " "
	Tan	"	"	–	" "
	Brown	"	"	30	Fe. st. SANDSTONE, 30% limonitic milky Q
40	"	"	"	30	" " " " "
	"	"	"	–	Fe st. SANDSTONE
	"	"	"	–	" "
44	"	"	"	–	F.g. Fe st. SANDSTONE
	"	"	"	1	" " " 1% milky Q
	"	"	"	1	" " " "
	Tan	"	"	–	F.g. micaceous Qtz SILTSTONE
48	Brown	"	"	5	Fe st. SANDSTONE, SILTSTONE 5% milky Q

164030

GRAPHIC CORE LOG	Hole No. PH RC-2	Depth m
Scale 1:	Project	
By	Section	
Date	Collar co-ords E	N RL
Page 2 of 2	Az. °G °M	Incl. °

5 cm

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast φ & Structure	Alth.	QTZ %	Description
48	Brown	massive/slaty	ud	30	Fe stained SST, SILTSTONE, 30% milky Q
	"	"	"	5	" " " " 5% " "
	"	"	"	—	" " " " —
52	"	"	"	—	" " " " —
	"	Massive	"	—	Fest. M.g. SANDSTONE
	"	massive/slaty	"	—	Fest. M.g. SST and f.g. micac. SILTSTONE
	"	"	"	—	" " " " " "
56	"	massive	"	—	Fe.St. M.g. SANDSTONE
	"	"	"	—	" " "
	"	"	"	—	Fest. f-M.g. SANDSTONE
	"	massive/slaty	"	5	Fest. f-M.g. SST, SLST 5% milky Q.
60	"	"	"	—	" " " " —
	"	massive	"	—	Fe St. M.g. SANDSTONE
	"	"	"	—	" " "
	"	"	"	5	" " " 5% milky Q
64	"	"	"	—	F-M.g. SANDSTONE
	"	massive/slaty	"	—	Fe.St. f-M.g. SANDSTONE and slaty grey SLST.
	"	massive	"	—	" " "
	"	"	"	—	" " "
68	"	"	"	2	" " " milky Qtz.
	"	"	"	—	" " "
	"	"	"	—	" " "
	"	laminated	"	2	" " " , SLATY SLST, milky Qtz
72	"	massive	"	—	" " SANDSTONE and slaty SILTSTONE
	"	laminated	"	—	" " "
	"	laminated	"	—	Iron stained fg. SANDSTONE + Slaty SILTSTONE
76	"	"	"	2	" " " , milky Q
	"	"	"	—	" " "
	"	"	"	—	" " "
	"	"	"	—	" " "
80	"	"	"	—	" " "

164031

GRAPHIC CORE LOG	Hole No. PHRC - 3	Depth 80 m
Scale 1: 200	Project PEARCE HILL	EL 9/96
By W. HERRMANN	Section	
Date 6 JULY 1997	Collar co-ords 9263 E 10144 N	RL
Page 1 of 2	Az. °G 315 °M	Incl. −60 °

SAMPLE NO

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast & Structure	Altn.	QTZ %	Description of CHIPS
0	Brown		Wd	-	Stony clay - soil & tree roots.
	"	massive	"	30	Fe st. (floaters?) SANDSTONE and milky Qtz.
	Buff-grey	"	"	30	Fe st. micaceous qtz SANDSTONE 30% milky Qtz
4	Brown	"	"	20	" " " " 20% " "
	Red-brown	"	"	5	Very limonitic " " 5% milky Qtz
	"	"	"	—	" " " " —
	"	"	"	30	" " " " 30% " "
8	"	"	"	5	Fe st. mic-qtz SANDSTONE 5% " "
	"	"	"	50	" " (* PHASED: No heavies) 50% " "
	"	"	"	10	" " " 10% " "
	"	"	"	10	" " " 10% " "
12	Pink/it grey	massive/fissile	"	10	" " " and minor grey slate. 10% Q
	pink-brown	massive	"	10	Fe st. mic-qtz. SANDSTONE 10% milky Q
	"	"	"	50	" " " 50% " "
	"	"	"	40	" " " 40% " "
16	"	"	"	5	" " " 5% " "
	"	"	"	50	" " " 50% " "
	"	"	"	15	" " " 15% " "
	pink/brown/buff	"	"	—	" " " —
20	pink-brown	"	"	10	" " " 10% milky Q.
	"	"	"	10	" " " " "
	"	"	"	10	" " " " "
	"	"	"	20	" " " 20% "
24	brown → tan	"	"	30	" " (Minor H_2O inflow) 30% "
	tan	"	"	30	" " " 30% "
	"	"	"	2	" " " 2% "
	tan → brown	"	"	10	" " " 10% "
28	red brown	"	"	10	" " " 10% "
	"	"	"	10	" " " " "
	"	"	"	10	" " " " "
	"	"	"	5	" " " 5% "
32	"	"	"	10	" " " 10% lim Q
	"	"	"	5	" " " 5% " "
	brown-grey	"	"	—	Cvey (micac.) qtz SANDSTONE
	grey	" becoming fresh		—	" " " "
36	grey-buff	"	"	1	" " " " 1% milky Q
	"	"	"	—	" " " " —
	"	"	"	10	" " " " 10% milky Q
	pink-grey	"	"	10	" " " " 10% " Q ams
40	grey-buff	"	"	2	Tan-grey " " " 2% " "
	"	"	"	2	" " " " 2% " "
	buff	"	"	2	" " " " 2% " "
	tan	"	"	10	" " " " 10% " "
44	grey	"	fresh	—	Cvey " " " —
	"	"	"	—	" " " " —
	"	"	"	2	" " " " 2% milky Q
	"	"	"	2	" " " " " "
48	grey + brown	"	fresh/wd	2	fresh grey + brn weathd. SANDSTONE 2% " "

5 cm

852541 852542 852543 852544 852545 852546 852547 852548 852549 852550 852551 852552

*W

164032

GRAPHIC CORE LOG

Hole No. PHRC - 3 Depth m

Scale 1: Project

By Section

Date Collar co-ords E N RL

Page 2 of 2 Az. °G °M Incl. °

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast φ & Structure	Altn.		QTZ %	Description of CHIPS	
48	tan + grey	massive	Fr +	Wd	10	Fresh grey and Fest. wd. SANDSTONE	10% Qtz.
	"	"			5	" " "	5% Qtz
	"	"	"	"	20	" " "	20% Lin Q
52	"	"	"	"	5	" " "	5% Q
	grey	"	"		2	Fresh grey (minor wd) SANDSTONE	2% Q
	"	"	"	"	2	" " "	2% Q
	grey + brown	"	"	"	20	Fresh grey + red brn SANDSTONE	25% Q
56	" "	"	"	"	5	" " "	5% Q
	" "	"	"	"	10	" " "	10% Q
	" "	"	"	"	5	" " "	5% Q
	brown	"	"	"	2	" " "	2% Q
60	brown	"		"	2	Wd. Fest. SANDSTONE, minor blk slate.	2% Q
	brown	"		Wd	2	Wd. Fest. SANDSTONE	2% Q
	"	"		"	—	" " "	—
64	"	"		"	—	" " "	—
**	Poor core with water inflow						
68	brown	massive		Wd	1	Wd. Fe stained SANDSTONE	1% Q
	pinkish grey	"		"	1	limonite saturated SANDSTONE	1% Q
	brown	massive		wd	1	Fe stained SANDSTONE	1% Q
72	"	"		"	5	" "	5% milky Qtz
	"	"		"	2	" "	2% " "
	"	"		"	10	" "	10% " "
	"	"		"	—	" "	—
76	"	"		"	10	" "	10% Qtz
	"	"		"	—	" "	—
	"	"		"	10	" "	10% Qtz
	"	"		"	15	" "	15% Qtz
80	"	"		"	10	" "	10% Qtz

5 cm

852553
852554
852555
852556
852557
852558
852559
852560

164033

GRAPHIC CORE LOG	Hole No. PHRC - 1	Depth 80.0 m
Scale 1:200	Project Peahad Hill	EL 9/96
By W. HERRMANN	Section	
Date 7 July 1997	Collar co-ords 9251 E 10097 N	RL
Page 1 of 2	Az. °G 315 °M	Incl. −60 °

Sample Nos: 852561, 852562, 852563, 852564, 852565, 852566, 852567, 852568, 852569, 852570, 852571, 852572

