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Allstate
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MINERAL RESOURCES
FILE No. EL20/94
1999
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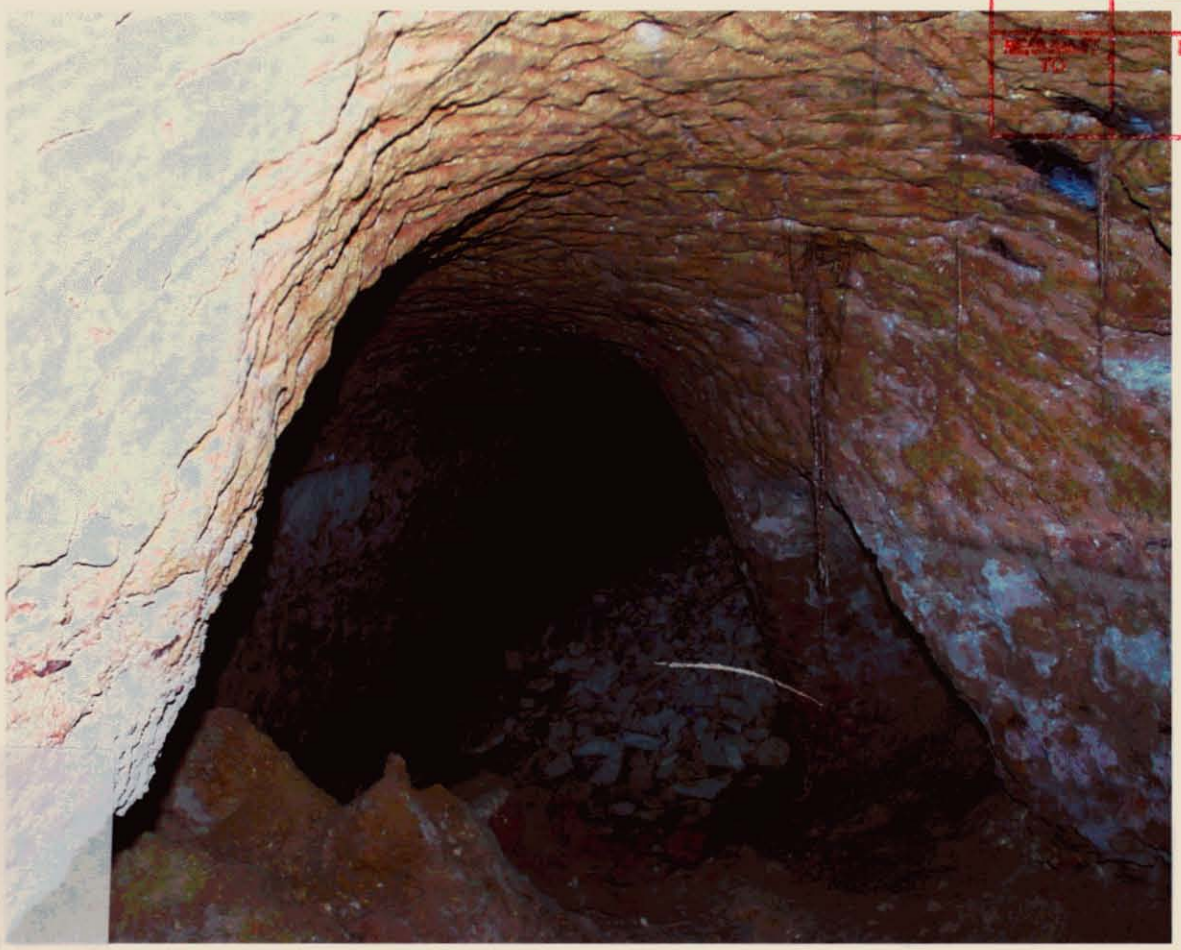
SALISBURY HILL EL 20/94

ANNUAL REPORT

1998/99



G. MacDonald
September 1999

99_4376
Annual Report 1998/99 - Salisbury Hill - EL 20/94
Allstate Explorations NL*
Macdonald, G.
EL20/94

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1.0 SUMMARY

EL 20/94 lies south along strike from the BMJV's Beaconsfield Gold Mine, a mesothermal quartz + ankerite + gold reef with a pre-mining resource of 2Moz.

Exploration in the 1998/99 reporting year, the fifth year of the licence, has focussed on addressing those areas of relatively moderate prospectivity in order to determine areas warranting retention for further exploration.

This work has consisted of a programme of gridding, soil sampling, and rock sampling and mapping with attention paid to locating, mapping and sampling old workings.

A total of 2062 C-horizon soil samples have been collected along a total of 104 kilometres of gridlines on a 100m x 50m pattern with infill up to 25m x 25m. Soils were analysed for Au, As, Cu, Pb and Zn. A total of 269 rocks have been collected for Au, Ag, As, Cu, Pb and Zn analysis.

The sampling has defined a number of soil anomalies with the Wings West Prospect. Old workings discovered, mapped and sampled attest to its prospectivity. Evidence of significant activity by early prospectors was also discovered at the Derwent Adit prospect. Further more discrete anomalies remain for more detailed follow-up sampling.

Unfortunately no rocks sampled returned ore grade assays, however, the areas mapped and sampled would have seen considerable prospecting in the latter part of last century and exploration has not addressed the more highly prospective rocks along the Cabbage Tree and Salisbury Hills.

Mapping grid lines as well as outcrop has helped elucidate the geology of the area with the level of understanding having increased markedly and a new geological map completed.

The definition of a number of prospective soil anomalies and discovery of a number of previously unknown old workings have confirmed the validity of the exploration programme. Continuation of this work over the empirically more prospective ground in the retained portion of the licence is strongly recommended.

2.0 INTRODUCTION

2.1 LOCATION AND ACCESS

EL 20/94 lies to the south of the township of Beaconsfield near Tasmania's central north coast (see figure 1). Beaconsfield lies approximately 40 kilometres north from Launceston on the western side of the Tamar River. Access to the EL is by bitumen road from Launceston. Access within the licence is generally good with a number of bitumen roads and numerous gravel roads crossing the licence area.

2.2 TENURE

The licence was granted to Allstate Prospecting Pty Ltd and is held on behalf of the Beaconsfield Mine Joint Venture, operators of the Beaconsfield Gold Mine. The licence is due for final relinquishment on 28th October 2004 with a 50% relinquishment on 28th October, 1999.

2.3 TOPOGRAPHY, VEGETATION AND LAND USE

The topography is dominated by Salisbury Hill (and the southern end of Cabbage Tree Hill) and Peaked Hill in the northern half of the licence becoming generally more hilly in the south. The area between these hills in the north is moderately flat.

Apart from the area under agricultural cultivation (~60%) the rest of the licence is covered by dry sclerophyll vegetation on the slopes becoming more of a wet sclerophyll community in the gullies and on shaded slopes.

The land is used largely for agriculture or forestry. Forestry is practiced on the hillier ground and hence is more common over the favourable rocks.

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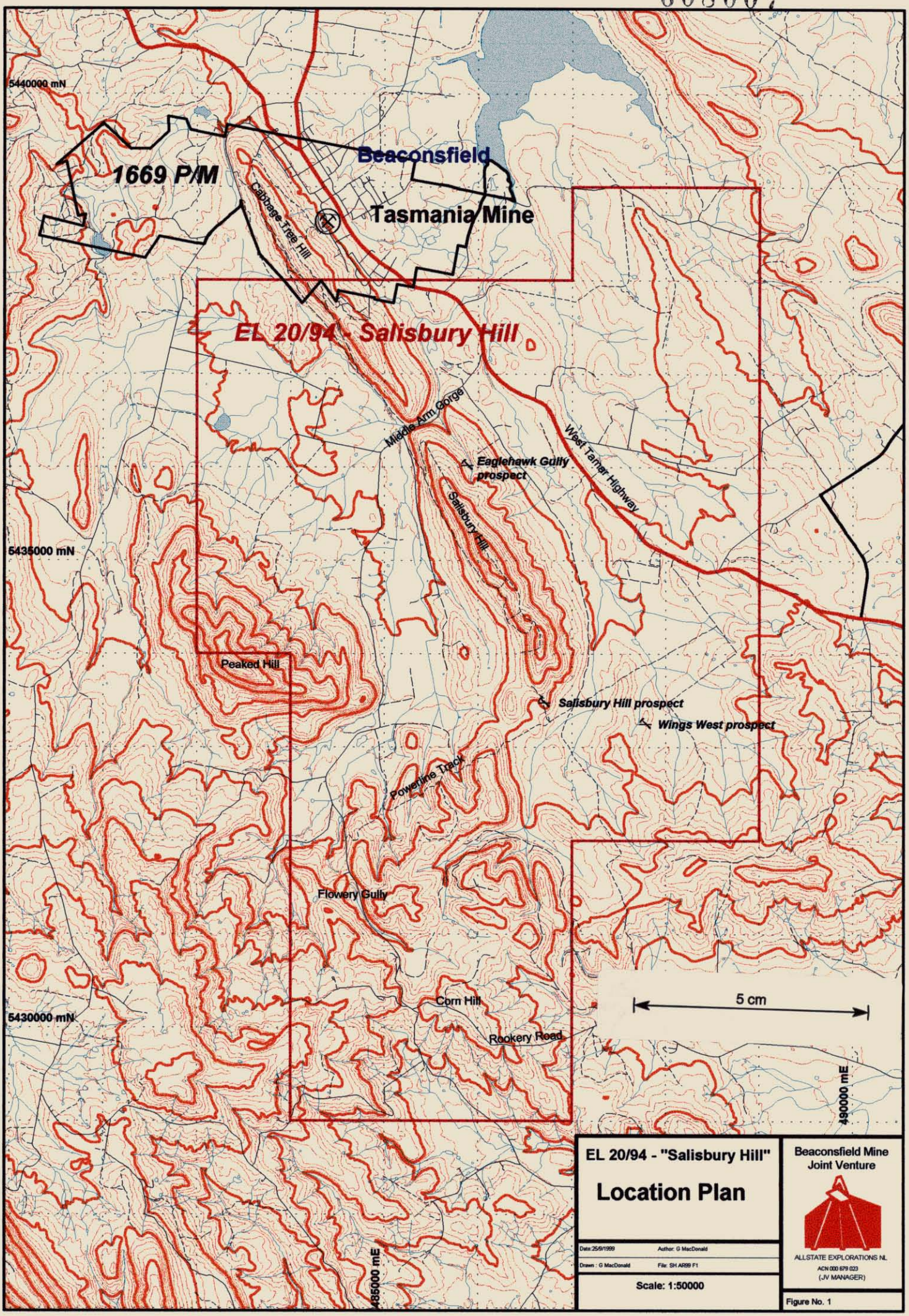
5440000 mN
1669 P/M
Beaconsfield
Tasmania Mine
Cabbage Tree Hill
EL 20/94 - Salisbury Hill
Middle Arm Gorge
Eaglehawk Gully prospect
West Tamar Highway
Salisbury Hill
5435000 mN
Peaked Hill
Salisbury Hill prospect
Wings West prospect
Powerline Track
Flowery Gully
Corn Hill
Rookery Road
5430000 mN
5 cm
490000 mE
485000 mE
EL 20/94 - "Salisbury Hill"
Location Plan
Date:25/9/1999
Author: G MacDonald
Drawn : G MacDonald
File: SH AR99 F1
Scale: 1:50000
Beaconsfield Mine Joint Venture
ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)
Figure No. 1

3.0 EXPLORATION PHILOSOPHY

The exploration philosophy underpinning the work carried out by the BMJV was detailed in MacDonald (1998). In summary the BMJV is exploring for structurally hosted gold mineralisation. Empirically the target model is based upon the developing understanding of the 2Moz Tasmania Reef which is a north-east striking mesothermal quartz + ankerite + sulphide (pyrite + arsenopyrite > chalcopyrite + sphalerite + galena) reef hosted within the Salisbury Hill and Eaglehawk Gully Formations of the Denison Group in the Cabbage Tree Thrust slice.

Apart from this principal target model there are a number of other possible settings for economic gold mineralisation suggested by more minor occurrences in the region as well as more conceptual models. These were discussed in MacDonald (1998).

To date mapping, rock and soil sampling and aeromagnetics have been used as the principal search methods, however, it is recognized that systematic drilling will become more important as the reopened mine starts to generate revenue. In planning the work programme for 1999 the licence was divided into those areas definitely to be retained, those definitely to be relinquished and those requiring investigation for the purposes of finalising the above distinction. The areas are illustrated in figure 2. Work concentrated in the third category accounting for 50% of the licence area but partially covered the first two categories where this was considered necessary to complete the picture.

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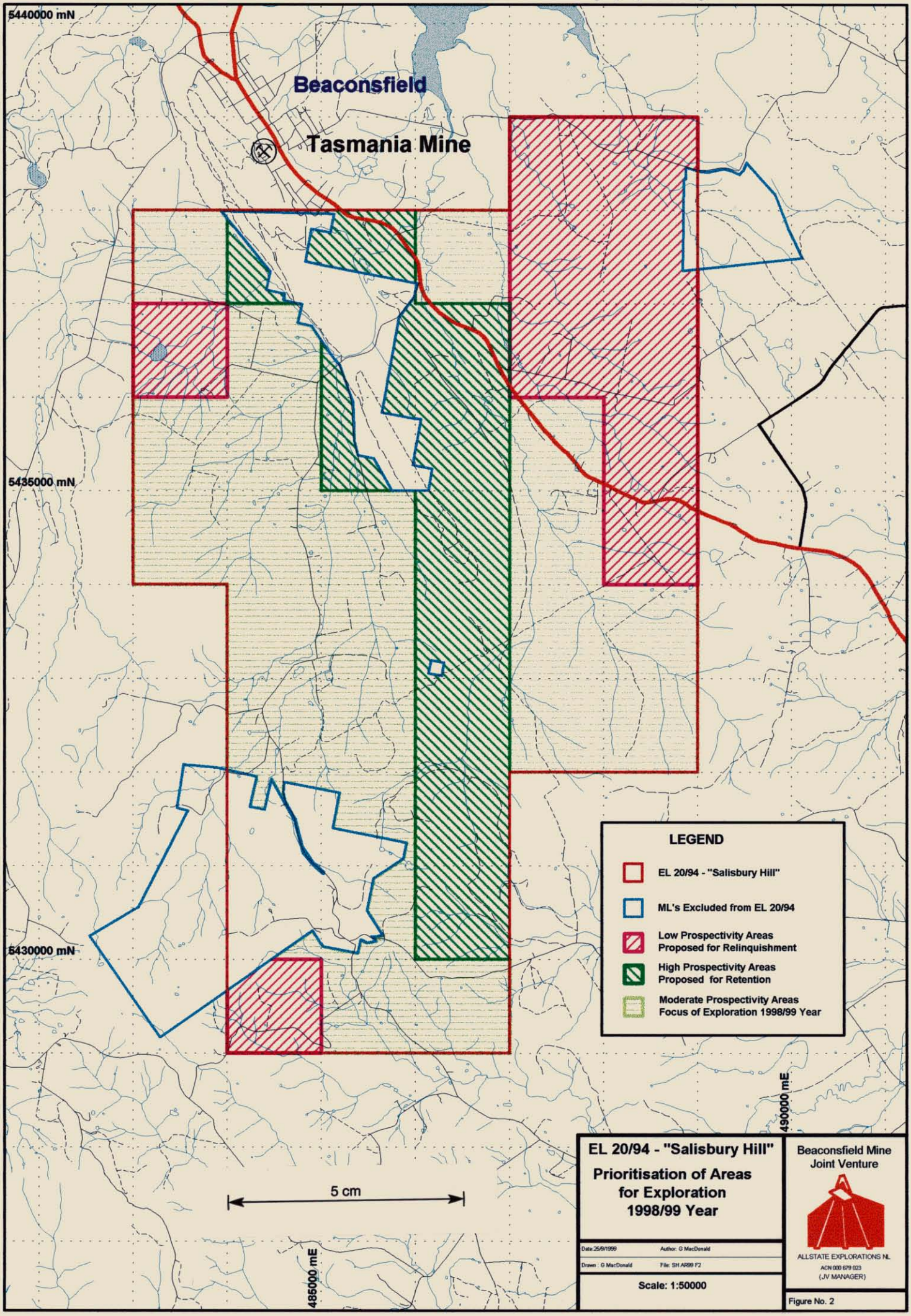
5440000 mN
Beaconsfield
Tasmania Mine
5435000 mN
5430000 mN
LEGEND
EL 20/94 - "Salisbury Hill"
ML's Excluded from EL 20/94
Low Prospectivity Areas
Proposed for Relinquishment
High Prospectivity Areas
Proposed for Retention
Moderate Prospectivity Areas
Focus of Exploration 1998/99 Year
490000 mE
5 cm
485000 mE
EL 20/94 - "Salisbury Hill"
Prioritisation of Areas
for Exploration
1998/99 Year
Date:25/9/1999
Author: G MacDonald
Drawn : G MacDonald
File: SH AR99 F2
Scale: 1:50000
Beaconsfield Mine
Joint Venture
ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)
Figure No. 2

4.0 PREVIOUS EXPLORATION

Previous exploration over the area covered by EL 20/94 was detailed in MacDonald (1998) and the reader is referred to this report.

In summary the area covered by EL 20/94 has seen only limited exploration. The area was subject to fairly intensive prospecting during the latter part of last century.

Modern exploration for gold commenced in the early 1970's when the Mines Department drilled two diamond drill holes to test for reported nickel in inaccessible old workings. In the early 1980's AMAX carried out a programme of soil sampling, mapping and ground magnetics over the Salisbury Hill prospect as well as detailed mapping and channel sampling of some of the old workings at Salisbury Hill (Poltock, 1980; Hamlyn, 1982).

Further soil sampling and diamond drilling was carried out at the Salisbury Hill prospect by Goldfields Exploration Limited (Pease, 1984).

In 1988 a small programme of costeaning and RAB drilling was carried out again at the Salisbury Hill prospect (Stacpoole and Miedecke, 1988).

More regionally focused stream sediment sampling, mapping and an aeromagnetics survey was completed in the late 1980's by Beaconsfield Gold Mines Limited (Hicks, 1989).

The current phase of more intensive exploration commenced in 1997 with a ground magnetics survey over the Salisbury Hill prospect as well as reconnaissance soil sampling along ridge tops in the region (Hills, 1997). Regional mapping and rock sampling was the focus of the BMJV's exploration of the licence in the 1997/98 year (MacDonald, 1998).

5.0 GEOLOGY

5.1 INTRODUCTION

The geology of the Beaconsfield area of central northern Tasmania includes many of the major elements of Tasmanian geology. In particular the area is close to the contact between the Eastern and Western Tasmanian Terranes. This regional setting may play a significant role in the location of the 2 million ounce Tasmania Reef deposit.

The Beaconsfield Gold Mine in Northern Tasmania is focussed on a mineralised shear structure of Middle Devonian age, the Tasmania Reef, which crosscuts an easterly dipping Ordovician stratigraphy. The resource is a large mesothermal vein deposit similar in style to the Central Victorian deposits and prior to historical mining constituted a resource in excess of 2 million ounces of gold. Diamond drilling over thirty years since the mid 1960's has confirmed that continuous mineralisation extends to a vertical depth of 700m beneath the historical mining operation. The current resource of 1.929 million tonnes at 17.37 g/t Au (1.08 million ounces) (Hills, 1998) has been estimated from this diamond drilling.

5.2 REGIONAL GEOLOGY

5.2.1 Introduction

Much of the focus of work in the 1998/99 year has been geological mapping. This work has involved relatively detailed grid based mapping within the licence area as well as some limited regional mapping. More detailed regional mapping is being carried out at present by Government geologists (in particular Dr Alistair Reed and Dr Clive Calver). Further to this geological mapping, AGSO has recently acquired new aeromagnetics data over the region. This data is awaited. The upshot of this combined work is that the geology of the region is becoming more clear with some significant revisions to previously published work still likely.

Elliott et. al. (1993) studied the area between Port Sorell and the Tamar River, and identified three distinct structural and stratigraphic terranes (from west to east), the Port Sorell Block, Badger Head Block and Beaconsfield Block, providing a framework within which the following description of the geology is conveniently constrained. The Tasmania Reef is hosted by Ordovician sediments in the Beaconsfield Block.

EL 20/94 covers rocks from the Beaconsfield Block (see figure 3). Mapping in this reporting year has focused on these rocks hence discussion of the geology of this block is found in the Local Geology section.

5.2.2 Geology

The original contacts between the three structural and stratigraphic terranes, i.e. the Port Sorell, Badger Head and Beaconsfield Blocks, are most probably north-northeast dipping thrusts, interpreted by Elliott et. al. (1993) to be Late Cambrian thrusts reactivated in the Middle

Devonian. Reed (pers. comm.) interprets an earlier cleavage to indicate that thrusting in the Middle Devonian was initially northeast directed with southwest directed thrusting subsequent. Dr Reed's work is ongoing at present.

The structural interpretation of Elliott et. al. (1993) invokes broadly westward directed thrusting in the Late Cambrian juxtaposing the Port Sorell Formation, Badger Head Formation, Anderson's Creek Ultramafic Complex and Cambrian? sediments (the latter including the siltstones and cherts which lie between the Badger Head Block and the Anderson's Creek Ultramafic Complex as well as sediments underlying the Denison Group at the base of the Cobblestone Creek slice in the Beaconsfield Block - see below). Ages have been assigned to these rocks largely on affinities with rocks elsewhere in Tasmania or relative degree of deformation, the exception being Dally's Siltstone near the base of the Cobblestone Creek slice which contains fossils of Cambrian age (Green, 1959).

The Port Sorell Formation, which occupies the whole of the Badger Head Block, consists of shales, siltstones, chert, impure and quartz rich sandstones, dolomite, matrix supported conglomerate, intermediate volcanic or hypabyssal rocks including dykes and sills of dolerite and basaltic flows (Elliott et. al., 1993; Gee and Legge, 1979; Calver, pers. comm.). It is interpreted to be a tectonic melange deformed in an east facing accretionary wedge (Elliott et. al., 1993). Age constraints are poor but angular organic fragments and degree of metamorphism probably place it as Cambrian in age (Elliott et. al., 1993).

The Badger Head Block is structurally complex area consisting of multiply folded quartzites and phyllites of the Badger Head Formation. Although correlated with the Precambrian Burnie Formation, largely on the basis of the degree of deformation, Gee and Legge (1979) note the similarity with the Siluro-Devonian Mathinna Beds from the Eastern Tasmania Terrane. Rocks of probable Ordovician age unconformably overlie the Badger Head Formation near Mt Careless precluding a direct correlation with the Mathinna Beds (Gulline, 1981; Purvis, 1998). Elliott et. al. (1993) concluded that the Badger Head Formation is probably an allochthonous block introduced in the Late Cambrian thrusting. Recent dating of detrital zircons do not support a younger age (Reed, pers. comm.) and so the Badger Head Formation is considered to be probably Precambrian in age.

The eastern boundary of the Badger Head Block is in faulted contact along its eastern margin with cherts and shales, the westernmost rocks of the Beaconsfield Block.

The structure of the Badger Head region was the focus of the work by Elliott et. al. (1993). Detailed structural mapping is currently being carried out by Dr Reed. As mentioned earlier this work is already introducing new elements into the structural interpretation of the geology of the region.

Essentially the interpretation of Elliott et. al. (1993) recognised four major episodes of faulting. The earliest occurred in the Middle Cambrian and was characterised by east dipping, west directed thrusting bringing together the Port Sorell Formation, Badger Head Formation and the Anderson's Creek Ultramafic Complex and associated Cambrian cherts and siltstones. There followed a period of sedimentation during which the Ordovician to Devonian rocks were deposited. Sediment in these rocks, and particularly the older Cambro-Ordovician clastics, was at least partly sourced from these emergent terranes. The next phase of deformation took place in the Middle Devonian and was characterised by further west directed thrusting focussed on the existing thrusts. Gold mineralisation in the northeast of Tasmania was also associated with this event. Following deposition of the Permo-Triassic sediments and widespread intrusion of Jurassic dolerite the third phase of faulting occurred. This was characterised by extensional faulting associated with the formation of grabens at Port Sorell and the Tamar Valley. The fourth phase is characterised by compressional oblique slip structures in Permo-Triassic and Jurassic rocks.

In this model the Late Cambrian thrusting event correlates with the Delamerian Orogeny (Berry, 1994). The Middle Devonian event correlates with the Tabberrabberran Orogeny.

As noted earlier Dr Reed's interpretation sees the Middle Devonian deformation broken into two stages. The first, his D_1, involves south-westerly directed thrusting. This is followed by his D_2 event which sees thrusting in a north-easterly direction and is the event during which gold mineralisation took place.

5.3 LOCAL GEOLOGY

5.3.1 Introduction

The geology of EL 20/94 has previously been described in various company reports, the most significant of which are those by Poltock (1980), Hamlyn (1982), Pease (1984), Hicks (1989), Hills (1997) and MacDonald (1998). The area was the focus of Hills (1982) and Green (1959). The area straddles the boundary between the Beaconsfield (Gee and Legge, 1971) and Frankford (Gulline, 1981) 1 mile series map sheets with discussion in the Explanatory Notes accompanying each of these map sheets Gee and Legge (1979) and Gulline (1981) respectively. A significant addition has also been made to the understanding of the geology of the region by Lewis (1998) who described the Denison Group in the Beaconsfield Mine area and formally defined the Salisbury Hill and Eaglehawk Gully Formations.

This years mapping has followed on from work in the previous reporting year (MacDonald, 1998). Work in this reporting year has largely involved grid based mapping as part of a programme of gridding, soil sampling and mapping over approximately 50% of the licence area. Similar work is planned over much of the rest of the licence in the coming year. The locations of gridlines and old workings

mapped over the past two years as well as the locations of baselines and soil samples are shown on figure 4. The factual mapping data is shown on figures 5, 6 and 7 which are a series of 1:5000 sheets covering the bulk of the licence. As part of the mapping work the +3mm fraction from the soil samples (the –3mm fraction was assayed) has been logged providing geological information in areas with limited or no outcrop. Those descriptions are included in appendix 1 with interpreted geology, where possible, also included in appendix 1 as well as shown symbolically on figures 5, 6 and 7.

In addition to the grid base mapping a number of old workings not mapped in the 1997/98 reporting year were mapped this year. The locations of these are also shown on figures 5, 6 and 7 with more detailed mapping discussed later.

The programme of sampling lithological units for trace element lithogeochemsitry to aid regional mapping and in particular stratigraphic correlation was also continued this year. The sampling and full set of results are discussed in detail in a later section, however, a number of significant conclusions have been made and are discussed below.

5.3.2 Geology

The pre-Carboniferous geology of the Beaconsfield Block has been divided into four parallel imbricate thrust slices, each containing discrete parts of the stratigraphic section. From west to east the four slices are called the Anderson's Creek slice, Peaked Hill slice, Cabbage Tree Hill slice and Cobblestone Creek slice (see figure 3). The Tasmania Reef is sub-orthogonal to strike and is hosted within the north-northwest striking, east dipping, early Ordovician Salisbury Hill and Eaglehawk Gully Formations in the Cabbage Tree Hill thrust slice of the Beaconsfield Block.

The Dan's Hill slice, referred to in MacDonald (1998), does not appear to be a discrete thrust fault bound slice and rocks previously included in this slice (MacDonald, 1998; Gee and Legge, 1979) are now included in the Peaked Hill slice.

As a result of the economic significance of the Cabbage Tree Hill slice it is the best understood of the four thrust slices with a full cross-section in drill core in the vicinity of the mine. For this reason this thrust slice will be described first. Lewis (1998) has described the Denison Group stratigraphy and sedimentology in the Cabbage Tree Hill thrust slice in some detail and the following discussion of those units draws largely from this work.

The Cabbage Tree Hill slice is defined to lie between the underlying Cabbage Tree Thrust and the overlying Cobblestone Creek Thrust. The slice is approximately 700 to 800 metres thick containing an equivalent thickness of stratigraphy, bedding being sub-parallel to the bounding thrusts. These structures are further described below.

Tasmania Mine

Leviathan Hill
9500mN
9500mE

Dohmans
8500mE

Lightwood Hill
11500mE
18000mN
13000mE

Eaglehawk Gully

Eaglehawk Gully
old workings

Peaked Hill North
8000mN
7500mE
7000mN
9000mE
6500mN
8500mE

Peaked Hill South
6000mN
7500mE
5500mN

Pulwood
6000mN

Greaves Rd
9500mE
5500mN
5000mN

6000mN

McFarlanes
11300mE
15500mE
15500mN

Salisbury Hill Rd
15000mN
13000mE

Belven Park Hill

14500mN

Powerline East
4000mN

Wings West North

South Powerline
Adit

Wings West South
10500mE
3500mN
Wings West
10000mE
13500mN
13000mN

9000mE

Derwent Adit &
associated workings
4500mN
8500mE
Powerline West
4000mN

7500mE

Rookery North
8000mE
3500mN
Bulls Rd
7500mE
3000mN

8000mE
2500mN

Corp Hill
2000mN
7500mE
1500mN

Rookery Road
1000mN
1050mN

Legend

- Gridlines (Eastings for every 5th line shown), northings and soil sample locations
- Baselines and baseline pegs
- Prospects mapped/sampled

5 cm

EL 20/94 - "Salisbury Hill"

Work Done
1998/99 Year

Date:25/9/1999 Author: G MacDonald
Drawn : G MacDonald File: SH AR99 F4

Scale: 1:25000

Beaconsfield Mine
Joint Venture

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Figure No. 4

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Within the mine environment the oldest rocks in the Cabbage Tree Hills slice have been assigned to the Blyth's Creek Formation.

The use of the term Blyth's Creek Formation is used here more broadly than that defined by Green (1959). Green (1959) defined the Blyth's Creek Formation as "the friable quartz sandstone formation conformable or disconformably overlying the Dally's Siltstone and conformably overlain by the Cabbage Tree Conglomerate. The typical exposures occur near 766E 236N adjacent to Blyth's Creek from which the formation is named" (Green, 1959). Green (1959) notes the existence of a limestone quarry immediately to the east of the type outcrop. The type locality (at 5437120mN 486110mE) is actually adjacent to the stream called Middle Arm Creek with Blyth's Creek actually being a short tributary to the west of Cabbage Tree Hill some distance away. The type locality of Green's (1959) Dally's Siltstone is just over the West Tamar Highway from the Blyth's Creek Formation on the corner of the Flowery Gully Road and the West Tamar Highway at 5437210mN 486020mE.

Green (1959) defines the Dallys Siltstone as "that formation dominantly of greywacke and subgreywacke siltstones lying conformably below the Junee Group east of Blue Tier. It is Middle to Upper Cambrian in age and the typical exposures occur at 765E 236N, about 400 yds east of Dallys Quarry from which the formation takes its name". He further describes the formation as containing "interbedded black and brown slates with occasional fine greywacke conglomerates and some siltstones. These are overlain by dull brown, subgreywacke siltstones and then by impure quartz sandstones. These sandstones seem to lie on approximately the same horizon as a keratophyre lens, located to the south".

Mapping along the northern bank of Middle Arm Creek just along strike from the 400 yard section referred to by Green (1959) shows a sequence of interbedded greywacke siltstone, quartz sandstones and polymict conglomerate. This was described by Bottrill in MacDonald (1998) as containing clasts including mafic and ultramafic volcanics as well as limestone, greywacke, quartz sandstones, mudstone and chert.

Subsequent drilling to test the Tasmania Reef has indicated that the base of the Dally's Siltstone is faulted by the Cobblestone Creek Thrust. This drilling has also revealed that the rocks overlying the Cobblestone Creek Thrust, and only 2km along strike from these type localities, consist (from east to west i.e. down sequence) of white limestone, laminated siltstone and limestone, sandstones, shales and a polymictic conglomerate containing clasts including mafic and ultramafic volcanics as well as limestone, quartz wacke, quartzite and chert (Pease, 1985; Hicks, 1989; MacDonald, 1998). Mapping on Lightwood Hill, east of Green's (1959) two type localities, indicates that this sequence intersected in drill core probably lies stratigraphically just below quartz grits and minor pebbly conglomerates typical of the lower part of the Denison Group (i.e. Salisbury Hill Formation and Cabbage Tree

Conglomerate). Drill holes targeting the Tasmania Reef at depth have passed through the Cabbage Tree Conglomerate into underlying siltstones and limestones very similar in appearance to the rocks overlying the Cobblestone Creek Thrust but below the grits and pebbly conglomerate outcropping on Lightwood Hill.

The rocks stratigraphically underlying the Denison Group in both the Cabbage Tree Hill and Cobblestone Creek slices therefore consist of an interbedded sequence of quartz sandstones, greywacke and subgreywacke siltstones with a distinctive polymict conglomerate at the base. Further south along in the Cobblestone Creek slice these rocks contain an intercalated basaltic andesite unit (the keratophyre of Green, 1959). Until formal definition (and renaming) is possible, it is proposed to use the term Blyth's Creek Formation to contain those sediments and intercalated volcanics stratigraphically underlying the Denison Group. Although the base of the Formation remains open it is suspected that correlates of the Andersons Creek Ultramafic Complex may unconformably underlie the Blyth's Creek Formation's polymict conglomerate unit, being responsible for shedding the ultramafic clasts into this unit. The Dally's Siltstone is thus absorbed into the informal Blyth's Creek Formation. The trilobite bearing sandstones included in the Blyth's Creek Formation indicate a Cambrian age but upper units of the Blyth's Creek Formation may extend into the early Ordovician.

In the Cabbage Tree Hill slice the Blyth's Creek Formation is represented in drill core in the mine area by grey to dark grey siltstones and light grey stylolitic limestones with occasional distinctively apple green spotted quartz pebble conglomerates. The apple green colour is due to chromite grains, now oxidising, in the matrix. These chromite grains are probably sourced from the eroding Anderson's Creek Ultramafic Complex or correlates. The base of the Blyth's Creek Formation rocks is sheared where intersected in DDH's B13 and B32. The fault is associated with serpentinite and/or reddish dolomite with magnesite ± magnetite veining/alteration. The alteration (serpentinisation, dolomitisation and magnesite ± magnetite) is interpreted to be the product of fluids channeled up the Cabbage Tree thrust.