5 cm

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast φ & Structure	Altn. Wkd.	Altn. Fr.	QTZ %	Description of chips
0	Brown					Stony clayey soil
						" "
	Orang. Tan	?	✓		–	Powdery clay with fews wd. SST chips.
4	"	massive	✓		–	Weakly Fe stained f.g. QTZ (mica) SANDSTONE
	"	"	✓		–	" " " "
	"	massive - slaty	✓		2	F.g. SANDSTONE and minor grey clotty SILTSTONE
	"	slaty	✓		–	F.g. (Q-mica) SILTSTONE, minor SST.
8	"	"	✓		–	" " " powdery sample
	"	massive	✓		20	F.g. SANDSTONE milky QTZ
	pinkish Tan	"	✓		5	" "
	Tan	"	✓		1	Iron stained m.g. SANDSTONE "
	pinkish Tan	"	✓		1	" " " "
12	"	"	✓		5	" " " "
	Tan	"	✓		–	M.g. SANDSTONE
	Buff	"	✓	✓	–	" "
	"	"	✓	✓	–	" "
16	pinkish Tan	"	✓	✓	–	" "
	"	"	✓	✓	–	Fe stained m.g. SANDSTONE
	"	"	✓		–	M.g. SANDSTONE
	Tan + Grey	"	✓	✓	–	" "
20	pinkish buff	"	✓		–	" " with patchy limonite staining
	"	"	✓	✓	–	" " " " " "
	Tan	"	✓		–	" " " " " "
	Tan + Grey	"	✓	✓	–	" " " " " "
24	"	"	✓	✓	–	" " " " " "
	"	"		✓	–	" "
	"	"	✓	✓	–	" " " " " "
	Tan	"			–	" "
28	Tan + Grey	"	✓	✓	–	" "
	"	"	✓	✓	2	" " milky QTZ.
	Tan	"	✓	✓	–	" "
	Tan + Grey	"	✓	✓	–	" "
32	"	"	✓	✓	–	" "
	Buff + Grey	"		✓	–	" "
	"	"		✓	–	" "
	"	"		✓	–	" "
36	"	"		✓	2	" " milky QTZ
	"	"	✓	✓	–	" "
	Dark Tan	"	✓		–	" " PANNED 43-44 m but no significant heavies was limonite.
40	"	"	✓		–	" "
	Buff - Grey	"	✓	✓	–	" "
	Buff	"	✓	✓	–	" "
	"	"	✓	✓	–	" "
44	Brown	"	✓		30	SANDSTONE and limonitic-milky QTZ. * Minor water inflow.
	Tan	"	✓		5	" " "
	"	"	✓		5	" " "
	"	"	✓		10	" " "
48	Orange Tan	"	✓		–	limonite stained SANDSTONE (weathered)

164034

GRAPHIC CORE LOG

Hole No. PHRC 4 Depth m

Scale 1: Project

By Section

Date Collar co-ords E N RL

Page 2 of 2 Az. °G °M Incl. °

Sample No.

5 cm

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast ϕ & Structure	Altn. Wd Fr	QTZ %	Description of Chips
48	Brown	massive	/	10	Limonitic SANDSTONE and limonitic milky Qtz
	"	"	/	15	" " " "
	"	"	/	10	" " " "
52	"	"	/ /	10	" " " "
	"	"	/ /	20	" SST (some fresh) " "
	"	"	/ /	20	" " " "
*W	low Recovery - sticky and wet				
56	Khaki	"	/	20	Grey Qtz SANDSTONE milky vein Qtz
	"	"	/	50	" " " " "
	Buff - Grey	"	/	5	" " " " "
	Khaki	"	/ /	5	Brownish wd " " " "
60	Khaki + Grey	"	/	—	Grey Qtz SANDSTONE
	Buff - Grey	"	/	10	Grey Qtz SANDSTONE milky vein Qtz
	Grey	"	/	20	" " " " "
64	"	"	/	—	" " " " "
	"	"	/	10	" " " " "
	"	"	/	—	" " " " "
	"			—	
68	Grey	"	/	—	Grey Qtz SANDSTONE
	Khaki	"	/ /	—	Grey + Brown (wd) Qtz SANDSTONE
	"	"	/	—	Brownish weathered SANDSTONE
72	"	"	/	—	" St. weathered "
	"	"	/ /	—	" " " "
	"	"	/ /	20	Brown + Grey (wd + fresh) SST, milky vein Qtz
	Dark Khaki	"	/ /	—	" " " "
76	Dk. reddish Brown	"	/ /	2	" " " "
	Dk. Khaki	"	/ /	20	" " " "
	"	"	/ /	2	" " " "
	"	"	/ /	20	" " " " limonitic milky Qtz
80	"	"	/	10	Grey qtz SANDSTONE 10% milky vein Qtz

164035

GRAPHIC CORE LOG	Hole No. PHRC 5	Depth m
Scale 1:200	Project Peaked Hill EL 9/96 TAS	
By W.HERRMANN	Section	
Date	Collar co-ords 9245 E 10060 N	RL
Page 1 of 2	Az. °G 315 °M	Incl. −60 °

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast φ & Structure	Altn. Wd	Altn. Fr	QTZ %	Description of Chips
0	SAMPLE colour					Stony clay - soil
	Orange Tan	massive	/		—	Weathered clayey Sandstone.
	"	"	/		—	Festained weathered SANDSTONE
4	Buff - Tan	"	/		—	" " "
	Pinkish Buff	"	/		—	Pink weathered SANDSTONE
	Tan	"	/		—	" "
	"	"	/		—	Tan weathered SANDSTONE
8	Buff	"	/		—	" " "
	Tan	"	/		—	" " "
	"	"	/		—	" " "
	"	"	/		—	" " "
12	Buff	"	/	/	—	Tan (wd) and grey (fresh) Qtz SANDSTONE
	"	"	/			Tan (wd) SANDSTONE
	"	"	/			" "
	"	"	/		1	" " Milky Quartz.
	Tan	"	/		2	" " "
16	Grey ish - Buff	"	/	/	1	Tan (wd) and grey (fresh) SANDSTONE "
	"	"	/	/	—	" " "
	Grey	"	/	/	—	" " "
	Tan	"	/	/	—	" " "
20	Grey	"		/	—	Grey (fresh) quartzy ish SANDSTONE
	"	"		/	10	" " " milky vn. Qtz
	"	"		/	5	" " " "
24	"	"	/	/	—	Grey (fresh) + Tan (wd) SANDSTONE
	Tan	"	/	/	—	Tan (wd) SANDSTONE
	"	"	/	/	—	" " "
	Buff - Grey	"	/	/	5	Grey and Tan SANDSTONE, "gassy"/milky Qtz
28	"	"	/	/	—	" " " "
	"	"	/	/	—	" " " "
	"	"	/	/	—	" " " "
	reddish Brown	"	/	/	—	Red+Grey Iron stained (Qtz) SANDSTONE
32	Tan	"	/	/	5	" " " milky Qtz
	Buff	"	/		—	Tan weath. SANDSTONE
	"	"	/	/	—	Tan + Grey (weath + fresh) SANDSTONE
	Pinkish Buff	"	/		—	" " "
	Tan	"	/	/	—	" " "
36	Buff	"	/	/	—	" " "
	"	"	/		—	Tan weathered SANDSTONE
	"	"	/		—	" "
	"	"	/		—	" "
40	"	"	/		—	" "
	Tan - Brown	"	/		—	limonite stained weathd. SANDSTONE
	Pink	"	/		20	limonitic sl. SANDSTONE and limonitic milky v. Qtz.
44	Reddish Brown	"	/	/	20	As above plus grey fresh SST & qtz veins.
	"	"	/	/	5	" " " "
	Tan	"	/	/	5	" " " "
	Grey	"	/	/	—	Tan (wd) and grey (fresh) SANDSTONE
48	"	"	/	/	2	" " " milky v. Qtz

852581 852582 852583 852584 852585 852586 852587 852588 852589 852590 852591 852592

16403C

GRAPHIC CORE LOG

Scale 1:

By

Date

Page 2 of 2

Hole No. PHRC - 5 Depth m

Project

Section

Collar co-ords E N RL

Az. °G °M Incl. °

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast ϕ & Structure	Altn. Wk	Altn. Ft	QTz %	Description
48	Tan + Grey	massive		/	5	(Tan) and grey SANDSTONE, milky V. Qtz
	Brownish Grey	"	/	/	2	" " "
	Tan + Grey	"	/	/	2	" " "
52	Grey	"		/	–	Fairly fresh grey SANDSTONE
	"	"		/	–	Very fresh grey SANDSTONE
	"	"		/	–	" "
	"	"		/	–	" " "
	"	"		/	–	" " "
56	Pinkish Grey	"		/	–	Pinkish grey Sl. hematitic SANDSTONE
	Grey	"		/	–	Tan + Grey SANDSTONE
	Tan + Grey	"		/	–	" " "
	Khaki	"	/	/	–	Grey SANDSTONE partly limonite stained
60	Tan	"	/		5	limonite stained SANDSTONE, milky V. Qtz.
#4	Brown	WET!		/	–	Light grey SANDSTONE
	Khaki	massive		/	–	fresh grey (limonite jointed) SANDSTONE
	Buff	massive		/	1	" " " clear, xtld Qtz
64	Grey	"		/	2	fresh grey SANDSTONE " vn. Qtz
	Buff-grey	"		/	10	" " milky Qtz
	Grey	"		/	–	Grey + pinkish slightly hematitic SANDSTONE
	Pinkish Grey	"		/	–	" " " " "
68	Brown	WET	/	/	–	light grey SANDSTONE minor limonite vein.
	Buff-grey	"		/	–	Grey SANDSTONE
	Grey	"		/	–	light grey SANDSTONE
72	"	"		/	–	" " "
	Yellowish Grey	"		/	–	" " "
	pinkish Grey	"		/	–	Slightly hematitic SANDSTONE
	brown Stony	"	/	/	2	" and concretionary/sandy limonite, 2% milky Qtz
76	"	WET	/	/	–	Fresh grey SANDSTONE and minor concret. limonite.
	pinkish grey	massive		/	–	" " minor hematitic joint coatings
	grey	"		/	–	light grey (fresh) SANDSTONE
	"	"		/	–	" " " (minor dk grey SLST)
80	grey	"		/	–	" " "

852593 852594 852595 852596 852597 852598 852599 852600

164037

GRAPHIC CORE LOG

Hole No. PHRC - 6 Depth 80.0 m
Scale 1: 200 Project PEAKED HILL EL 9/96 TAS
By W. HERRMANN Section
Data 9 July 1997 Collar co-ords 9250 E 9940 N RL
Page 1 of 2 Az. °G 315 °M Incl. -60 °

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast ϕ & Structure	Altn. wd Fr	QTZ %	Description of SAMPLE
0	SAMPLE COLOUR				Cyclone contamination 0-1m
	Brown	—	/		Sandy clay soil
	Orange Tan	massive	/		Clay
	"	"	/		"
4	"	"	/		"
	"		/		"
	Yellowish Tan		/		" minor weathered sandstone
	Orange Tan		/		"
8	Pinkish Buff	"	/	—	Tan, weathered, m.g. quartzose SANDSTONE
	Yellowish Buff	"	/	—	" " " " "
	pale Buff	"	/ /	—	Pale grey semi fresh " " "
	Buff	"	/	—	pale grey + pinkish grey SANDSTONE
12	Buff + Grey	"	/ /	—	pale grey (fresh) + tan (fe st; wd) "
	" "	"	/ /	—	" " " "
	Tan	"	/	—	Tan weathd. SANDSTONE
	Buff	"	/ /	—	Tan + Grey SANDSTONE
16	Brown	"	/ /	2	Mainly brown limonite stained ox. SANDSTONE
	Red Brown	"	/	—	Heavily limonite stained SANDSTONE
	Tan	"	/ /	—	Tan + Grey SANDSTONE
	"	"	/	—	Tan SANDSTONE
20	Buff	"	/	—	" "
	Buff-Grey	"	/ /	—	Brown + Grey (wd + fresh) SANDSTONE
	Tan	"	/	—	Tan SANDSTONE
	"	"	/	—	" "
24	Orange Tan	massive/slaty	/	—	Tan SANDSTONE, minor grey SILTSTONE
	Tan	massive	/	—	Tan (wd) SANDSTONE
	"	"	/	—	" " "
28	Tan + Khaki	massive/slaty	/	—	Tan SANDSTONE, minor grey SILTSTONE
	Tan	massive	/	—	Tan SANDSTONE
	"	"	/	2	" " milky vein Qtz
	"	"	/	2	" " " "
32	"	"	/	2	" " " "
	"	"	/	5	" " " "
	Reddish Tan	"	/	5	" " " "
	"	"	/	10	" " " "
36	Tan	"	/	2	" " " "
	Buff + Grey	"	/ /	5	Tan + Grey SANDSTONE " "
	" "	"	/	—	Grey (fresh) SANDSTONE
	Tan	"	/ /	2	Tan + Grey SANDSTONE milky vn. Qtz.
40	Buff	"	/ /	—	" " " —
	Tan	"	/	1	Tan SANDSTONE milky vn. Qtz.
	Reddish Tan	"	/	10	" " and limonitic SST; " "
	Pinkish Tan	"	/	15	" " " " " "
*W 44	Reddish Tan	"	/	2	" " " " minor WATER ingress
	Tan	"	/	5	Tan SANDSTONE milky vein Qtz
	Reddish Tan	"	/	2	" " " "
48	"	"	/	5	" " " "

164035

GRAPHIC CORE LOG

Scale 1: 200 | Hole No. PURC - 6 | Depth m

By | Project

Date | Section

Page 2 of 2 | Collar co-ords E N RL

Az. °G °M Incl. °

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast ϕ & Structure	Altn. Wk Fr	Qtz %	Description & Comments
48	Tan	massive	/	5	limonite stained SANDSTONE milky vein Qtz
	"	"	/	2	" " " "
	"	"	/	10	" " " "
52	Brown	"	/	5	" " " "
	Red - Brown	"	/ /	10	" " " "
		WET			
	Red Brown	massive	/ /	—	limonitic oxd and fresh grey SANDSTONE
56	"	"	/ /	—	" " " "
	"	"	/ /	2	limonitic and fresh grey SANDSTONE, milky v. Qtz
	"	"	/ /	10	" " " "
	"	"	/ /	2	" " " "
60	"	"	/	—	limonitic SANDSTONE
	Brown	"	/	—	" "
	Khaki Tan	"	/	—	" "
	Pinkish Buff	"	/ /	—	Tan + Grey SANDSTONE
	Brown	"	/	—	Tan and limonitic SANDSTONE
64	Pinkish Tan	"	/ /	2	Grey(fine) SANDSTONE, limonitic joints, milky v. Qtz.
	"	"	/ /	—	" " " " "
	"	"	/	2	" " " " 2% milky Qtz
	"	"	/	—	" " " " "
68	Buff	"	/	—	" " " " "
	pinkish Buff	"	/	—	fresh grey SANDSTONE
	Buff	"	/	—	" "
72	pinkish Buff	"	/	—	" " " limonitic joints
	"	"	/	—	" " " " "
	WET!				
	Buff	"	/	—	fresh grey SANDSTONE, minor limonitic joints
76	"	"	/	—	" " " " "
	Khaki	"	/	1	Tan SANDSTONE, limonitic joints, milky Qtz
	"	"	/	—	" " " "
	"	"	/	—	fresh grey SANDSTONE, limonitic joints
80	"	"	/	—	fresh (Tan) SANDSTONE, " "

Sample No 852613 852614 852615 852616 852617 852618 852619 852620 852621

164039

5 cm

GRAPHIC CORE LOG	Hole No. PHRC-7	Depth 80.0 m
Scale 1:200	Project Peaked Hill	El 9/96
By W.HERRMANN	Section	
Date 10 JULY 1997	Collar co-ords ~9170 E ~10090 N	RL
Page 1 of 2	Az. °G 180 °M	Incl. °

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast ϕ & Structure	Altn. Wd Fr	Qtz %	Description of chips.
0	Sample Colour	massive	/	–	Bleached SST in clayey soil.
	Buff	"	/	–	" "
	"	finite	/	–	Bleached weathered SLATE
4	"	Bedded?	/	–	Bleached wd. SANDSTONE
	"	laminated	/	–	Bleached SANDSTONE and SLATE
	"	finite	/	–	Bleached SLATE
	"	"	/	–	"
8	"	laminated?	/	–	Blchd. SLATE and SANDSTONE
	"	"	/	–	" " " "
	"	Bedded	/	–	Blch. SANDSTONE
	"	laminated	/	–	Blchd. SANDSTONE and SLATE
12	"	"	/	–	" " " "
	"	"	/	10	Bleached SLATE; fest. milky Qtz
	"	"	/	–	Bleached SLATE and fe. stained SANDSTONE
	"	"	/	2	" " " " " "; milky Q
16	"	finite	/	80	Bleached SLATE; fe stained milky Qtz.
	"	"	/	60	" " " " "
	"	?	/	60	Blchd. SLATE, SST; " " "
	"	laminated	/	–	Blchd SLATE + SANDSTONE
20	"	"	/	–	" " and limonitic SANDSTONE
	Buff	laminated	/	20	Bleached buff SLATE, fe st. SST; milky Qtz.
	"	Finite	/	50	Blchd. Buff SLATE, fe stained milky Qtz.
	"	"	/	70	" " " " "
24	"	laminated	/	–	" " " and f/g. SANDSTONE
	Buff	laminated?	/	10	Grey SLATE and Fe stained m.g. SANDSTONE, milky Q
	"	massive	/	80	Grey Qtz SANDSTONE, iron st. vuggy milky Qtz, Q
	Buff + Grey	finite	/	5	Grey SLATE, minor SANDSTONE, milky Fest. Q
28	Grey	"	/	–	Grey SLATE and limonitic SANDSTONE
	"	"	/	2	" " " " Fe.st. Qtz.
	pale grey	finite	/	2	Dk grey SLATE (bleached joints) Fe st. Qtz.
	Buff	laminated	/		Grey SLATE + f.g. SST
32	Grey + Buff	" ?	/	–	" "
	light Grey	"	/	–	" "
	Buff-Grey	"	/	–	" "
	pale grey	finite	/	–	Dk. grey SLATE (bleached along joints)
36	"	laminated	/	–	Grey SLATE and F.g. SANDSTONE
	"	"	/	–	" " " "
	"	"	/	–	" " " "
	Grey	"		–	" " " "
40	Grey	finite		–	Dk. grey SLATE (minor limonite on joints)
	"	laminated?	/	–	Grey SLATE and f.g. SANDSTONE
	"	finite	/	–	Grey SLATE
	"	laminated?	/	2	" " and f.g SANDSTONE, milky Q
44	"	" "	/	–	" " " " "
	"	" "	/	–	" " " " "
	"	" "	/	–	" " " " "
	"	" "	/	–	" " " " "
48	Grey and Tan	" "	/	–	Grey SLATE and limonitic f.g. SST.