The Blyth's Creek Formation is apparently conformably overlain by the Denison Group. This consists sequentially of the Cabbage Tree Conglomerate, the Salisbury Hill Formation and the Eaglehawk Gully Formation. The Denison Group is overlain by the Gordon Group correlates consisting of the Flowery Gully Limestone and the Grubb Shale before the overlying thrust, the Cobblestone Creek Thrust, truncates the section.

The Tasmania Reef is hosted in the Salisbury Hill and Eaglehawk Gully Formations. Until recently these rocks have been informally called the Transition Beds (Hills, 1998), a term originally coined by the early miners for reasons apparent in the descriptions given below. The Transition Beds have been divided into the Upper and Lower Transition

Beds with the contact defined (Hills, 1998) as the uppermost pebble bed in the Lower Transition beds. Lewis (1998) has formalised the stratigraphic nomenclature for the Lower and Upper Transition Beds and given the two formations the new formal names, the Salisbury Hill Formation and the Eaglehawk Gully Formation respectively.

Lewis (1998) describes the Cabbage Tree Conglomerate as consisting of grey-light brown oligomictic pebble paraconglomerate interbedded with conglomeratic quartz arenite and fine quartz arenite. The conglomerate of the unit is very poorly sorted and has a composition dominated by sub-angular to sub-rounded quartz, with minor chert and coarse siltstone. He also describes "minor detrital pyrite, chromite, olivine and detrital Fe oxide sand" in the sandstones. In the mine area the Cabbage Tree Conglomerate is approximately 50 metres thick. The anomalous presence of chromite was noted previously (Gee and Legge, 1979) and is taken to indicate that the Anderson's Creek Ultramafic Complex was exposed and shedding material at the time of deposition of the Cabbage Tree Formation as for the chromite bearing pebbly bands in the Blyth's Creek Formation.

Lewis (1998) formalized the Lower Transition Beds with the term Salisbury Hill Formation and defined it as a sequence of dark grey-black quartz arenite interbedded with oligomictic granule-pebble (para- and ortho-) conglomerate and granule conglomeratic quartz arenite. It is divisible into five members based upon the abundance of conglomerate. Conglomerate of the Salisbury Hill Formation is poorly sorted and consists of sub-rounded to rounded quartz and minor chert, coarse siltstone, 'rip-up' mudstone and Fe oxidised mudstone/chert clasts. The top of the Formation remains as defined by Hills (1998). Lewis (1998) does not state the correlation but by his definition places the top of the quartz arenite and conglomerate bearing Salisbury Hill Formation at the uppermost pebble bed, the same position as Hills (1998). In the mine the Salisbury Hill Formation is approximately 120m thick.

The Cabbage Tree Conglomerate and Salisbury Hill Formation thins markedly to the south with pebbly conglomerate units becoming thinner and better sorted. Mapping along the road cut in Middle Arm Gorge, approximately 2.5 km's south along strike from the mine, shows the Cabbage Tree Conglomerate to be approximately 20 metres thick. Adits mapped in Eaglehawk Gully (see further discussion later) approximately 600 metres further to the south show the pebbly conglomerates of the Salisbury Hill Formation to be better sorted than in drill core in the mine area. Similar old workings and recent diamond drilling provides a full section across the southern end of Salisbury Hill another approximately 2.5 km's south. Here the Cabbage Tree Conglomerate appears to have pinched out completely with only minor pebble conglomerate bands from the Salisbury Hill Formation exposed in the Powerline Adit. The thickness of the Salisbury Hill Formation here is only approximately 50 metres. This thinning explains the lack of significant conglomeratic units along Bulls Road further south again. In

the mine area, the Eaglehawk Gully Formation is approximately 200m thick.

Lewis (1998) defines the Eaglehawk Gully Formation, equivalent to the Upper Transition Beds, as a sequence of grey/grey-green quartz arenite interbedded with light grey, stylolitised bioclastic grainstone. It has been divided into six members mainly by variations in limestone abundance. The quartz arenite decreases in grainsize with decreasing depth and is calcareous in the upper two and lower two members. The limestone contains bioclasts of Nuia, echinoderms and brachiopods and minor grapestone within sparry calcite cement.

Lewis (1998) interprets the palaeoenvironment of deposition of the Cabbage Tree Conglomerate, Salisbury Hill and Eaglehawk Gully Formations in the Cabbage Tree slice as follows. "The Cabbage Tree Conglomerate and the members of the Salisbury Hill Formation represent a repetitive alternation between alluvial fan and broad braided fluvial depositional systems. These systems were derived from an eastward directed river(s) originating on the Badger Head Block to the west of Beaconsfield, which passed over a thin Cambrian slice, and the Anderson's Creek Ultramafic Complex collecting sediment along the way. The Eaglehawk Gully Formation was deposited within a transgressive tidal flat-carbonate barrier system, with a palaeo-shoreline striking approximately north-south".

A conodont biostratigraphy constructed for the Eaglehawk Gully Formation determined a stratigraphic range for the Formation from Middle Tremadoc to Upper Arenig. This is consistent with macrofossil correlation determined by Laurie (1996). The upper contact of the formation with the overlying Gordon Group at Beaconsfield is Middle to Upper Arenig on fossil evidence.

Two kilometres south of the mine along strike from the Tasmania Reef, the Middle Arm Gorge road cut on the Flowery Gully Road exposes a basalt unit with brecciated and peperitic textures indicating that it was a very shallow sill which intruded wet unconsolidated sediments. The basalt unit is 30 – 40m thick. It is immediately underlain by a localised unit of green sandstone, clearly (on lithogeochemical grounds – see MacDonald, 1998) derived from the basalt which must have been exposed and shedding fine material, probably hyaloclastically. The intercalated sediments are from the lower part of the Eaglehawk Gully Formation, approximately one third of the way up from the base of the Formation. Lithogeochemically the basalt is best described as being a transitional alkali-tholeiite from an intraplate setting (MacDonald, 1998). The high Ti of the basalt is not reflected in the sediments of the Eaglehawk Gully Formation.

Overlying the Eaglehawk Gully Formation is the Flowery Gully Limestone. This unit is a pure stylolitic limestone of deep water origin (Hills, 1998). It is light grey in colour and of fine calcarenite grade and recrystallised (Lewis, 1998). This unit is approximately 170 metres thick in the vicinity of the mine. Overlying this unit is the Grubb Shale

(Green, 1959), a black graphitic shale at least 30 metres thick. Together these two units form the Gordon Group equivalents in the Beaconsfield district. The Grubb Beds are very similar, with distinctive flasar bed forms, to rocks from the Corn Hill Beds in the Peaked Hill slice which occupy a similar stratigraphic position overlying the Flowery Gully Limestone near Rookery Road suggesting that the Grubb Beds are basal Corn Hill Beds correlates. The eastern boundary of the Grubb Shale and thus the Cabbage Tree slice is the Cobblestone Creek thrust.

The geology of the other three thrust slices is less well understood with limited outcrop and very few drill holes. This is unfortunate as thicker and geologically significant portions of the stratigraphic section are preserved in these.

The Andersons Creek slice in the eastern part of the Beaconsfield Block consists of the Anderson's Creek Ultramafic Complex and a sliver of chert and shale along the western side in probable faulted contact with the Badger Head Formation. Under the model of Elliott et. al. (1993) this contact would have initially have been a thrust. The nature of this contact at present remains unclear due to limited outcrop

This sliver of sediment is contact metamorphosed against the Anderson's Creek Ultramafic Complex to the east and contain undated but presumably Cambrian columnar stromatolites (Jago and Brown, 1989). The Anderson's Creek Ultramafic Complex consists of pyroxenite, gabbro, serpentinite and hornfelsed sediments (Green, 1959; Gee and Legge, 1979). Dating of hornfelsed sediments is equivocal (Elliot et. al., 1993) but the rocks are considered to be of the same early Cambrian age as similar ultramafic bodies in western Tasmania.

The eastern boundary of the Andersons Creek slice is less clear. By definition it must be a thrust fault or remobilisation of an original thrust contact. Gee and Legge (1979) have mapped a thrust running through the Anderson's Creek Ultramafic Complex rather than the eastern edge of the ultramafics. This interpretation best fits the limited field evidence. The eastern boundary of the Andersons Creek Ultramafic Complex is intersected in DDH SH1, (the drill core is held in Mineral Resources Tasmania's Mornington core store).

The location of this hole is poorly recorded (BHP Annual Report EL3/65 and 14/65, 1969) but was almost certainly collared on Dan's Hill (5439750mN, 481000mE) and drilled towards 230° (TN) at -45° for 1000'. The rocks to the immediate east of the ultramafics, i.e. uphole from the contact, consist of quartz sandstones with at least two discrete bands of quartz pebbles near the contact and could be correlates of either the early Ordovician Salisbury Hill Formation or Cambrian(?) Blyth's Creek Formation rocks.

The contact between the ultramafics and sediments in SH1, whilst the focus of some deformation, does not appear to have been a major thrust fault. This suggests a more limited displacement, perhaps

remobilisation of an original unconformity. Rocks of a tholeiitic mafic character occur in the Blyth's Creek Formation towards the base of the Cobblestone Creek slice (described below) in a similar stratigraphic setting. Therefore the ultramafics east of the fault mapped by Gee and Legge (1971) are considered to be the basal part of the Peaked Hill slice with the fault marking the boundary between the Andersons Creek slice (west) and Peaked Hill slice (east).

Quartz sandstones outcropping along the ridge to the west of Middle Arm Creek and north of Hinds Road (i.e. centred on 5435960mN 481770mE) are in contact with the ultramafic body to the west. Lithogeochemically these sandstones show greatest affinity with those sandstones intersected approximately 4km north along strike in DDH SH1. However, it remains unclear as to whether these sandstones are correlates of the Ordovician Cabbage Tree Formation as shown by Gee and Legge (1979) or the stratigraphically underlying Blyth's Creek Formation sediments.

There is almost certainly a post Permian fault running beneath the valley between this ridge and Peaked Hill. Movement on this fault is likely to give an apparent west block down sense of movement although the picture is still unclear.

The Peaked Hill slice preserves the greatest thickness of the stratigraphic section with late Cambrian to Early Devonian sediments. Although localized folding (associated with thrusting) on Bulls Road (5431600mN 485650mE) and the old Rifle Range (5438000mN 481750mE) have complicated the picture somewhat the slice probably contains approximately 3.5 km's of the section.

Quartz sandstones, siltstones, interbedded sandstone-shale sequences (including outcrop with reported Cambrian fossils, Gee and Legge, 1979) and chert outcrop on the western slopes of Peaked Hill, i.e. stratigraphically higher than the ultramafics in the Peaked Hill slice (see figure 3). Gee and Legge (1979) also report serpentinite float. No such rock was seen by the author in a limited number of traverses made this reporting year although the existence of serpentinised rocks in the Blyth's Creek Formation is not totally unexpected given that similar rocks are found in mullock around an old shaft into Blyth's Creek Formation rocks at Salisbury Hill.

On the eastern slopes of Peaked Hill are outcropping quartz sandstones and minor siltstones with very minor quartz pebble conglomerate along the top of the hill. The Peaked Hill grid covers most of these eastern slopes with only very minor outcrop other than that along a new logging track on the lower slopes. There is, however, a considerable amount of float. These rocks on the eastern slopes have previously been correlated with the Ordovician Denison Group in the Cabbage Tree slice by Gee and Legge (1971 and 1979) on the basis of similar lithology and a similar stratigraphic relationship with the Flowery Gully Limestone (see below). This correlation is accepted by the author as shown on figure 3. However, there is a distinct lack of pebbly and

gritty material in these sediments than in correlates in the Cabbage Tree Hill slice making precise correlation with individual units of the Denison Group difficult.

The rocks on the western side remain somewhat problematical, however, they are most likely Blyth's Creek Formation correlates with the precise boundary between the Blyth's Creek Formation correlates and Denison Group correlates poorly defined in this slice.

On the flat to the east of Peaked Hill is a swampy depression around which is outcropping reprecipitated carbonate suggesting the presence of limestone subsurface. Similar springs run along the very lowermost eastern slope of Peaked Hill to the south along the Flowery Gully Road. Allowing for a jog on the Johnson's Creek Fault Zone this inferred subsurface limestone lies along strike from the Flowery Gully Limestone which outcrops in the Flowery Gully area. The limestone in the Flowery Gully area has been the focus of considerable deformation with a number of high strain zones best described as calc-mylonite (Elliott, et.al. 1993; Reed, pers.comm.) in a quarry on Smiths and Others Road.

Just west of this swampy depression to the east of Peaked Hill are scattered outcrop of dolerite showing no evidence of deformation and thus interpreted as a remnant of Jurassic dolerite. The scattered outcrop extends south-southeast for approximately 1km as shown on figure 5.

The Flowery Gully Limestone is overlain by the shales, siltstones and sandstones of the Corn Hill Beds. The contact may be an unconformity but this is unclear from outcrop. It does not appear to be faulted. The Corn Hill Beds contain a massive dark grey quartz sandstone (see plate 1) at or at least very near the base of the Corn Hill Beds. This unit outcrops along the ridge at 5432050mN, 484690mE and contains very gritty coarse-grained sandstone at its base on the western end of the Powerline Track. Further subcrop of similar massive quartz sandstone on the eastern flanks of the hill at 5432450mN, 484870mE is separated from the western lens by outcrop of foliated siltstone indicating the probable presence of two discrete lenses or beds of quartz sandstone. Similar sandstone subcrops and outcrops along the logging track in the Rookery Road grid at 5429060mN, 486490mE. Samples of these sandstones collected for trace element lithogeochemistry show anomalously elevated levels of P and to a lesser degree Y (discussed in detail later). A recent diamond drill hole, WDH-2, drilled on Beaconsfield Gold NL's "Winkleigh" licence (EL19/98) to the south intersected two zones of similar quartz sandstones with elevated P and Y (Ken Morrison pers comm.).

The Corn Hill Beds in the central portion of the area shown as Corn Hill Beds on figure 3 consist largely of foliated micaceous shaley siltstones with lesser quartzwacke sandstones. Similar siltstone also intersected in Beaconsfield Gold NL's DDH WDH-2 has been described as a medium dark grey flasar bedded shaley siltstone (Ken

Morrison pers. comm.). On the eastern part of the Powerline West grid and in outcrop along Bulls Road the Corn Hill Beds are represented by a series of graded quartzwacke sandstone-siltstone-shale beds of turbiditic style. This latter location contains fossil pelecypods and cephalopods of Pragian (Early Devonian) age (Hills, 1982) although no good examples were collected in this years mapping.

Plate 1. Phosphorous anomalous massive quartz sandstone (1.24% P) from the base of the Corn Hill Beds.

The eastern contact of the Corn Hill Beds, and thus the Peaked Hill slice, is problematical in the southern part of EL 20/94. On the western slopes of Cabbage Tree Hill the contact between the Cabbage Tree Conglomerate at the base of the Cabbage Tree Hill slice and the Corn Hill Beds is the Cabbage Tree Thrust. The Cabbage Tree Thrust is intersected in shallow diamond drilling (DDH B50), in outcrop at the western end of the Middle Arm Gorge on the Flowery Gully Road and is intersected by the west cross cut on the 422' level of the Moonlight Mine as well as at the ends of B13 and B32. The fault dips at 60° to the east-northeast. In the Bulls Road area the degree of deformation in siltstones immediately west of the previously interpreted (MacDonald, 1998) location of the Cabbage Tree Thrust does not appear to be of the order expected in the footwall to a thrust (A Reed pers. comm.).

Mapping further south along Bulls Road shows the Denison Group correlates to contain only minor pebbly and gritty bands with much of

the sequence a foliated siltstone. The rocks in the hangingwall to the Cabbage Tree Thrust in this area are not the massive quartz conglomerates, grits and sandstones seen further north along Cabbage Tree Hill and so the extent of deformation is not expected to be as great. Weathering and similarities between rocks in the hangingwall and footwall of this thrust on Bull's Road make precise placement of the faulted contact uncertain.

The Cobblestone Creek Thrust fault defines the eastern edge of the Cabbage Tree slice. This fault is intersected in drill core in a number of the holes targeting the Tasmania Reef at depth. Here the fault is a broad zone of intense deformation with the contact itself placed at the top of the Grubb Shale and beneath the overlying polymict conglomerate unit (discussed below). Inspection of drill core indicates that the top of the black shale is sometimes apparently conformable with the polymict conglomerate with the strongest shearing located within the shale unit. It is possible that some of the black shale is actually basal to the conglomerate though for the most part the shale is clearly conformable with the underlying Flowery Gully Limestone. The polymict conglomerate is interbedded with finer grained shales and siltstones to the south in Middle Arm Creek (Dally's Siltstone) and at Salisbury Hill.

The position of the Cobblestone Creek Thrust can be inferred to the south to lie between fossiliferous Cambrian Blyths Creek Formation sandstones and siltstones just west of the West Tamar Highway and fossiliferous Ordovician sandstones and siltstones and limestone along the eastern side of Cabbage Tree and Salisbury Hills.

Further south at Salisbury Hill the Cabbage Tree Hill slice has thinned markedly with a greater thickness of the Cobblestone Creek slice exposed. The sandstones outcropping on the ridge at 5433460mN, 486350mE as well as the ridge at 5433250mN, 486650mE, above the South Powerline Adit, both shown on Gee and Legge (1971) as Denison Group correlates, are almost certainly sandstones from the Blyth's Creek Formation with the basaltic tuff/agglomerate on the tiphead to the South Powerline Adit a correlate of the West Tamar Highway basaltic andesite.

At Salisbury Hill the Cobblestone Creek slice is generally poorly exposed. The lower contact of this slice is defined to be the Cobblestone Creek Thrust. This thrust does not outcrop with any certainty on Bulls Road but is interpreted to run along Salisbury Creek at the base of the ridge of Denison Group correlates at 5432400mN, 486150mE. In this southern portion of the licence the Cobblestone Creek Thrust is overlain by Blyth's Creek Formation rocks including foliated siltstones, black slates with occasional interbedded pebbly conglomerates and a band of reddish dolomite, as intersected in DDH S5, diorite and amphibolite as seen in float at 5432370mN, 486680mE as well as further mafic volcanics which occur as float towards the southern end of line 10000mE on the Wings West grid. The Denison

Group correlates in the Cobblestone Creek slice in this part of the licence consist predominantly of coarse grained gritty sandstones. Dark grey shaley siltstones outcropping just north of Collins Lane at 5433900mN, 488400mE are probably correlates of the Grubb Shale in the Cabbage Tree Slice and therefore possibly correlates of the Corn Hill Beds in the Peaked Hill Slice. If this is the case, the Flowery Gully Limestone probably underlies the low lying alluvium between these Collins Lane shales and the Wings West hill.

Much of the Beaconsfield Block is overlain by recent cover sequences. A prograding sequence of limestone, mudstone, including a basal pebbly mudstone and sandstone of Permo-Triassic age unconformably overlies but has largely been eroded off the underlying Lower Palaeozoic geology in the immediate environs of Beaconsfield. This sequence, which occurs throughout Tasmania, generally dips gently to the northeast at approximately 10°. A number of outcrops of Permian rocks mapped by Gee and Legge (1971), i.e. at 5431910mN, 485450mE and at 5431170mN, 486000mE are considered to be lag deposits with Corn Hill Beds foliated siltstone float and/or outcrop. The pebbles mapped in the base of the Permian are very resistant to weathering.

These Permo-Triassic sediments are in turn intruded by a thick dolerite sill of Jurassic age. Dolerite float occurs on the hill 5431350mN 485000mE.

Tertiary aged basalts and unconsolidated sediments fill the Tamar Graben and associated smaller grabens that formed in an extensional environment during continental break-up. The base of both these Tertiary sediments as well as the base of the Permian is a focus of groundwater movement and a number of occurrences of ironstone may be attributed to the transport of mobile cations in groundwater.

Quaternary alluvium occurs along the water courses.

5.3.3 Structure

Structurally the rocks in the Beaconsfield Block are dominated by faulting with only very minor folding. The exceptions to this appear to be associated with thrusting. An inferred anticline passes north-south through the creek crossed by Bulls Road at 5431620mN 485650mE. Similar folding may be inferred from anomalous westerly bedding dips in the Peaked Hill slice near the old Rifle Range to the north of EL 20/94. However, for the most part, bedding retains a north-northwest strike and mostly although not always a moderate easterly dip.

The deformation suffered by the pre-Middle Devonian rocks is generally expressed as faults with little significant folding.

The deformation is manifested differently between rocks of different strength. The finer grained Cambrian siltstones in Middle Arm Creek and the shales and siltstones of the Corn Hill Beds west of Cabbage Tree Hill have a moderately to well developed slaty cleavage generally

dipping steeply to the east-northeast. The coarser, siliciclastic, Cabbage Tree Conglomerate, Salisbury Hill and Eaglehawk Gully Formations are strongly jointed. A second later cleavage is mapped on Peaked Hill (see figure 5). This cleavage generally dips steeply to the west.

The major thrusts themselves are generally poorly exposed. As noted the Cobblestone Creek Thrust is intersected in some of the deeper targeted diamond drill holes i.e. A3, B8, B14, B25 and B30. The Cabbage Tree Thrust is considered to outcrop at the western end of the Middle Arm Gorge on the Flowery Gully Road and be intersected by the west cross cut on the 422' level of the Moonlight Mine as well as at the ends of B13 and B32. The existence of thrust faults elsewhere is generally inferred by the occurrence of older rocks overlying younger rocks.

Hills (1998) describes the principal joint sets in the mine sequence rocks as averaging 72/291 (AMG) and 64/166 based upon underground mapping. This apparently conjugate set is bisected by the orientation of the Tasmania Reef which Hills (1998) describes as being 60/131. Although the shales and siltstones to the east and west are generally cleaved they are occasionally jointed with joint orientations consistent with those in the mine sequence rocks. The jointing is most probably Middle Devonian in age and related to a compressional regime at the time of formation of the Tasmania Reef structure.

Further mapping underground of new development in the Beaconsfield Mine indicates that there are three sets of faults. The age relationship of the earlier two sets is unclear but may be coeval. These two sets have similar orientations but largely antithetic senses of movement. The faults strike east to northeast, though predominantly east-northeast, and are sub-vertical. Dragging of bedding and rarer quartz and/or carbonate fibres record oblique slip of either combined dextral normal movement or sinistral reverse movement. The former are more common than the latter. Many of these structures carry narrow (generally in the order of a few centimetres) veins which are often sulphidic and can be gold bearing. The Tasmania Reef is considered to be an example of the dextral normal type. Both fault sets are considered to be Middle Devonian in age.

The third set of faults strikes north to north-northeast and is sub-vertical with oblique slip apparently made up of dextral strike slip and a lesser normal dip slip component. This set is analogous with other north to north-northwest trending faults elsewhere in the northeast of Tasmania which have been interpreted to be Middle Devonian in age (e.g. the main slide at Mathinna; Keele, 1994).

The evidence underground is in agreement with Richard Keele's mapping of the Temco Quarry (Hills, 1997) where he recognised numerous north-northeast to north-northwest striking dextral faults (a dip slip component is unstated but may not be significant) as well as two east-northeast striking sinistral structures. The north trending dextral set is also represented by the main slide. The relationship of the

second slide to this grouping is unclear considered against Montgomery's (1892) discussion of the possible location of the Tasmania Reef west of this second slide.

The structural picture is complicated by post Permian normal faulting such as the structure striking northerly beneath Middle Arm Creek to the west of Peaked Hill.

5.3.4 Mineralisation

Regionally the most significant gold deposit is the Tasmania Reef. The Tasmania Reef is a quartz + ankerite + gold + arsenic + chalcopyrite + sphalerite + minor galena reef of mesothermal type. The reef is approximately 320-350 metres long and averages 3 metres in width (Hills, 1998). It is analogous in many ways to mesothermal slate belt deposits in northeastern Tasmania, Victoria and elsewhere in the world. The main difference is the actual host rocks themselves.

The reef shows evidence of multiple openings and movement on the same structure with both laminated textures, defined by carbonaceous and/or sulphidic material in sub-parallel seams, and brecciated textures, with sulphide and/or ankerite infilling (healing) common. As discussed earlier there are a number of sub-parallel structures in the underground development which also carry lower levels of gold (generally a few g/t Au at best) and are considered to have formed at the same time as the Tasmania Reef. The South Lode is an example of one of these. Further afield the North Tasmania reef is considered to be of the same style and origin as the Tasmania Reef. However, in contrast with Lefroy for instance, the number and size of these sub-parallel structures is somewhat limited.

Gold occurs both as coarse particulate free gold in quartz and ankerite and intimately associated with the sulphides, particularly arsenopyrite. The deposit is relatively silver poor hence the relatively high fineness of around 937 (Russell and Van Moort, 1992).

Other gold mineralisation within the region is also of mesothermal type and structurally hosted. As noted earlier the other principal examples on the western side of the Tamar River are North Tasmania, Pease Creek and Salisbury Hill. East of the Tamar are a number of goldfields of similar age and style to the Tasmania Reef except that they are hosted within the Ordovician-Early Devonian Mathinna Beds. Further gold mineralisation east of the Tamar is considered by some to be associated with Devonian granodiorites.

6.0 WORK COMPLETED AND RESULTS, 1999

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6.1 INTRODUCTION

EL 20/94 is due for a 50% reduction on 28th October 1999. Since most of the Joint Venture's capital was understandably committed to developing the Beaconsfield Mine the focus of exploration in the 1998-99 year was to determine those areas to retain and those to relinquish.

Based upon the empirical model for the Tasmania Reef i.e. north-east to east-northeast striking sub-vertical mesothermal quartz + ankerite + sulphide (pyrite + arsenopyrite > chalcopyrite + sphalerite + galena) reef hosted by the Eaglehawk Gully and Salisbury Hill Formations in the Cabbage Tree Hill thrust slice, a decision was made that the strike ridge containing these rocks (occupying a total of 25% of the whole square kilometre blocks in the licence) would be retained. These blocks received minimal attention.

It was also decided that the 25% (again in whole square kilometre blocks) of the licence underlain by relatively non-prospective rocks, i.e. specifically those areas covered by rocks deposited after gold mineralisation in the Middle Devonian, would be relinquished. These blocks too received minimal attention.

This left approximately 50% of the licence from which a further 25% had to be chosen for relinquishment. This area is shown on figure 2. This 50% consisted largely of rocks which had been deposited prior to the Middle Devonian mineralising event but which did not lie in the empirically favourable Cabbage Tree Hill slice. In particular these areas included potentially mineralised Cambro-Ordovician rocks (including correlates of the Eaglehawk Gully and Salisbury Hill Formations) in the Cobblestone Creek and Peaked Hill thrust slices as well as the Ordovician(?)-Devonian Corn Hill Beds.

6.2 GRIDDING/BASELINES

6.2.1 Introduction

The major body of work carried out in the 1998-99 reporting year was a programme of gridding, soil sampling and systematic grid based mapping and rock sampling over approximately 50% of the licence. This work was designed to quickly and relatively cheaply assess this 50% in order for decisions to be made regarding the relative potential of individual square kilometre blocks.

The grid was designed to be optimal for discovering north-east to east-northeast striking reefs with grid lines oriented at 330° true north. Although relatively broadly spaced for reefs only a few metres (at most) wide, soil sampling was planned to be initially at 50 metres spacing on 100 metre spaced grid lines with infill sampling (where justified) at 25 metre spacings on 50 metre spaced lines. It was hoped that relatively more mobile pathfinder elements associated with such reefs, i.e. arsenic, copper, lead and zinc, would defined a broad halo around such reefs with infill sampling locating more narrowly focussed halos of relatively immobile gold anomalous soils around such reefs.

Consideration was given to the mobility of all elements in the clayey B/C-horizon soils available for sampling. Relatively expensive newer

Mobile Metal Ion methods, whilst arguably more effective, could not be justified within the budgetary framework. The author has had experience with both forms of soil sampling in Tasmania with both methods proving effectual in certain environments. For these reasons classical B/C-horizon soil sampling using a hand auger was chosen as the most suitable method.

6.2.2 Baselines

Baseline pegs were surveyed using a Trimble real time differential GPS. Accuracy is estimated to be ±2 metre based upon the accuracy of the equipment (±1 metre) and the level of accuracy accepted in placing the peg (±1 metre). Real time differential surveying allowed pegs to be placed on 'baselines' which utilised tracks, clearings etc.

The Trimble GPS performed remarkably well under moderately dense canopies. The major delay occurred when the satellites available did not configure favourably to give a low enough PDOP to allow relatively accurate measurement of location.

Under the tracking function the GPS instrument is able to tell the operator the distance the GPS is off (in a perpendicular sense) the direct line between these two points as well as the distance to the destination.

The GPS was programmed with the AMG co-ordinates of the endpoints of each grid line with the southern end assigned the destination. The operator walked along tracks, clearings etc in a broadly perpendicular direction to the direction of the grid lines. The GPS instrument told the operator the distance off the grid line until the operator was standing on the grid line. At this point the distance to the southern end of the grid line (in metres) was added to the grid northing of the southern end of the line to give the northing of the base line peg which was subsequently written on the peg. The northings of these baseline pegs are usually not even numbers and in most case the baselines are not straight lines.

Although generally utilising tracks, clearings etc., where such were not available, baselines in the bush were scrub bashed and flagged with a combination of both fluorescent pink and green flagging used to mark such baselines.

The maximum length of gridline surveyed from each baseline was determined to be approximately 700 metres with longer lines crossed by two baselines.

A total of 139 baseline pegs were placed along a total of 16 baselines. This figure included 14 baseline pegs on the Eaglehawk Gully baseline which has not yet been used for gridding or soil sampling purposes. The position of these baseline pegs and the baselines are shown on figures 4, 5, 6 and 7.

6.2.3 Gridding

608030

Three teams of field workers known by the author to be competent, experienced and reliable were asked to tender for gridding and soil sampling work. In particular each team was asked to tender separate prices per kilometre for gridding in the bush and 'gridding' on farm land as well as a price per soil sample collected. The successful tenderers were Dean, Adam and Jemina Duraj. These three, in conjunction with their father Ray, have carried out most of the soil sampling in the district over the last few years.

All initial 100m x 50m gridding and soil sampling was carried out in December 1998 and January 1999. Infill sampling was carried out by the author and/or Bronson Kaestner or Gerard Walker (both employees of the BMJV) later in the reporting year. This infill work is discussed in further detail later.

Gridding on farmland was carried out in conjunction with the soil sampling as the flagging tape generally used in bush gridding is a danger to stock who eat it. In gridding on farmland small pieces of flagging were placed on fences where grid lines crossed them.

Gridding in the bush was intended to be reconnaissance in nature with no cutting or clearing other than that accomplished in scrub bashing. The Duraj's were only required to flag the grid lines, though in a number of areas, the density of the bush meant that the flagged lines needed quite rigorous scrub bashing with the lines appearing to have been cut. Fluorescent pink flagging was used to flag the grid lines. Soil sample locations were distinguished by using a combination of both fluorescent blue and pink flagging as well as an aluminium tag marked with the grid easting and northing.

Slope corrections were made during the gridding with the 50 metre soil sample spacings a horizontal distance. These corrections were recorded in notebooks by the Duraj's.

The accuracy of the gridding was able to be established on those lines crossed by two baselines. The maximum error appears to be around 10 metres over 700 metres, a quite satisfactory level of accuracy.

A total of 75.0 kilometres of gridline was established in the bush with a further 25.5 kilometres surveyed in conjunction with soil sampling on farmland. The locations of these grid lines is shown on figures 4, 5, 6 and 7. A further 3.5 kilometres of infill gridline was surveyed at the Wings West prospect. The Belven Park grid was established by laying out a 50 metre tape on the ground. The baseline in this instance was not surveyed by GPS but estimated from corners of properties. Pink flagging with grid co-ordinates has been placed on the fence line dividing the two properties on this hill.

6.3 SOIL SAMPLING

608031

6.3.1 1998/99 Soil Sampling

Soil samples were collected from the B/C-horizon using a manual 4" Jarrod tree planting/post hole auger. In EL 20/94 the soil profile is usually topped by a 0.1-0.3 metre thick layer of humic A-horizon material. This either overlies a leached sandy B-horizon, particularly in soil profiles developed over quartz sandstones, of around 0.2 metres thickness. The C-horizon is a yellowish orange to dark yellowish orange clayey material with increasing coherent rock fragments with depth. Most soil samples were collected from 0.4 to 0.7 metres depth.

All soil samples were dried (generally naturally) and sieved through a 3mm sieve. Representative rock fragments in the +3mm fraction were taken and collected in chip trays. These rock chips have been logged by the author with the descriptions in the soil ledger (appendix A). The -3mm fraction was rebagged and analysed by ANALABS Burnie for Au (to a 1ppb detection limit), As (to 1ppm), Cu, Pb and Zn. Considerable time and care was taken by ANALABS in cleaning the sample preparation circuit prior to prepping the soil samples and the author is quite confident that those anomalies defined by the soil sampling are genuine and not a product of contamination the laboratory.

A total of 2062 soil samples were collected in the 1998/99 reporting year. 1873 of these were collected in the first round of sampling on the 100m x 50m grid. The breakdown of samples per grid is as follows; Powerline East/Wings West 242, Powerline West 445, Peaked Hill 577, Corn Hill/Rookery Road 249, Greaves Road/Fulwood 131, Leviathan Hill/Denmans Road 79, Salisbury Hill Road 24, Lightwood Hill 59 and McFarlanes 67. Following encouraging results from this first round of sampling the Wings West grid was infilled to 50m x 25m with a further 157 samples collected. Later in the reporting year the owner of a property at Belven Park on the southern end of the McFarlanes grid gave the author a rock sample of chalcopyrite + pyrite mineralized quartz reportedly from earthworks undertaken in constructing his shed. To follow up this anomalous sample a further 32 samples were taken on a nominally 25m x 25m grid.