8526 32 8526 31 8526 30 8526 29 8526 28 8526 27 8526 26 8526 25 8526 24 8526 23 8526 22 8526 21

164010

GRAPHIC CORE LOG	Hole No. PHRC-7	Depth m
Scale 1:	Project	
By	Section	
Date	Collar co-ords E	N RL
Page 2 of 2	Az. °G °M	Incl. °

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast ϕ & Structure	Altn. Wd	Altn. Fr	QTz %	Description of Chips
48	Grey	Fissile	/	/	—	Grey SLATE, minor Sandstone.
	"	"	/	/	—	" "
	"	"	/	/	—	" "
	Grey+Tan	Bedded?		/	—	Grey SLATE, + m.g. SANDSTONE
52	Grey	" / "		/	—	" " " "
	Grey+Buff	" / "	/	/	—	" " " "
	Grey+Tan	" / "	/	/	5	" " and f.g.st. SST, milky Qtz.
	Grey-Buff	massive		/	—	Grey SANDSTONE
56	Grey	Fmt/Bedded		/	—	Grey SLATE and m.-f.g. SANDSTONE
	Grey-Buff	" / "		/	2	Grey SLATE, f.g. SLST, minor SST, milky Qtz
	Grey	fissile		/	—	Grey SILTSTONE and SLATE
	"	Bedded?		/	—	" " and f.g. SANDSTONE
60	Grey	fissile		/	—	Grey SLATE, bleached to buff on joints
	Olive-Tan	massive	/		—	Tan (oxidised) f.g. SANDSTONE
	Olive-Grey	Fmt. Bedded?		/	2	Grey SLATE + SANDSTONE, 2% milky m. Qtz
				/	100	Iron stained milky Qtz
64	Olive Grey	Fmt Bedded?	/	/	1	Dk. grey f.g. SST and SLATE, ord. joints
	Dk. Olive Grey	" "	/	/	—	F.g. SST and dk. grey SLATE
	Dk Grey	massive		/	—	Dk. grey f.g. SANDSTONE
	"	Fmt. Bedded?		/	—	" " " and dk. grey SLATE
68	"	fissile		/	—	Dk. grey SLATE
	"	"		/	—	" "
	"	Fmt. Bedded?		/	—	Dk. grey f.g. SANDSTONE.
	Dk. Grey	fissile		/	5	Dk. grey SLATE milky-clear Qtz. veins
92	"	"		/	—	" "
	"	"		/	—	" "
	"	"		/	—	" "
	Dk. grey	"		/	—	Dk. grey SLATE and Black SILTSTONE
96	"	"		/	—	" " " "
	"	"		/	—	"
	"	"		/	—	"
80	"	"				

5 cm

852633 852634 852635 852636 852637 852638 852639 852640

164041

GRAPHIC CORE LOG	Hole No. PHRC – 8	Depth 80.0 m
Scale 1: 200	Project PEAKED HILL	EL 9/96 TAS
By W. HERRMANN	Section	
Date 11 JULY 1997	Collar co-ords 9140 E 10130 N	RL
Page 1 of 2	Az. °G 315 °M	Incl. –60 °

5 cm

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast ϕ & Structure	Altn. Wk Fr	QTZ %	Description of chips
0	SAMPLE COLOUR				
	Brown/Stony		/	–	Stony Soil.
	Buff	massive	/	–	Weathered f.g. SANDSTONE
4	"	"	/	–	" " "
	"	finite	/	–	" " "
	"	"	/	–	" " "
	"	"	/	2	" " " milky Qtz.
8	pinkish Buff	laminated	/	5	" SST and SLATE, fe.stained milky Q
	"	"	/	–	" " " "
	Buff	massive	/	–	Wd. f.g. SANDSTONE
	pinkish Buff	laminated	/	5	Weath. SST and SLATE, fe.st. milky Qtz.
12	"	"	/	–	" " " "
	Buff	"	/	–	" " " "
	"	"	/	–	" " " "
	"	"	/	–	" " " "
16	"	"	/	–	" " " "
	"	"	/	–	" " " "
	"	finite	/	–	Bleached grey SLATE
	"	laminated	/	–	Bl'ched SLATE and SANDSTONE
20	"	"	/	–	" " " "
	"	"	/	–	" " " "
	"	"	/	–	" " " "
	"	"	/	–	" " " "
24	"	"	/	–	" " " "
	"	"	/	–	" " " "
	"	"	/	–	" " " "
	"	"	/	–	" " " "
28	pale grey	"	/	–	" " " "
	Buff	"	/	–	" " " "
	pale grey	"	/	–	" " " "
	Buff	"	/	–	" " " "
32	"	"	/	–	Bleached SLATE
	"	"	/	–	Bleached SLATE and f.g. SANDSTONE
	"	"	/	–	" " " " "
	Tan	massive?	/	–	weakly Fe.stained f.g. SANDSTONE
36	Grey	laminated	/ /	–	Grey SLATE, minor SANDSTONE
	Tan	massive	/	–	f.g. weakly limonitic SANDSTONE
	Tan-Grey	finite	/ /	–	Grey SLATE, bleached on joint
	Grey	"	/ /	–	" " "
40	"	"	/ /	–	" " "
	"	"	/ /	–	" " "
	"	"	/ /	–	" " " minor SLST
	"	"	/ /	2	" " " , milky Qtz.
44	Buff	Bedded?	/ /	–	Grey SLATE and Fe st. SANDSTONE
	"	"	/ /	–	" " " "
	"	"	/ /	–	Bl'ched SLATE and f.g. SANDSTONE
	"	laminated	/ /	–	" " " "
48	Pale grey	"	/ /	–	" " " "

8526 51 8526 52 8526 43 8526 44 8526 45 8526 46 8526 47 8526 48 8526 49 8526 50 8526 51 8526 52

9140 E 10115 N

164042

GRAPHIC CORE LOG	Hole No. PHRC - 8	Depth m
Scale 1: 200	Project	
By	Section	
Date	Collar co-ords E	N RL
Page 2 of 2	Az. °G °M	Incl. °

5 cm

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast φ & Structure	Altn. wtd Fr.	Qtz %	Description of chips
48	Tan	laminated	/ /	—	Bleached - Grey SLATE and fg. Fe st. SANDSTONE
	Grey	"	/ /	—	" " " " "
	Buff	"	/ /	—	" " " " "
	"	"	/ /	—	" " " " "
52	Tan	"	/ /	—	" " " and fg fest. SANDSTONE
	"	"	/ /	—	" " " " " "
	"	"	/ /	—	" " " " " "
	Grey	"	/ /	—	" " " " " "
56	"	"	/ /	—	" " " " " "
	Grey + Tan	"	/ /	—	" " " (minor SANDSTONE
	"	"	/ /	—	" " " and fg. SANDSTONE
	"	"	/ /	—	" " " " "
60	Grey	"	/ /	—	" " " " "
	Brown + Grey	"	/ /	—	" " " " "
	Brown - Buff	"	/ /	—	" " " " "
64	Buff	"	/ /	—	" " " " "
	"	"	/ /	—	" " " " "
	Buff - Grey	"	/ /	—	" " " " "
	"	"	/ /	—	" " " " "
	"	"	/ /	—	" " " " "
68	Khaki	"	/ /	—	" " " " "
	Tan Grey	"	/ /	—	" " " " "
	" "	"	/ /	2	" " " " (milky Qtz)
72	Dark Grey	"	/	—	Dark Grey SLATE
	"	"	/	—	Dark Grey fg. SANDSTONE
	"	"	/ /	50	Dk. Grey SST + SLATE, Fe stained milky Qtz.
	"	"	/ /	—	Dk. grey SLATE and fg. SANDSTONE
76	"	"	/	2	" " " " (milky Qtz)
	"	"	/	—	" " " " "
	"	"	/	—	" " " " "
	"	"	/	—	" " " " "
80	"	"	/	10	" " " " (milky Qtz)

852453 852454 852455 852456 852457 852458 852459 852460

164043

5 cm

GRAPHIC CORE LOG	Hole No. PHRC-9	Depth 80.0 m
Scale 1:200	Project Peaked Hill EL 9/96 TAS	
By W. HERRMANN	Section	
Date 11 JULY 1997	Collar co-ords ~9110 E ~10115 N	RL
Page 1 of 2	Az. °G 315 °M	Incl. -60 °

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast ϕ & Structure	Altn. Wd	Altn. Fr	QTZ %	Description of chips.
0	SAMPLE Colour					
	Tan/Brown					Brown Clayey Soil & tree roots etc.
4	Buff	Powdery	/		–	Clay ex weathered SLATE
	"	Massive	/		–	weathered f.g. SANDSTONE
	"	laminated	/		–	weathered f.g. SST and SLATE
	"	"	/		–	" " " "
8	"	"	/		–	weathered SLATE
	"	"	/		–	weathered SLATE and f.g. SANDSTONE
	"	"	/		–	" " " "
	"	"	/		–	" " " "
	"	"	/		–	" " " "
12	"	"	/		–	" " " "
	"	"	/		–	" " " "
	"	"	/		–	Weathd. SLATE
	"	"	/		–	Wthd. SLATE + f.g. SST
16	Buff-Dk Brn	"	/		–	" " " " laminatic SST
	Brn-Grey	"	/	/	–	SLATE
	Buff	"	/		–	Wthd. SLATE + f.g. SANDSTONE
	"	"	/		–	" " " "
20	pinkish Buff	"	/		–	" " " " (limonitic)
	Buff	"	/		–	" " " "
	Tan	"	/		–	" " " "
	Buff	"	/		–	" " " "
24	"	"	/		–	" " " "
	Purplish Buff	"	/		–	" " " " (limonitic)
	pinkish Buff	"	/		–	" " " "
	"	"	/		–	" " " "
28	Buff	"	/		–	" " " "
	"	"	/		–	" " " "
	"	"	/		–	" " " "
	"	"	/		–	" " " "
32	pinkish Buff	"	/		–	" " " "
	greyish Buff	"	/		–	" " " "
	Buff	"	/		–	" " " "
	Khaki	"	/		–	" " " "
	Tan	"	/		–	" " " "
36	Buff + Tan	"	/		–	" " " " (limonitic)
	Grey	NO CHIPS				(NO CHIPS)
	Brownish Grey	laminated	/		–	Wthd. SLATE and f.g. SANDSTONE (limonitic)
	Pale grey	"	/		–	" " " " "
40	"	"	/	/	–	" " " " "
	Grey	"	/	/	50	Grey SLATE and SANDSTONE, milky Qtz
	"	"	/	/	50	" " " " "
44	Khaki	Fissile	/	/	–	Grey SLATE (bleached joints)
	olive grey	"	/	/	–	" " "
	Dark grey	"	/	/	–	Dark grey SLATE
	Olive grey	"	/	/	50	" " " ; festained milky Qtz
48	Dark grey	laminated	/	/	–	" " " ; minor f.g. SST.

852664 852662 852663 852665 852666 852669 852668 852669 852670 852671 852672

164041

GRAPHIC CORE LOG | **Hole No.** PHRC - 9 | Depth m

Scale 1: | Project

By | Section

Date | Collar co-ords E N RL

Page 2 of 2 | Az. °G °M Incl. °

5 cm

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast ϕ & Structure	Attn. wk	Attn. Fr	QTZ. %	Description & clasts
48	Dark grey	finite		/	—	Dark grey SLATE
	"	laminated		/	—	Dark grey f.g. SANDSTONE and SLATE
	"	finite		/	—	Dark grey SLATE
52	"	"		/	—	" "
	"	"		/	—	" "
	"	"		/	—	" "
	"	"		/	—	" "
56	"	"		/	—	" "
	"	"		/	—	" "
	"	laminated		/	2	" " minor SST; milky Qtz
	"	"		/	—	" SLATE —
60	"	"		/	—	" " "
	"	finite		/	—	" " —
	"	laminated		/	—	" " "
	"	"		/	—	" SLATE + SANDSTONE
64	Grey	Bedded ?		/	—	Grey f.g. SANDSTONE
	"	laminated		/	—	" " " and SLATE
	Dark Grey	"		/	—	" " " " "
	Grey	"		/	—	" " " — —
68	Dark Grey	"		/	—	" " " " "
	"	"		/	5	" " " " " ; milky Qtz
	"	"		/	10	" " " " " " "
	"	Finite		/	—	Dark grey SLATE
	"	"		/	—	" "
72	"	"		/	—	" "
	"	"		/	—	" "
	"	laminated		/	5	" and SANDSTONE; milky Q
76	"	"		/	2	" " " "
	"	finite		/	—	" " — —
	"	laminated		/	—	" " " "
	"	"		/	50	" " " " ; milky Q
80	"	finite		/	2	Dark grey SLATE " "

852683
852674
852675
852676
852677
852678
852679
852680

164045

GRAPHIC CORE LOG	Hole No. PHD 1 (A)	Dupth 52.8 m
Scale 1:230	Project PEAKED HILL EL 9/96 TASMANIA	
By W. UERRMANN	Section	(RL ~ 11m lower)
Date 4 JULY 1997	Collar co-ords ~9800 E ~9290 N from PHD 2 RL	
Page of	Az. °G 165 °M	Incl. −52 °

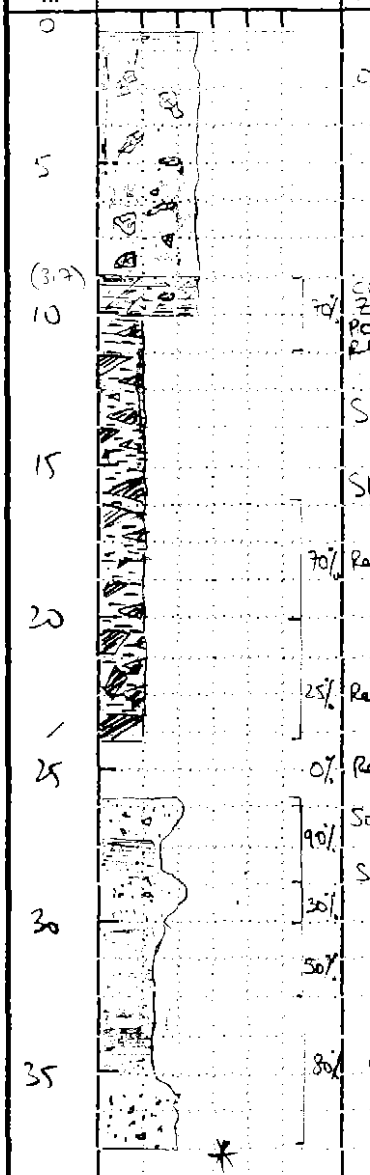
5 cm

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast φ & Structure	Alth.		Description
	NO CORE				
2.0					Orange Brown Stony Clay.
5					White Clay. Dark grey clay and weathered SST.
	BASE OF	OXIDATION			
10					Massive to diffuse bedded dark grey marly fine SANDSTONE / MUDSTONE Poorly sorted, muddy matrix, sand grains generally <0.2mm; Sporadic rounded pebbles to 15mm of dark chert and black crystalline limestone, irregular pellets dark mudstone (bioturbated?) and coarse crenulate Brachiopods? and Solitary corals. Matrix is quite soft, semi lithified. Weak cleavage or parting sub// to bedding. No veining.
	Bioturbated				
15					
20					
		So: 40°			
25		So: 30°			
		So: 40°			
30					
35					
		So: 35°			
40		So: 50°			Fossiliferous polymictic Conglomerate. Large fossils of shelly Brachiopod? and solitary corals with well rounded to angular lithic clasts of gritty sandstone, siliceous siltstone and porcelanite chert matrix supported in fairly clean well sorted m.g. sandy matrix which is also slightly calcareous.
45					
50					

164046

5 cm

GRAPHIC CORE LOG	Hole No. PHD 2	Depth 37.5 m
Scale 1:250	Project Penrhyn Hill EL 9/96	
By W.MERTMANN	Section	
Date 18 JULY 1997	Collar co-ords ~8970 E ~9230 N	RL
Page 1 of 1	Az. °G 345 °M	Incl. -52° °



Description

0 – 0.2m NO CORE

IRONSTONE: massive compact to earthy siliceous-limonitic ironstone with zones of brecciated/weathered clayey pug. Ironstone variably siliceous upto ~70% fine sintery qtz with characteristic drusy cavities; more massively, limonitic parts have patchy porous to infilled fine (0.5mm) boxwork texture; (not necessarily ex sulphide)

WEATHERED CLAYEY SHALE.
Variably orange mottled to pale grey very soft clayey-soapy weathered shale, relicts of dark grey (least weathered) shale at ~17m. Core is very poor/v. and has been washed away to low recoveries especially below 20m, but consistent shaly foliation suggests it is weathered in situ and not polymodal rubble/talus

WEATHERED? - CLAYEY. Diffuse bedded dark grey (slightly pyritic?) MUDSTONE, SANDY MUDSTONE and gritty-LITHIC SANDSTONE. Very poorly sorted, matrix supported angular grains of qtz, minor green mafic/ultramafic minerals and rare sub rounded clasts of qtzite and sandstone. Similar lithology to PHD1 but no fossils or calcareous veins observed. Not fissile or foliated as in shales above; this sequence is surprisingly unlithified for pre Devonian rocks - could it be Permian or younger?? It is soft and appears weathered but is not OXIDISED!