The locations of all soil samples and results are listed in Appendix 1 and shown on figure 8, 9 and 10.

6.3.2 Reassaying Ridge Top soils

As part of the soil sampling work an effort was made to integrate the results of all soil sampling programmes undertaken in the area and available to the author. The spread of values returned from this years programme accord well with those of Beaconsfield Gold NL's work on the Winkleigh licence (Morrison, 1998). Similarly they accord with those from Resolute Limited's work on their Andersons Creek licence (the author was responsible for Resolute's work on this licence and is aware of the tenor of results and anomalies generated in this work). However, the results of the Ridge Top soil sampling programme

undertaken by the BMJV along ridges in EL 20/94 (and adjacent ground) are quite markedly elevated.

The method used in the latter programme has a detection limit of 10ppb meaning that values around this range (considered anomalous in the BMJV's work this year) were potentially spurious. In order to allow the data sets to be integrated it was decided to re-assay some of the pulps retained from the Ridge Top programme using the more accurate, lower detection limit (1ppb Au), method. These results were almost all below 1ppb, a marked fall from the values originally returned from the higher detection limit method. Further checking by Rob Chapman, ANALABS Burnie's chemist, revealed systematic errors in the values initially reported. The error was human and apparently involved a failure to accommodate the gold inherent in the flux used in analysis. This error is the responsibility of a relatively junior chemist sent to relieve the regular chemist during his 1 month annual leave in 1997. ANALABS recalculated those values greater than 1ppb and reassayed a significant number of these pulps to confirm the validity of this recalculation at no cost to the BMJV. Whilst most anomalous values (including the Bulls Road anomaly referred to in MacDonald, 1998) disappeared in this work a number of anomalous values in geologically reasonable areas, i.e. adjacent to the old Tasmania Reef open cut in 1669P/M and above the old workings on Salisbury Hill) remained.

The Bulls Road anomaly was re-sampled by Beaconsfield Gold NL as orientation for their work on their "Winkleigh" licence 200 metres to the east. The low gold results of that work confirm that the Bulls Road anomaly was a product of the laboratory and not a genuine soil anomaly.

The correct results are shown on figures 8, 9 and 10 and have been included in appendix 1.

6.3.3 Results/Conclusions

The soil sampling programme has defined a number of anomalous zones. Figures 11 to 15 are colour enhanced images displaying anomalous zones for each of the elements. The DISCOVER software used in creating these images calculates an weighted average for every 20m square using a search ellipse (120m x 80m) oriented at 060° (TN) and a weighting factor of 5 i.e. which acts to smooth out the image but also tends to hide spot anomalies. The actual raw assay results are presented in figures 8, 9 and 10.

The most significant of these and perhaps the only anomalous zone warranting drill testing is the Wings West (north and south) anomaly on the Powerline East/Wings West grid. This anomaly and all other anomalies will be discussed in turn.

5438000 mN
5437000 mN
5436000 mN
5435000 mN
5434000 mN
5433000 mN
5432000 mN
5431000 mN
5430000 mN
5429000 mN
483000 mE
484000 mE
485000 mE
486000 mE
487000 mE

5 cm

EL 20/94 - "Salisbury Hill"
Soil Sample Results
Au image

Date: 21/9/1999 Author: G MacDonald
Drawn: G MacDonald File: SH AR99 F11
Scale: 1:25000

Beaconsfield Mine Joint Venture

ALLSTATE EXPLORATIONS NL
ACN 000 579 023
(JV MANAGER)

Figure No. 11

608033

5438000 mN
5437000 mN
5436000 mN
5435000 mN
5434000 mN
5433000 mN
5432000 mN
5431000 mN
5430000 mN
5429000 mN
483000 mE
484000 mE
485000 mE
486000 mE
487000 mE

5 cm

EL 20/94 - "Salisbury Hill"
Soil Sample Results
As image

Date: 21/6/1999 Author: G MacDonald
Drawn : G MacDonald File: SH AR99 F12
Scale: 1:25000

Beaconsfield Mine
Joint Venture

ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)

Figure No. 12

6080034

5438000 mN
5437000 mN
5436000 mN
5435000 mN
5434000 mN
5433000 mN
5432000 mN
5431000 mN
5430000 mN
5429000 mN

483000 mE
484000 mE
485000 mE
486000 mE
487000 mE

5 cm

EL 20/94 - "Salisbury Hill"
Soil Sample Results
Cu image

Date: 21/9/1999 Author: G MacDonald
Drawn: G MacDonald File: SH AR99 F13
Scale: 1:25000

Beaconsfield Mine Joint Venture

ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)

Figure No. 13

6080035

5438000 mN
5437000 mN
5436000 mN
5435000 mN
5434000 mN
5433000 mN
5432000 mN
5431000 mN
5430000 mN
5429000 mN

483000 mE
484000 mE
485000 mE
486000 mE
487000 mE

5 cm

EL 20/94 - "Salisbury Hill"
Soil Sample Results
Pb image

Date:21/9/1999 Author: G MacDonald
Drawn : G MacDonald File: SH AR99 F14
Scale: 1:25000

Beaconsfield Mine
Joint Venture

ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)

Figure No. 14

609036

5438000 mN
5437000 mN
5436000 mN
5435000 mN
5434000 mN
5433000 mN
5432000 mN
5431000 mN
5430000 mN
5429000 mN
483000 mE
484000 mE
485000 mE
486000 mE
487000 mE

5 cm

EL 20/94 - "Salisbury Hill"
Soil Sample Results
Zn image

Date: 21/9/1999 Author: G MacDonald
Drawn: G MacDonald File: SH AR99 F15
Scale: 1:25000

Beaconsfield Mine Joint Venture

ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)

Figure No. 15

608037

Powerline East/Wings West Grid

The Wings West anomaly is broken up into two discrete anomalies. They are separated by alluvium but also display some differing characteristics.

The Wings West South anomaly (summarised in figure 16) is defined by anomalous Au, As and Zn with Au up to 18, 9, 7, 5 and 5 ppb, As to 54, 44 and 30ppm and Zn up to 84, 71, 64 and 51 ppm. The anomalous soils are scattered but occur over a reasonably coherent zone approximately 300m x 150m, oriented in a northeast direction. The bounds of this zone are defined to a large degree by alluvial cover to the northeast, northwest and southeast. This zone contains a number of old workings in the form of trenches (see Plate 2) and shallow pits/shafts. A number of anomalous rocks were collected from this zone with 198, 41, 32 and 27 ppb the best gold values, 225 ppm the best arsenic and 0.6% the best zinc value. The anomalous rocks are all ironstone with samples taken from the old workings of chromite veined quartz returning disappointingly low assays other than for Cr. As noted below there is some suggestion that the old workings around which the chromite bearing quartz are found are newer with the workings around which ironstone samples were collected being older.

The Wings West North anomaly corresponds to a zone of abundant quartz float along a gentle northeast trending hill between two open gullies with sandy alluvium. The anomaly is defined by anomalous Au ± As with Au up to 15, 13, 12, 8, 8 and 7 ppb an As up to 27 and 25 ppm. The dimensions of this spotty but reasonably coherent zone are 300m x 150m with the anomaly bounded to the northeast, southeast and northwest by alluvium. It is separated from the Wings West South zone to the south by 150 to 200 metres of alluvial cover. The best rock collected from this northern zone returned 7 ppb Au. This sample is again ironstone with the numerous samples of quartz assayed disappointingly low.

In addition to the Wings West North and South anomalies, there is also a zone of anomalous Zn ± Cu roughly running in a northerly direction along easting 487500mE along the western side of the hill. By analogy with a similar Zn ± Cu anomaly on the northern end of McFarlanes Grid (discussed below) this anomaly is interpreted to be lithological, possibly reflecting the presence of mafic volcanics of the Blyth's Creek Formation.

McFarlanes Grid

A zone of anomalous Zn ± Cu at the northern end of the grid corresponds to samples taken from soils overlying the West Tamar Highway basaltic andesite (as determined both from outcrop and logging the +3mm chips from the soil samples). The apparent anomaly is explained by the higher background levels in the mafic rocks. A single anomalous As sample of 96 ppm at grid 11400mE 16050mN is perhaps more significant.

At the southern end of this grid lies the Belven Park 25m x 25m grid. This tightly spaced grid was sampled to follow up a rock sample of quartz + chalcopyrite + pyrite vein given to the author from a landowner and reportedly taken from beneath his newly built shed during earthworks. Abundant quartz float supported the landowners story. This sampling is summarised in figure 17.

None of the soils collected have anomalous Cu or Au, nor any other elements. A single rock sample of quartz with ferruginous vugs returned 392 ppm Pb. The best Cu values is 14 ppm from a sample of quartz taken from the lag at the top of a soil sample hole.

Salisbury Hill Road

Three anomalous gold values, i.e. 14, 8 and 3 ppb, were returned from samples taken from 15100mN, 15050mN and 15000mN respectively on line 10700mE. Follow up infill sampling (not submitted for assay at the time of reporting) revealed the existence of gossanous float and outcrop to the northwest of this anomaly. Three samples of this material only assayed up to 12 ppb Au. The gossanous material is considered to be analogous to similar ironstone sampled elsewhere and discussed below.

Lightwood Hill

Three discrete samples on the Lightwood Hill grid assayed 11, 8 and 8 ppb Au. Similarly scattered samples also assayed up to 39 ppm As and 71 and 55 ppm Zn. One of the 8 ppb Au samples was taken from soil overlying the zone of silicified grit adjacent to Salisbury Hill Creek.

Leviathan Hill

There are no anomalous Au values from soil samples on Leviathan Hill or the flats alongside Denmans Road. However, there is a zone of anomalous As on line 9400mE from 19250mN to 19350mN with values of 28, 109 and 61 ppm As respectively. A limited number of rock samples from this zone do not contain anomalous Au. Apart from this zone the grid contains a number of scattered anomalous As values, i.e. 44, 39, 37 and 27 ppm and Zn up to 71, 71 and 67 ppm.

Peaked Hill Grid

There are two zones with anomalous soils on the Peaked Hill grid, neither of which are anomalous for Au.

On line 7500mE there is a zone of anomalous Pb over 100 metres from 17150mN to 17250mN defined by 68, 193 and 132 ppm Pb. Float mapped in the area includes sandstone with sheeted quartz veining. A sample of this rock assayed 56 ppm Pb but <1 ppb Au.

The second zone is on line 7700mE around 17700mN with Pb up to 56 ppm and As to 25 ppm. This zone is associated with subcropping ironstone. Three samples of this ironstone assayed up to 270 and 365 ppm As, 538 and 1095 ppm Pb and 132 and 228 ppm Zn. All three samples assayed <1 ppb Au.

•<1, 6, 4, 5, 3
•<1, 1, <2, 6, 3
5434800 mN
•<1, 1, 3, 3, <2
•<1, <1, <2, 5, 6
(216899) <1, 1, <1, <2, <3, 4
(216923) <1, 3, <1, 3, 17, 3
(216922) <1, 1, <1, 2, 4, <2
(216924) <1, 2, <1, 6, 14, 8
(216925) 4, 3, <1, 3, 10, 5
(216926) <1, 3, <1, 4, 10, 3
11300mE
•<1, 11, 3, 8, 12
•<1, <1, <2, 4, 4
•<1, <1, 3, <3, 2
•<1, 1, <2, 11, 7
(216895) <1, 1, <1, <2, 4, 4
(216929) <1, 6, <1, 5, 392, 20
(216928) <1, 4, <1, <2, 20, 4
(216930) <1, 1, <1, <2, 30, 2
11250mE
Shallow depressions - old pits?
5434700 mN
•<1, <1, <2, 3, 8
(216927) <1, 2, <1, <2, 4, <2
(216898) <1, <1, <1, <2, <3, 3
•<1, <1, <2, 7, 6
(216950) <1, <1, <1, <2, <3, <2
(216940) <1, 4, <1, 14, 3, 6
•<1, 1, <2, 4, 5
11200mE
•<1, <1, <2, 5, 10
(216945) <1, 4, <1, <2, <3, <2
(216890) 7, <1, <1, <2, 3, 6
•<1, 1, 14, 14, 16
15000mN
•<1, 2, 2, 10, 10
•<1, 1, 3, 11, 13
•<1, 1, <2, 6, 7
(216936)
<1, 2, <1, <2, <3, <2
•<1, 1, <2, 4, 7
•<1, 3, <2, 7, 7
(216933) <1, 1, <1, <2, <3, <2
(216934) <1, 3, <1, 4, 70, 8
(216914) <1, 1, <1, <2, <3, <2
(216952) <1, 5, <1, 3, <3, <2
(216935) <1, 2, <1, <2, 16, 3
•<1, 3, 5, 3, 2
•<1, <1, <2, 15, 7
•<1, <1, 6, 15, 11
•<1, 3, 2, 26, 11
Weathered quartz sandstone
(216931) <1, 1, <1, <2, 4, <2
(216917) <1, <1, <1, <2, 4, <2
(216932) <1, 4, <1, <2, <3, <2
•<1, <1, 2, 6, 12
(216943) <1, 1, <1, 2, <3, 2
Demantable
•<1, 3, <2, 19, 12
•<1, <1, 2, 11, 9
House
•<1, 1, <2, 5, 2
(216866) 2, 2, <1, <2, <3, 11
(216944) <1, 3, <1, <2, <3, <2
•<1, 2, <2, <3, 2
(216947) <1, 6, <1, <2, <3, <2
(216948) <1, 6, <1, <2, <3, <2
(216949) <1, 3, <1, <2, <3, <2
•<1, 2, <2, 11, 6
(216951) 1472, 26, 12, >5000, 22, 99
Shed
(216946) <1, 4, <1, <2, 10, 3, <2
•<1, <1, <2, 10, 10
(216937) <1, 2, <1, <2, 3, 2
•<1, 5, <2, 4, 7
•4, <1, <2, 9, 26
(216868) <1, 1, <1, <2, <3, 3
(216907) <1, 5, <1, <2, 7, 4
(216906) <1, <1, <1, 5, 71, 13
•<1, 3, <2, 6, 10
(216916) <1, 1, <1, <2, <3, <2
5434600 mN
•<1, 4, 2, 11, 10
(216869) <1, <1, <1, 4, 3, 8
(216870) <1, <1, <1, <2, <3, 2
•<1, 2, <2, 7, 10
(216941) <1, 3, <1, 3, 4, 2
(216886) <1, 2, <1, 2, 4, 7
(216910)
<1, 2, <1, 8, 23, 7
•<1, 3, 4, 7, 3
(216911)
<1, <1, <1, <2, 4, 3
(216874)
<1, <1, <1, <2, <3, 4
(216908) <1, 2, <1, 6, 3
14900mN
•<1, 1, <2, 6, 8
(216889) <1, 1, <1, <2, <3, 6
•5, <1, <2, <3, 8
(216871) <1, 1, <1, <2, 4, 6
(216875) <1, <1, <1, <2, <3, 3
•<1, 4, 2, 8, 4
•<1, 2, <2, 3, 6
•<1, <1, 2, 5, 6
(216876) <1, <1, <1, <2, <3, 4
(216939) <1, 5, <1, 4, <3, 3
(216942) <1, 2, <1, <2, <3, <2
(216888) <1, 2, <1, 3, <3, 4
(216938) <1, 2, <1, <2, <3, <2
LEGEND
Soil sample location and results, 1998/99 programme; Au (ppb), As (ppm), Cu (ppm), Pb (ppm), Zn (ppm)
Rock sample location - sample number Au (ppb), As (ppm), Cu (ppm), Pb (ppm), Zn (ppm)
Grid lines; eastings and northings
10900mE
13400mN
Float (dotted outline); outcrop (solid outline)
Quaternary alluvium
Ordovician quartz sandstones
5434500 mN
487500 mE
487600 mE
5 cm
EL 20/94 - "Salisbury Hill"
Belven Park Prospect
Soil and Rock Sample
Results and Geology
Date: 25/9/1999
Author: G MacDonald
Drawn: G MacDonald
File: SH AR99 F17
Scale: 1:1000
Beaconsfield Mine
Joint Venture
ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)
Figure No. 17
608040

Greaves Road/Fulwood Grid

There is only weakly anomalous Pb, Zn and Cu on line 9300mE from 15550mN to 15600mN with Cu to 42 ppm, Pb to 52 ppm and Zn to 64 ppm. Au is all <1 ppb.

Rookery Road Grid

The southern end of the Rookery Road grid contains a number of anomalous results on lines 7400mE, 7500mE and 7600mE from 10600mN to 10800mN. Zn assays are up to 165, 60, and 59 ppm, Cu up to 54, 47 and 40 ppm, As up to 63 and 40 ppm with a single 10 ppb Au assay from 7500mE 10650mN.

This anomalous zone corresponds with the area mapped from outcrop and float as the massive quartz sandstone unit at or near the base of the Corn Hill Beds. A similar anomaly over similar quartz sandstones at the base of the Corn Hill Beds on the Powerline West grid suggests that these sandstones are associated with elevated levels of arsenic, copper, lead and zinc.

Powerline West Grid

The strongest base metal anomaly defined by this years soil sampling is located on lines 7300mE and 7400mE on the western end of the Powerline West grid. Line 7400mE runs partly along the ridge shown on figure 3 as massive quartz sandstones. Rock chips from soil samples on line 7300mE on the low lying country west of this ridge indicates that this lower country is underlain by scree derived from this ridge.

Anomalous values up to 430, 250, 107 and 105 ppm Zn, 388, 125 and 107 ppm Pb, 60 ppm Cu and 43, 30 and 25 ppm As were returned from these soil samples. None of these soils are anomalous for Au although a rock sample of ironstone from around 7400mE 13975mN assayed 24 ppb Au and 48 ppm As. A sample of calcite veining from limestone just below the Flowery Gully Road assayed 20 ppb Au.

Soils overlying the second lens or zone of similar quartz sandstone to the east contain lesser but anomalous Zn with up to 63, 50 and 44 ppm.

Trace element lithogeochemical analysis of these sandstones from the western end of both the Powerline West and Rookery Road grids returned anomalously high levels of P and V. This anomalism was also recorded in drill core from WDH-2 in a similar stratigraphic position on Beaconsfield Gold NL's "Winkleigh" licence (Morrison pers comm.). It is likely that these base metal/arsenic anomalies corresponding to the location of this sandstone on the Powerline West and Rookery Road grids is a product of higher background levels in these rocks. Alternatively these rocks may be some form of chemical trap for fluids carrying these elements. The sandstone does overlie the Flowery Gully Limestone and there is some scope for mineralisation to be trapped in this sandstone. This target needs to be further addressed.

6.4 ROCK SAMPLING

Some discussion has been already made of rock samples collected from anomalous soil zones. Those samples collected from old workings are discussed where relevant in the description of mapping of old workings below. Sample collected specifically for trace element lithogeochemistry are not discussed here (see below).

A total of 269 rocks were collected for gold, arsenic, copper, lead and zinc analysis during the grid based mapping programme. Of these 57 were collected on the Powerline East/Wings West grid, 43 on the Powerline West grid, 65 from Peaked Hill, 12 from the Rookery Road grid, 5 from the Leviathan Hill grid, 54 from the Belven Park end of McFarlanes grid, 4 from the Salisbury Hill Road grid, 14 from the Lightwood Hill grid and 15 from the old workings in Eaglehawk Gully.

The best gold assay was 1.47 g/t from the sample (216951) of quartz + chalcopyrite + pyrite vein reportedly from Belven Park Hill. 12 of the 17 next best gold assays come from samples collected from the lower adit at Eaglehawk Gully, i.e. 0.748, 0.561, 0.324, 0.241, 0.145, 0.108, 0.081, 0.062, 0.051, 0.042, 0.031 and 0.023 g/t Au.

The other anomalous samples in this 17 come from the Wings West soil anomalies, i.e. 0.198, 0.041, 0.032 and 0.027 g/t Au, with the single exception the 0.024 g/t Au assayed for the sample of ironstone from the ridge on the western end of the Powerline West grid.

6.5 MAPPING

6.5.1 *Introduction*

All grid lines surveyed by the Duraj's have been mapped by the author. In addition the +3mm rock chips retained from the soil samples have been logged and assigned to lithological categories. This mapping is presented as figures 5, 6 and 7.

There are generally only minor amounts of outcrop in the areas gridded. Fortunately much of the gridded area is under forest plantation. This has disturbed the ground exposing much of the sub-surface float to the extent that such can be confidently mapped in a number of areas as subcrop. Access tracks for the logging work which has preceded replanting provides most of the outcrop mapped.

The results of this mapping have already been discussed in the Local Geology section.

Apart from the grid based and regional mapping and rock sampling, a focus of the work was the location, mapping, and where warranted, sampling of any such old workings.

During the mapping work a number of old workings were located, though perhaps fewer than might have been expected. Similar goldfields elsewhere in Tasmania's north-eastern gold province seem to have relatively more old workings than seen to date in the Beaconsfield

area although this is possibly a product of the focus on the moderately prospective rocks in this years programme.

Apart from the more substantial old workings on the southern end of Salisbury Hill, mapped last year (MacDonald, 1998) and the Eaglehawk Gully workings located but not mapped in the 1997/98 year, significant old workings were discovered in the following areas.

6.5.2 Wings West South old workings

A number of trenches and a shallow shaft were revealed during mapping of the Wings West/Powerline East grid in the region of the southern soil anomaly at Wings West. Further trenching was located during infill gridding and soil sampling following up the anomalous soil values returned from the initial round of soil sampling. The locations of these trenches and shaft as well as rock and soil samples are shown on figure 16. The most interesting of these trenches are shown on plate 2.

Plate 2. Trench exposing pyrite + fuchsite veined silicified sandstones from Salisbury Hill Formation correlates in the Cobblestone Creek Slice, Wings West South. (See Plate 4 for example of rocks).

There is a considerable amount of mullock around these trenches which was sampled and assayed. As discussed earlier these rocks are only weakly anomalous in gold.

The old workings appear to be chasing a chalcedonic type of quartz with associated pyrite + fuchsite veining.

The chalcedonic quartz appears to be the product of intense silicification of quartz grits. A number of samples (see plate 3) contain relatively abundant detrital chromite grains in discrete layers interpreted as bedding. This chromite has probably been remobilised into the veins along with what appears to be oxidised pyrite (see plate 4).

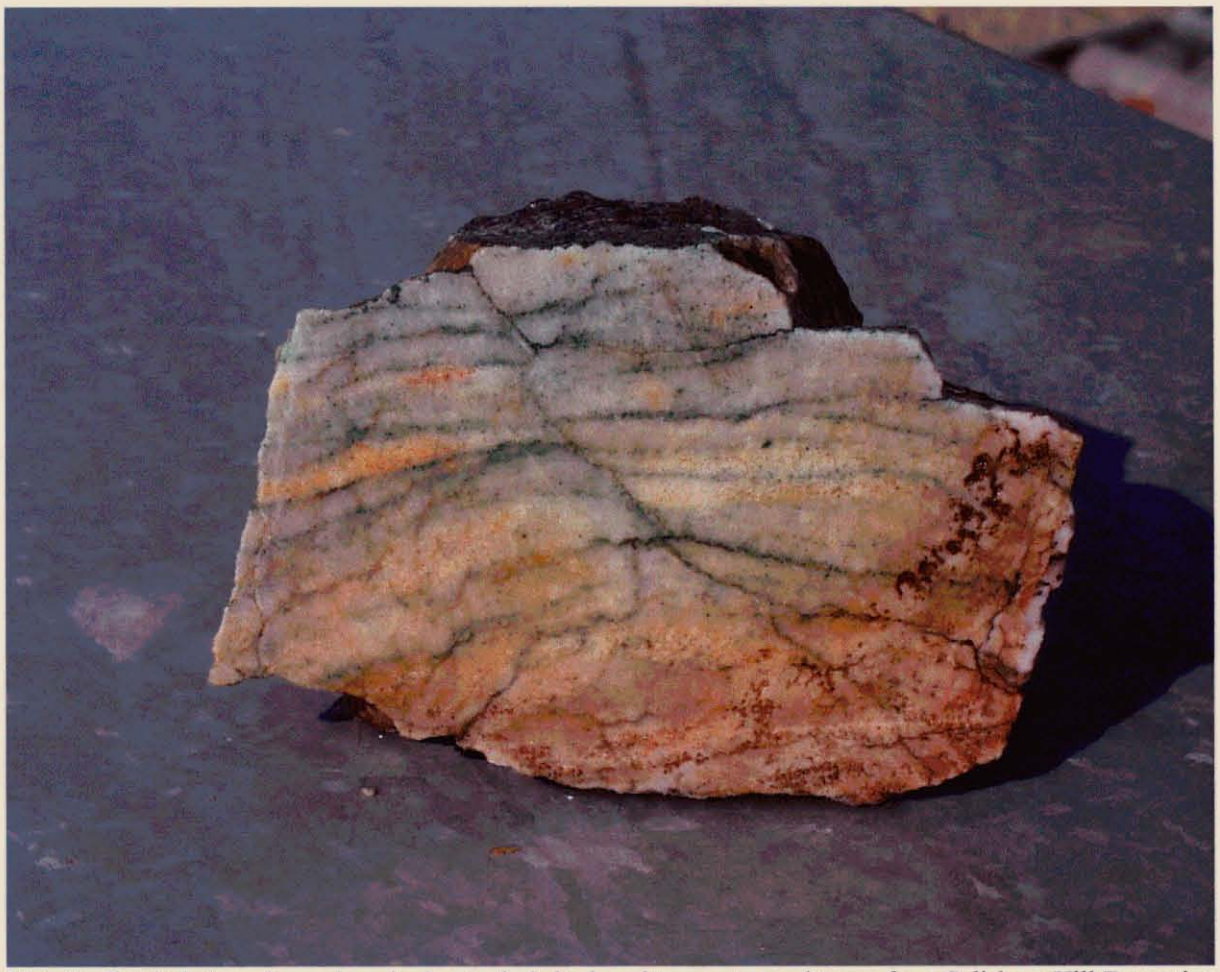

Plate 3. Detrital chromite grains altering to fuchsite in gritty quartz sandstones from Salisbury Hill Formation correlates in the Cobblestone Creek Slice from Wings West grid.

The grits are from correlates of the Salisbury Hill Formation in the Cobblestone Creek slice. Similar intense silicification is seen at 5437700mN, 486150mE along the slopes of Lightwood Hill leading down into Salisbury Creek just south of its confluence with Middle Arm Creek (see plate 5). The rocks here are again correlates of the Salisbury Hill Formation from the Cobblestone Creek slice although detrital chromite is not seen in this latter location. Intriguingly both occurrences of silicification of Salisbury Hill Formation grits in the Cobblestone Creek slice occur adjacent to or along strike from major northeast to north-northeast striking structures. The Wings West occurrence lies adjacent to the Johnson Creek Fault Zone whilst the Lightwood Hill occurrence lies along strike from the structure responsible for Middle Arm Gorge.

Similar flooding of gritty and conglomeratic rocks in the vicinity of the mine carries sub-economic gold values. It is quite conceivable that

there may be zones within this alteration with sufficient gold levels to form economic near surface deposits. Alternatively the alteration may be viewed as suggesting the presence of more discrete structures at depth along which the demonstrably gold bearing fluids responsible for the alteration may have been focussed.

Plate 4. Pyrite + fuchsite veining in silicified sandstones from Salisbury Hill Formation correlates in the Cobblestone Creek Slice, Wings West South. (See Plate 2 for source).

A programme of drilling is certainly warranted at Wings West South to test this alteration zone at depth.

6.5.3 Derwent Adit and associated workings

Mapping in 1997/98 located a collapsed adit on the eastern banks of a creek, hereby called Derwent Adit Creek, just south of the Powerline Track. The adit's location is shown on mapping by Hicks (1989). The adit must have been quite substantial judging by the amount of mullock on the single tiphead which extends into Derwent Adit Creek. The mullock is predominantly dark grey shale with lesser quartzwacke sandstone. There is only a minor amount of quartz veining on the tiphead with assays reported last year disappointingly low.

Mapping to the south along gridline 8300mE has revealed that there is at least one more collapsed adit and two shallow shafts (see figure 18).

Mullock on the tiphead of the southern adit again consists predominantly of dark grey shaley siltstone with lesser quartzwacke sandstone although there is a moderate amount of quartz included in this mullock. Samples of this quartz are again disappointingly low in gold.

Plate 5. Silicified gritty quartz sandstones from Salisbury Hill Formation correlates in the Cobblestone Creek Slice, Lightwood Hill.

The more northerly of the two shafts is around 5 metres deep with a cross-cut westwards at the base. A considerable amount of mullock around the shaft collar consists predominantly of a vitreous quartz with a significant amount of black mineral probably pyrolusite although there is possibly also some specular haematite present. The cross-cut has not been investigated other than by the sampling of Mn bearing quartz on the floor of the shaft adjacent to the entrance to the cross-cut. Samples of the mullock as well as the sample from the mouth of the cross-cut are anomalous in copper and zinc with assays up to 328 ppm Cu and 218 ppm Zn.

The old workings in this region lie along the western slopes of the basin drained by Derwent Adit Creek. The slope is characterised by a considerable amount of quartz float being one of only two areas within the Corn Hill Beds with such abundant quartz float. The old workings have been driven into this slope beneath the area of anomalous quartz

float. The northern adit, referred to herein as the Derwent Adit, has an apparent trend of 110° (TN). The southerly smaller adit, which lies on the southern side of a small gully draining into Derwent Adit Creek, has a portal which initially trends 085° (TN) before turning anti-clockwise to trend 350° (TN) at the portal proper. The cross-cut at the base of the shallow shaft apparently trends around 020° (TN).

Soils along strike from this slope are anomalous in copper. The zone of old workings and abundant quartz float also lies along strike from the intraformational thrust mapped and anticline inferred near the western end of Bulls Road

6.5.4 Eaglehawk Gully workings

A substantial shaft and a number of smaller shafts were located in last years mapping with their location noted for more detailed mapping later. Such work this reporting year located two accessible adits with a lower adit associated with the shafts and another adit further up the hill (i.e. westerly). The location of the old workings is shown in figures 4 and 6 with detail in figure 19.

The upper adit was accessible and trends south-southwesterly for 75 metres. The rocks along the walls consist of sandstones with discrete beds of well sorted pebbly conglomerate and are correlated with the Salisbury Hill Formation. There is no veining or significant faults in the walls of the adit. Bedding in this adit is generally around 35° to 040° (TN).

The lower adit contains an internal winze 16 metres into the shaft which must be crossed. The winze is steeply inclined (~70°) to the south-west and is following a similarly oriented shear zone of a few metres width containing shallowly south-westerly dipping bunchy ferruginous quartz veins up to 200mm thick, constituting only 2-5% of the shear zone. Channel samples were taken (see plate 6) across this shear at the adit level returned 7.7 metres at 0.055 g/t Au including 2 metres at 0.145 g/t Au. In addition, grab samples of the quartz were collected in the adit level as well as down the inclined winze. These assayed up to 0.748 g/t Au.

A further 6 metres into the adit beyond this winze is a small hole in the backs. This hole leads up into a small rabbit warren like tunnel which follows the base of the overlying scree cover. It appears to have been targeting the top of the shear zone where it is overlain by scree. The tunnel is connected with one of the shallow shafts with the base of this shaft in the adit filled with relatively fresh sandstone.

A further 10 metres in, the backs have collapsed although this collapse can be crossed. Such collapses can be quite dangerous for, apart from the unstable ground conditions, they can dam up relatively lethal levels of CO_2. Gas monitoring equipment was used during access.

Approximately 10 metres further in (i.e. a total of 37 metres from the adit portal) are short cross-cuts to the left and right. The cross-cut to

the right follows a 10mm thick quartz vein of tension vein style dipping 44° to 227° (TN) for approximately 6 metres. The cross-cut to the left becomes a small hole before opening out into the deep shaft 6 metres from the adit.

Plate 6. Channel sampling lower adit, Eaglehawk Gull old workings, Jed Walker sampling, Alan Chester assisting.

There is an amount of mullock backfill in the adit beyond these cross-cuts but this again is negotiable with air quality (at the time of mapping)

good. The adit continues for a further 20 metres, making a total length of 59 metres. A few similar moderately south-southwest dipping tension quartz veins of 5-20mm thickness were encountered in this part of the adit.

The rocks encountered throughout the adit consist of quartz sandstones with no recognisably pebbly units. Bedding is generally 40°/040° (TN).

6.5.5 South Powerline Adit

Just south of the Powerline Track where it climbs the steep ridge of quartz sandstone just west of the Salisbury Hill prospect is an adit trending westerly into the ridge (see figure 3). Mullock on the tiphead of this adit consists of a dark green mafic rock which was sampled last year (and described petrologically by Bottrill in MacDonald (1998) as a basaltic tuff or agglomerate.

This occurrence of mafic volcanics was considered intriguing as it suggested at the time that mafic volcanics immediately underlay, or perhaps more reasonably were in faulted contact with quartz sandstones outcropping on the ridge and correlated with the Salisbury Hill Formation.

Initial cursory mapping at the time indicated that the walls of the first 45 metres of the adit contain quartz sandstones with a regionally anomalous moderate south-southeasterly dip i.e. 40°/160° (TN). Slickensides on bedding planes plunge shallowly to the south-southwest e.g. 30°/240° on bedding 48°/188° (TN) and 20°/210° on bedding 48°/188° (TN).

There is a collapse near the mouth of the adit with a further collapse 45 metres in. Both have relatively unstable backs. At the time of the initial access the CO_2 monitor carried indicated high levels of CO_2 beyond the second collapse. Breathing apparatus was carried in this year's access of the adit, however access unfortunately revealed that there is a backfilled stope or collapsed shaft 75 metres into the adit with the walls still containing shallowly south-southeasterly dipping quartz sandstones. No mafic volcanic rocks were seen with the contact beyond the backfill.

There do not appear to be any veins in the walls other than a few fine quartz veinlets.