* Hole abandoned due to difficult drilling conditions: Hole continued to cave in or collapse at ~26m but casing could not be advanced beyond ~20m. Casing eventually recovered with extreme difficulty

164047

GRAPHIC CORE LOG	Hole No. PHD 2	Depth 51.8 m
Scale 1:250	Project Pearlwd Hill EL 9/96	
By W. HERRMANN	Section	RL approx 17m
Date 17 JULY 1997	Collar co-ords ~8105 E 9272	N (over from PHD2 RL
Page 1 of 1	Az. °G 345 °M	Incl. -52 °

5 cm

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast φ & Structure	Altn.	Description
0		Oxidized - clayey		Massive red brown clay with fragments of limonitic IRONSTONE and minor vein qtz and weathered fg. SILTSTONE?
5				Massive, weathered pale pinkish grey MUDSTONE and SANDY MUDSTONE looks like soft clayey oxidised equivalent of dark grey sediments below. Immature and mostly poorly sorted. Minor ironstaining on some joints but not generally limonitic.
10				
15	←	BASE of OXIDATION		
20		So: 70° LAC		Massive to diffusely bedded dark grey (slightly pyritic) MUDSTONE and muddy SANDSTONE. Similar muddy lithotype to units in PHD1 and PHD2 but without fossils or pebbly clasts. 20cm. thick sandstone bed? at 23.8m contains rare fossils of crinoid stems or echinoid spines? (Hollow, cylindrical <?mm) Occasional rounded to sub angular matrix supported pebbles of meta-quartzite (eg: 28.3m) Biotite granite pebble at 42.2m.
25	CALCAREOUS SST BED.			
30	Bioturbated?			
		So: 75° LAC		
35				
40	Pg clast Pebble & granite Pebble	So: 50°		Massive to thick/bitforce bedded dark grey to black fg. muddy sandstone and f-mg pebbly - fossiliferous sandstone with matrix supported clasts of Qtzt, Schist, Shelly - coral fossils and massive mudstone intraclasts (possible bioturbated sections?) Sandy layers locally slightly coal seamy clay matrix
45		So: 80°		Consistent bedding planes at 30° to TOC with sharp bases to sandy beds eg. 51.5m suggest inverting upwards? Rare pyritic schist and qtzt pebbles (well rounded) eg 42.5m
50	↑ ?	So: 30°		

164043

GRAPHIC CORE LOG	Hole No. PHD 4	Depth 37.5 m
Scale 1: 250	Project PEAKED HILL	EL 9/96
By W. HERRMANN	Section	
Date 24 JULY 1997	Collar co-ords E	N *Approx 2.5m lower than PHD2 RL*
Page 1 of 1	Az. °G – °M	Incl. −90°

5 cm

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast ϕ & Structure	Altn.	Description
0	RECOV. %	(Recovery ~100% unless otherwise noted)		0–0.2m NO CORE
5	clayey/ Rubble 25%	Broken lumps of milky vn Qtz.		MASSIVE – CAVERNOUS – SPONGY LIMONITIC IRONSTONE 80% limonite with fine <2mm cellular boxwork, locally crude layering & marine + vuggy pores, less siliceous than in PHD2
	50%	lumps of friable SLATE		CLAYEY – RUBBLE : Buff clay with broken pieces of milky vn Qtz (above 7.0m) and friable pale-dk grey SLATE (some relict dk grey bands) Fairly solid weathered SLATE 9–11.5m. Generally rather rubbly/broken – possibly sheared
10	Sltd. Dk. grey	SLATE		
	15%			MASSIVE pale grey – buff weathered/leached f-g Qtzitic SANDSTONE
15	BASE of OXIDATION (17m)			SHEARED BLACK GRAPHITIC ? MUDSTONE, Slightly Pyritic
	<5%	0.5% disem PYRITE		
20	Slump Breccia?	So: 60°		MASSIVE TO DIFFUSE BEDDED (rarely laminated) f-m grained muddy SANDSTONE – MUDSTONE and minor lithic – pebbly – fossiliferous SANDSTONE (Identical to lithologies in PD1,2,3) Fossils include coarse shell (Brachiopods? or coenulate bivalves!) + slender septate corals, mainly restricted to below 32m Clasts variably angular to well rounded incl. pyritic schist, dk grey cherty qtzite, minor red granite?, very immature sediment, sandy grains not well sorted fine to gritty, always matrix supported. As in PD1,2,3, this sst-mudst sequence is soft and virtually unlithified – no evidence of strong cleavage or fissility as in grey SLATE upHole. Soft and evidently weathered but not oxidized, there are common traces of detrital pyrite (<0.2% general) Fairly consistent bedding angles of 60-70° indicate a flat tilt dip (Hole is vertical) * Matrix not generally calcareous except for 37.0–37.5m(0.1) which is lithologically similar to pale grey calcareous limestone at 23.8m in PHD3
	Bioturbated?	So: ~70°		
25				
30		So ~ 60°		
	fossiliferous			
35		So ~ 60°		
	37.5 EOH			
40				

Appendix 3

Sample Record Sheets

RESOLUTE LIMITED (EXPLORATION)

164050

Project Name: PEAKED HILL Prospect Name: Peaked Hill Tenement No.: 9/96

Sampler: JIM Sample Type: RC 4m Composit Sample Submission No.:

Note: New Area - New Page & New Sample Type - New Page Date: 5 / 7 / 97

Sample No.	Drillhole	Interval	Description	Coordinates	
				N	E
852501	PHRC -1	0-4		10800	9490
2		-8			
3		-12			
4		-16			
5		-20			
6		-24			
7		-28			
8		-32			
● 9		-36			
852510		-40			
1		-44			
2		-48			
3		-52			
4		-56			
5		-60			
6		-64			
7		-68			
8		-72			
● 9		-76			
852520		-80	E.O.H.		
1	PHRC -2	0-4		10760	9488
2		-8			
3		~~-16~~	-12		
4		~~-20~~	-16		
5		~~-24~~	-20		
6		~~-28~~	-24		
7		~~-32~~	-28		
8		~~-36~~	-32		
9		~~-40~~	-36		
852530		~~-44~~	-40		

RESOLUTE LIMITED (EXPLORATION)

164051

Project Name: PEAKED HILL Prospect Name: _____ Tenement No.: 9/96

Sampler: JIM Sample Type: RC 4m COMPS. Sample Submission No.: _____

Note: New Area - New Page & New Sample Type - New Page Date: 5 / 7 / 97

Sample No.	Drillhole	Interval	Description	Coordinates	
				N	E
852531	PHRC -2	~~45-48~~	41-44	10760	9488
2		~~52~~	-48		
3		~~56~~	-52		
4		~~60~~	-56		
5		~~64~~	-60		
6		~~68~~	-64		
7		~~72~~	-68		
8		~~76~~	-72		
● 9			-76		
852540			-80 E.O.H.		
1	PHRC -3	0-4		10140	9262
2		-8			
3		-12			
4		-16			
5		-20			
6		-24			
7		-28			
8		-32			
● 9		-36			
852550		-40			
1		-44			
2		-48			
3		-52			
4		-56 ~~58~~			
5		-60			
6		-64			
7		-68			
8		-72			
9		-76			
852560		-80	E.O.H.		

RESOLUTE LIMITED (EXPLORATION) 164052

Project Name: PEAKED HILL Prospect Name: _____ Tenement No.: 9/96

Sampler: JIM Sample Type: RC 4m COMPS Sample Submission No.: _____

Note: New Area - New Page & New Sample Type - New Page Date: 7 / 7 / 97

Sample No.	Drillhole	Interval	Description	Coordinates	
				N	E
852561	PHRC -4	0-4		10097	9250
2		-8			
3		-12			
4		-16			
5		-20			
6		-24			
7		-28			
8		-32			
9		-36			
852570		-40			
1		-44			
2		-48			
3		-52			
4		-56			
5		-60			
6		-64			
7		-68			
8		-72			
9		-76			
852580		-80	E.O.H. ALRIGHT!		
1	PHRC -5	0-4		10060	9246
2		-8			
3		-12			
4		-16			
5		-20			
6		-24			
7		-28			
8		-32			
9		-36			
852590		-40			

RESOLUTE LIMITED (EXPLORATION) 164053

Project Name: PEAKED HILL Prospect Name: _____ Tenement No.: 9/96

Sampler: JIM Sample Type: RC 4m COMPS Sample Submission No.: _____

Note: New Area - New Page & New Sample Type - New Page Date: 8 / 7 / 97

Sample No.	Drillhole	Interval	Description	Coordinates	
				N	E
852591	PHRC -5	41-44		10060	9246
2		-48			
3		-52			
4		-56			
5		-60			
6		-64			
7		-68			
8		-72			
9		-76			
852600		-80	E.O.H.		
1	PHRC -6	0-4		9940	9250
2		-8			
3		-12			
4		-16			
5		-20			
6		-24			
7		-28			
8		-32			
9		-36			
852610		-40			
1		-44			
2		-48			
3		-52			
4		-56			
5		-60			
6		-64			
7		-68			
8		-72			
9		-76			
852620		-80	E.O.H.		

RESOLUTE LIMITED (EXPLORATION)

164054

Project Name: PEAKED HILL Prospect Name: _____ Tenement No.: 9/96

Sampler: JIM Sample Type: RC 4m COMPS. Sample Submission No.: _____

Note: New Area - New Page & New Sample Type - New Page Date: 10 / 7 / 97

Sample No.	Drillhole	Interval	Description	Coordinates	
				N	E
852621	PHRC -7	0-4		10090	9170
2		-8			
3		-12			
4		-16			
5		-20			
6		-24			
7		-28			
8		-32			
9		-36			
852630		-40			
1		-44			
2		-48			
3		-52			
4		-56			
5		-60			
6		-64			
7		-68			
8		-72			
9		-76			
852640		-80	E.O.H.		
1	PHRC -8	0-4		10130	9140
2		-8			
3		-12			
4		-16			
5		-20			
6		-24			
7		-28			
8		-32			
9		-36			
852650		-40			

RESOLUTE LIMITED (EXPLORATION)

164055

Project Name: PEAKED HILL Prospect Name: _____ Tenement No.: 9/96

Sampler: JIM Sample Type: RC 4m COMPS Sample Submission No.: _____

Note: New Area - New Page & New Sample Type - New Page Date: 10 / 7 / 97

Sample No.	Drillhole	Interval	Description	Coordinates	
				N	E
852651	PHRC -8	41-44		10130	9140
2		-48			
3		-52			
4		-56			
5		-60			
6		-64			
7		-68			
8		-72			
9		-76			
852660		-80	E.O.H.		
1	PHRC -9	0-4		10115	9110
2		-8			
3		-12			
4		-16			
5		-20			
6		-24			
7		-28			
8		-32			
9		-36			
852670		-40			
1		-44			
2		-48			
3		-52			
4		-56			
5		-60			
6		-64			
7		-68			
8		-72			
9		-76			
852680		-80	E.O.H.		

RESOLUTE LIMITED (EXPLORATION)

164056

Project Name: PEAKED HILL Prospect Name: Peaked Hill Tenement No.: 9/96

Sampler: JIM Sample Type: ½ NQ CORE Sample Submission No.:

Note: New Area - New Page & New Sample Type - New Page Date: 5 / 8 / 97

Sample No.	Drillhole	Interval	Description	Coordinates N	Coordinates E
852631	PHD -2	0·7 – 1·7			
2		1·7 – 2·7			
3		2·7 – 3·7			
4		3·7 – 4·7			
5		4·7 – 5·7			
6		5·7 – 6·7			
7		6·7 – 7·7			
8		7·7 – 8·7			
9					
852690					
1	PHD -4	0·3 – 2·0			
2		2·0 – 3·0			
3		3·0 – 4·0			
4		4·0 – 5·0			
5					
6					
7					
8					
9					
852700					
1					
2					
3					
4					
5					
6					
7					
8					
9					
852710					

164057

Appendix 4

Assay Results

164058

A N A L A B S

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (004) 31 6837
Facsimile : (004) 31 8890

Our reference : BU013367
Your reference : **WALLY HERRMANN**
Project code :
Date received : 14/07/97
Date reported : 25/07/97

Grant MacDonald

Resolute Resources Limited
P.O. Box 63
ZEEHAN

TAS 7469

Number of pages of results : 4
Number of Samples : 180
First Sample : 852501
Last Sample : 852680

Invoice to:
Grant MacDonald

Resolute Resources Limited
P.O. Box 63
ZEEHAN

TAS 7469

Electronic Data Transmission :
Modem / /
Facsimile / /
Disk Report / /

Preliminary Reports :
18/07/97 Report
20/07/97 Report
25/07/97 Report

Results to:

Results to:

Remarks :

RC Drilling Peaked Hill, EL 9/96 ANDERSONS CK

Authorised by .....
On behalf of:

Richard Newman
Laboratory Manager

The results in the following analytical report pertain to the samples provided to this laboratory for preparation and/or analysis as requested by the client.

164059

A N A L A B S

Our reference : BU013367
Your reference : **WALLY HERRMANN**
Project code :
Report date : 25/07/97
Report status : Final
Page : 1 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (004) 31 6837
Facsimile : (004) 31 8890

ANALYTICAL DATA

Sample	Au	Au(R)	As	As		
852501	<0.01	--	<50	22		
852502	<0.01	--	<50	17		
852503	<0.01	--	<50	2		
852504	<0.01	--	<50	10		
852505	<0.01	--	<50	5		
852506	<0.01	--	83	N.A.		
852507	<0.01	--	189	N.A.		
852508	<0.01	--	250	N.A.		
852509	<0.01	<0.01	252	N.A.		
852510	<0.01	--	153	N.A.		
852511	<0.01	--	157	N.A.		
852512	<0.01	--	52	N.A.		
852513	<0.01	--	<50	26		
852514	<0.01	--	<50	17		
852515	<0.01	--	<50	10		
852516	<0.01	<0.01	<50	7		
852517	<0.01	--	<50	14		
852518	<0.01	--	<50	19		
852519	<0.01	--	<50	8		
852520	<0.01	--	<50	19		
852521	<0.01	--	69	N.A.		
852522	<0.01	--	109	N.A.		
852523	<0.01	--	111	N.A.		
852524	<0.01	--	277	N.A.		
852525	<0.01	--	223	N.A.		
852526	<0.01	--	<50	47		
852527	<0.01	--	178	N.A.		
852528	<0.01	--	192	N.A.		
852529	<0.01	--	53	N.A.		
852530	<0.01	--	291	N.A.		
852531	<0.01	--	131	N.A.		
852532	<0.01	--	<50	45		
852533	<0.01	--	<50	27		
852534	<0.01	<0.01	<50	18		
852535	<0.01	--	<50	25		
852536	<0.01	--	<50	24		
852537	<0.01	--	161	N.A.		
852538	<0.01	--	120	N.A.		
852539	<0.01	--	101	N.A.		
852540	<0.01	--	<50	30		
852541	<0.01	--	<50	39		
852542	<0.01	<0.01	<50	36		
852543	<0.01	--	<50	9		
852544	<0.01	--	<50	12		
852545	<0.01	--	<50	20		
852546	<0.01	--	<50	22		
852547	<0.01	--	<50	18		
852548	<0.01	--	<50	24		
852549	<0.01	--	<50	11		
852550	<0.01	--	<50	<1		
Method	F650	F650	A102	H102		
Units	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	50	1		

Notes: N.A. = not analysed, -- = element not determined, I.S. = insufficient sample, L.N.R. = listed not received

164060

A N A L A B S

Our reference : BU013367
Your reference : **WALLY HERRMANN**
Project code :
Report date : 25/07/97
Report status : Final
Page : 2 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (004) 31 6837
Facsimile : (004) 31 8890