Bottrill also studied a sample of the West Tamar Highway "andesite", or "keratophyre" of Green (1959) and Gee and Legge (1979), describing it very similarly as a basaltic tuff or agglomerate. This is supported by an almost identical lithogeochemical analysis for the West Tamar Highway "andesite" to the basalt on the tiphead to the adit (MacDonald, 1998). The West Tamar Highway "andesite" is intercalated with quartz bearing sandstones. Hence the quartz sandstone outcropping along the ridgeline above the adit is interpreted to be a correlate of the Blyth's Creek Formation sandstones. The quartz sandstones intersected in the adit are now interpreted to be from the Blyth's Creek Formation in which case the presence of intercalated

mafic volcanics is not surprising. However, this interpretation is still somewhat debatable and access to the adit beyond the backfill would provide access to very significant geology.

6.5.6 Peaked Hill

A series of short shallow trenches run step-like up the steep northern side of a gully on line 7600mE on the Peaked Hill grid between 16675mN and 16700mN. These have been developed on ironstone float which must have been prospected up the gully. Assays of mullock adjacent to these trenches returned up to 280 ppm As, 138 ppm Cu, 171 ppm Pb and 280 ppm Zn though all Au were <1 ppb.

6.6 LITHOGEOCHEMISTRY

6.6.1 Introduction

Work has continued in building up a database of trace element analyses of sediments from the Beaconsfield region. This work began in 1997/98 with systematic sampling of the rocks intersected in drill core in the vicinity of the Beaconsfield Mine, supplemented by a limited number of samples taken from drill core and outcrop away from the mine. Since the bulk of that sampling was from within EL 7/88 the initial sampling and results were discussed in detail in the annual report relating to that licence, MacDonald (1998).

As stated in that report the initial aims were threefold. The first aim was to aid in the understanding of the provenance and depositional environments of the sediments within the mine environment. The second aim was to assist in dividing the units in the mine sequence. The third aim was "to attempt to distinguish macroscopically but stratigraphically discrete units" (MacDonald, 1998).

There was only limited success in satisfying the first two aims and it became apparent that satisfying the third aim would be of much more use, particularly in resolving the regional geology. It was also clear from the analysis of the results from the first years sampling (two separate batches of samples were collected and analysed in the 1997/98 year) that a greater number of samples were needed for the conclusions made to have any statistical robustness.

In total a further 55 samples were collected from the Beaconsfield region in the 1998/99 reporting year. The breakdown of location and rock types are discussed below. All samples were analysed by ANALABS, Welshpool W.A. (the same laboratory has carried out all trace element lithogeochemical analyses to date) for Ti, Zr, V, Nb, Rb, Y, Ba, Sr, Sn, Cr and P using XRF and Ni and Co by AAS. This suite matches that analysed for the two batches submitted in the 1998/99 year except that P was not included in the suite analysed for the first of these two batches. Following some encouraging results from P analyses in discriminating quartz sandstone (see below) pulps from 1998/99's first batch were reassayed for P, again using Welshpool W.A. and the XRF method.

Samples were collected from the following areas and geological units:

Corn Hill Beds quartz sandstone

Four samples of a dark grey quartz sandstone apparently lying at or near the base of the Corn Hill Beds were submitted. 2 of these (216119 and 216120) were collected from subcrop at the western end of the Powerline Track (see plate 1) with 2 more (216105 and 216108) collected from subcrop to the south of Rookery Road, all 4 from EL 20/94. At the same time, Beaconsfield Gold NL collected 20 samples from its adjacent "Winkleigh" licence EL 19/97 with 13 from subcrop (samples have the prefix WG-) and 7 from drill core (WDH2-22, WDH2-41, WDH2-48, WDH2-55, WDH2-56, WDH2-62 and WDH2-64). These samples were submitted to the same Analabs laboratory for the same analyses and the results were made available to the author for the purposes of correlation (Ken Morrison pers. Com.).

Corn Hill Beds argillaceous rocks

A further 5 samples (216149 to 216154) were collected from the Bulls Road area from rocks known to contain Pragian fossils (Hills, 1982). Another 1 sample (216145b) was collected from the tiphead of the old Derwent adit, 1 sample (216151) from towards the western end of the Powerline West grid. 2 more samples (216158 and 216159) were taken from DDH B49 and 1 more (216157) from DDH B48 from the area of the mill site in 1669P/M.

Salisbury Hill shaft

Another 1 sample of black shale (216146) was taken from the mullock heap around the shaft near the junction between Salisbury Hill Road and the Powerline Track.

Cambrian sandstones West Tamar Highway

3 more samples (216162, 216163 and 216164) of quartzwacke sandstone known to contain Cambrian trilobite bearing fossils (Green, 1959) were collected from outcrop just west of the West Tamar Highway.

Cambrian siltstones Middle Arm Creek

2 more samples (216160 and 216161) of siltstone from were collected from outcrop on the northern bank of Middle Arm Creek. In addition two samples collected in 1997/98 (216138, 216139) were reassayed as check samples.

Collins Lane

5 samples (216147, 216148, 216155, 216156 and 216169) of dark grey shaley siltstone were collected from subcrop to the north of Collins Lane near the West Tamar Highway (see plate 7).

West of Peaked Hill

A number of samples of sandstone, shaley siltstone and chert were collected from rocks outcropping and intersected in drilling to the west

of Peaked Hill. 2 samples of sandstone (216165 and 216166), 3 samples of shaley siltstone (216139, 216143 and 216144) 1 sample of dark grey chert (216141) were collected from outcrop on the western slopes of Peaked Hill in an area shown on Gee and Legge (1971) as Cambrian. 2 more sandstone samples (216167 and 216168) were collected from subcrop on the north trending ridge (hereby referred to as Hinds Hill) to the immediate west of the Holwell Road. These latter sandstones are in contact with the Andersons Creek Ultramafic Complex to the west.

DDH "Scott's Hill 1" on Dan's Hill

2 samples of quartz sandstone (216171 and 216172) were taken from DDH Scott's Hill 1. 1 sample (216170) was taken from dark cherty material immediately adjacent (i.e. up hole) to the contact with the Anderson's Creek Ultramafic Complex.

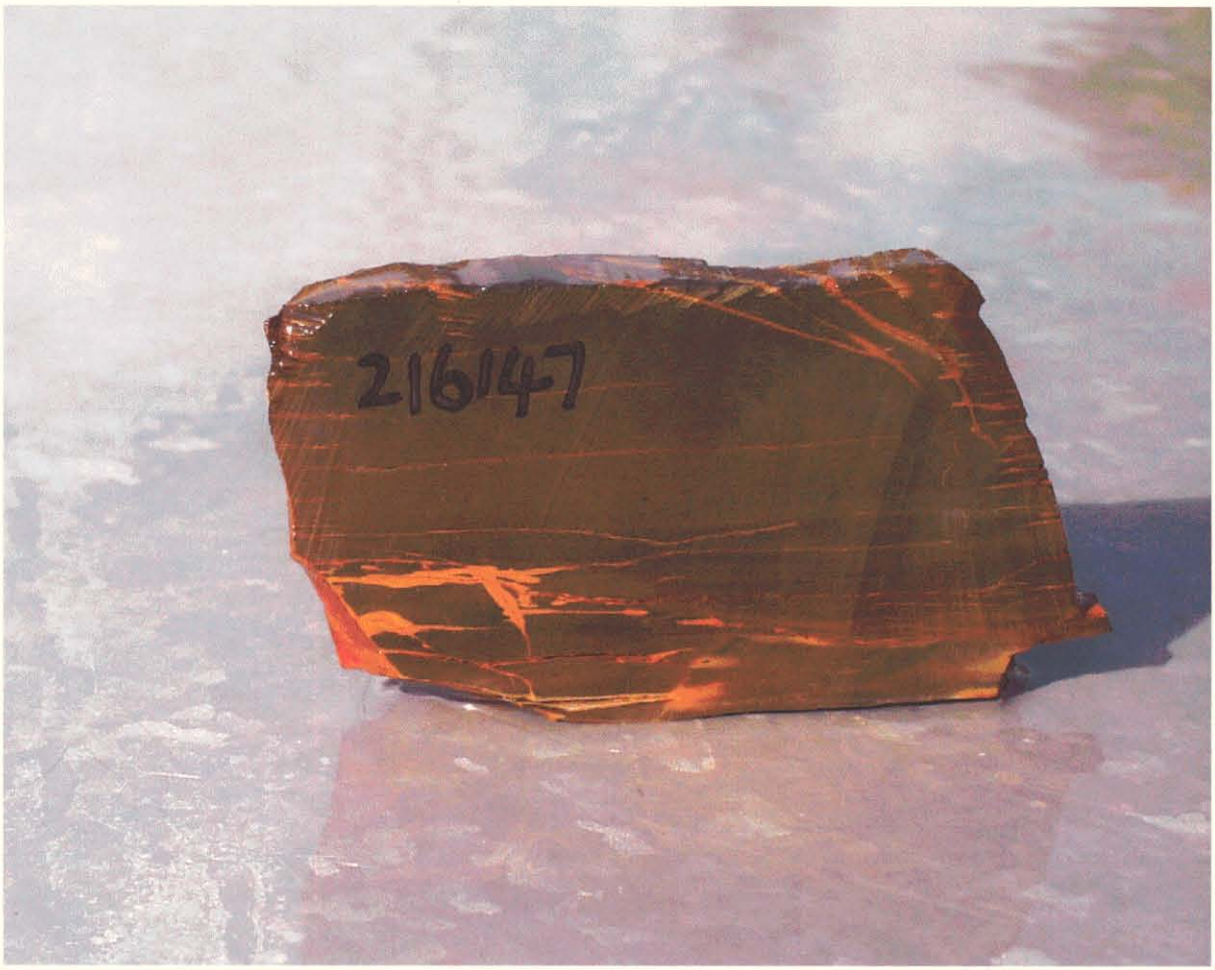

Plate 7. Collins Lane shaley siltstone.

6.6.2 Discussion

The trace element analyses are summarised in Table 1 with a full listing in appendix 2 and result sheets in appendix 4.

A primary focus of the 1997/98 years sampling was to aid in correlating the finer grained rocks west of Cabbage Tree Hill, i.e. on Leviathan

Table 1: Summary of Trace Element Lithogeochemical Analyses

Lithological unit		Ti	Zr	Nb	Rb	Y	Ba	Sr	Sn	V	Ni	Cr	Co	P
Sandstones														
Cambrian Blyth's Ck. Fm., Cobblestone Ck slice	mean	4225.4	301.8	12.0	60.0	28.0	280.8	9.6	4.8	127.4	172.6	915.2	28.2	487.0
(n = 5)	std. dvn.	415.5	104.0	1.4	21.0	6.6	140.3	0.5	1.3	48.8	58.0	501.9	12.4	95.2
Western slope Peaked Hill, Peaked Hill slice	mean	2815.0	476.0	10.0	85.5	21.0	795.0	17.5	1.5	64.5	5.5	139.0	0.0	90.0
(n = 2)	std. dvn.	91.9	41.0	0.0	3.5	2.8	7.1	3.5	2.1	2.1	0.7	93.3	0.0	11.3
Hinds Hill', Pkd. Hill slice	mean	1315.0	148.0	2.5	18.0	9.0	44.5	2.5	0.0	29.0	26.5	230.5	0.0	59.0
(n = 2)	std. dvn.	388.9	70.7	3.5	2.8	1.4	17.7	3.5	0.0	7.1	23.3	143.5	0.0	38.2
Corn Hill Beds quartz sst, Peaked Hill slice	mean	2022.1	339.3	8.3	41.0	51.2	212.9	90.0	2.1	33.6	10.2	218.3	3.1	3450.8
(n = 19)	std. dvn.	399.3	110.0	2.3	17.0	24.8	106.1	46.8	2.3	16.5	5.9	196.6	2.9	2795.7
Corn Hill Beds quartzwacke sst, Peaked Hill slice	mean	2655.0	400.3	9.0	63.5	35.0	295.5	35.8	2.3	48.5	16.8	82.8	4.3	1061.3
(n = 6)	std. dvn.	466.4	66.5	1.6	17.1	6.9	85.6	20.5	2.9	18.1	9.1	120.3	8.5	937.6
DDH SH1 Dans Hill, Peaked Hill slice	mean	2944.0	556.5	11.5	73.0	30.0	321.5	44.0	5.5	49.0	17.0	293.0	9.0	916.0
(n = 2)	std. dvn.	506.3	210.0	2.1	35.4	2.8	84.1	28.3	2.1	21.2	12.7	257.4	1.4	1023.9
Eaglehawk Gully Fm. ssts, Cabbage Tree Hill slice	mean	2709.2	211.8	6.9	55.6	22.9	131.8	53.6	3.3	47.0	13.3	137.5	6.5	365.6
(n = 26)	std. dvn.	928.4	77.3	3.4	26.0	6.8	53.9	39.2	2.3	18.5	6.5	105.3	5.6	71.4
Salisbury Hill Fm. Ssts, Cabbage Tree Hill slice	mean	2551.6	224.1	6.1	48.0	19.1	138.8	34.5	2.5	41.6	17.0	283.0	7.4	175.0
(n = 10)	std. dvn.	768.5	50.5	3.1	24.7	7.9	46.3	20.6	2.1	14.0	8.2	167.6	5.2	78.9
Siltstones and slates														
Cambrian Blyth's Ck. Fm., Cobblestone Ck. Slice	mean	4325.9	194.3	15.9	155.9	31.0	890.9	14.0	5.7	133.0	124.3	147.6	20.1	293.9
(n = 7)	std. dvn.	241.4	11.2	1.2	15.8	2.6	1160.7	4.5	1.4	13.6	47.9	37.3	10.7	59.3
Western slope Peaked Hill, Peaked Hill slice	mean	5866.7	134.7	12.3	112.3	19.7	495.0	10.3	3.3	179.3	3.3	161.3	0.0	71.0
(n = 3)	std. dvn.	1585.1	16.0	4.0	15.0	2.3	70.5	9.0	0.6	36.6	2.9	54.4	0.0	29.5
Corn Hill Beds, Peaked Hill slice	mean	4008.3	228.2	17.2	187.2	34.3	1529.3	42.1	6.0	107.8	31.3	87.8	10.4	357.6
(n = 34)	std. dvn.	513.6	56.3	8.0	45.3	8.4	1355.8	73.8	1.5	26.9	14.1	12.4	5.9	155.1
Collins Lane shales	mean	4128.0	161.2	16.2	209.4	32.2	730.0	19.0	7.0	122.4	15.0	94.6	4.8	236.0
(n = 5)	std. dvn.	163.9	11.5	1.5	22.3	1.3	296.5	3.4	1.0	27.8	6.9	9.2	2.8	336.3
DDH S5, Cobblestone Ck. Slice	mean	3300.3	180.0	14.0	186.7	30.0	1222.7	38.7	6.7	93.3	96.7	105.3	19.7	272.7
(n = 3)	std. dvn.	557.7	11.5	3.0	22.9	3.5	776.8	12.9	2.9	11.8	28.4	13.6	6.4	25.4
Grubb Shale	mean	4231.2	218.0	14.2	192.2	39.2	1277.5	73.3	6.5	119.7	49.5	133.8	11.0	462.7
(n = 6)	std. dvn.	311.5	35.5	2.6	33.1	3.5	527.3	65.6	2.3	15.2	18.4	52.7	5.1	91.1
Salisbury Hill shaft	mean	4199.5	214.0	17.5	239.5	36.5	1630.5	21.5	6.0	137.5	25.5	81.5	6.5	147.5
(n = 2)	std. dvn.	170.4	2.8	2.1	6.4	2.1	0.7	0.7	0.0	10.6	9.2	4.9	9.2	60.1

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Hill, Daakes Hill and underlying Tertiary gravels at the mill site, with the Corn Hill Beds which lie along strike.

There is sufficient geological evidence, apart for lithogeochemistry, to consider this correlation to be valid. To this end rocks outcropping at each of these localities as well as the larger area of outcrop from the western end of the Powerline Track south to Rookery Road and beyond are included in the Corn Hill Beds set of data.

Mapping this year defined a number of geological problems which lithogeochemistry may aid in resolving.

The contact between the Corn Hill Beds and underlying Flowery Gully Limestone on the western end of the Powerline Track does not appear to be faulted. The rocks immediately overlying the limestone, possibly unconformably, include massive dark grey quartz sandstones and poorly sorted gritty coarse grained sandstones similar macroscopically to the Salisbury Hill Formation rocks in the vicinity of the Beaconsfield Gold Mine. Beaconsfield Gold NL's DDH to the south on its "Winkleigh" licence intersected these sandstones interbedded with a number of broad intervals of flasar bedded dark grey slates (Morrison, 1999). These latter rocks are very similar in appearance with the Grubb Shale, which occupies a similar stratigraphic position with respect to the Flowery Gully Limestone correlate in the Cabbage Tree Hill slice, as the basal Corn Hill Beds.

Mapping on the Powerline East/Wings West grid argues for the dark grey slates intersected in DDH S5 to be from the Blyth's Creek Formation in the lower part of the Cobblestone Creek slice. If so these rocks would lie along strike from similar rocks outcropping on the north bank of Middle Arm Creek just west of the West Tamar Highway. Black shales collected from mullock around the shaft on the corner of the Powerline Track and Salisbury Hill Road may also be from Blyth's Creek Formation in the Cobblestone Creek slice. Alternatively these shales may be from a finer grained unit in the upper part of the Cabbage Tree Hill slice, i.e. either correlates of the Grubb Shale or perhaps a facies equivalent of the Flowery Gully Limestone.

Shaley siltstones outcropping poorly to the north of Collins Lane present a similar problem to the Salisbury Hill shaft shales except that the Collins Lane shales may be correlates of the Grubb Shale, or possibly the Flowery Gully Limestone, but in the Cobblestone Creek slice.

Lastly the stratigraphic position of the sandstones and siltstones outcropping on the western flanks of Peaked Hill, sandstones on Hinds Hill in contact with the Anderson's Creek Ultramafic Complex, and sandstones intersected in DDH SH1 on Dan's Hill is not certain although a Blyth's Creek Formation correlation appears likely.

Mean and standard deviations for each set of data for both sandstones and siltstones, the latter encompassing the finer grained rocks, are summarised in Table 1.

A number of initial comments may be made.

The fossiliferous (trilobite) quartzwacke sandstones outcropping to the west of the West Tamar Highway and included in the Blyth's Creek Formation from the Cobblestone Creek slice have elevated Cr, Ni, Co, V and to a lesser degree Ti with respect to all other sandstones. These elements are associated with a mafic provenance and this may be explained by the fact that the sandstone samples come from rocks outcropping near to outcrop of the West Tamar Highway basaltic andesite, considered to be intercalated with these sandstones.

All other sandstones show similar lower levels of these elements, including the sandstones from Hinds Hill and DDH SH1 which are both taken from close to the contact with the Anderson's Creek Ultramafic Complex.

The spread of Zr, Sn, Rb and arguably Ba and Nb values is similar between each set of sandstones, particularly when the small sample set of Hinds Hill, SH1 and western Peaked Hill sandstones are considered.

However, it is the levels of the elements P, Y and perhaps Sr, which are much more interesting.

The massive quartz sandstones at (or very near to) the base of the Corn Hill Beds contain high levels of P and Y with respect to all other sandstones. This is the case for samples both from outcrop and drill core indicating that surficial processes are not primarily responsible for this. One sample from this set assayed 1.24% P though most samples contain greater than 1000 ppm P. Y values while perhaps not as markedly elevated as P also distinguish the basal Corn Hill Beds sandstones from all other sandstones.

Sr levels are elevated in the both sets of sandstones from the Corn Hill Beds and the Eaglehawk Gully and Salisbury Hill Formations with respect to the other sandstone groupings. These latter sandstones characterised by low Sr are all interpreted to be from the older Blyth's Creek Formation; however, sample populations in the latter sets are small.

It must be noted that sandstones from further east in the Corn Hill Beds and most likely stratigraphically higher than the basal sandstones contain much lower levels of P and Y. These latter sandstones are quite different to the basal sandstones being more immature quartzwackes.

The mapped trend of the basal sandstones of the Corn Hill Beds corresponds to base metal and arsenic anomalism defined by the soil sampling programme on both the western end of the Powerline Track and on the Rookery Road grid. Beaconsfield Gold NL's DDH targeted anomalous arsenic in soils and the massive sandstones intersected contain high levels of arsenic (Morrison, 1999).

If these anomalous levels of P and Y are primary the source is likely to be detrital apatite and monazite respectively. An alternative explanation is suggested by the dark grey carbonaceous nature of the sandstones

and their position overlying the Flowery Gully Limestone. Upward moving basinal brines in equilibrium with this limestone and carrying base metals and arsenic, phosphorous and yttrium may reacted with the relatively reduced sandstone dropping out these elements. This model requires further detailing, however, it may raise the prospectivity of these rocks for a base metal deposit and arguably also gold mineralisation.

Finer grained rocks from the Corn Hill Beds also contain moderately elevated P with respect to other siltstones other than the Grubb Shale, which has a similar range (ignoring a single elevated result from the Collins Lane shales). The range of Y values, however, is similar between all sets of finer grained rocks.

Similar ranges of values between the finer grained rocks are seen for Sn and Nb.

The Corn Hill Beds siltstones contain higher levels of Zr with respect to the other fine grained rocks with perhaps only the Grubb Shale showing a similar range. Relatively elevated Ba values characterise some Corn Hill Beds siltstones though most are similar to the other finer grained rocks.

The mafic indicator elements Ni and Co have slightly elevated values in the Middle Arm Creek slates and siltstones with the shaley siltstones from DDH S5 having the closest range providing some support to the correlation suggested earlier. In both cases the Salisbury Hill shaft shales have quite low levels, being more akin to the Grubb Shale, Corn Hill Beds and Collins Lane shales and siltstones. The two samples from the western slopes of Peaked Hill correlate better with the latter sets than the Blyth's Creek Formation rocks to which these have been correlated on figure 3.

Ranges of V and Cr are similar between the sets and are inconclusive. Sr values are elevated in the Corn Hill Beds, Grubb Shale and also DDH S5 with respect to other finer grained rocks. Similar ranges are seen for Rb and Ti between all finer grained rocks except for the shaley siltstones from the western slopes of Peaked Hill, which are relatively enriched in Ti and relatively depleted in Rb.

The lithogeochemical data provides tantalising support for some interpreted correlation's yet other elements contradict these. For example the dark grey shaley siltstones in DDH S5 can be correlated with the Middle Arm Creek slates and siltstones, the geologically most favourable interpretation, on the basis of Ni and Co yet Sr values are more similar to the Corn Hill Beds and Grubb Shale.

Blyth's Creek Formation sandstones from Cobblestone Creek contain elevated Ni, Cr, Co and V yet sandstones from an apparently similar position on Hinds Hill and in DDH SH1 have low levels for these elements.

The markedly elevated P and Y in the basal Corn Hill Beds sandstones is perhaps the most significant discovery to be made from this work.

Further sampling is certainly justified. In particular the sandstones outcropping in the accessible part of the South Powerline Adit and quartz sandstones from Bulls Road along the section mapped as part of the Cabbage Tree Hill slice warrant study. Further analytical work in the form of petrology and perhaps XRD is required to determine the mineralogy of the P, Y, base metal and arsenic anomalous sandstone at the base of the Corn Hill Beds.

7.0 EXPENDITURE

7.1 1998-99 EXPENDITURE

Contractors	$27,414
Assaying	$59,349
Exploration Geologist	$43,868
Drafting	$1,135
Consumables	$4,935
Management	$5,365
Labour	$10,904
Total	***$152,970***

7.2 FUTURE EXPENDITURE

As stated elsewhere in the report work during the next year will focus on completing detailed geological investigations of the remaining area of the Licence to complete grid based mapping and sampling undertaken during 1998/99. A percussion drilling programme is currently scheduled to commence around the historical Salisbury workings in June 2000. A budget of $220,000 has been allocated for work on EL 20/94 in the coming year.

8.0 PROPOSED EXPLORATION

Exploration in the coming year will focus on completing the coverage of gridding, soil sampling and mapping over the remainder, more prospective part of the licence. This will initially involve sampling the Salisbury Hill ground magnetics grid with further new gridding and soil sampling over the summer period.

Other work warranted is the detailed interpretation of the existing aeromagnetics data set. A set of enhanced images already exists and there is sufficient character in these for prospective structures to be recognised, particularly in the light of the improved geological understanding of the area.

More detailed infill soil sampling is warranted around soil anomalies generated the on the Salisbury Hill Road grid and Powerline West grid around the Derwent Adit old workings as well as the western end of the grid where it crosses the basal Corn Hill Beds sandstone.

It is expected that this work will define drill targets to be tested in the following year once a reasonable cash flow has been generated from the mine.

Drill targets already exist at the Wings West North and South prospects and the Salisbury Hill Prospect. The Johnson Creek Fault Zone is a prime target which should be tested by a number of diamond drill holes as well as angled overlapping RC holes.

Finally, a programme of overlapping drill holes along the eastern slopes of Salisbury and Cabbage Tree Hills targeting northeast striking sub-vertical reefs in the lower part of the Eaglehawk Gully Formation is planned to commence in June 2000.

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APPENDIX 1

SOIL SAMPLE LEDGER

Appendix 1: Soil sample ledger

1998/99 Gridded programme

Sample Number	Area/baseline	AMG Northing	AMG Easting	Grid North(mN)	Grid East(mE)	Sample Depth	Au	Au(R)	Au (ave)	As	Cu	Pb	Zn	Chips Description - abbreviated (G MacDonald)	Interpreted Geology
213700	Pine E/W W	6483622.8	487870.15	13850	10900	0.5	<1	-	<1	<1	2	11	9	v f gy (pod) qtz ast (qtzite) wy ferrug	OCTsst
213701	Pine E/W W	6483669.3	487844.09	13900	10900	1.1	<1	-	<1	3	4	6	7	gy sltstn ast (qtzite) after ds blue gy ast wy ferrug	OCTsst
213702	Pine E/W W	6483606.6	487819.09	13950	10900	0.8	13	13	13	5	4	12	8	dk yelsh org sst (qtzite) vn lrgas	OCTsst
213703	Pine E/W W	6483651.7	487749.09	14000	10900	0.8	<1	-	<1	2	4	16	9	no rock but milky qtz vn lrgas	?
213704	Pine E/W W	6483666.2	487789.09	14050	10900	0.9	<1	-	<1	1	6	14	9	mod yelsh bn cy (not cov in situ)	?
213705	Pine E/W W	6483758.61	487744.09	14100	10900	1	<1	<1	<1	1	5	6	<2	v lt gy (qtz) sst	OCTsst
213706	Pine E/W W	6483781.81	487719.09	14150	10900	0.9	<1	-	<1	<1	3	4	2	dk yelsh org sst (poss in situ)	OCTsst
213707	Pine E/W W	6483625.11	487694.09	14200	10900	0.9	<1	-	<1	<1	3	6	5	dk yelsh org sst	OCTsst
213708	Pine E/W W	6483685.41	487669.09	14250	10900	0.8	<1	<1	<1	<1	3	5	4	dk yelsh org sst	OCTsst
213709	Pine E/W W	6483911.71	487644.09	14300	10900	0.8	<1	-	<1	3	4	3	4	dk yelsh org sst (prob in situ)	OCTsst
213710	Pine E/W W	6483955.02	487619.09	14350	10900	0.8	<1	-	<1	<1	3	4	3	dk yelsh brn cy (pod clov in situ)	OCTsst
213711	Pine E/W W	6483998.32	487594.09	14400	10900	0.7	<1	-	<1	1	3	9	5	rock clcose pebbles in qtyish org cy	Perm lag
213712	Pine E/W W	6483641.62	487569.09	14450	10900	0.7	<1	-	<1	2	3	15	4	fine (<1 mm) rcld grit in dk yelsh org cy	OCTsst
213713	Pine E/W W	6483684.92	487544.09	14500	10900	0.8	<1	-	<1	4	4	5	5	dk yelsh org cy & poss fine rcld grit	OCTsst
213714	Pine E/W W	6484228.22	487516.09	14550	10900	0.7	<1	-	<1	4	2	5	5	dk yelsh org cy vn f gy qtz & plant material	OCTsst
213715	Pine E/W W	6484171.52	487464.09	14600	10900	0.9	<1	-	<1	3	4	9	6	dk yelsh org cy vn grit	OCTsst
213716	Pine E/W W	6483342.09	487557.49	13700	10850	0.8	8	-	8	1	3	22	9	dk yelsh org cy vn qtz ast	OCTsst
213717	Pine E/W W	6483355.85	487532.49	13750	10850	0.8	5	5	5	7	4	9	5	dk yelsh org cy vn qtz ast	OCTsst
213718	Pine E/W W	6483428.7	487607.49	13800	10850	1.1	2	-	2	4	3	4	9	dk yelsh org cy vn qtz ast	OCTsst
213719	Pine E/W W	6483423	487782.49	13950	10850	0.7	12	11	12	2	6	<3	19	dk yelsh org cy vn qtz ast & spple green Cr str/n	OCTsst
213720	Pine E/W W	6483515.3	487757.49	13900	10850	0.7	7	4	6	12	6	<3	18	dk yelsh org cy vn grit	OCTsst
213721	Pine E/W W	6483558.6	487732.49	13850	10850	0.8	2	-	2	11	4	5	8	dk yelsh org cy vn grit	OCTsst
213722	Pine E/W W	6483601.9	487707.49	13800	10850	0.5	<1	-	<1	2	4	6	4	ang ferrug qtz vn frags & grit	OCTsst
213723	Pine E/W W	6483645.21	487682.49	13750	10850	0.7	<1	-	<1	1	4	3	<2	v p gy fcld friable sst	OCTsst
213724	Pine E/W W	6483688.51	487657.49	13700	10850	0.6	<1	-	<1	2	4	3	<2	v p gy fcld friable sst	OCTsst
213725	Pine E/W W	6483729.17	487606.83	13650	10850	0.6	<1	-	<1	3	2	<3	3	v p gy fcld friable sst	OCTsst
213726	Pine E/W W	6483772.47	487870.83	13100	10700	0.9	<1	-	<1	5	4	7	12	qtrish gry cy w scene plant material	OCTsst
213727	Pine E/W W	6483815.76	487845.83	13150	10700	0.9	<1	-	<1	6	3	5	7	v f gy gy fcld qtz sst (qtzite)	OCTsst
213728	Pine E/W W	6483869.08	487820.83	13200	10700	0.6	4	-	4	11	2	7	12	dk yelsh org sst	OCTsst
213729	Pine E/W W	6483902.38	487795.83	13250	10700	0.7	16	16	16	54	5	16	14	dk yelsh org cy vn grit	OCTsst
213730	Pine E/W W	6483945.68	487970.83	13000	10700	0.7	3	-	3	8	2	3	12	dk yelsh org cy	OCTsst
213731	Pine E/W W	6483988.98	487945.83	13050	10700	0.5	<1	-	<1	3	3	<3	9	lt gy fcld qtz sst (qtzite)	OCTsst
213732	Pine E/W W	6483931.52	487920.83	13100	10700	0.7	3	-	3	18	7	26	34	dk yelsh org cy	OCTsst
213733	Pine E/W W	6483975.51	487895.83	13150	10700	0.8	<1	-	<1	5	5	22	28	brnish gy cy	OCTsst
213734	Pine E/W W	6483918.89	487870.83	13200	10700	0.8	2	-	2	12	5	19	14	mod bn cy w vn qtz frags	OCTsst
213735	Pine E/W W	6483962.19	487845.83	13250	10700	0.8	<1	-	<1	11	4	12	11	mod bn cy w wed sst	OCTsst
213736	Pine E/W W	6483905.49	487820.83	13300	10700	0.7	<1	-	<1	7	4	11	10	mod bn cy w wed sst	OCTsst
213737	Pine E/W W	6483948.79	487795.83	13350	10700	0.6	3	-	3	8	3	13	15	lt yelsh bn sltstn	OCTsst
213738	Pine E/W W	6483892.09	487770.83	13400	10700	0.6	17	12	15	8	4	26	16	lt yelsh bn cy w vgd qtz frags	OCTsst
213739	Pine E/W W	6483935.39	487745.83	13450	10700	0.5	2	-	2	17	5	14	16	p yelsh bn cy w plant frags	OCTsst
213740	Pine E/W W	6483978.7	487720.83	13500	10700	1.1	<1	-	<1	4	3	7	9	dk yelsh org cy wt vn frags	OCTsst
213741	Pine E/W W	6483922.31	487695.83	13550	10700	0.7	<1	-	<1	6	4	6	8	dk yelsh org sst wt vn frags	OCTsst
213742	Pine E/W W	6483965.3	487670.83	13600	10700	0.8	<1	-	<1	6	4	13	8	dk yelsh org sst wt vn frags	OCTsst
213743	Pine E/W W	6483908.6	487645.83	13650	10700	0.8	<1	-	<1	4	3	7	9	dk yelsh org sst wt vn frags	OCTsst
213744	Pine E/W W	6483951.91	487620.83	13700	10700	0.8	<1	-	<1	5	2	6	<2	v f gy fcld sst	OCTsst
213745	Pine E/W W	6483995.21	487595.83	13750	10700	0.8	<1	-	<1	2	<2	<3	6	v f gy fcld sst	OCTsst
213746	Pine E/W W	6483938.51	487570.83	13800	10700	0.8	<1	-	<1	3	3	23	15	p yelsh bn cy after slt (hnd foliated)	OCTsst
213747	Pine E/W W	6483981.81	487545.83	13850	10700	0.9	<1	<1	<1	3	3	17	20	p yelsh bn cy after slt (hnd foliated)	OCTsst
213748	Pine E/W W	6483925.11	487520.83	13900	10700	0.9	<1	-	<1	3	3	18	12	p yelsh bn sltstn/slt w Cr stain	OCTsst
213749	Pine E/W W	6483968.41	487495.83	13950	10700	0.9	<1	-	<1	11	4	9	16	qtzish org cy	OCTsst
213750	Pine E/W W	6483911.72	487470.83	14000	10700	0.8	<1	-	<1	8	5	12	5	lt bn cy w ang qtz frags	OCTsst
213751	Pine E/W W	6483955.02	487445.83	14050	10700	0.4	<1	-	<1	13	19	18	57	dk yelsh org sst	OCTsst
213752	Pine E/W W	6483998.32	487420.83	14100	10700	0.6	<1	-	<1	11	5	9	7	dk yelsh org cy	OCTsst
213753	Pine E/W W	6483636.87	488034.28	13000	10650	0.7	<1	-	<1	4	4	12	12	p yelsh bn cy w trm silty texture	OCTsst
213754	Pine E/W W	6483679.17	488003.28	13050	10650	0.7	<1	-	<1	10	7	13	20	p yelsh bn cy w trm silty texture	OCTsst
213755	Pine E/W W	6483722.47	487984.28	13100	10650	0.6	<1	<1	<1	11	4	16	6	p yelsh bn cy w trm silty texture	OCTsst
213756	Pine E/W W	6483765.78	487959.28	13150	10650	0.6	<1	-	<1	11	4	19	8	dk yelsh org cy around wdy qtz & rldd pebbles	OCTsst
213757	Pine E/W W	6483808.08	487934.28	13200	10650	0.7	<1	-	<1	16	4	14	9	p yelsh brn cy w fc grit	OCTsst
213758	Pine E/W W	6483852.38	487909.28	13250	10650	0.7	<1	-	<1	8	5	21	21	v p org cy	OCTsst
213759	Pine E/W W	6483895.69	487884.28	13300	10650	0.7	<1	-	<1	6	5	12	13	p yelsh bn cy w fc grit	OCTsst
213760	Pine E/W W	6483938.96	487859.28	13350	10650	0.5	<1	-	<1	2	3	9	2	p yelsh bn cy & qtz sst	OCTsst
213761	Pine E/W W	6483982.26	487834.28	13400	10650	1.1	<1	-	<1	7	4	11	10	v p org qtz sst	OCTsst
213762	Pine E/W W	6483925.59	487809.28	13450	10650	0.6	<1	-	<1	19	5	9	16	v p org wed sst	OCTsst
213763	Pine E/W W	6483968.89	487784.28	13500	10650	0.5	<1	-	<1	8	3	9	5	v p org wed sst	OCTsst
213764	Pine E/W W	6483912.19	487759.28	13550	10650	0.8	<1	-	<1	8	5	12	5	v p org wed sst	OCTsst
213765	Pine E/W W	6483955.49	487734.28	13600	10650	0.6	<1	-	<1	23	16	51	17	lt bn cy w ang qtz frags	OCTsst
213766	Pine E/W W	6483198.79	487709.28	13650	10650	0.6	2	-	2	4	12	32	18	lt gnish gy foliated slt	OCTsst
213767	Pine E/W W	6483242.09	487684.28	13700	10650	0.8	<1	-	<1	23	6	15	9	qtzish org sst	OCTsst
213768	Pine E/W W	6483285.4	487659.28	13750	10650	0.8	<1	-	<1	4	5	9	8	dk yelsh org cy	OCTsst
213769	Pine E/W W	6483328.7	487634.28	13800	10650	0.7	<1	-	<1	4	4	5	6	ang frags dk yelsh org sst & sm vn qtz & rldd pebbles	OCTsst
213770	Pine E/W W	6483372	487609.28	13850	10650	0.7	<1	-	<1	11	5	9	7	mod bn fg sst	OCTsst
213771	Pine E/W W	6483415.3	487584.28	13900	10650	0.7	<1	-	<1	20	4	23	11	mod bn fg sst	OCTsst
213772	Pine E/W W	6483458.6	487559.28	13950	10650	0.7	<1	-	<1	6	4	19	7	gybh org sst	OCTsst
213773	Pine E/W W	6483501.9	487534.28	14000	10650	0.7	<1	<1	<1	10	31	18	18	v p org cy	OCTsst
213774	Pine E/W W	6483546.21	487509.28	14050	10650	1	<1	-	<1	2	6	20	11	v p org sst w Cr epots	OCTsst
213775	Pine E/W W	6483589.51	487484.28	14100	10650	0.8	<1	-	<1	3	4	10	8	qtrish org sst	OCTsst
213776	Pine E/W W	6483633.81	487459.28	14150	10650	1.2	4	2	3	8	19	10	11	v p org foliated slt	OCTsst
213777	Pine E/W W	6483675.11	487434.28	14200	10650	0.7	<1	-	<1	9	51	11	18	v p org cy similar to 213768 but no foliation	OCTsst
213778	Pine E/W W	6483718.41	487409.28	14250	10650	0.8	2	2	2	6	30	9	30	v p org cy similar to 213768 but no foliation	OCTsst
213779	Pine E/W W	6483761.71	487384.28	14300	10650	1.1	3	2	3	5	19	31	18	v p org foliated slt w foliation	OCTsst
213780	Pine E/W W	6483285.87	487847.65	13000	10500	0.8	<1	-	<1	7	7	17	30	v p org sst	OCTsst
213781	Pine E/W W	6483329.17	487822.65	13050	10500	0.8	<1	-	<1	7	7	26	16	v p org wed sst	OCTsst
213782	Pine E/W W	6483372.47	487797.65	13100	10500	0.7	<1	-	<1	11	6	11	19	mott brnish gy cy	OCTsst
213783	Pine E/W W	6483715.78	487672.65	13150	10500	0.7	<1	-	<1	5	7	12	18	gybh org sst w/ cher st	OCTsst
213784	Pine E/W W	6483758.09	487647.65	13200	10500	0.7	<1	<1	<1	3	5	13	18	lt brnish gy cy	OCTsst
213785	Pine E/W W	6483802.39	487622.65	13250	10500	0.7	<1	-	<1	4	6	14	20	brnish gy cy	OCTsst
213786	Pine E/W W	6483845.69	487597.65	13300	10500	0.7	<1	-	<1	6	5	11	32	brnish gy cy	OCTsst
213787	Pine E/W W	6483888.99	487572.65	13350	10500	1.1	<1	-	<1	6	6	10	21	v p org cy	OCTsst
213788	Pine E/W W	6483932.29	487797.69	13400	10500	0.7	<1	-	<1	4	4	30	15	v p org cy after slt w mm vn qtz	OCTsst
213789	Pine E/W W	6483975.59	487722.65	13450	10500	0.6	<1	-	<1	2	4	9	11	v p org cy w grit frags	OCTsst
213790	Pine E/W W	6483918.9	487697.65	13500	10500	0.6	<1	-	<1	9	12	18	27	v p org cy w rldd qtz pebbles	OCTsst
213791	Pine E/W W	6483962.19	487672.65	13550	10500	0.6	<1	<1	<1	8	5	16	8	p yelsh bn cy	OCTsst
213792	Pine E/W W	6483905.49	487647.65	13600	10500	0.6	<1	-	<1	10	22	9	14	dk yelsh org sst	OCTsst
213793	Pine E/W W	6483748.79	487622.65	13650	10500	0.6	<1	-	<1	4	4	7	2	v gy qtz ddrite pebbles	OCTsst
213794	Pine E/W W	6483792.09	487597.65	13700	10500	0.6	<1	-	<1	6	4	14	17	gybh org cy w mm gritty frags	OCTsst
213795	Pine E/W W	6483735.4	487572.65	13750	10500	0.6	<1	-	<1	10	18	24	25	dk yelsh org sst/slt/ss	OCTsst
213796	Pine E/W W	6483778.7	487547.65	13800	10500	0.6	<1	-	<1	4	11	22	24	dk yelsh org cy	OCTsst
213797	Pine E/W W	6483822	487522.65	13850	10500	0.6	<1	-	<1	3	12	19	12	dk yelsh org cy w pebbles inc hmt cong	OCTsst
213798	Pine E/W W	6483365.3	487497.65	13900	10500	0.6	<1	<1	<1	14	28	20	63	gybh org cy & poss sst	OCTsst
213799	Pine E/W W	6483408.6	487472.65	13950	10500	0.6	<1	-	<1	3	19	12	50	gybh org cy/ sst & qtz frags	OCTsst
213800	Pine E/W W	6483451.9	487447.65	14000	10500	0.6	<1	-	<1	4	16	19	17	gybh org cy & poss sst	OCTsst
213801	Pine E/W W	6483494.21	487422.65	14050	10500	0.6	<1	<1	<1	5	5	8	3	v p org sst w Cr epots	OCTsst
213802	Pine E/W W	6483536.51	487397.65	14100	10500	0.5	<1	-	<1	4	5	8	5	p yelsh org cy w mm gritty frags	OCTsst
213803	Pine E/W W	6483581.81	487372.65	14150	10500	0.6	<1	-	<1	1	13	20	20	dk yelsh org slt w org qtz frags	OCTsst
213804	Pine E/W W	6483624.1	487347.65	14200	10500	0.7	<1	-	<1	5	11	9	13	p yelsh org cy	OCTsst
213805	Pine E/W W	6483966.78	487788.07	13150	10400	0.8	<1	-	<1	9	9	20	20	mott brish gy cy	OCTsst
213806	Pine E/W W	6483709.08	487791.07	13200	10400	0.8	<1	-	<1	9	10	12	24	mott p yelsh org cy	OCTsst
213807	Pine E/W W	6483752.38	487735.07	13250	10400	0.8	<1	-	<1	3	5	11	20	mott v p org cy	OCTsst
213808	Pine E/W W	6483795.69	487711.07	13300	10400	0.8	<1	-	<1	1	10	13	25	mott gybh org cy	OCTsst
213809	Pine E/W W	6483838.98	487686.07	13350	10400	0.9	<1	-	<1	14	10	15	32	yelsh gy cy	OCTsst
213810	Pine E/W W	6483882.28	487661.07	13400	10400	0.8	<1	-	<1	4	7	23	22	p yelsh org cy	OCTsst
213811	Pine E/W W	6482025.59	487636.07	13450	10400	0.8	<1	-	<1	<1	4	9	19	p yelsh bn cy wst w vn qtz frags	OCTsst
213812	Pine E/W W	6483968.89	487611.07	13500	10400	0.9	<1	-	<1	5	11	9	14	mod yelsh bn sst	OCTsst
213813	Pine E/W W	6483912.19	487586.07	13550	10400	0.5	<1	-	<1	2	4	6	<2	mod yelsh bn sst	OCTsst
213814	Pine E/W W	6483955.49	487561.07	13600	10400	0.5	<1	-	<1	2	4	6	<2	gybh org sst	OCTsst
213815	Pine E/W W	6483998.79	487536.07	13650	10400	0.9	<1	-	<1	1	27	21	126	dk yelsh org cy w gri	OCTsst
213816	Pine E/W W	6483742.09	487511.07	13700	10400	0.7	<1	-	<1	2	9	49	49	dk yelsh org cy w grit	OCTsst
213817	Pine E/W W	6483785.4	487486.07	13750	10400	0.7	<1	-	<1	3	39	10	56	dk yelsh org cy w grit	OCTsst
213818	Pine E/W W	6483328.7	487487.07	13800	10400	0.7	<1	-	<1	23	7	7	22	gybh org cy	OCTsst
213819	Pine E/W W	6483372	487438.07	13850	10400	0.6	<1	-	<1	1	12	4	6	lt p org cy	OCTsst
213820	Pine E/W W	6483315.3	487411.07	13900	10400	0.8	<1	<1	<1	5	8	18	20	frags and ferrug qtz & fg sst	OCTsst
213821	Pine E/W W	6483358.6	487386.07	13950	10400	0.8	<1	-	<1	2	14	16	12	v p org cy & frags qtz sst	OCTsst
213822	Pine E/W W	6483401.9	487361.07	14000	10400	0.6	<1	-	<1	3	11	14	31	yelsh org cy w f frags qtz sst	OCTsst
213823	Pine E/W W	6483446.21	487336.07	14050	10400	0.7	<1	<1	<1	5	12	13	24	ang milky qtz frags	OCTsst
213824	Pine E/W W	6483488.51	487311.07	14100	10400	0.7	<1	-	<1	2	5	6	23	p yelsh bn cy w ang qtz frags	OCTsst
213825	Pine E/W W	6483702.38	487649.47	13250	10300	0.7	<1	-	<1	<1	2	11	14	dk yelsh bn cy	OCTsst
213826	Pine E/W W	6483745.68	487624.47	13300	10300	0.7	<1	-	<1	1	3	9	43	dk yelsh bn cy	OCTsst
213827	Pine E/W W	6483788.98	487599.47	13350	10300	0.8	<1	<1	<1	8	5	15	49	gybh org cy	OCTsst
213828	Pine E/W W	6483832.28	487574.47	13400	10300	0.7	<1	-	<1	4	13	15	40	gybh org cy	OCTsst
213829	Pine E/W W	6483875.59	487549.47	13450	10300	0.5	<1	-	<1	1	6	8	23	gybh org cy w foliated slt texture	OCTsst
213830	Pine E/W W	6483918.89	487524.47	13500	10300	0.6	<1	-	<1	32	51	15	45	gybh org cy/ mott cy	OCTsst
213831	Pine E/W W	6483962.19	487499.47	13550	10300	0.6	<1	-	<1	1	50	19	54	gybh org cy/ mott cy	OCTsst
213832	Pine E/W W	6483905.49	487474.47	13600	10300	0.6	<1	-	<1	1	36	8	16	mod bn cbt sst	OCTsst
213833	Pine E/W W	6483748.79	487449.47	13650	10300	0.6	<1	-	<1	1	29	6	15	gybh org qtz sst	OCTsst
213834	Pine E/W W	6483992.09	487424.47	13700	10300	0.6	<1	-	<1	5	18	16	22	mod bn cy	OCTsst
213835	Pine E/W W	6483735.4	487399.47	13750	10300	0.6	<1	-	<1	1	7	9	6	gybh org cy w rldd qtzite pebbles	?
213836	Pine E/W W	6483778.7	487374.47	13800	10300	0.5	<1	-	<1	1	7	13	12	mod bn cy	?
213837	Pine E/W W	6483822	487349.47	13850	10300	0.6	<1	-	<1	4	6	11	18	mod bn cy	?
213838	Pine E/W W	6483365.3	487324.47	13900	10300	0.8	<1	-	<1	4	6	7	16	gybh org cy w mm gritty frags	OCTsst
213839	Pine E/W W	6483408.6	487299.47	13950	10300	0.8	<1	-	<1	2	8	18	18	f gy cy	OCTsst
213840	Pine E/W W	6483451.9	487274.47	14000	10300	0.8	<1	-	<1	3	8	14	20	gybh org cy	OCTsst
213841	Pine E/W W	6483666.68	487637.87	13050	10200	0.5	<1	-	<1	23	16	62	62	gybh org cy w mm gritty frags	OCTsst
213842	Pine E/W W	6483798.98	487612.87	13100	10200	0.8	<1	-	<1	8	11	29	49	gybh org cy w mm frags qtz sst	OCTsst
213843	Pine E/W W	6483782.28	487487.87	13400	10200	0.6	<1	-	<1	5	22	14	64	gybh org cy	OCTsst
213844	Pine E/W W	6483625.59	487462.87	13450	10200	0.7	<1	-	<1	4	15	11	31	gybh org cy	OCTsst
213845	Pine E/W W	6483666.89	487437.87	13500	10200	0.7	<1	-	<1	1	13	5	38	gybh org cy	OCTsst
213846	Pine E/W W	6483709.19	487412.87	13550	10200	0.7	<1	-	<1	1	14	16	31	dk yelsh org cy after sst	OCTsst
213847	Pine E/W W	6483752.49	487387.87	13600	10200	0.7	<1	-	<1	7	9	6	17	gybh org cy after sst	OCTsst
213848	Pine E/W W	6483795.79	487362.87	13650	10200	0.6	<1	<1	<1	9	5	9	17	mod bn cy w ang gritty frags	OCTsst
213849	Pine E/W W	6483838.09	487337.87	13700	10200	0.6	<1	-	<1	2	11	10	16	lt p org cy after sst f/slst/sl/sh/ss	OCTsst
213850	Pine E/W W	6483882.4	487312.87	13750	10200	0.6	<1	-	<1	7	9	10	12	gybh org cy w mm gritty frags	OCTsst
213851	Pine E/W W	6483925.7	487287.87	13800	10200	0.5	<1	-	<1	21	7	5	14	mod brnish bn cy w mm gritty frags	OCTsst
213852	Pine E/W W	6483731.2	487287.87	13850	10200	0.5	<1	-	<1	1	5	6	4	gybh org cy	OCTsst
213853	Pine E/W W	6483915.5	487237.87	13900	10200	0.5	<1	-	<1	6	7	13	10	gybh org cy w some ang qtz frags	OCTsst
213854	Pine E/W W	6483958.6	487212.87	13950	10200	0.7	<1	-	<1	4	6	10	22	gybh org mott cy	OCTsst
213855	Pine E/W W	6483645.68	487487.28	13300	10100	0.7	<1	-	<1	4	5	9	22	gybh org mott cy	OCTsst
213856	Pine E/W W	6483688.98	487462.28	13350	10100	0.8	<1	-	<1	2	28	19	95	gybh org mott cy	OCTsst
213857	Pine E/W W	6483732.28	487487.28	13400	10100	0.7	<1	-	<1	1	5	9	16	v p org cy after sst	OCTsst
213858	Pine E/W W	6482775.59	487376.28	13450	10100	0.8	<1	-	<1	1	6	5	16	sub rcld flags qtz sst	OCTsst
213859	Pine E/W W	6483818.89	487351.28	13500	10100	0.6	<1	-	<1	4	25	16	41	gybh org sst	OCTsst
213870	Pine E/W W	6482862.19	487326.28	13550	10100	0.7	<1	-	<1	4	17	13	23	gybh org cy	OCTsst
213871	Pine E/W W	6483005.49	487301.28	13600	10100	0.7	<1	<1	<1	4	17	28	47	gybh org cy	OCTsst
213872	Pine E/W W	6483048.79	487276.28	13650	10100	0.6	<1	-	<1	6	13	15	24	gybh org cy	OCTsst
213873	Pine E/W W	6483092.09	487251.28	13700	10100	0.7	<1	-	<1	12	5	21	14	gybh org cy	OCTsst
213874	Pine E/W W	6483095.4	487226.28	13750	10100	0.9	<1	-	<1	9	5	5	12	gybh org cy w ang vn qtz	OCTsst
213875	Pine E/W W	6483048.7	487201.28	13800	10100	0.6	<1	-	<1	4	8	5	10	gybh org mott cy	OCTsst
213876	Pine E/W W	6483122	487176.28	13850	10100	0.5	<1	-	<1	1	5	8	10	ang vn qtz frags	?
213877	Pine E/W W	6483165.3	487151.28	13900	10100	0.6	<1	-	<1	1	3	5	7	gybh org cy w mm gritty frags	OCTsst
213878	Pine E/W W	6483208.6	487126.28	13950	10100	0.7	<1	-	<1	2	4	11	17	f gy cy w gritty frags & plant material	OCTsst
213879	Pine E/W W	6482452.47	487464.66	13100	10000	1	<1	-	<1	1	3	6	11	f gy cy w gritty frags & plant material	OCTsst
213880	Pine E/W W	6482485.76	487439.66	13150	10000	0.7	<1	-	<1	5	11	31	31	mott gybh org cy w mm gritty frags	OCTsst
213881	Pine E/W W	6482509.08	487414.66	13200	10000	0.7	<1	-	<1	5	11	60	60	mott gybh org cy w mm gritty frags	OCTsst
213882	Pine E/W W	6482552.38	487389.66	13250	10000	0.8	<1	-	<1	10	16	15	50	mott gybh org cy w mm gritty frags	OC

Sample number	Area/basin/lot	AMG northing	AMG Easting	Grid north(m/ng)	Grid east(m/c)	Sample depth	As	Ag(e)	Au (ave)	As	Cu	Pb	Zn	Other classification - abbreviated (if applicable)	Interpreted lithology
214018	Pine W	5432841.87	465482.62	14400	8500	0.9	3	-	3	9	37	85	28	mod fg qz ksi silsh micaceous	CHBsst
214017	Pine W	5432894.91	465465.62	14450	8500	0.8	2	2	2	12	10	32	20	qtzlah cng cy aft sil w qtz vng	CHBsil
214016	Pine W	5432928.21	465440.62	14500	8500	0.65	<1	-	<1	1	7	8	9	qtzlah cng cy/ aft fg sst	CHBsst
214019	Pine W	5432971.51	465415.62	14550	8500	0.7	<1	-	<1	5	6	9	9	qtzlah cng cy/ aft fg sst	CHBsst
214020	Pine W	5433014.82	465390.62	14600	8500	0.6	<1	-	<1	4	4	14	12	v p org fg sst	CHBsst
214021	Pine W	5433058.12	465365.62	14700	8500	0.6	<1	-	<1	6	5	8	13	qtzlah vrg fg sst	CHBsst
214022	Pine W	5433101.42	465340.62	14750	8500	0.6	<1	-	<1	9	8	19	15	pale yw bx cry aft slt	CHBsil
214023	Pine W	5433144.72	465315.62	14800	8500	0.5	<1	-	<1	7	14	15	15	pale yw bxs cry aft sil	CHBsil
214024	Pine W	5433166.02	465290.62	14850	8500	0.5	<1	-	<1	5	12	17	20	qtzlah cng slt	CHBsil
214025	Pine W	5433231.32	465265.62	14900	8500	0.5	<1	<1	<1	13	18	16	14	qtzlah/ cng cy aft sil/ish	CHBsil
214026	Pine W	5433274.63	465240.62	14950	8500	0.6	<1	-	<1	5	11	16	16	qtzlah cng cy/ aft sil/ish	CHBsil
214027	Pine W	5433762.37	466004.02	13250	8400	0.5	<1	-	<1	8	27	14	59	pale yw bx ksi silsh	CHBsil
214028	Pine W	5433766.68	465979.02	13300	8400	0.5	<1	-	<1	5	16	13	18	lt bn fg/ micaceous slt	CHBsil
214029	Pine W	5433838.96	465954.02	13350	8400	0.3	<1	-	<1	2	11	13	17	lt bn fg/ micaceous slt	CHBsil
214030	Pine W	5433182.38	465929.02	13400	8400	0.5	<1	-	<1	9	9	13	13	lt bn fg sst	CHBsst
214031	Pine W	5433128.58	465904.02	13450	8400	0.7	<1	-	<1	9	22	14	35	pale yw bx ksi slt	CHBsil
214032	Pine W	5433166.89	465878.02	13500	8400	0.5	<1	-	<1	2	17	17	16	qtzlah vrg fg sst	CHBsst
214033	Pine W	5433042.18	466854.02	13550	8400	0.8	<1	-	<1	5	30	15	26	yvish org slt	CHBsil
214034	Pine W	5433066.49	466828.02	13600	8400	0.5	<1	-	<1	4	34	37	29	qtzlah/ fg/ slt/ish	CHBsst
214035	Pine W	5432998.79	465804.02	13650	8400	0.5	<1	-	<1	4	18	18	21	clk yelish cng sst	CHBsst
214036	Pine W	5433142.09	465779.02	13700	8400	0.7	<1	-	<1	9	27	22	26	mod bn ksi silsh	CHBsil
214037	Pine W	5433185.39	465754.02	13750	8400	0.6	<1	-	<1	7	13	14	11	v p org cy aft sil/ish	CHBsil
214038	Pine W	5432208.69	465729.02	13800	8400	0.4	<1	-	<1	1	8	14	27	lt gr/ish gy foliated slt	CHBsil
214039	Pine W	5433771.29	465704.03	13850	8400	0.4	<1	-	<1	7	24	23	29	mod bx slt	CHBsil
214040	Pine W	5432315.29	465679.02	13900	8400	0.4	<1	-	<1	5	25	16	16	lt yw sst	CHBsst
214041	Pine W	5432358.6	465654.02	13950	8400	0.6	<1	<1	<1	2	32	22	27	v p org fg sst	CHBsst
214042	Pine W	5432401.9	465629.02	14000	8400	0.7	<1	-	<1	2	24	12	14	p yw cry fg/ slt	CHBsil
214043	Pine W	5432446.2	465604.02	14050	8400	0.5	<1	-	<1	6	13	12	11	lt yw cy fg mod/ksi fic silsh	CHBsil
214044	Pine W	5432488.5	465579.02	14100	8400	0.8	<1	-	<1	5	21	24	13	fg yw cry gy aft slt	CHBsil
214045	Pine W	5432541.8	465554.02	14150	8400	0.7	<1	-	<1	6	22	22	18	qtzlah cng slt	CHBsil
214046	Pine W	5432576.1	465529.02	14200	8400	0.6	4	4	4	18	118	14	18	v p org fg/ slt/ish	CHBsil
214047	Pine W	5433618.4	465504.02	14250	8400	0.4	<1	-	<1	7	18	14	19	mod bn ksi silsh	CHBsil
214048	Pine W	5433661.71	465479.02	14300	8400	0.5	<1	-	<1	3	14	17	7	mod bn ksi silsh	CHBsil
214049	Pine W	5432705.01	465454.02	14350	8400	0.8	<1	-	<1	11	32	19	18	lt bn fg/ slt	CHBsil
214050	Pine W	5432748.31	465429.02	14400	8400	0.7	<1	-	<1	9	12	15	14	lt bn ksi slt	CHBsil
214051	Pine W	5432791.61	465404.02	14450	8400	0.7	<1	-	<1	8	29	14	33	pale yw bn sst	CHBsst
214052	Pine W	5432834.91	465379.02	14500	8400	0.6	<1	-	<1	21	36	19	33	pale yw/ish bn fol slt/ish	CHBsil
214053	Pine W	5432878.21	465354.02	14550	8400	0.7	<1	-	<1	9	24	12	30	qtzlah cng cy	?
214054	Pine W	5432921.52	465329.02	14600	8400	0.8	3	4	3	7	28	16	17	v p org cy	CHBsil
214055	Pine W	5432964.82	465304.02	14650	8400	0.6	<1	-	<1	4	48	16	32	v p org fg/ slt	CHBsil
214056	Pine W	5433008.12	465279.02	14700	8400	0.6	1	-	1	17	56	17	28	qtzlah cng fg/ slt/ish	CHBsil
214057	Pine W	5433051.42	465254.02	14750	8400	0.7	<1	-	<1	12	62	14	20	v p org fg/ slt/ish	CHBsil
214058	Pine W	5433094.72	465229.02	14800	8400	0.7	<1	-	<1	5	43	9	15	mod fg cy/ fol slt/ish	CHBsil
214059	Pine W	5433138.02	465204.02	14850	8400	0.6	<1	-	<1	4	36	16	21	qtzlah cng fol slt/ish	CHBsil
214055	Pine W	5433181.32	465179.02	14900	8400	0.7	<1	<1	<1	3	18	12	13	v p org cy	?
214060	Pine W	5433224.63	465154.02	14950	8400	0.7	<1	-	<1	7	16	6	13	v p org cy	?
214061	Pine W	5433157.47	466692.92	13100	8300	0.3	1	-	1	3	3	<3	4	med/gy sst/ poss Perm	Perm
214062	Pine W	5433165.77	466687.42	13150	8300	0.5	<1	-	<1	13	6	<3	20	dk yelish cng cy	?
214064	Pine W	5433169.07	466942.42	13200	8300	0.5	<1	-	<1	4	3	3	15	med gy sst/ poss Perm	Perm
214065	Pine W	5433702.37	465977.42	13250	8300	0.4	<1	-	<1	4	17	8	49	mod/dkn slt sst/ (Permi?)	Perm lag
214066	Pine W	5433742.68	465952.42	13300	8300	0.4	<1	-	<1	6	8	7	19	lt/ sst (Permi?)	Perm lag
214067	Pine W	5433788.58	465857.42	13350	8300	0.3	<1	-	<1	10	16	16	28	clk yelish org cy aft slt	CHBsil
214068	Pine W	5433782.28	465842.42	13400	8300	0.4	<1	-	<1	7	23	15	32	mod bn ksi silsh	CHBsil
214069	Pine W	5433675.58	466817.42	13450	8300	0.7	<1	-	<1	2	18	3	28	cl gy/ fol slt/ish	CHBsil
214070	Pine W	5433919.88	466782.42	13500	8300	0.7	<1	-	<1	7	13	16	21	qtzlah cng fg/ slt/ish	CHBsil
214071	Pine W	5433962.18	466767.42	13550	8300	0.5	<1	-	<1	3	12	9	14	mod bn slt	CHBsst
214072	Pine W	5433002.48	466742.42	13600	8300	0.5	<1	-	<1	5	169	25	15	yelish gy slt	CHBsil
214073	Pine W	5432046.79	466717.42	13650	8300	0.5	<1	-	<1	6	14	16	9	yelish org fol slt	CHBsil
214074	Pine W	5432503.09	466692.42	13700	8300	0.4	<1	-	<1	2	5	13	12	pale yw bn fg/ fol sst	CHBsst
214075	Pine W	5432135.39	466667.42	13750	8300	0.6	<1	<1	<1	3	12	23	17	clk yelish org cy aft slt	CHBsil
214076	Pine W	5432178.69	466642.42	13800	8300	0.5	<1	-	<1	9	22	21	23	clk yelish org slt/ish	CHBsil
214077	Pine W	5432221.99	466617.42	13850	8300	0.6	<1	-	<1	4	11	18	14	dyish org cy aft slt	CHBsil
214078	Pine W	5432265.29	466592.42	13900	8300	0.3	<1	-	<1	6	9	22	12	mod bn fg sst	CHBsst
214079	Pine W	5432308.61	466567.42	13950	8300	0.4	<1	-	<1	4	10	12	11	mod bn fg sst	CHBsst
214080	Pine W	5432351.9	466542.42	14000	8300	0.9	<1	-	<1	6	19	11	23	qtzlah org f sst	CHBsst
214081	Pine W	5432396.2	466517.42	14050	8300	0.4	<1	-	<1	4	7	7	8	mod bn sst	CHBsst
214082	Pine W	5432438.5	466492.42	14100	8300	0.3	<1	-	<1	10	11	9	17	mod bn sst	CHBsst
214083	Pine W	5432481.8	466467.42	14150	8300	0.5	<1	-	<1	9	33	14	27	v p org slt/fg sst	CHBsst
214084	Pine W	5432525.1	466442.42	14200	8300	0.4	<1	-	<1	9	30	13	19	med gy fol slt/ish	CHBsst
214085	Pine W	5432568.4	466417.42	14250	8300	0.7	<1	-	<1	5	29	16	18	mod bn slt	CHBsst
214086	Pine W	5432611.71	466392.42	14300	8300	0.5	<1	-	<1	6	21	19	25	mod bn ksi slt/ish	CHBsst
214087	Pine W	5431069.07	465868.42	13000	8200	0.4	<1	-	<1	2	3	<3	8	pale gy sand around ndd pebbles (Permi?)	?
214093	Pine W	5431652.37	465839.82	13250	8200	0.5	<1	<1	<1	2	3	<3	11	pale gy sand around ndd pebbles (Permi?)	?
214094	Pine W	5431695.68	465908.62	13300	8200	0.7	<1	-	<1	9	7	7	19	pale yw bx fol slt/ish	CHBsil
214095	Pine W	5431738.98	465788.62	13350	8200	0.5	<1	-	<1	5	11	15	20	lt bn fol slt/ish	CHBsil
214096	Pine W	5431782.28	465765.62	13400	8200	0.5	<1	-	<1	4	5	5	8	lt bn fg sst	CHBsst
214097	Pine W	5431826.58	465735.62	13450	8200	0.9	<1	-	<1	8	26	26	30	mod bn slt	CHBsst
214098	Pine W	5431868.88	465705.62	13500	8200	0.9	<1	-	<1	4	16	13	19	qtzlah org slt	CHBsil
214099	Pine W	5431912.18	465680.62	13550	8200	0.5	<1	-	<1	5	16	11	17	qtzlah org slt	CHBsil
214100	Pine W	5431956.48	465655.62	13600	8200	0.5	<1	-	<1	4	20	7	21	v p org slt	CHBsil
214111	Pine W	5431998.79	465630.62	13650	8200	0.5	<1	<1	<1	11	16	6	17	clk yelish org slt	CHBsil
214112	Pine W	5432042.09	465605.62	13700	8200	0.5	<1	-	<1	7	11	5	13	v p org slt/fg sst	CHBsst
214113	Pine W	5432086.39	465580.62	13750	8200	0.5	<1	-	<1	6	9	9	13	qtzlah org cy	?
214114	Pine W	5432126.69	465555.62	13800	8200	0.4	<1	-	<1	4	5	6	8	dk yelish org fg sst	CHBsst
214115	Pine W	5432171.99	465530.62	13850	8200	0.6	<1	-	<1	2	6	<3	12	pale yw bn fol slt/ish	CHBsil
214116	Pine W	5432215.29	465505.62	13900	8200	0.5	<1	-	<1	5	7	<3	10	pale yw bn cy	?
214117	Pine W	5432258.6	465480.62	13950	8200	0.9	<1	-	<1	7	16	4	17	mod bn/ ksi slt/ish	CHBsil
214118	Pine W	5432300.9	465455.62	14000	8200	0.8	<1	-	<1	6	15	8	20	lt bn sst	CHBsst
214119	Pine W	5432345.2	465430.61	14050	8200	0.6	<1	<1	<1	2	11	9	17	pale bn slt	CHBsil
214120	Pine W	5432388.5	465405.61	14100	8200	0.7	<1	-	<1	2	19	10	23	qtzlah org cy w/ qtz vng	CHBsil
214121	Pine W	5432407.8	465385.61	14150	8200	0.5	<1	-	<1	4	22	12	42	lt gr/ish gy foliated slt	CHBsil
214122	Pine W	5432475.1	465365.61	14200	8200	0.5	<1	-	<1	6	16	8	24	qtzlah org cy	?
214123	Pine W	5432514.4	465339.61	14250	8200	0.5	<1	-	<1	2	5	4	14	v p org slt/fg sst	CHBsst
214124	Pine W	5432561.71	465305.61	14300	8200	0.4	<1	-	<1	3	9	17	8	lt/ sltst	CHBsslt
214125	Pine W	5432605.01	465280.61	14350	8200	0.5	<1	<1	<1	7	23	13	16	qtzlah org slt	CHBsslt
214126	Pine W	5432648.31	465255.61	14400	8200	0.5	<1	-	<1	9	36	3	20	lt gr/ish gy foliated slt/ish	CHBsslt
214127	Pine W	5432691.61	465230.61	14450	8200	0.6	<1	-	<1	11	32	15	21	lt yw cy/ fol slt	CHBsslt
214129	Pine W	5432734.91	465205.61	14500	8200	1	<1	-	<1	10	11	5	17	qtzlah org cy aft slt	CHBsslt
214129	Pine W	5432778.21	465180.61	14550	8200	0.6	<1	-	<1	8	25	11	19	qtzlah cng cy aft slt	CHBsslt
214130	Pine W	5432821.51	465155.61	14600	8200	0.6	<1	-	<1	2	14	7	20	mod/ bn ksi silsh	CHBsil
214131	Pine W	5432864.82	465130.61	14650	8200	0.6	<1	-	<1	2	12	8	15	qtzlah org cy aft slt	CHBsil
214132	Pine W	5432728.21	465104.21	14700	8200	0.6	<1	-	<1	5	19	12	20	mod bn slt	CHBsil
214133	Pine W	5432689.91	465119.21	14650	8100	0.5	<1	-	<1	3	19	12	19	v p org fol slt/ish	CHBsil
214134	Pine W	5432641.91	465134.21	14600	8100	0.6	<1	-	<1	6	14	5	14	lt bn fol slt/ish	CHBsil
214135	Pine W	5432686.51	465169.1	14400	8100	0.6	<1	-	<1	6	16	7	17	lt bn fol slt/ish	CHBsil
214136	Pine W	5432685.01	465194.21	14350	8100	0.6	<1	-	<1	4	33	6	16	lt bn fol slt/ish	CHBsil
214137	Pine W	5432611.71	465214.21	14300	8100	0.6	<1	-	<1	3	20	3	19	v p org slt	CHBsil
214138	Pine W	5432469.4	465244.21	14250	8100	0.4	<1	-	<1	4	17	14	28	lt gr/ish gy fol slt/ish	CHBsil
214139	Pine W	5432426.1	465269.21	14200	8100	0.7	<1	-	<1	3	27	23	32	mod bn fol slt/ish	CHBsil
214140	Pine W	5432381.8	465294.21	14150	8100	0.9	<1	-	<1	31	31	10	25	v p org fol slt	CHBsil
214141	Pine W	5432338.5	465319.21	14100	8100	0.6	<1	-	<1	7	15	10	22	qtzlah org cy	CHBsil
214142	Pine W	5432295.2	465344.21	14050	8100	0.7	<1	-	<1	8	33	8	13	v p org cy aft slt	CHBsil
214143	Pine W	5432251.9	465369.21	14000	8100	0.5	<1	-	<1	3	17	6	15	dyish org fol slt	CHBsil
214144	Pine W	5432208.6	465394.21	13950	8100	0.5	<1	-	<1	10	9	<3	15	v p org cy aft slt	CHBsil
214145	Pine W	5432165.32	465419.21	13900	8100	0.6	<1	-	<1	20	17	13	14	v p org cy aft slt	CHBsil
214146	Pine W	5432121.02	465444.21	13850	8100	0.6	<1	-	<1	7	12	7	17	v p org cy aft slt	CHBsil
214147	Pine W	5432078.69	465469.21	13800	8100	0.9	<1	-	<1	16	5	11	13	dk gy/ cy aft sst	CHBsst
214148	Pine W	5432036.39	465494.21	13750	8100	0.5	<1	-	<1	4	5	5	10	pale yw bn cry aft slt	CHBsil
214140	Pine W	5431992.09	465519.21	13700	8100	0.8	<1	-	<1	12	7	3	14	qtzlah cng cy	?
214150	Pine W	5431948.79	465544.21	13650	8100	0.5	<1	-	<1	5	7	3	13	qtzlah org cy aft sst	CHBsil
214151	Pine W	5431905.48	465569.21	13600	8100	0.4	<1	-	<1	<1	3	<3	11	pale gy sand around ndd pebbles (Permi?)	Perm lag
214152	Pine W	5431862.18	465594.21	13550	8100	0.6	<1	-	<1	1	9	3	13	dk yelish cng sst	CHBsst
214153	Pine W	5431818.88	465619.21	13500	8100	0.6	<1	1	<1	3	4	<3	11	lt bn sst	CHBsst
214154	Pine W	5431775.58	465644.21	13450	8100	0.6	<1	-	<1	3	16	10	18	yelish cy/ fol slt/ish	CHBsil
214155	Pine W	5431732.28	465669.21	13400	8100	0.6	<1	-	<1	3	11	8	16	mod bn ksi slt/ish	CHBsil
214156	Pine W	5431688.88	465694.21	13350	8100	0.4	<1	-	<1	4	6	7	14	qtzlah bn fol slt/ish	CHBsil
214157	Pine W	5431645.67	465719.21	13300	8100	0.4	<1	-	<1	3	8	9	14	lt bn fol slt/ish	CHBsil
214158	Pine W	5431602.37	465744.21	13250	8100	0.4	<1	-	<1	5	12	8	19	lt bn fol slt/ish	CHBsil
214159	Pine W	5431559.07	465769.21	13200	8100	0.4	<1	-	<1	10	13	7	25	mod bn fol slt/ish	CHBsil
214160	Pine W	5431515.77	465794.21	13150	8100	0.4	<1	-	<1	2	13	8	28	yvish/ gy fol slt/ish	CHBsil
214161	Pine W	5431472.47	465819.21	13100	8100	0.5	<1	-	<1	3	9	7	20	qtzlah org fol slt/ish	CHBsil
214162	Pine W	5431429.17	465844.21	13050	8100	0.4	<1	-	<1	3	8	<3	16	pale yw bn fol slt/ish	CHBsil
214159	Pine W	5431385.87	465869.21	13000	8100	0.5	<1	<1	<1	1	5	4	13	mod pebbles sl sst (Permi?)	Perm lag
214164	Pine W	5431342.57	465894.21	12950	8100	0.3	<1	-	<1	2	13	7	12	mod pebbles sl sst (Permi?)	Perm lag
214165	Pine W	5431299.26	465919.21	12900	8100	0.4	<1	-	<1	<1	4	<3	4	mod pebbles sl sst (Permi?)	Perm lag
214166	Pine W	5431255.66	465944.21	12850	8100	0.3	<1	-	<1	1	5	3	5	mod pebbles sl sst (Permi?)	Perm lag
214167	Pine W	5431212.66	465969.21	12800	8100	0.4	<1	-	<1	6	6	6	18	lt bn sst (Permi?)	Perm lag
214168	Pine W	5431169.36	465994.21	12750	8100	0.6	<1	-	<1	12	20	20	47	med gy/ sst (Permi?)	Perm lag
214169	Pine W	5431392.56	465907.61	12950	8000	0.5	<1	-	<1	5	11	9	18	lt bn fol slt/ish	CHBsil
214170	Pine W	5431336.87	465907.61	13000	8000	0.5	<1	-	<1	11	15	12	18	yelish gy fol slt/ish	CHBsil
214171	Pine W	5431379.17	465757.61	13200	8000	0.5	<1	-	<1	4	5	7	11	mod bn slt	CHBsil
214172	Pine W	5431422.47	465732.61	13150	8000	0.4	<1	-	<1	1	9	4	16	qtzlah cng cy slt	CHBsil
214173	Pine W	5431465.37	465707.61	13150	8000	0.5	<1	-	<1	2	7	4	11	v p org ksi silsh	CHBsil
214174	Pine W	5431509.07	465682.61	13100	8000	0.5	<1	-	<1	2	12	12	18	lt bn fol slt/ish	CHBsil
214175	Pine W	5431552.37	465657.61	13050	8000	0.6	<1	<1	<1	2	9	6	15	v p org cy	CHBsil
214176	Pine W	5431596.66	465632.61	13000	8000	0.4	<1	-	<1	5	31	21	39	med fg cy/ fol slt/ish	CHBsil
214177	Pine W	5431638.96	465607.61	12950	8000	0.5	<1	-	<1	11	22	15	19	v p org fg/ slt	CHBsil
214178	Pine W	5431682.26	465582.61	12900	8000	0.5	<1	-	<1	4	29	17	30	v p org fol slt	CHBsil
214179	Pine W	5431725.55	465557.61	12850	8000	0.5	<1	-	<1	13	27	17	17	v p org fol slt/ish	CHBsil
214180	Pine W	5431768.85	465530.61	12800	8000	0.6	<1	-	<1	11	14	8	15	gy/ish bn slt	CHBsil
214181	Pine W	5431812.15	465507.61	12750	8000	0.4	<1	-	<1	3	<3	4	4	med gy sand (Permi?)	Perm lag
214182	Pine W	5431855.45	465482.61	12600	8000	0.6	<1	-	<1	4	8	3	18	dk yelish org cy	?
214183	Pine W	5431898.79	465457.61	12650	8000	0.5	<1	-	<1	11	8	14	25	dk yelish org/ ndd pebbles (Permi?)	Perm lag
214184	Pine W	5431942.09	465432.61	13700	8000	0.5	<1	-	<1	11	7	17	20	mod yel sst gy	?
214185	Pine W	5431985.39	465407.61	13750	8000	0.5	<1	-	<1	9	6	6	8	lens/ slt sst w/ ndd pebbles (Permi?)	CHBsst
214186	Pine W	5432009.65	465382.61	13800	9000	0.5	<1	<1	<1	10	13	14	13	mod fol slt/ish	CHBsil
214187	Pine W	5432071.59	465357.61	13850	8000	0.4	<1	-	<1	13	55	11	33	ndd pebbles dk yelish org sst	Perm lag
214188	Pine W	5432115.29	465332.61	13900	8000	0.4	<1	-	<1	6	22	10	21	v p org fol slt/ish	CHBsil
214189	Pine W	5432158.69	465307.61	13950	8000	0.6	<1	-	<1	8	9	7	14	mod bn sst	CHBsst
214190	Pine W	5432201.9	465282.61	14000	8000	0.5	<1	-	<1	6	12	7	14	pale yw bn cy	?
214191	Pine W	5432245.2	465257.61	14050	8000	0.5	<1	-	<1	3	13	8	13	pale yw bn fol slt/ish	CHBsil
214192	Pine W	5432288.5	465232.61	14100	8000	0.5	<1	-	<1	4	18	17	20	v p org cy	?
214193	Pine W	5432331.8	465207.61	14150	8000	0.4	<1	-	<1	7	19	14	25	mod bn fol slt/ish	CHBsil
214194	Pine W	5432375.1	465182.61	14200	8000	0.5	<1	-	<1	4	39	12	28	v p org fol slt/ish	CHBsil
214195	Pine W	5432418.4	465157.61	14250	8000	0.5	<1	-	<1	5	34	14	36	v p org fol slt/ish	CHBsil
214196	Pine W	5432461.71	465132.61	14300	8000	0.6	<1	-	<1	8	46	17	26	dk yelish org fol slt/ish	CHBsil
214197	Pine W	5432505.01	465107.61	14350	8000	0.6	<1	-	<1	2	24	12	19	v p org fol slt/ish	CHBsil
214198	Pine W	5432548.31	465082.61	14400	8000	0.7	<1	-	<1	2	23	12	19	v p org cy	?
214199	Pine W	5432591.61	465057.61	14450	8000	0.6	<1	-	<1	4	13	7	14	v p org cy	?
214200	Pine W	5432634.91	465032.61	14500	8000	0.6	<1	<1	<1	4	15	12	19	qtzlah org fol slt	CHBsil
214201	Pine W	5432366.87	465682.02	13550	7900	0.5	<1	-	<1	5	9	6	15	v p bn fol slt/ish	CHBsil
214202	Pine W	5432129.17	465871.51	13050	7900	0.4	<1	-	<1	4	9	4	13	lt bn sst	CHBsst
214203	Pine W	5432127.47	465646.01	13100	7900	0.7	<1	-	<1	3	8	4	12	mod bn fol sst	CHBsst
214204	Pine W	5431411.77	465621.01	13150	7900	0.5	<1	-	<1	3	20	12	16	qtzlah org fol slt/ish	CHBsil
214205	Pine W	5431449.07	465596.01	13200	7900	0.5	<1	-	<1	3	36	17	20	qtzlah bn fol slt/ish	CHBsil
214206	Pine W	5431502.37	465571.01	13250	7900	0.5	<1	-	<1	7	29	16	18	mod bn fol slt/ish	CHBsil
214207	Pine W	5431546.69	465546.01	13300	7900	0.5	<1	<1	<1	7	29	5	15	v p org cy	CHBsil
214208	Pine W	5431589.68	465521.01	13350	7900	0.5	<1	-	<1	7	29	5	15	lt/ sltst/ gy fol slt/ish	CHBsslt
214209	Pine W	5431632.28	465496.01	13400	7900	0.5	<1	-	<1	12	36	16	30	v p org fol slt/ish	CHBsil
214210	Pine W	5431675.58	465471.01	13450	7900	0.6	<1	-	<1	5	25	13	18	pale yw bn cy	?
214211	Pine W	5431718.88	465446.01	13500	7900	0.5	<1	-	<1	15	38	16	29	yelish org fol slt/ish	CHBsil
214212	Pine W	5431762.18	465421.01	13550	7900	0.5	<1	-	<1	3	26	17	24	qtzlah gy fol slt/ish	CHBsil