ANALYTICAL DATA

Sample	Au	Au(R)	As	As		
852551	<0.01	--	<50	<1		
852552	<0.01	--	<50	1		
852553	<0.01	--	<50	11		
852554	<0.01	--	<50	1		
852555	<0.01	--	<50	7		
852556	<0.01	--	<50	21		
852557	<0.01	--	<50	21		
852558	<0.01	--	<50	4		
852559	<0.01	<0.01	<50	33		
852560	<0.01	--	<50	22		
852561	<0.01	--	<50	11		
852562	<0.01	--	<50	21		
852563	<0.01	--	<50	40		
852564	<0.01	--	<50	24		
852565	<0.01	--	<50	28		
852566	<0.01	--	<50	19		
852567	<0.01	--	<50	31		
852568	<0.01	--	92	N.A.		
852569	<0.01	--	<50	43		
852570	<0.01	--	63	N.A.		
852571	<0.01	--	<50	22		
852572	<0.01	--	<50	12		
852573	<0.01	--	<50	24		
852574	<0.01	<0.01	<50	40		
852575	<0.01	--	<50	14		
852576	<0.01	--	<50	10		
852577	<0.01	--	<50	11		
852578	<0.01	--	<50	14		
852579	<0.01	--	<50	47		
852580	<0.01	--	<50	41		
852581	<0.01	--	74	N.A.		
852582	<0.01	--	<50	42		
852583	<0.01	--	53	N.A.		
852584	<0.01	<0.01	<50	28		
852585	<0.01	--	<50	22		
852586	<0.01	--	<50	28		
852587	<0.01	--	<50	12		
852588	<0.01	--	329	N.A.		
852589	<0.01	--	<50	44		
852590	<0.01	--	<50	9		
852591	<0.01	--	<50	34		
852592	<0.01	--	<50	12		
852593	<0.01	--	<50	12		
852594	<0.01	--	<50	3		
852595	<0.01	--	<50	12		
852596	<0.01	--	<50	27		
852597	<0.01	--	<50	17		
852598	<0.01	--	<50	14		
852599	<0.01	--	<50	11		
852600	<0.01	<0.01	<50	6		
Method	F650	F650	A102	H102		
Units	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	50	1		

Notes: N.A. = not analysed, -- = element not determined, I.S. = insufficient sample, L.N.R. = listed not received

164061

A N A L A B S

Our reference : BU013367
Your reference : **WALLY HERRMANN**
Project code :
Report date : 25/07/97
Report status : Final
Page : 3 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (004) 31 6837
Facsimile : (004) 31 8890

ANALYTICAL DATA

Sample	Au	Au(R)	As	As		
852601	<0.01	--	<50	17		
852602	<0.01	--	<50	16		
852603	<0.01	--	<50	1		
852604	<0.01	--	<50	<1		
852605	<0.01	--	<50	21		
852606	<0.01	--	<50	1		
852607	<0.01	--	<50	14		
852608	<0.01	--	<50	15		
852609	<0.01	<0.01	<50	8		
852610	<0.01	--	<50	4		
852611	<0.01	--	<50	30		
852612	<0.01	--	53	N.A.		
852613	<0.01	--	124	N.A.		
852614	<0.01	--	113	N.A.		
852615	<0.01	--	93	N.A.		
852616	<0.01	--	<50	18		
852617	<0.01	--	<50	10		
852618	<0.01	<0.01	<50	8		
852619	<0.01	--	<50	5		
852620	<0.01	--	<50	6		
852621	<0.01	--	<50	2		
852622	<0.01	--	<50	<1		
852623	<0.01	--	<50	<1		
852624	<0.01	--	<50	12		
852625	<0.01	--	<50	3		
852626	<0.01	--	<50	31		
852627	<0.01	<0.01	121	N.A.		
852628	<0.01	--	61	N.A.		
852629	<0.01	--	<50	20		
852630	<0.01	--	<50	14		
852631	<0.01	--	256	N.A.		
852632	<0.01	--	<50	30		
852633	<0.01	--	98	N.A.		
852634	<0.01	<0.01	58	N.A.		
852635	<0.01	--	<50	6		
852636	<0.01	--	<50	44		
852637	<0.01	--	<50	20		
852638	<0.01	--	<50	12		
852639	<0.01	--	<50	17		
852640	<0.01	--	<50	7		
852641	<0.01	--	<50	34		
852642	<0.01	--	<50	12		
852643	<0.01	--	<50	41		
852644	<0.01	--	99	N.A.		
852645	<0.01	--	61	N.A.		
852646	<0.01	--	<50	42		
852647	<0.01	--	<50	26		
852648	<0.01	--	<50	<1		
852649	<0.01	--	<50	11		
852650	<0.01	<0.01	<50	15		
Method	F650	F650	A102	H102		
Units	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	50	1		

Notes: N.A. = not analysed, -- = element not determined, I.S. = insufficient sample, L.N.R. = listed not received

164062

A N A L A B S

Our reference : BU013367
Your reference : **WALLY HERRMANN**
Project code :
Report date : 25/07/97
Report status : Final
Page : 4 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (004) 31 6837
Facsimile : (004) 31 8890

ANALYTICAL DATA

Sample	Au	Au(R)	As	As		
852651	<0.01	--	<50	17		
852652	<0.01	--	<50	17		
852653	<0.01	--	<50	2		
852654	<0.01	--	<50	15		
852655	<0.01	--	<50	16		
852656	<0.01	--	<50	22		
852657	<0.01	--	<50	9		
852658	<0.01	--	<50	4		
852659	<0.01	<0.01	<50	<1		
852660	<0.01	--	96	N.A.		
852661	<0.01	--	<50	27		
852662	<0.01	--	<50	6		
852663	<0.01	--	<50	7		
852664	<0.01	--	<50	2		
852665	<0.01	--	<50	32		
852666	<0.01	--	<50	<1		
852667	<0.01	--	<50	32		
852668	<0.01	--	<50	47		
852669	<0.01	--	<50	29		
852670	<0.01	--	<50	10		
852671	<0.01	--	<50	<1		
852672	<0.01	--	<50	12		
852673	<0.01	--	<50	17		
852674	<0.01	<0.01	<50	4		
852675	<0.01	--	<50	7		
852676	<0.01	--	<50	5		
852677	<0.01	--	<50	13		
852678	<0.01	--	<50	15		
852679	<0.01	--	<50	21		
852680	<0.01	--	<50	11		
Method	F650	F650	A102	H102		
Units	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	50	1		

Notes: N.A. = not analysed, -- = element not determined, I.S. = insufficient sample, L.N.R. = listed not received

ANALABS

ANALYSIS DESCRIPTION

Job number : BU013367 Order number : WALLY HERRMANN

Scheme code : S032 - RAB/Perc; Dry, Fine pulverise, Ringmill <3.5kg

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Sample preparation. RAB,Percussion samples;
Dry, Fine pulverise, Ringmill, <3.5kg

Scheme code : F650 - 50g fire assay, Lead collection, AAS

Fire assay, Lead collection, Aqua Regia digest,
AAS, 50g sample.

Scheme code : A102 - AAS analysis

AAS analysis of sample after G102 digest.

Scheme code : H102 - Hydride AAS analysis

Hydride AAS analysis after G102 digest.

16406 1

A N A L A B S

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (004) 31 6837
Facsimile : (004) 31 8890

Our reference : BU013479
Your reference : **Grant McDonald**
Project code : Drill
Date received : 07/08/97
Date reported : 08/08/97

Grant MacDonald

Resolute Resources Limited
P.O. Box 63
ZEEHAN

TAS 7469

Number of pages of results : 1
Number of Samples : 12
First Sample : 852681
Last Sample : 852694

Invoice to:
Grant MacDonald

Resolute Resources Limited
P.O. Box 63
ZEEHAN

TAS 7469

Electronic Data Transmission :
Modem / /
Facsimile / /
Disk Report / /

Results to:

Results to:

Remarks : Diamond drilling (shallow holes) Peaked Hill grid. EL 9/96 "ANDERSONS CREEK"

Authorised by .....
On behalf of:

Richard Newman
Laboratory Manager

The results in the following analytical report pertain to the samples provided to this laboratory for preparation and/or analysis as requested by the client.

164065

A N A L A B S

Our reference : BU013479
Your reference : **Grant McDonald**
Project code : Drill
Report date : 08/08/97
Report status : Final
Page : 1 of 1

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (004) 31 6837
Facsimile : (004) 31 8890

ANALYTICAL DATA

Sample	Au	As				
852681	<0.01	173				
852682	<0.01	152				
852683	<0.01	171				
852684	<0.01	133				
852685	<0.01	104				
852686	<0.01	136				
852687	<0.01	174				
852688	<0.01	124				
852691	<0.01	214				
852692	<0.01	455				
852693	<0.01	404				
852694	<0.01	336				
Method	F630	A102				
Units	ppm	ppm				
Detection Limit	0.01	50				

Notes: N.A. = not analysed, -- = element not determined, I.S. = insufficient sample, L.N.R. = listed not received

164066

ANALABS

ANALYSIS DESCRIPTION

Job number : BU013479 Order number : Grant McDonald

Scheme code : S033 - Drillcore/Rock; Dry, Jaw crush, Fine pulv, Ring

---

Sample preparation. Drillcore,Rock samples; Dry,
Jaw crush, Fine pulverise, Ringmill, <3.5kg

Scheme code : F630 - 30g fire assay, Lead collection, AAS

Fire assay, Lead collection, Aqua Regia digest,
AAS, 30g sample.

Scheme code : G102 - Triple acid digest, Geochemical samples

Triple acid digest, (HCl,HNO3,HClO4), Geochemical
samples.

Scheme code : A102 - AAS analysis

AAS analysis of sample after G102 digest.