Sample number	Area/baseline	AMG Northing	AMG Easting	Grid North(50m)	Grid East(50E)	Sample Depth	Au	Au(R)	Au (ave)	As	Cu	Pb	Zn	Lithjia Description - abbreviated (to MacScotia)	Interpreted Geology
214334	Pline W	5453017.51	484624.59	14650	7500	0.9	<1	-	<1	7	10	7	55	dk ywish bn cy	?
214335	Pline W	5453254.61	484624.59	14650	7500	1	<1	-	<1	9	11	17	48	dk ywish bn cy	?
214336	Pline W	5453358.12	484499.69	14703	7500	1.1	<1	-	<1	4	9	15	33	dk ywish bn cy aft sst	Tert
214337	Pline W	5453168.59	484787.99	13950	7400	0.7	<1	-	<1	4	7	4	16	gysh org cy sft sil	CHSalt
214338	Pline W	5453101.9	484762.99	14003	7400	0.7	<1	-	<1	9	8	15	16	pale yw bn cy sft sil	CHSalt
214339	Pline W	5453045.2	484737.99	14050	7400	0.6	<1	-	<1	10	7	28	17	dk ywish org cy aft sst	CHSalt
214340	Pline W	5453188.5	484712.99	14101	7400	0.6	<1	-	<1	3	4	9	14	y-p org sst	CHBalt
214341	Pline W	5453331.8	484687.99	14151	7400	0.6	<1	-	<1	3	5	18	24	gysh org kkl mosaceous slt	CHBalt
214342	Pline W	5453207.5	484662.99	14200	7400	0.7	<1	-	<1	1	4	4	10	mod bn sst	CHBmvsat
214343	Pline W	5453116.4	484637.99	14250	7400	0.6	<1	-	<1	1	3	5	13	yfish bn kkl slt	CHBslt
214344	Pline W	5453161	484612.99	14300	7400	0.6	<1	-	<1	3	9	9	16	dk yelish bn kkl slt/sh	CHBslt
214345	Pline W	5453055.61	484587.99	14350	7400	0.7	<1	-	<1	5	11	13	32	lt gy slt sst	CHBmvsat
214346	Pline W	5453248.31	484562.99	14400	7400	0.7	<1	-	<1	6	10	21	32	dk yelish org kkl slt/sh	CHBslt
214347	Pline W	5453291.61	484537.99	14450	7400	0.6	<1	-	<1	6	9	32	29	v-p org cy	?
214348	Pline W	5453334.91	484512.99	14500	7400	0.6	<1	-	<1	12	18	41	46	v-p org cy	?
214349	Pline W	5453378.21	484487.99	14550	7400	1	<1	-	<1	6	7	13	29	lt bn cy aft sst	Tert
214350	Pline W	5453421.51	484462.99	14600	7400	0.6	<1	-	<1	4	7	15	25	pale yw bn cy	?
214351	Pline W	5453695.2	484851.39	14099	7300	0.7	<1	-	<1	30	18	49	107	gybkh org cy	?
214352	Pline W	5453938.5	484836.39	14150	7300	0.7	<1	-	<1	6	19	74	105	gybkh org cy	?
214353	Pline W	5453681.8	484801.39	14199	7300	0.5	<1	-	<1	25	60	358	430	lg pale pink feat & fg dk gy qtz vng	?
214354	Pline W	5453655.1	484776.39	14300	7300	0.7	-	-	-	16	16	54	128	pale yw bn cy	?
214355	Pline W	5453098.4	484551.39	14299	7300	0.8	<1	-	<1	43	20	125	250	mod bn v ferrug ch reddish bn cy	?
214356	Pline W	5453538.1	484538.39	14350	7300	0.7	-	-	-	20	26	72	71	mod bn cy w qtz frags	?
214357	Pline W	5453155.61	484521.39	14350	7300	0.7	<1	-	<1	19	18	42	51	gybkh org cy sft sst	Tert
214358	Pline W	5453198.31	484476.39	14400	7300	0.7	<1	-	<1	9	14	41	30	gysh org qtz sst w ferrug vnls	Tert
214359	Pline W	5453241.61	484451.39	14450	7300	0.7	<1	-	<1	16	28	107	50	dk yelish org sst	Tert
214360	Pline W	5453284.91	484426.39	14500	7300	0.8	<1	-	<1	12	12	29	29	dk yelish bn cy	?
214361	Pline W	5453846.2	484576.79	14050	7200	0.4	-	-	-	3	5	19	11	mod bn sst	CHBmvsat
214362	Pline W	5453668.5	484539.79	14100	7200	0.8	<1	-	<1	9	11	46	31	v p org sst	CHBmvsat
214363	Pline W	5453691.8	484514.79	14150	7200	0.9	<1	-	<1	9	14	57	49	v p org cy aft sst	CHBslt
214364	Pline W	5453975.1	484489.79	14200	7200	0.8	<1	-	<1	14	27	65	58	vl gy fol sst	Tert
214365	Pline W	5453916.4	484464.79	14250	7200	0.6	<1	-	<1	7	17	64	52	v p org sst	Tert
214366	Pline W	5453961.7	484439.79	14300	7200	0.6	<1	-	<1	4	15	35	34	dk yelish org sst	Tert
214367	Pline W	5453165.61	484414.78	14350	7200	0.7	<1	-	<1	13	12	29	33	mod yw bn cy aft sst	Tert
214368	Pline W	5453205.1	484389.24	14200	9100	0.4	-	-	-	1	8	<3	4	lt sandy cover to gy slt sst	OCTsst
214369	Pline W	5453968.41	486110.24	14255	9100	0.4	-	-	-	<1	5	<3	4	med ly gy sil sst	OCTsst
214370	Pline W	5453931.71	486085.24	14300	9100	0.3	-	-	-	<1	5	<3	4	med ly gy sil sst	OCTsst
214371	Pline W	5453005.01	486060.24	14350	9100	0.4	-	-	-	1	5	3	5	med ly gy sil sst	OCTsst
214372	Pline W	5453068.31	486035.24	14400	9100	0.5	-	-	-	<1	5	<3	4	med ly gy sil sst	OCTsst
214373	Pline W	5453141.61	486010.24	14451	9100	0.4	-	-	-	<1	4	3	7	med ly gy sil sst	OCTsst
214374	Pline W	5453184.91	485985.24	14500	9100	0.4	<1	-	<1	4	5	12	13	med ly gy sil sst	OCTsst
214375	Pline W	5453228.22	485960.24	14550	9100	0.6	<1	-	<1	3	5	8	9	v p org sil sst	OCTsst
214376	Pline W	5453271.52	485935.24	14600	9100	0.6	-	-	-	3	6	7	15	dk yelish org cy	OCTsst
214377	Pline W	5453314.82	485910.24	14650	9100	0.6	-	-	-	4	15	34	57	gysh org cy	OCTsst
214378	Pline W	5453825.1	486048.84	14200	9000	0.4	<1	-	<1	2	<3	3	7	med ly gy sil sst	OCTsst
214379	Pline W	5453918.41	486023.84	14250	9000	0.6	<1	-	<1	1	5	4	7	med ly gy sil sst	OCTsst
214380	Pline W	5453981.71	485998.84	14300	9000	0.7	<1	-	<1	1	3	<3	3	med ly gy sil sst	OCTsst
214381	Pline W	5454073.01	485973.84	14350	9000	0.7	<1	-	<1	2	<3	<3	3	med ly gy sil sst	OCTsst
214382	Pline W	5453346.31	485948.84	14401	9000	0.7	<1	-	<1	4	10	11	15	gysh org cy	?
214383	Pline W	5453391.81	485923.84	14450	9000	0.5	<1	-	<1	1	3	3	6	dy yelish org cy	?
214384	Pline W	5453134.91	485898.84	14500	9000	0.5	<1	-	<1	1	3	<3	4	gysh org ferrug slt sst	?
214385	Pline W	5453178.21	485873.84	14550	9000	0.3	<1	-	<1	1	4	<3	4	med ly gy sil sst	OCTsst
214386	Pline W	5453221.52	485848.84	14600	9000	0.4	<1	-	<1	1	4	<3	4	mod bn cy	OCTsncrse
214387	Pline W	5453357.64	484384.4	15400	7800	0.7	<1	-	<1	11	6	22	18	dk yelish org vred qtz sst	OCTsst
214388	Pline W	5453400.94	484359.4	15450	7800	0.8	<1	-	<1	7	11	17	12	dk yelish org vred qtz sst	OCTsst
214389	Pline W	5453444.24	484334.4	15500	7800	0.8	<1	-	<1	1	2	<3	3	med ly gy qtzfw	OCTsst
214390	Pline W	5453487.54	484309.4	15550	7800	0.6	<1	-	<1	1	2	4	9	med ly gy qtzfw	OCTsst
214391	Pline W	5453530.85	484284.4	15600	7800	0.5	<1	-	<1	2	4	14	7	dk yelish org cy aft slt	OCTsst
214392	Pline W	5453574.15	484259.4	15700	7800	0.4	<1	-	<1	2	5	8	5	med ly gy qtz sst	OCTsst
214393	Pline W	5453617.45	484234.4	15750	7800	0.4	<1	-	<1	1	4	<3	3	med ly gy qtz sst	OCTsst
214394	Pline W	5453660.75	484209.4	15800	7800	0.6	<1	-	<1	1	3	<3	2	med ly gy qtz sst	OCTsst
214395	Pline W	5453704.05	484184.4	15850	7800	0.8	<1	<1	<1	15	4	7	12	dk yelish org cy aft slt	OCTsst
214396	Pline W	5453747.35	484159.4	15900	7800	0.5	<1	-	<1	1	4	3	2	med ly gy qtz sst	OCTsst
214397	Pline W	5453790.65	484134.4	15950	7800	0.8	<1	-	<1	1	5	6	9	ywish org cy	?
214398	Pline W	5453833.95	484109.4	16000	7800	0.4	<1	-	<1	7	5	<3	5	ywish org cy	?
214399	Pline W	5453877.25	484084.4	16050	7800	0.5	<1	-	<1	1	2	<3	2	ywish org cy	?
214400	Pline W	5453920.56	484059.4	16100	7800	0.5	<1	-	<1	1	3	5	<2	med ly gy qtz sst	?
214401	Pline W	5453963.86	484034.4	16150	7800	0.6	<1	-	<1	17	3	12	<2	ywish org vred lg qtz sst	OCTsst
214402	Pline W	5454007.16	484009.4	16200	7800	0.5	<1	-	<1	13	4	8	10	ywish org vred lg qtz sst	OCTsst
214403	Pline W	5454050.46	483984.4	16250	7800	0.5	<1	-	<1	7	2	6	10	ywish org vred lg qtz sst	OCTsst
214404	Pline W	5454093.76	483959.4	16300	7800	0.6	<1	-	<1	3	3	<3	10	ywish org vred lg qtz sst	OCTsst
214405	Pline W	5454137.07	483934.4	16350	7800	0.5	<1	-	<1	12	4	4	9	ywish org vred lg qtz sst	OCTsst
214406	Pline W	5454180.37	483909.4	16400	7800	0.6	<1	-	<1	4	4	<3	10	ywish org vred lg qtz sst	OCTsst
214407	Pline W	5454223.67	483884.4	16450	7800	0.5	<1	-	<1	6	4	3	12	ywish org vred lg qtz sst	OCTsst
214408	Pline W	5454266.97	483859.4	16500	7800	0.5	<1	-	<1	14	5	<3	9	ywish org vred lg qtz sst	OCTsst
214409	Pline W	5454310.27	483834.4	16550	7800	0.5	<1	-	<1	4	3	<3	8	ywish org vred lg qtz sst	OCTsst
214410	Pline W	5454353.57	483809.4	16600	7800	0.5	<1	-	<1	3	4	<3	9	ywish org vred lg qtz sst	OCTsst
214411	Pline W	5454396.85	483784.4	16650	7800	0.7	<1	-	<1	23	5	6	7	ywish org cylved lg qtz sst	OCTsst
214412	Pline W	5454440.18	483759.4	16700	7800	0.4	<1	-	<1	6	3	<3	4	ywish org cylved lg qtz sst	OCTsst
214413	Pline W	5454483.48	483734.4	16750	7800	0.4	<1	-	<1	5	3	<3	2	ywish org cylved lg qtz sst	OCTsst
214414	Pline W	5454526.78	483709.4	16800	7800	0.5	<1	-	<1	3	3	<3	<2	ywish org cylved lg qtz sst	OCTsst
214415	Pline W	5454570.08	483684.4	16850	7800	0.6	<1	-	<1	5	3	<3	5	ywish org cylved lg qtz sst	OCTsst
214416	Pline W	5454613.38	483659.4	16900	7800	0.5	<1	-	<1	4	2	<3	3	ywish org cylved lg qtz sst	OCTsst
214417	Pline W	5454656.68	483634.4	16950	7800	0.6	<1	-	<1	2	2	<3	3	ywish org cylved lg qtz sst	OCTsst
214418	Pline W	5454699.99	483609.4	17000	7800	0.6	<1	-	<1	8	3	<3	2	ywish org cylved lg qtz sst	OCTsst
214419	Pline W	5454743.29	483584.4	17050	7800	0.7	<1	<1	<1	6	3	<3	2	ywish org cylved fg qtz sst w lmc qtz frags	OCTsst
214420	Pline W	5454786.59	483559.4	17100	7800	0.6	<1	<1	<1	13	3	<3	5	ywish org cy	?
214421	Pline W	5454829.89	483534.4	17150	7800	0.7	<1	-	<1	3	2	<3	4	ywish org cy	OCTsst
214422	Pline W	5454872.49	483509.4	17200	7800	0.4	-	-	-	2	4	<3	4	med ly gy qtz sst	OCTsst
214423	Pline W	5454959.79	483459.4	17300	7800	0.5	-	-	-	1	2	<3	4	med ly gy qtz sst	OCTsst
214424	Pline W	5455003.1	483434.4	17350	7800	0.6	<1	-	<1	6	3	<3	4	ywish org vred qtz sst, wy fol	OCTsst
214425	Pline W	5455046.4	483409.4	17400	7800	0.6	<1	-	<1	4	3	<3	4	ywish org vred qtz sst, wy fol	OCTsst
214426	Pline W	5455089.7	483384.4	17450	7800	0.4	<1	-	<1	4	4	<3	4	ywish org vred qtz sst, wy fol	OCTsst
214427	Pline W	5455133	483359.4	17500	7800	0.7	<1	-	<1	9	4	6	7	ywish org vred qtz sst, wy fol	OCTsst
214428	Pline W	5455176.3	483334.4	17550	7800	0.7	<1	-	<1	11	11	9	19	olive green cy	?
214429	Pline W	5456219.6	483309.4	17600	7800	0.6	<1	-	<1	5	3	15	5	ywish org vred qtz sst, wy fol	OCTsst
214430	Pline W	5456262.91	483284.4	17650	7800	0.6	<1	-	<1	6	2	11	5	ywish org cy aft vred fg qtz sst	OCTsst
214431	Pline W	5456306.21	483259.4	17700	7800	0.7	<1	-	<1	7	2	8	5	ywish org cy aft vred fg qtz sst	OCTsst
214432	Pline W	5456349.51	483234.39	17750	7800	0.7	<1	-	<1	8	6	15	7	ywish org cy aft wred fg qtz sst	OCTsst
214433	Pline W	5456392.81	483209.39	17800	7800	0.6	<1	-	<1	2	<3	<3	2	med ly gy qtz sst	OCTsst
214434	Pline W	5456436.11	483184.39	17850	7800	0.6	<1	-	<1	1	3	3	2	med ly gy qtz sst	OCTsst
214435	Pline W	5456479.41	483159.39	17900	7800	0.6	<1	-	<1	7	4	<3	6	ywish org vred qtz sst	OCTsst
214436	Pline W	5456522.71	483134.39	17950	7800	0.5	<1	-	<1	5	3	<3	4	ywish org vred qtz sst, wy fol	OCTsst
214437	Pline W	5456566.02	483109.39	18000	7800	0.6	<1	-	<1	7	3	<3	3	ywish org vred qtz sst, wy fol	OCTsst
214438	Pline W	5456609.32	483084.39	18050	7800	0.7	<1	<1	<1	11	7	6	5	ywish org vred qtz sst, wy fol	OCTsst
214439	Pline W	5456652.62	483059.39	18100	7800	0.9	<1	-	<1	89	4	14	9	ywish org vred qtz sst, wy fol	OCTsst
214440	Pline W	5456695.92	483034.39	18150	7800	0.7	<1	-	<1	8	3	13	6	ywish org vred qtz sst, wy fol	OCTsst
214441	Pline W	5456739.22	483009.39	18200	7800	0.9	<1	<1	<1	12	3	5	5	ywish org vred qtz sst, wy fol	OCTsst
214442	Pline W	5453364.34	484406	15405	7900	0.6	<1	-	<1	6	3	<3	6	ywish org vred qtz sst, wy fol	OCTsst
214443	Pline W	5453407.64	484381	15450	7900	0.4	<1	-	<1	4	2	<3	5	ywish org vred qtz sst, wy fol	OCTsst
214444	Pline W	5453450.94	484446	15500	7900	0.4	<1	-	<1	3	<3	<3	3	med ly gy qtz sst	OCTsst
214445	Pline W	5453494.24	484421	15550	7900	0.5	<1	<1	<1	3	3	<3	4	med ly gy qtz sst	OCTsst
214446	Pline W	5453537.54	484396	15600	7900	0.4	<1	<1	<1	1	4	<3	7	med ly gy qtz sst	OCTsst
214447	Pline W	5453580.85	484371	15650	7900	0.4	<1	-	<1	2	2	<3	5	med ly gy qtz sst	OCTsst
214448	Pline W	5453624.15	484346	15700	7900	0.5	<1	-	<1	1	3	<3	5	med ly gy qtz sst	OCTsst
214449	Pline W	5453667.45	484321	15750	7900	0.7	<1	-	<1	10	3	<3	20	olive green cy	?
214450	Pline W	5453710.75	484296	15800	7900	0.5	<1	-	<1	2	2	<3	4	med ly gy qtz sst	OCTsst
214451	Pline W	5453754.05	484271	15850	7900	0.7	<1	-	<1	6	2	<3	6	ywish org vred qtz sst, ocly wy fol	OCTsst
214452	Pline W	5453797.35	484246	15900	7900	0.5	<1	-	<1	5	<2	<3	4	ywish org vred qtz sst, ocly wy fol	OCTsst
214453	Pline W	5453840.65	484221	15950	7900	0.4	<1	-	<1	1	2	<3	5	ywish org vred qtz sst, ocly wy fol	OCTsst
214454	Pline W	5453883.96	484196	16000	7900	0.5	<1	-	<1	1	4	<3	7	ywish org vred qtz sst, ocly wy fol	OCTsst
214455	Pline W	5453927.26	484171	16050	7900	0.5	<1	-	<1	<1	<2	<3	13	ywish org vred qtz sst, ocly wy fol	OCTsst
214456	Pline W	5453970.56	484146	16100	7900	0.4	<1	-	<1	1	2	<3	9	ywish org vred qtz sst, ocly wy fol	OCTsst
214457	Pline W	5454013.86	484121	16150	7900	0.6	<1	-	<1	4	2	<3	6	ywish org vred qtz sst, ocly wy fol	OCTsst
214458	Pline W	5454057.16	484096	16200	7900	0.5	<1	-	<1	1	2	<3	6	ywish org vred qtz sst, ocly wy fol	OCTsst
214459	Pline W	5454100.46	484071	16250	7900	0.4	<1	-	<1	1	2	6	6	ywish org vred qtz sst, ocly wy fol	OCTsst
214460	Pline W	5454143.77	484046	16300	7900	0.7	<1	-	<1	3	3	11	11	ywish org vred qtz sst, ocly wy fol	OCTsst
214461	Pline W	5454187.07	484021	16350	7900	0.4	<1	-	<1	3	2	<3	3	med ly gy qtz sst	OCTsst
214462	Pline W	5454230.37	483996	16400	7900	0.3	<1	-	<1	4	3	<3	3	med ly gy qtz sst	OCTsst
214463	Pline W	5454273.67	483971	16450	7900	0.4	<1	-	<1	3	2	3	4	med ly gy qtz sst	OCTsst
214464	Pline W	5454316.97	483946	16500	7900	0.5	<1	-	<1	13	3	4	13	20mm tonalonal qtz vn	?
214465	Pline W	5454360.28	483921	16550	7900	0.4	<1	-	<1	2	2	<3	4	med ly gy qtz sst	OCTsst
214466	Pline W	5454403.57	483896	16600	7900	0.4	<1	<1	<1	3	<3	<3	10	med ly gy qtz sst	OCTsst
214467	Pline W	5454446.88	483871	16650	7900	0.4	<1	-	<1	1	<2	<3	7	med ly gy qtz sst	OCTsst
214468	Pline W	5454490.18	483846	16700	7900	0.5	<1	-	<1	3	4	19	14	mod qtz vn	?
214469	Pline W	5454533.48	483821	16750	7900	0.9	<1	-	<1	3	2	<3	4	ywish org wed sst	OCTsst
214470	Pline W	5454576.78	483796	16800	7900	0.5	<1	-	<1	4	2	8	4	ywish org wed sst	OCTsst
214471	Pline W	5454620.08	483771	16850	7900	0.5	<1	-	<1	2	2	3	7	ywish org wed sst	OCTsst
214472	Pline W	5454663.38	483746	16900	7900	0.4	<1	-	<1	4	3	4	10	ywish org wed sst	OCTsst
214473	Pline W	5454706.68	483721	16950	7900	0.4	<1	-	<1	3	2	9	8	ywish org wed sst	OCTsst
214474	Pline W	5454749.98	483696	17000	7900	0.5	<1	-	<1	3	2	3	10	ywish org wed sst	OCTsst
214475	Pline W	5454793.29	483671	17050	7900	0.6	<1	-	<1	4	2	6	15	ywish org wed sst	OCTsst
214476	Pline W	5454836.59	483646	17100	7900	0.7	<1	-	<1	11	4	6	14	ywish org wed sst	OCTsst
214477	Pline W	5454879.89	483621	17150	7900	0.6	<1	-	<1	2	3	<3	7	ywish org wed sst	OCTsst
214478	Pline W	5454923.19	483596	17200	7900	0.6	<1	-	<1	1	2	3	7	ywish org wed sst	OCTsst
214479	Pline W	5454966.49	483571	17250	7900	0.6	<1	-	<1	3	2	9	12	ywish org wed sst	OCTsst
214480	Pline W	5455009.79	483546	17300	7900	0.6	<1	-	<1	2	3	<3	7	ywish org wed sst	OCTsst
214481	Pline W	5455053.1	483521	17350	7900	0.7	<1	-	<1	3	3	<3	5	olive grn cy	?
214482	Pline W	5455096.4	483496	17400	7900	0.5	<1	-	<1	7	3	11	10	ywish org wed sst	OCTsst
214483	Pline W	5455139.7	483471	17450	7900	0.8	<1	-	<1	3	2	8	7	ywish org wed sst	OCTsst
214484	Pline W	5455183	483446	17500	7900	0.6	<1	-	<1	2	3	5	8	ywish org wed sst	OCTsst
214485	Pline W	5455226.3	483421	17550	7900	0.5	<1	-	<1	4	2	6	4	ywish org wed sst	OCTsst
214486	Pline W	5455269.6	483396	17600	7900	0.8	<1	-	<1	6	7	60	10	ywish org wed sst	OCTsst
214487	Pline W	5455312.91	483371	17650	7900	0.9	<1	-	<1	1	2	<3	3	med ly gy qtz sst	OCTsst
214488	Pline W	5455356.21	483346	17700	7900	0.8	<1	-	<1	3	2	8	7	olive grn cy	?
214489	Pline W	5455399.51	483321	17750	7900	0.8	<1	-	<1	1	2	10	5	ywish org wed sst	OCTsst
214490	Pline W	5454442.81	483296	17800	7900	0.7	<1	-	<1	7	3	11	5	ywish org vred sst	OCTsst
214491	Pline W	5454486.11	483271	17850	7900	0.3	<1	-	<1	1	2	<3	8	med ly gy qtz sst	OCTsst
214492	Pline W	5454529.41	483246	17900	7900	0.6	<1	-	<1	6	3	5	23	ywish org wed qtz sst	OCTsst
214493	Pline W	5454572.71	483221	17950	7900	0.8	<1	-	<1	2	3	3	8	ywish org wed qtz sst	OCTsst
214494	Pline W	5454616.02	483196	18000	7900	0.8	<1	-	<1	3	2	4	8	ywish org wed qtz sst	OCTsst
214495	Pline W	5454659.32	483171	18050	7900	0.6	<1	-	<1	2	2	4	7	ywish org wed qtz sst	OCTsst
214496	Pline W	5454702.62	483146	18100	7900	0.6	<1	-	<1	4	2	5	6	ywish org wed qtz sst	OCTsst
214497	Pline W	5454745.92	483121	18150	7900	0.6	<1	-	<1	1	2	2	4	med ly gy qtz sst	OCTsst
214498	Pline W	5454789.22	483096	18200	7900	0.6	<1	-	<1	2	3	4	2	med ly gy qtz sst, clayey	?
214499	Pline W	5454832.52	483071	18250	7900	0.4	<1	-	<1	2	2	<3	2	med ly gy qtz sst, clayey	?
214500	Pline W	5454875.82	483046	18300	7900	0.6	<1	-	<1	5	3	<3	6	ywish org cy aft sst	OCTsst
214501	Pline W	5453731.04	484607.81	15350	8000	0.7	<1	-	<1	5	4	<3	7	med bn cy aft wed sst	OCTsst
214502	Pline W	5453414.34	484582.81	15400	8000	0.5	<1	-	<1	2	<3	<3	7	med ly gy qtz sst	OCTsst
214503	Pline W	5453457.64	484557.81	15450	8000	0.4	<1	-	<1	1	2	<3	3	med ly gy qtz sst	OCTsst
214504	Pline W	5453500.94	484532.81	15500	8000	0.4	<1	-	<1	3	3	<3	2	med ly gy qtz sst	OCTsst
214505	Pline W	5453544.24	484507.81	15550	8000	0.4	<1	-	<1	1	2	3	6	med ly gy qtz sst	OCTsst
214506	Pline W	5453587.54	484482.81	15600	8000	0.6	<1	-	<1	1	3	<3	5	med ly gy qtz sst	OCTsst
214507	Pline W	5453630.85	484457.81	15650	8000	0.6	<1	-	<1	2	3	<3	6	med ly gy qtz sst	OCTsst
214508	Pline W	5453674.15	484432.81	15700	8000	0.6	<1	-	<1	11	3	5	12	dk yelish org cy	?
214509	Pline W	5453717.45	484407.81	15750	8000	0.3	<1	<1	<1	2	3	2	5	med ly gy qtz sst	OCTsst
214510	Pline W	5453760.75	484382.81	15800	8000	0.4	<1	-	<1	1	2	<3	3	ywish org vred sst	OCTsst
214511	Pline W	5453804.05	484357.81	15850	8000	0.4	<1	-	<1	1	2	<3	5	ywish org vred sst	OCTsst
214512	Pline W	5453847.35	484332.8	15900	8000	0.4	<1	-	<1	5	2	<3	6	dk yelish org cy	?
214513	Pline W	5453890.65	484307.8	15950	8000	0.4	<1	-	<1	1	2	<3	<2	med gy vred sst	?
214514	Pline W	5453933.96	484282.8	16000	8000	0.4	<1	-	<1	2	2	<3	4	med gy vred sst	OCTsst
214515	Pline W	5453977.26	484257.8	16050	8000	0.4	<1	-	<1	2	2	<3	8	lt gy wed sst	OCTsst
214516	Pline W	5454020.56	484232.8	16100	8000	0.5	<1	-	<1	3	2	<3	4	lt gy wed sst	OCTsst
214517	Pline W	5454063.86	484207.8	16150	8000	0.5	<1	-	<1	1	2	<3	<2	lt gy wed sst	OCTsst
214518	Pline W	5454107.16	484182.8	16200	8000	0.4	<1	-	<1	<1	<2	<3	3	ywish gy wed s

Sample Number	Area/easting	AMG Northing	AMG Easting	Grid North(m)	Grid East(m)	Sample Depth	Au	Au(p)	Au (ave)	As	Cu	Pb	Zn	Chips Description - abbreviated (or 'Macchiarini')	Interpreted Geology
214652	Pkd Hill	5434626.78	484402.22	16800	8600	0.6	<1	-	<1	1	<2	10	<2	v p org weol qtz sst	OCTsstre
214653	Pkd Hill	5434627.08	484377.22	16950	8600	0.8	<1	-	<1	4	2	13	<2	mwhish gy weol sst w rdd pebbles	alt
214654	Pkd Hill	5435013.36	484402.22	16950	8600	0.7	<1	-	<1	3	2	8	<2	gylish org weol qtz sst	OCTsst
214655	Pkd Hill	5435056.69	484327.22	16950	8600	0.7	<1	-	<1	8	3	10	<2	gylish org weol qtz sst	OCTsst
214656	Pkd Hill	5435056.99	484302.22	16950	8600	0.6	<1	-	<1	<1	<2	8	<2	VA yel sst w vfg	OCTsstre
214657	Pkd Hill	5434633.07	483761.19	16350	7600	0.4	<1	-	<1	<1	2	8	<2	pale yw lyn weol qtz sst	OCTsst
214658	Pkd Hill	5434562.37	483759.19	16400	7600	0.4	<1	-	<1	1	2	9	<2	pale yw lyn weol qtz sst	OCTsst
214659	Pkd Hill	5434123.07	483711.19	16450	7600	0.4	<1	<1	<1	4	3	12	<2	gylish org weol qtz sst	OCTsst
214660	Pkd Hill	5434122.27	483661.19	16550	7600	0.4	<1	-	<1	1	2	8	<2	pale yw lyn weol qtz sst	OCTsst
214661	Pkd Hill	5434253.87	483638.19	16600	7600	0.4	<1	-	<1	1	3	9	<2	gylish org weol qtz sst	OCTsst
214653	Pkd Hill	5434298.97	483611.19	16650	7600	0.4	<1	-	<1	4	4	8	<2	gylish org weol qtz sst	OCTsst
214654	Pkd Hill	5434340.18	483566.19	16700	7600	0.5	<1	-	<1	39	5	18	5	gylish org sst	OCTsst
214655	Pkd Hill	5434383.48	483561.19	16700	7600	0.6	<1	-	<1	<1	4	6	2	mwd lt gy weol qtz sst	OCTsst
214656	Pkd Hill	5434426.78	483536.19	16800	7600	0.4	<1	-	<1	<1	6	5	7	mwd lt gy weol qtz sst	OCTsst
214657	Pkd Hill	5434470.08	483511.19	16850	7600	0.4	<1	-	<1	10	3	16	4	gylish org weol qtz sst	OCTsst
214658	Pkd Hill	5434513.38	483486.19	16900	7600	0.4	<1	-	<1	1	2	9	<2	gylish org weol qtz sst	OCTsst
214659	Pkd Hill	5434556.68	483461.19	16950	7600	0.5	<1	-	<1	1	3	4	<2	mod lt gy weol qtz sst	OCTsst
214670	Pkd Hill	5434599.99	483436.19	17000	7600	0.6	<1	-	<1	<1	<2	8	<2	gylish org weol qtz sst	OCTsst
214671	Pkd Hill	5434643.29	483411.19	17050	7600	0.5	<1	<1	<1	1	2	<3	<2	gylish org weol qtz sst	OCTsst
214672	Pkd Hill	5434686.59	483386.19	17100	7600	0.4	<1	-	<1	4	4	4	<2	gylish org weol qtz sst	OCTsst
214673	Pkd Hill	5434729.89	483361.19	17150	7600	0.4	<1	-	<1	1	<2	<3	<2	gylish org weol qtz sst	OCTsst
214674	Pkd Hill	5434773.19	483336.19	17200	7600	0.4	<1	-	<1	2	2	8	<2	gylish org weol qtz sst	OCTsst
214675	Pkd Hill	5434816.49	483311.19	17250	7600	0.7	<1	-	<1	11	6	22	6	gylish org cy	OCTsst
214676	Pkd Hill	5434592.79	483336.19	17250	7600	0.8	<1	-	<1	11	3	9	3	gylish org cy	OCTsst
214677	Pkd Hill	5434603.1	483261.19	17350	7600	0.7	<1	-	<1	3	3	13	3	gylish org weol qtz sst	OCTsst
214678	Pkd Hill	5434646.4	483236.19	17400	7600	0.5	<1	-	<1	3	2	8	<2	gylish org weol qtz sst	OCTsst
214679	Pkd Hill	5434689.7	483211.19	17450	7600	0.4	<1	-	<1	5	<2	3	2	gylish org weol qtz sst	OCTsst
214680	Pkd Hill	5434733	483186.19	17500	7600	0.5	<1	<1	<1	8	2	19	<2	gylish org weol qtz sst	OCTsst
214681	Pkd Hill	5435078.3	483161.19	17550	7600	0.5	<1	-	<1	<1	2	4	2	gylish org mod qtz sst w qtz vng	OCTsst
214682	Pkd Hill	5435119.6	483136.19	17600	7600	0.6	<1	-	<1	1	2	19	<2	gylish org weol qtz sst	OCTsst
214683	Pkd Hill	5435162.9	483111.19	17650	7600	0.4	<1	-	<1	5	3	4	<2	gylish org weol qtz sst	OCTsst
214684	Pkd Hill	5435206.21	483086.19	17700	7600	0.7	<1	-	<1	7	2	11	4	gylish org weol qtz sst	OCTsst
214685	Pkd Hill	5435249.51	483061.19	17750	7600	0.7	<1	-	<1	2	<2	3	<2	gylish org weol qtz sst	OCTsst
214686	Pkd Hill	5435292.81	483036.19	17800	7600	0.7	<1	-	<1	3	2	4	<2	pale yw lyn weol qtz sst	OCTsst
214687	Pkd Hill	5435336.11	483011.19	17850	7600	0.4	<1	-	<1	<1	3	2	<2	pale yw lyn weol qtz sst	OCTsst
214688	Pkd Hill	5434609.37	483949.59	16400	7500	0.3	<1	-	<1	3	2	5	<2	pale yw lyn weol qtz sst	OCTsst
214689	Pkd Hill	5434653.67	483924.59	16450	7500	0.4	<1	-	<1	1	3	<3	<2	pale yw lyn weol qtz sst	OCTsst
214690	Pkd Hill	5434116.97	483559.59	16850	7500	0.4	<1	-	<1	6	3	<3	2	pale yw lyn weol qtz sst	OCTsst
214691	Pkd Hill	5434160.27	483574.59	16800	7500	0.4	<1	-	<1	3	2	<3	3	pale yw lyn weol qtz sst	OCTsst
214692	Pkd Hill	5434203.57	483549.59	16650	7500	0.4	<1	-	<1	<1	4	3	4	gylish org weol qtz sst	OCTsst
214693	Pkd Hill	5434246.87	483524.59	16850	7500	0.4	<1	-	<1	1	4	<3	3	pale yw lyn weol qtz sst	OCTsst
214694	Pkd Hill	5434290.18	483499.59	16900	7500	0.5	<1	<1	<1	1	2	8	4	gylish org w fol qtz sst	OCTsst
214695	Pkd Hill	5434333.48	483474.59	16750	7500	0.4	<1	-	<1	3	3	<3	3	pale yw lyn weol qtz sst	OCTsst
214696	Pkd Hill	5434376.78	483449.59	16800	7500	0.3	<1	-	<1	4	4	<3	2	pale yw lyn weol qtz sst	OCTsst
214697	Pkd Hill	5434420.08	483424.59	16850	7500	0.4	<1	-	<1	3	2	<3	2	pale yw lyn weol qtz sst	OCTsst
214698	Pkd Hill	5434463.38	483399.59	16900	7500	0.4	<1	-	<1	1	3	5	<2	pale yw lyn weol qtz sst	OCTsst
214699	Pkd Hill	5435086.68	483374.59	16950	7500	0.4	<1	-	<1	1	4	4	3	pale yw lyn weol qtz sst	OCTsst
214700	Pkd Hill	5434549.99	483349.59	17000	7500	0.4	<1	-	<1	10	3	11	3	gylish org weol qtz sst	OCTsst
214701	Pkd Hill	5434593.29	483324.59	17050	7500	0.4	<1	-	<1	3	3	3	2	lt gy weol qtz sst	OCTsst
214702	Pkd Hill	5434636.59	483299.59	17100	7500	0.4	<1	-	<1	20	3	37	6	dk yelish org weol qtz sst	OCTsst
214703	Pkd Hill	5434679.89	483274.59	17150	7500	0.5	<1	-	<1	29	3	132	9	dk yelish org weol qtz sst	OCTsst
214704	Pkd Hill	5434725.19	483249.59	17200	7500	0.4	<1	<1	<1	13	3	193	7	dk yelish org weol qtz sst	OCTsst
214705	Pkd Hill	5434766.49	483224.59	17250	7500	0.3	<1	-	<1	11	3	68	6	dk yelish org weol qtz sst	OCTsst
214706	Pkd Hill	5434809.79	483199.59	17300	7500	0.6	<1	-	<1	8	4	13	5	dk yelish org weol qtz sst	OCTsst
214707	Pkd Hill	5434853.1	483174.59	17350	7500	0.6	<1	-	<1	1	2	3	<2	gylish org weol qtz sst w qtz vng	OCTsst
214708	Pkd Hill	5434896.4	483149.59	17400	7500	0.7	<1	<1	<1	7	2	15	6	dk yelish org w lt wthd qtz sst	OCTsst
214709	Pkd Hill	5434899.7	483124.59	17450	7500	0.3	<1	-	<1	2	2	3	5	dk yelish org weol qtz sst	OCTsst
214710	Pkd Hill	5434983	483099.59	17500	7500	0.4	<1	-	<1	2	2	7	3	pale yw lyn weol qtz sst	OCTsst
214711	Pkd Hill	5435028.3	483074.59	17550	7500	0.6	<1	-	<1	6	4	16	8	dk yelish org weol qtz sst	OCTsst
214712	Pkd Hill	5435069.6	483049.59	17600	7500	0.4	<1	-	<1	1	3	3	2	lt gy weol qtz sst	OCTsst
214713	Pkd Hill	5435112.9	483024.59	17650	7500	0.5	<1	-	<1	<1	2	<3	<2	lt gy weol qtz sst	OCTsst
214714	Pkd Hill	5435156.21	482999.59	17700	7500	0.5	<1	-	<1	2	2	5	3	gylish org weol qtz sst	OCTsst
214715	Pkd Hill	5434623.67	483537.99	16450	7400	0.4	<1	-	<1	1	2	<3	2	gylish org weol qtz sst	OCTsst
214716	Pkd Hill	5434666.97	483512.99	16500	7400	0.4	<1	-	<1	1	2	3	2	mwd lt gy weol qtz sst	OCTsst
214717	Pkd Hill	5434710.27	483487.99	16550	7400	0.4	<1	-	<1	1	2	<3	2	mwd lt gy weol qtz sst	OCTsst
214718	Pkd Hill	5434753.57	483462.99	16600	7400	0.4	<1	-	<1	<1	2	<3	<2	gylish org weol qtz sst	OCTsst
214719	Pkd Hill	5434189.87	483437.99	16650	7400	0.4	<1	-	<1	1	2	<3	<2	mwd lt gy weol qtz sst	OCTsst
214720	Pkd Hill	5434340.18	483412.99	16700	7400	0.4	<1	-	<1	4	6	5	5	lt gy weol qtz sst	OCTsst
214721	Pkd Hill	5434383.48	483387.99	16750	7400	0.4	<1	<1	<1	2	3	3	<2	lt gy weol qtz sst	OCTsst
214722	Pkd Hill	5434326.78	483362.99	16800	7400	0.4	<1	-	<1	<1	2	6	2	lt gy weol qtz sst	OCTsst
214723	Pkd Hill	5434370.08	483337.99	16850	7400	0.4	<1	-	<1	4	2	3	3	gylish org weol qtz sst	OCTsst
214724	Pkd Hill	5434413.38	483312.99	16900	7400	0.4	<1	<1	<1	2	3	<3	3	gylish org weol qtz sst	OCTsst
214725	Pkd Hills	5434650.69	483312.99	17000	7400	0.3	<1	-	<1	4	3	<3	2	gylish org weol qtz sst	OCTsst
214726	Pkd Hill	5434499.98	483263.08	17050	7400	0.5	<1	-	<1	13	3	10	<2	gylish org weol qtz sst	OCTsst
214727	Pkd Hill	5434543.28	483237.98	17100	7400	0.4	<1	-	<1	3	2	10	<2	gylish org weol qtz sst	OCTsst
214728	Pkd Hill	5434588.59	483212.98	17150	7400	0.4	<1	<1	<1	3	2	10	<2	gylish org weol qtz sst	OCTsst
214729	Pkd Hill	5434631.89	483187.98	17150	7400	0.6	<1	-	<1	2	2	<3	<2	v p org sand alt qtz sst	OCTsst
214730	Pkd Hill	5434673.19	483162.98	17200	7400	0.4	<1	-	<1	3	3	<3	<2	lt gy weol qtz sst	OCTsst
214731	Pkd Hill	5434716.49	483137.98	17250	7400	0.6	<1	-	<1	2	2	<3	<2	dk yelish org weol qtz sst	OCTsst
214732	Pkd Hill	5434759.79	483112.98	17300	7400	0.7	<1	-	<1	5	2	4	2	pale yw lyn qtz sst	OCTsst
214733	Pkd Hill	5434603.1	483087.98	17350	7400	0.5	<1	-	<1	1	2	4	<2	gylish org weol qtz sst	OCTsst
214734	Pkd Hill	5434646.4	483062.98	17400	7400	0.6	<1	-	<1	3	2	<3	2	gylish org weol qtz sst	OCTsst
214735	Pkd Hill	5434689.7	483037.98	17450	7400	0.5	<1	-	<1	6	2	4	6	gylish org weol qtz sst	OCTsst
214736	Pkd Hill	5434733	483012.98	17500	7400	0.4	<1	-	<1	<1	2	<3	<2	pale yw lyn weol qtz sst	OCTsst
214737	Pkd Hill	5434916.97	483436.38	16500	7300	0.6	<1	-	<1	1	2	<3	<2	pale yw lyn weol qtz sst	OCTsst
214738	Pkd Hill	5434960.27	483411.38	16550	7300	0.5	<1	-	<1	2	2	19	<2	gylish org weol qtz sst	OCTsst
214739	Pkd Hill	5434103.57	483376.38	16600	7300	0.4	<1	-	<1	2	2	<3	<2	mwd lt gy qtz sst	OCTsst
214740	Pkd Hill	5434146.87	483351.38	16650	7300	0.6	<1	-	<1	<1	2	6	<2	gylish org weol qtz sst	OCTsst
214741	Pkd Hill	5434190.18	483326.38	16700	7300	0.6	<1	<1	<1	3	<2	15	6	dk yelish org clayey wod qtz sst	OCTsst
214742	Pkd Hill	5434233.48	483301.38	16750	7300	0.4	<1	-	<1	2	<2	8	3	pale yw lyn weol qtz sst	OCTsst
214743	Pkd Hill	5434276.78	483276.38	16800	7300	0.6	<1	-	<1	17	<2	11	5	pale yw lyn weol qtz sst	OCTsst
214744	Pkd Hill	5434320.08	483251.38	16850	7300	0.4	<1	-	<1	<1	<2	3	<2	pale yw lyn weol qtz sst	OCTsst
214745	Pkd Hill	5434363.38	483226.38	16900	7300	0.4	<1	-	<1	1	<2	3	<2	gylish org weol qtz sst	OCTsst
214746	Pkd Hill	5434406.68	483201.38	16950	7300	0.8	<1	<1	<1	1	<2	<3	2	mwd lt gy weol qtz sst	OCTsst
214747	Pkd Hill	5434449.98	483176.38	17000	7300	0.5	<1	-	<1	<1	2	7	<2	gylish org weol qtz sst	OCTsst
214748	Pkd Hill	5434493.29	483151.38	17050	7300	0.6	<1	-	<1	<1	<2	<3	<2	mwd lt gy weol qtz sst	OCTsst
214749	Pkd Hill	5434536.59	483126.38	17100	7300	0.6	<1	-	<1	<1	<2	<3	<2	gylish org weol qtz sst	OCTsst
214750	Pkd Hill	5434579.89	483101.38	17150	7300	0.7	<1	-	<1	<1	2	<3	<2	lt gy weol qtz sst	OCTsst
214751	Pkd Hill	5434623.19	483076.38	17200	7300	0.5	<1	-	<1	<1	2	<3	3	lt gy weol qtz sst	OCTsst
214752	Pkd Hill	5434666.49	483051.38	17250	7300	0.5	<1	-	<1	<1	2	<3	3	lt gy weol qtz sst	OCTsst
214753	Pkd Hill	5434709.79	483026.38	17300	7300	0.5	<1	-	<1	<1	2	<3	3	mwd lt gy weol qtz sst	OCTsst
214754	Pkd Hill	5434753.1	483001.38	17350	7300	0.5	<1	-	<1	<1	2	<3	5	mwd lt gy weol qtz sst	OCTsst
214755	Pkd Hill	5434016.27	483314.78	16550	7200	0.4	<1	-	<1	5	2	<3	3	v p org weol qtz sst	OCTsst
214756	Pkd Hill	5434059.57	483289.78	16600	7200	0.4	<1	-	<1	1	2	<3	2	v p org weol qtz sst	OCTsst
214757	Pkd Hill	5434060.87	483264.78	16650	7200	0.5	<1	-	<1	2	2	<3	2	v p org weol qtz sst	OCTsst
214758	Pkd Hill	5434146.18	483239.78	16700	7200	0.4	<1	-	<1	5	2	<3	2	gylish org weol qtz sst	OCTsst
214759	Pkd Hill	5434189.48	483214.78	16750	7200	0.5	<1	<1	<1	4	<2	<3	2	gylish org weol qtz sst	OCTsst
214760	Pkd Hill	5434232.78	483189.78	16800	7200	0.6	<1	-	<1	<1	<2	<3	<2	mwd lt gy weol qtz sst	OCTsst
214761	Pkd Hill	5434276.08	483164.78	16850	7200	0.5	<1	-	<1	<1	2	<3	2	mwd lt gy weol qtz sst	OCTsst
214762	Pkd Hill	5434319.38	483139.78	16900	7200	0.5	<1	-	<1	<1	2	<3	3	mwd lt gy weol qtz sst	OCTsst
214763	Pkd Hill	5434362.68	483114.78	16950	7200	0.6	<1	<1	<1	2	2	<3	<2	gylish org weol qtz sst	OCTsst
214764	Pkd Hill	5434393.98	483089.78	17000	7200	0.8	<1	-	<1	2	<2	<3	<2	gylish org weol qtz sst	OCTsst
214765	Pkd Hill	5434449.29	483064.78	17050	7200	0.5	<1	-	<1	1	6	<3	3	mwd lt gy weol qtz sst	OCTsst
214766	Pkd Hill	5434488.59	483039.78	17100	7200	0.4	<1	-	<1	1	<2	5	<2	gylish org weol qtz sst	OCTsst
214767	Pkd Hill	5434529.89	483014.78	17150	7200	0.4	<1	-	<1	<1	<2	4	<2	gylish org weol qtz sst	OCTsst
214768	Pkd Hill	5434033.87	483203.18	16600	7100	0.5	<1	-	<1	1	<2	6	2	gylish org weol qtz sst	OCTsst
214769	Pkd Hill	5434048.87	483178.18	16650	7100	0.4	<1	-	<1	<1	<2	9	2	gylish org weol qtz sst	OCTsst
214770	Pkd Hill	5434090.18	483153.18	16700	7100	0.3	<1	-	<1	4	3	6	2	mwd lt gy qtz sst	OCTsst
214771	Pkd Hill	5434133.48	483128.18	16750	7100	0.5	<1	<1	<1	<1	<2	4	2	mwd lt gy qtz sst	OCTsst
214772	Pkd Hill	5434176.78	483103.18	16800	7100	0.5	<1	-	<1	<1	2	<3	2	mwd lt gy qtz sst	OCTsst
214773	Pkd Hill	5434220.08	483078.18	16850	7100	0.4	<1	-	<1	<1	<2	<3	2	mwd lt gy qtz sst	OCTsst
214774	Pkd Hill	5434263.38	483053.18	16900	7100	0.6	<1	-	<1	2	<2	<3	2	gylish org weol qtz sst	OCTsst
214775	Pkd Hill	5434306.68	483028.18	16950	7100	0.5	<1	-	<1	<1	<2	<3	3	mwd lt gy weol qtz sst	OCTsst
214776	Pkd Hill	5434349.98	483003.18	17000	7100	0.4	<1	-	<1	<1	<2	<3	2	mwd lt gy weol qtz sst	OCTsst
214777	Pkd Hill	5433998.87	483091.57	16650	7000	0.5	<1	-	<1	1	3	17	10	mwd lt gy qtz sst	OCTsst
214778	Pkd Hill	5434040.18	483066.57	16700	7000	0.4	<1	-	<1	12	23	5	15	gylish org weol qtz sst	OCTsst
214779	Pkd Hill	5434083.48	483041.57	16750	7000	0.4	<1	-	<1	5	14	<3	9	gylish org weol qtz sst	OCTsst
214780	Pkd Hill	5434126.78	483016.57	16800	7000	0.4	<1	-	<1	3	5	13	3	gylish org weol qtz sst	OCTsst
214781	Pkd Hill	5433384.43	482630.81	16550	6200	0.7	<1	-	<1	2	<2	3	9	mod yel brn weol qtz sst	OCTsst
214782	Pkd Hill	5433427.74	482605.81	16600	6200	0.5	<1	<1	<1	1	2	<3	6	v p org weol qtz sst	OCTsst
214783	Pkd Hill	5433471.04	482760.81	16350	6200	0.5	<1	-	<1	3	2	<3	12	gylish org weol qtz sst	OCTsst
214784	Pkd Hill	5433514.34	482755.81	16400	6200	0.5	<1	-	<1	2	3	5	14	v p org weol qtz sst	OCTsst
214785	Pkd Hill	5433557.64	482730.81	16450	6200	0.5	<1	-	<1	2	2	4	4	gylish org weol qtz sst	OCTsst
214786	Pkd Hill	5433600.84	482705.81	16500	6200	0.5	<1	-	<1	5	2	<3	11	gylish org weol qtz sst	OCTsst
214787	Pkd Hill	5433644.24	482680.81	16550	6200	0.5	<1	-	<1	<1	<2	3	9	gylish org weol qtz sst	OCTsst
214788	Pkd Hill	5433687.54	482655.81	16600	6200	0.6	<1	-	<1	<1	2	<3	4	lt gy qtz sst	OCTsst
214789	Pkd Hill	5433730.85	482630.81	16650	6200	0.6	<1	-	<1	1	2	<3	6	lt gy qtz sst	OCTsst
214790	Pkd Hill	5433774.15	482605.81	16700	6200	0.5	<1	-	<1	<1	2	<3	7	lt gy qtz sst	OCTsst
214791	Pkd Hill	5433817.45	482580.81	16750	6200	0.5	<1	-	<1	<1	2	<3	6	lt gy qtz sst	OCTsst
214792	Pkd Hill	5433860.75	482555.81	16800	6200	0.6	<1	-	<1	11	4	<3	20	gylish org weol qtz sst	OCTsst
214793	Pkd Hill	5433904.05	482530.81	16850	6200	0.7	<1	-	<1	1	2	<3	8	v p org weol qtz sst	OCTsst
214794	Pkd Hill	5433947.35	482505.81	16900	6200	1	<1	-	<1	2	2	3	9	gylish org weol qtz sst	OCTsst
214795	Pkd Hill	5433990.66	482480.81	16950	6200	0.6	<1	-	<1	4	<2	5	6	gylish org weol qtz sst	OCTsst
214796	Pkd Hill	5434033.96	482455.81	17000	6200	0.5	<1	-	<1	<1	2	<3	5	mwhish org weol qtz sst	OCTsst
214797	Pkd Hill	5434077.26	482430.81	17050	6200	0.5	<1	-	<1	3	3	4	<3	12	ywish org weol qtz sst	OCTsst
214798	Pkd Hill	5434120.56	482405.81	17100	6200	0.5	<1	-	<1	3	2	<3	3	ywish org weol qtz sst	OCTsst
214799	Pkd Hill	5434163.86	482380.81	16150	6200	0.6	<1	-	<1	5	5	<3	21	dk yelish org clay	OCTsst
214800	Pkd Hill	5434207.16	482355.81	16200	6200	0.5	<1	-	<1	2	<2	<3	8	gylish org clayey wod qtz sst	OCTsst
214801	Pkd Hill	5434250.46	482330.81	16250	6200	0.4	<1	-	<1	<1	<2	5	10	gylish org clayey wod qtz sst	OCTsst
214802	Pkd Hill	5434243.77	482305.81	16300	6200	0.4	<1	-	<1	<1	<2	5	40	gylish org clayey wod qtz sst	OCTsst
214803	Pkd Hill	5434337.07	482280.81	16350	6200	0.5	<1	-	<1	5	2	4	23	gylish org clayey wod qtz sst	OCTsst
214804	Pkd Hill	5434380.37	482255.81	16400	6200	0.6	<1	-	<1	<1	3	9	19	gylish org clayey wod qtz sst	OCTsst
214805	Pkd Hill	5434423.67	482230.81	16450	6200	0.6	<1	-	<1	<1	<2	<3	2	lt gy qtz sst	OCTsst
214806	Pkd Hill	5434466.97	482205.81	16500	6200	0.6	<1	-	<1	2	<2	3	4	gylish org clayey wod qtz sst	OCTsst
214807	Pkd Hill	5434510.27	482180.81	16550	6200	0.6	<1	-	<1	<1	<2	3	2	gylish org clayey wod qtz sst	OCTsst
214808	Pkd Hill	5434553.57	482155.81	16600	6200	0.4	<1	-	<1	<1	<2	<3	<2	mod yel brn qtz sst	OCTsst
214809	Pkd Hill	5434596.88	482130.81	16650	6200	0.4	<1	-	<1	<1	<2	<3	<2	gylish org weol qtz sst	OCTsst
214810	Pkd Hill	5434640.18	482105.81	16700	6200	0.6	<1	-	<1	<1	<2	3	<2	gylish org weol qtz sst	OCTsst
214811	Pkd Hill	5434683.48	482080.81	16750	6200	0.6	<1	-	<1	2	2	11	3	gylish org weol qtz sst	OCTsst
214812	Pkd Hill	5434726.78	482055.81	16800	6200	0.6	<1	-	<1	<1	2	33	2	gylish org weol qtz sst	OCTsst
214813	Pkd Hill	5434770.08	482030.81	16850	6200	0.6	<1	-	<1	<1	2	6	6	gylish org weol qtz sst	OCTsst
214814	Pkd Hill	5434813.38	482005.81	16900	6200	0.6	<1	-	<1	<1	2	14	5	gylish org weol qtz sst	OCTsst
214815	Pkd Hill	5434856.69	483993.81	16950	6200	0.5	<1	<1	<1	<1	<2	<3	3	gylish org weol qtz sst	OCTsst
214816	Pkd Hill	5434899.99	483968.81	17000	6200	0.7	<1	-	<1	4	2	7	6	gylish org weol qtz sst	OCTsst
214817	Pkd Hill	5434943.29	483943.81	17050	6200	0.6	<1	-	<1	5	2	3	2	gylish org weol qtz sst w qtz vng	OCTsst
214818	Pkd Hill	5434986.59	483918.81	17100	6200	0.6	<1	-	<1	<1	2	<3	<2	gylish org weol qtz sst	OCTsst
214819	Pkd Hill	5435029.89	483893.81	17150	6200	0.5	<1	-	<1	<1	<2	<3	<2	gylish org weol qtz sst	OCTsst
214820	Pkd Hill	5435073.19	483868.81	17200	6200	0.6	<1	-	<1	10	2	5	<2	gylish org weol qtz sst	OCTsst
214821	Pkd Hill	5435116.49	483843.81	17250	6200	0.7	<1	<1	<1	1	<2	<3	4	gylish org weol qtz sst	OCTsst
214822	Pkd Hill	5435160.8	483499.59	17300	6200	0.6	<1	-	<1	2	2	6	9	gylish org clayey wod qtz sst	OCTsst
214823	Pkd Hill	5435203.1	483760.81	17350	6200	0.7	<1	-	<1	2	2	6	6	gylish org clayey wod qtz sst	OCTsst
214824	Pkd Hill	5435246.4	483755.81	17400	6200	0.7	<1	<1	<1	1	2	7	7	gylish org clayey wod qtz sst	OCTsst
214825	Pkd Hill	5435289.7	483730.81	17450	6200	0.4	<1	-	<1	2	2	6	6	mwd lt gy weol qtz sst	OCTsst
214826	Pkd Hill	5435333	483705.81	17500	6

Sample Number	Area/Claims/Line	AMG Northing	AMG Easting	Grid North(m/N)	Grid East(m/E)	Sample Depth	Au	Au(R)	As (ave)	As	Cu	Pb	Zn	Grids Description - abbreviated (to MacDonald)	Interpreted Geology
214970	C Hill/Rockery Rd	5429269.11	6990378.76	11700	7200	0.7	<1		<1	4	5	14	14	qtz vn veg qtz sst	
214971	C Hill/Rockery Rd	5429533.71	6990147.79	11100	7200	0.4	<1	<1	3	3	4	12	19	med fr qtz rdd pebbles	Perm?
214972	C Hill/Rockery Rd	5429277.01	6989983.79	11700	7200	0.9	<1	<1	<1	16	5	19	20	pale grn veg sdd pebbles	Perm?
214973	C Hill/Rockery Rd	5429420.31	6990484.79	11250	7200	0.7	<1		<1	13	12	12	13	dk yw/wh bn rdd pebbles	
214974	C Hill/Rockery Rd	5429483.61	6990499.79	11350	7200	0.8	<1		<1	2	18	26	25	pale yw bn wed sst, vry foi	CHBsst
214975	C Hill/Rockery Rd	5429596.92	6990479.76	11350	7200	0.9	<1		<1	10	15	28	37	pale yw bn wed sst, vry foi	CHBsst
214976	C Hill/Rockery Rd	5429596.92	6990479.76	11400	7200	0.8	<1		<1	8	10	22	55	pale yw bn wed sst, vry foi	CHBsst
214977	C Hill/Rockery Rd	5429600.22	6990580.79	11400	7200	0.6	<1		<1	7	9	19	37	pale yw bn wed sst, vry foi	CHBsst
214978	C Hill/Rockery Rd	5429583.52	6990584.79	11450	7200	0.6	<1		<1	6	9	20	29	pale yw bn wed sst, vry foi	CHBsst
214979	C Hill/Rockery Rd	5429535.82	6990539.79	11500	7200	0.7	<1		<1	11	16	37	48	pale yw bn wed sst, vry foi	CHBsst
214980	C Hill/Rockery Rd	5429660.12	6990484.79	11550	7200	0.7	<1	<1	<1	2	9	16	34	pale yw bn wed sst, vry foi	CHBsst
214981	C Hill/Rockery Rd	5429723.42	6990789.79	11600	7200	0.7	<1		<1	2	7	9	16	26	pale yw bn wed sst, vry foi	CHBsst
214982	C Hill/Rockery Rd	5429766.72	6990784.79	11650	7200	0.5	<1		<1	2	9	15	20	72	dk yw/ash bn cgy	
214983	C Hill/Rockery Rd	5429810.03	6990739.79	11700	7200	0.9	<1		<1	9	15	30	21	37	pale yw bn wed sst, vry foi	CHBsst
214984	C Hill/Rockery Rd	5429853.33	6990741.79	11750	7200	0.8	<1		<1	7	9	21	30	pale yw bn wed sst, vry foi	CHBsst
214985	C Hill/Rockery Rd	5429866.63	6990886.79	11800	7200	0.8	<1	<1	<1	14	11	17	30	pale yw bn wed sst, vry foi	CHBsst
214986	C Hill/Rockery Rd	5429299.93	6990554.79	11350	7200	0.5	<1		<1	6	7	17	32	pale yw bn wed sst, vry foi	CHBsst
214987	C Hill/Rockery Rd	5429383.23	6990539.79	11400	7200	0.9	<1		<1	8	12	21	32	pale yw bn wed sst, vry foi	CHBsst
214988	C Hill/Rockery Rd	5429406.53	6990514.79	11450	7200	0.9	<1		<1	22	19	19	35	pale yw bn wed sst, vry foi	CHBsst
214989	C Hill/Rockery Rd	5430308.53	6990514.79	11050	7200	0.7	<1		<1	7	9	21	35	pale yw bn cy	?
214990	C Hill/Rockery Rd	5430299.83	6990589.79	11000	7200	0.5	<1		<1	7	9	20	42	pale yw bn cy	?
214991	C Hill/Rockery Rd	5430113.14	6990564.79	12000	7200	0.9	<1		<1	7	9	22	46	pale yw bn cy	Perm?
214992	C Hill/Rockery Rd	5430156.44	6990539.79	12050	7200	0.9	<1		<1	4	6	17	22	rdd pebbles	Perm?
214993	C Hill/Rockery Rd	5430299.45	6990563.81	12600	8000	0.6	<1		<1	4	4	16	19	rdd cobbles all sst	Perm?
214994	C Hill/Rockery Rd	5430299.45	6990563.81	12650	8000	0.6	<1		<1	2	3	12	2	dk wh/ash bn rdd pebbles	Perm?
214995	C Hill/Rockery Rd	5431406.06	6990676.79	11250	7500	0.6	<1		<1	2	3	12	27	pale yw/ash bn rdd pebbles	Perm?
214996	C Hill/Rockery Rd	5431119.38	6990907.81	11700	8000	0.8	<1		<1	4	5	8	4	med gy sandy wed sst	Perm lag
214997	C Hill/Rockery Rd	5431462.87	6990826.81	12600	8000	0.5	<1		<1	4	4	8	4	pale/ltgrn veg wed fld stn/ph	Perm?
214998	C Hill/Rockery Rd	5428996	6990328.4	10700	7500	0.6	<1	<1	<1	5	10	14	13	pale yw bn wed fld stn/ph	CHBsst
214999	C Hill/Rockery Rd	5429097.9	6990328.4	10750	7500	0.7	<1	<1	<1	6	8	16	16	pale yw bn wed fld stn/ph	CHBsst
215000	C Hill/Rockery Rd	5429098.6	6990276.4	10000	7500	0.6	<1	<1	<1	6	21	35	16	pyish grn veg fld stn/ph	CHBslt
215001	C Hill/Rockery Rd	5429123.91	6990351.39	10050	7500	0.8	<1	<1	<1	6	12	25	19	pyish grn veg wed fld stn/ph	CHBslt
215002	C Hill/Rockery Rd	5429167.2	6990226.39	10000	7500	0.6	<1	<1	<1	6	13	36	21	pyish/ltgrn veg wed fld stn/ph	CHBslt
215003	C Hill/Rockery Rd	5429210.5	6990201.39	10000	7500	0.8	<1	<1	<1	6	9	26	15	pyish/ltgrn veg wed fld stn/ph	CHBslt
215004	C Hill/Rockery Rd	5429253.81	6990176.39	10000	7500	0.5	<1	<1	<1	7	14	30	15	pale yw bn wed fld stn/ph	CHBslt
215005	C Hill/Rockery Rd	5429297.11	6990151.39	11100	7500	0.6	<1	<1	<1	13	10	44	30	dk yw grag clayey wed sst	CHBsst
215006	C Hill/Rockery Rd	5429427.71	6990076.39	11250	7500	0.6	<1	<1	<1	10	11	37	24	med fr yw bn cy w/ rdd pebbles	Perm?
215007	C Hill/Rockery Rd	5429470.31	6990051.39	11250	7500	0.6	<1	<1	<1	2	13	18	36	mod yw bn cy w/ rdd pebbles	Perm?
215008	C Hill/Rockery Rd	5429513.61	6990026.39	11300	7500	0.7	<1	<1	<1	3	8	13	15	med fr gg rdd pebbles	Perm?
215009	C Hill/Rockery Rd	5429556.92	6990001.39	11350	7500	0.5	<1	<1	<1	7	12	13	24	pale yw bn wed fld stn/ph	CHBslt
215010	C Hill/Rockery Rd	5429600.22	6989976.39	11400	7500	0.6	<1	<1	<1	8	12	15	21	pale yw bn wed fld stn/ph	CHBslt
215011	C Hill/Rockery Rd	5429643.52	6989951.39	11450	7500	0.6	<1	<1	<1	7	12	16	24	pale yw bn wed fld stn/ph	CHBslt
215012	C Hill/Rockery Rd	5429686.82	6989926.39	11500	7500	0.6	<1	<1	<1	7	12	16	20	pale yw bn wed fld stn/ph	CHBslt
215013	C Hill/Rockery Rd	5429730.12	6989901.39	11550	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215014	C Hill/Rockery Rd	5429773.42	6989876.39	11600	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215015	C Hill/Rockery Rd	5429816.72	6989851.39	11650	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215016	C Hill/Rockery Rd	5429860.03	6989826.39	11700	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215017	C Hill/Rockery Rd	5429903.33	6989801.39	11750	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215018	C Hill/Rockery Rd	5429946.63	6989776.39	11800	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215019	C Hill/Rockery Rd	5429989.93	6989751.39	11850	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215020	C Hill/Rockery Rd	5430033.23	6989726.39	11900	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215021	C Hill/Rockery Rd	5430076.54	6989701.39	11950	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215022	C Hill/Rockery Rd	5430119.84	6989676.39	12000	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215023	C Hill/Rockery Rd	5430163.14	6989651.39	12050	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215024	C Hill/Rockery Rd	5430206.44	6989626.39	12100	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215025	C Hill/Rockery Rd	5429107.39	6989540.6	10650	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215026	C Hill/Rockery Rd	5429150.69	6989515.6	10700	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215027	C Hill/Rockery Rd	5429994	6989469.6	10700	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215028	C Hill/Rockery Rd	5429193.71	6989747.6	10750	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215029	C Hill/Rockery Rd	5429160.6	6989469.6	10800	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215030	C Hill/Rockery Rd	5429201.22	6989747.6	10850	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215031	C Hill/Rockery Rd	5429243.82	6989747.6	10900	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215032	C Hill/Rockery Rd	5429286.42	6989747.6	10950	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215033	C Hill/Rockery Rd	5429329.03	6989747.6	11000	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215034	C Hill/Rockery Rd	5429371.63	6989747.6	11050	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215035	C Hill/Rockery Rd	5429414.23	6989747.6	11100	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215036	C Hill/Rockery Rd	5429456.83	6989747.6	11150	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215037	C Hill/Rockery Rd	5429499.43	6989747.6	11200	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215038	C Hill/Rockery Rd	5429542.03	6989747.6	11250	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215039	C Hill/Rockery Rd	5429584.64	6989747.6	11300	7500	0.6	<1	<1	<1	7	11	16	19	pale yw bn wed fld stn/ph	CHBslt
215040	C Hill/Rockery Rd	5430330.44	6989749.6	12150	7500	0.5	<1	<1	<1	3	12	17	8	pale yw bn cy	?
215041	C Hill/Rockery Rd	5430349.74	6989774.6	12150	7500	0.5	<1	<1	<1	2	4	17	7	pale yw bn cy	?
215042	C Hill/Rockery Rd	5430369.04	6989747.6	12200	7500	0.5	<1	<1	<1	10	16	12	12	pale yw bn cy	?
215043	C Hill/Rockery Rd	5430408.34	6989747.6	12250	7500	0.6	<1	<1	<1	3	23	15	17	pyish org wed fld stn/ph	CHBslt
215044	C Hill/Rockery Rd	5430429.99	6989747.6	12300	7500	0.7	<1	<1	<1	4	14	18	20	pyish org wed fld stn/ph	CHBslt
215045	C Hill/Rockery Rd	5430076.42	6989749.6	11700	7500	0.5	<1	<1	<1	3	19	17	14	pyish org wed fld stn/ph	CHBslt
215046	C Hill/Rockery Rd	5430051.12	6989774.6	11650	7500	0.5	<1	<1	<1	1	22	22	24	pyish org wed fld stn/ph	CHBslt
215047	C Hill/Rockery Rd	5430033.83	6989798.6	11600	7500	0.5	<1	<1	<1	3	9	17	14	pyish org wed fld stn/ph	CHBslt
215048	C Hill/Rockery Rd	5430016.53	6989823.6	11550	7500	0.5	<1	<1	<1	4	18	21	23	pyish org wed fld stn/ph	CHBslt
215049	C Hill/Rockery Rd	5429998.03	6989848.6	11500	7500	0.5	<1	<1	<1	3	19	25	26	pyish org wed fld stn/ph	CHBslt
215050	C Hill/Rockery Rd	5429980.73	6989873.6	11450	7500	0.5	<1	<1	<1	4	13	20	26	pyish org wed fld stn/ph	CHBslt
215051	C Hill/Rockery Rd	5429963.43	6989898.6	11400	7500	0.5	<1	<1	<1	4	11	11	16	pyish org wed fld stn/ph	CHBslt
215052	C Hill/Rockery Rd	5429946.13	6989923.6	11350	7500	0.5	<1	<1	<1	8	16	17	16	pyish org wed fld stn/ph	CHBslt
215053	C Hill/Rockery Rd	5429928.83	6989948.6	11300	7500	0.5	<1	<1	<1	4	11	14	20	pyish org wed fld stn/ph	CHBslt
215054	C Hill/Rockery Rd	5429911.53	6989973.6	11250	7500	0.5	<1	<1	<1	3	13	16	19	pyish org wed fld stn/ph	CHBslt
215055	C Hill/Rockery Rd	5429894.24	6989998.6	11200	7500	0.5	<1	<1	<1	3	12	17	20	pyish org wed fld stn/ph	CHBslt
215056	C Hill/Rockery Rd	5429876.94	6990023.6	11150	7500	0.5	<1	<1	<1	3	11	16	21	pyish org wed fld stn/ph	CHBslt
215057	C Hill/Rockery Rd	5429859.64	6990048.6	11100	7500	0.5	<1	<1	<1	3	10	16	21	pyish org wed fld stn/ph	CHBslt
215058	C Hill/Rockery Rd	5429842.34	6990073.6	11050	7500	0.5	<1	<1	<1	3	10	16	21	pyish org wed fld stn/ph	CHBslt
215059	C Hill/Rockery Rd	5429825.04	6990098.6	11000	7500	0.5	<1	<1	<1	3	10	16	21	pyish org wed fld stn/ph	CHBslt
215060	C Hill/Rockery Rd	5429807.75	6990123.6	10950	7500	0.5	<1	<1	<1	3	10	16	21	pyish org wed fld stn/ph	CHBslt
215061	C Hill/Rockery Rd	5429790.45	6990148.6	10900	7500	0.5	<1	<1	<1	3	10	16	21	pyish org wed fld stn/ph	CHBslt
215062	C Hill/Rockery Rd	5429773.15	6990173.6	10850	7500	0.5	<1	<1	<1	3	10	16	21	pyish org wed fld stn/ph	CHBslt
215063	C Hill/Rockery Rd	5429755.85	6990198.6	10800	7500	0.5	<1	<1	<1	3	10	16	21	pyish org wed fld stn/ph	CHBslt
215064	C Hill/Rockery Rd	5429738.56	6990223.6	10750	7500	0.5	<1	<1	<1	3	10	16	21	pyish org wed fld stn/ph	CHBslt
215065	C Hill/Rockery Rd	5430729.85	6990598.6	12450	7500	0.5	<1	<1	<1	3	10	16	21	pyish org wed fld stn/ph	CHBslt
215066	C Hill/Rockery Rd	5430708.55	6990573.6	12400	7500	0.5	<1	<1	<1	3	10	16	21	pyish org wed fld stn/ph	CHBslt
215067	C Hill/Rockery Rd	5429644	6989413	10700	7400	0.6	<1		<1	6	54	34	144	mod yw bn wed fld stn/ph	CHBslt
215068	C Hill/Rockery Rd	5429907.3	6989386	10700	7400	1.1	<1		<1	4	29	19	195	mod yw bn wed fld stn/ph	CHBslt
215069	C Hill/Rockery Rd	5429130.6	6989363	10900	7400		<1		<1	3	13	24	9	med f gy qtz sst	CHBmssvsst
215070	C Hill/Rockery Rd	5429173.9	6989338	10900	7400	0.5	<1		<1	3	13	24	9	med f gy qtz sst	CHBmssvsst
215071	C Hill/Rockery Rd	5429217.2	6989313	10900	7400	0.9	<1		<1	63	17	18	19	med f gy qtz sst	CHBslt
215072	C Hill/Rockery Rd	5429260.5	6989288	10950	7400	0.6	<1	<1	<1	15	13	17	21	pyish org wed fld sst	CHBslt
215073	C Hill/Rockery Rd	5429303.81	6989263	11000	7400	0.5	<1		<1	6	16	18	24	pyish org wed fld sst	CHBslt
215074	C Hill/Rockery Rd	5429347.11	6989238	11000	7400	0.6	<1		<1	4	20	19	25	pyish org wed fld sst	CHBslt
215075	C Hill/Rockery Rd	5429390.41	6989213	11100	7400	0.4	<1		<1	5	13	18	24	pyish org wed fld sst	CHBslt
215076	C Hill/Rockery Rd	5429433.71	6989188	11150	7400	0.5	<1		<1	3	26	26	25	pyish org wed fld sst	CHBslt
215077	C Hill/Rockery Rd	5429477.01	6989163	11200	7400	0.5	<1		<1	3	28	18	16	pyish org wed fld sst	CHBslt
215078	C Hill/Rockery Rd	5429620.31	6989138	11250	7400	0.5	<1		<1	3	31	35	40	pyish org wed fld sst	CHBslt
215079	C Hill/Rockery Rd	5429563.61	6989113	11300	7400	0.5	<1		<1	4	24	25	27	pyish org wed fld sst	CHBslt
215080	C Hill/Rockery Rd	5429606.92	6989088	11350	7400	0.5	<1		<1	4	24	23	24	f cgg gy fd sst	CHBslt
215081	C Hill/Rockery Rd	5429650.22	6989063	11400	7400	0.4	<1		<1	1	15	18	24	f cgg gy fd sst	CHBslt
215082	C Hill/Rockery Rd	5429693.52	6989038	11450	7400	0.6	<1		<1	4	26	24	30	pyish org wed fld sst	CHBslt
215083	C Hill/Rockery Rd	5429736.82	6989013	11500	7400	0.6	<1	<1	<1	3	20	27	28	pyish org wed fld sst	CHBslt
215084	C Hill/Rockery Rd	5429779.12	6988988	11550	7400	0.6	<1		<1	3	31	27	28	pyish org wed fld sst	CHBslt
215085	C Hill/Rockery Rd	5429635.42	6989563	11600	7400	0.8	<1		<1	8	21	36	29	pyish org wed fld sst	CHBslt
215086	C Hill/Rockery Rd	5429595.72	6989538	11650	7400	0.7	<1		<1	1	16	31	31	pyish org wed fld sst	CHBslt
215087	C Hill/Rockery Rd	5429513.03	6989513	11700	7400	0.8	<1		<1	1	14	31	21	pyish org wed fld sst	CHBslt
215088	C Hill/Rockery Rd	5429393.33	6989488	11700	7400	0.8	<1		<1	1	11	28	22	pyish org wed fld sst	CHBslt
215089	C Hill/Rockery Rd	5429669.83	6989583	11800	7400	0.8	<1		<1	4	13	25	16	pyish org wed fld sst	CHBslt
215090	C Hill/Rockery Rd	5430069.93	6989586	11900	7400	0.8	<1		<1	2	15	26	21	pyish org wed fld sst	CHBslt
215091	C Hill/Rockery Rd	5430063.23	6989613	11900	7400	0.8	<1		<1	2	15	26	21	pyish org wed fld sst	CHBslt
215092	C Hill/Rockery Rd	5430126.53	6989768	12000	7400	0.6	<1		<1	1	6	9	12	rdd pebbles in pyish cgg cy	Perm lag
215093	C Hill/Rockery Rd	5430169.84	6989763	12000	7400	0.8	<1	<1	<1	9	7	13	19	pale yw bn cy	Perm lag
215094	C Hill/Rockery Rd	5430215.14	6989738	12050	7400	0.7	<1		<1	3	8	4	4	med gy sdd pebbles	Perm lag
215095	C Hill/Rockery Rd	5430305.74	6989713	12100	7400	0.7	<1		<1	10	5	14	11	pale yw bn yw cy w/ rdd pebbles	Perm lag
215096	C Hill/Rockery Rd	5430039.74	6989688	12150	7400	0.8	<1	<1	<1	6	3	15	12	dk yw grg cy w/ rdd pebbles	Perm lag
215097	C Hill/Rockery Rd	5430043.04	6989662.89	12200	7400	0.8	<1	<1	<1	6	3	16	11	dk yw grg cy w/ rdd pebbles	Perm lag
215098	C Hill/Rockery Rd	5430698.34	6989577.89	12250	7400	0.9	<1		<1	3	14	16	19	pale yw bn wed sst	CHBslt
215099	C Hill/Rockery Rd	5430430.64	6989512.99	12300	7400	0.7	<1		<1	3	13	17	25	pyish org wed fld sst	CHBslt
215100	C Hill/Rockery Rd	5430472.35	6989587.89	12350	7400	0.6	<1		<1	3	11	21	26	pyish org wed fld sst	CHBslt
215101	C Hill/Rockery Rd	5429418.25	6989582.89	12400	7400	0.6	<1		<1	2	28	24	33	pyish org wed fld sst	CHBslt
215102	C Hill/Rockery Rd	5430569.53	6989537.99	12450	7400	0.6	<1		<1	3	16	17	20	pyish org wed fld sst	CHBmssvsst
215103	C Hill/Rockery Rd	5430602.83	6989517.99	12500	7400	0.7	<1		<1	20	15	17	23	pyish org wed fld sst	CHBslt
215104	C Hill/Rockery Rd	5429311.49	6989581.2	10650	7600	0.5	<1		<1	4	14	15	22	pyish org wed fld sst	CHBslt
215105	C Hill/Rockery Rd	5429357.39	6989536.2	10650	7600	0.7	<1		<1	3	40	30	59	pyish org wed fld sst	CHBslt
215106	C Hill/Rockery Rd	5429107.7	6989511.2	10700	7600	0.4	<1		<1	4	19	12	23	pyish org wed fld sst	CHBslt
215107	C Hill/Rockery Rd	5429144	6989568.2	10700	7600	0.4	<1		<1	4	23	16	25	pyish org wed fld sst	CHBslt
215108	C Hill/Rockery Rd	5429187.5	6989523.2	10700	7600	0.6	<1		<1	4	12	21	25	pyish org wed fld sst	CHBslt
215109	C Hill/Rockery Rd	5429230.8	6989585.2	10600	7600	0.5	<1		<1	2	26	18	30	pyish org wed fld sst	CHBslt
215110	C Hill/Rockery Rd	5429273.9	6989511.2	10650	7600	0.6	<1		<1	2	28	18	23	pyish org wed fld sst	CHBslt
215111	C Hill/Rockery Rd	5429317.2	6989466.2	10900	7600	0.5	<1	<1	<1	1	22	19	23	pyish org wed fld sst	CHBslt
215112	C Hill/Rockery Rd	5429360.5	6989461.2	10950	7600	0.6	<1	<1	<1	1	22	17	32	dk yw org wed fld sst	CHBslt
215113	C Hill/Rockery Rd	5429403.81	6989436.2	11000	7600	0.6	<1	<1	<1	1	22	17	18	dk yw org wed fld sst	CHBslt
215114	C Hill/Rockery Rd	5429447.11	6989411.2	11050	7600	0.7	<1	<1	<1	1	16	14	24	dk yw org wed fld sst	CHBslt
215115	C Hill/Rockery Rd	5429490.41	6989386.2	11100	7600	0.9	<1		<1	2	22	17	33	dk yw org wed fld sst	CHBslt
215116	C Hill/Rockery Rd	5429533.71	6989361.2	11150	7600	0.7	<1		<1	1	16	13	24	pale yw bn wed fld sst/ph	CHBslt
215117	C Hill/Rockery Rd	5429577.01	6989336.2	11200	7600	0.5	<1		<1	1	16	16	23	pale yw bn wed fld sst/ph	CHBslt
215118	C Hill/Rockery Rd	5429620.31	6989311.2	11250	7600	0.5	<1		<1	1	17	26	23	pale yw bn wed fld sst/ph	CHBslt
215119	C Hill/Rockery Rd	5429663.61	6989286.2	11300	7600	0.6	<1		<1	1	18	34	22	pale yw bn wed fld sst/ph	CHBslt
215120	C Hill/Rockery Rd	5429706.92	6989261.2	11350	7600	0.5	<1		<1	1	18	34	22	pale yw bn wed fld sst/ph	CHBslt
215121	C Hill/Rockery Rd	5429750.22	6989236.2	11400	7600	0.6	<1		<1	3	28	25	26	pyish org wed fld sst	CHBslt
215122	C Hill/Rockery Rd	5429793.52	6989211.2	11450	7600	0.5	<1	<1	<1	3	28	25	26	pyish org wed fld sst	CHBslt
215123	C Hill/Rockery Rd	5429836.82	6989186.2	11500	7600	0.7	<1		<1	4	9	13	22	pyish org cy	
215124	C Hill/Rockery Rd	5429880.13	6989161.2	11550	7600	0.6	<1		<1	4	6	14	19	pale yw bn wed fld sst	Perm lag
215125	C Hill/Rockery Rd	5429923.43	6989136.2	11600	7600	0.7	<1		<1	5	7	15	19	pale yw bn sandy cy w/ rdd pebbles	Perm lag
215126	C Hill/Rockery Rd	5429966.73	6989111.2	11650	7600	0.6	<1		<1	4	7	10	16	pale yw bn sandy cy w/ rdd pebbles	Perm lag
215127	C Hill/Rockery Rd	5430010.03	6989086.2	11700	7600	0.6	<1	<1	<1	5	6	10	11	pale yw bn wed sst	CHBslt
215128	C Hill/Rockery Rd	5430053.33	6989061.2	11750	7600	0.6	<1	<1	<1	5	6	10	11	pale yw bn wed sst	CHBslt
215129	C Hill/Rockery Rd	5430096.63	6989036.2	11800	7600	0.9	<1		<1	3	11	23	21	Mott cl gy cy	?
215130	C Hill/Rockery Rd	5430139.94	6989011.2	11850	7600	0.8	<1		<1	7	4	13	16	pale gn veg wed sst	CHBslt
215131	C Hill/Rockery Rd	5430183.23	6988986.2	11900	7600

Sample Number	Area/baseline	AMG Northing	AMG Easting	Grid Northing(m)	Grid Easting(m)	Sample Depth	Au	Au(p)	As (ave)	As	Cu	Pb	Zn	Chips Description - abbreviated (d Macdonald)	Interpreted Geology
215283	Greaves Rd/Fulwood	5434697.38	485831.85	10600	9500	0.8	<1	-	<1	5	27	15	26	gylsh org aft wed slt & fg sst	C/Shsst/slt
215282	Greaves Rd/Fulwood	5434640.66	485506.65	10600	9500	0.6	<1	-	<1	3	17	13	29	gylsh org aft wed slt & fg sst	C/Shsst/slt
215280	Greaves Rd/Fulwood	5434663.96	485591.25	10600	9500	0.7	<1	-	<1	7	16	6	29	gylsh org aft wed slt & fg sst	C/Shsst/slt
215291	Greaves Rd/Fulwood	5434727.26	485556.65	10650	9500	0.5	<1	-	<1	7	23	28	19	v pale org wed fol slt	C/Sslt
215292	Greaves Rd/Fulwood	5434719.04	485593.25	10650	9500	0.6	<1	-	<1	2	7	17	18	mod yw bn oy aft sst?	C/Sslt
215293	Greaves Rd/Fulwood	5434214.34	485988.25	10400	9800	0.7	<1	-	<1	5	3	9	9	mod yw bn oy aft sst?	C/Sslt
215294	Greaves Rd/Fulwood	5434257.64	485948.25	10450	9800	0.8	<1	-	<1	2	4	14	12	pale yw fw wed sst	C/Sslt
215295	Greaves Rd/Fulwood	5434300.94	485918.25	10500	9800	0.5	<1	-	<1	6	5	9	18	pale yw fw wed fol slt	C/Sslt
215296	Greaves Rd/Fulwood	5434344.25	485888.25	10550	9800	0.6	<1	-	<1	2	3	4	6	pale yw fw wed sst	C/Sslt
215297	Greaves Rd/Fulwood	5434387.55	485868.25	10600	9800	0.6	<1	<1	<1	7	2	13	8	v pale org sandy cy	?
215298	Greaves Rd/Fulwood	5434430.85	485843.25	10650	9800	0.8	<1	<1	<1	1	4	10	8	v pale org sandy cy	?
215299	Greaves Rd/Fulwood	5434474.15	485818.25	10700	9800	1.1	<1	-	<1	4	5	19	7	mod dy gltz sst	OCTscree
215300	Greaves Rd/Fulwood	5434517.45	485793.25	10750	9800	0.7	<1	<1	<1	3	2	7	7	gylsh org wed sst	OCTscree
215301	Greaves Rd/Fulwood	5434560.75	485768.25	10800	9800	0.8	<1	-	<1	3	2	7	8	pale yw bn wm sltd gr mst	OCTscree
215302	Greaves Rd/Fulwood	5434604.06	485743.25	10850	9800	0.4	<1	-	<1	3	<2	8	8	pale yw bn wed gltz sst	OCTscree
215303	Greaves Rd/Fulwood	5434647.36	485717.95	10900	9800	1.1	<1	-	<1	5	3	16	8	mod dy warm slt wed gltz sst	OCTscree
215304	Greaves Rd/Fulwood	5434650.68	485563.25	11050	9600	1	<1	-	<1	3	3	11	10	med lt gy clc sst	OCTscree
215305	Greaves Rd/Fulwood	5434733.65	485885.25	10550	9600	0.4	<1	-	<1	2	2	3	5	mod lt gy clc sst	OCTscree
215306	Greaves Rd/Fulwood	5434777.26	485643.25	10600	9600	0.4	<1	-	<1	1	3	4	5	med lt gy clc sst	OCTscree
215307	Greaves Rd/Fulwood	5434820.56	485618.25	10650	9600	0.5	<1	-	<1	2	3	5	6	med lt gy clc sst	OCTscree
215308	Greaves Rd/Fulwood	5434603.88	485923.25	10150	9600	0.7	<1	-	<1	3	2	9	14	mod yw bn sandy cy aft sst	OCTscree
215309	Greaves Rd/Fulwood	5434600.17	485668.25	10200	9600	0.9	<1	-	<1	3	2	7	10	mod yw bn sandy cy aft sst	OCTscree
215310	Greaves Rd/Fulwood	5434600.47	485643.25	10250	9600	1	<1	-	<1	3	3	9	10	mod lt gy wed gltz sst	OCTscree
215311	Greaves Rd/Fulwood	5434603.77	485618.25	10300	9600	0.9	<1	-	<1	3	3	9	10	gylsh org wed gltz sst	OCTscree
215312	Greaves Rd/Fulwood	5434350.94	485604.85	10700	9700	1	<1	<1	<1	2	<2	7	6	gylsh org wed gltz sst	OCTscree
215313	Greaves Rd/Fulwood	5434304.25	485978.95	10350	9700	0.4	<1	<1	<1	3	3	4	5	med lt gy gritty sst	OCTscree
215314	Greaves Rd/Fulwood	5434447.75	485954.65	10500	9700	0.5	<1	-	<1	5	3	5	9	gylsh org wed gltz sst	OCTscree
215315	Greaves Rd/Fulwood	5434485.05	485929.65	10550	9700	0.4	<1	-	<1	1	3	4	4	med lt gy clc sst	OCTscree
215316	Greaves Rd/Fulwood	5434524.15	485904.65	10600	9700	0.4	<1	-	<1	4	<3	3	5	med lt gy clc sst	OCTscree
215317	Greaves Rd/Fulwood	5434567.46	485879.86	10750	9700	0.9	<1	-	<1	3	<3	4	4	gylsh org wed gltz sst	OCTscree
215318	Greaves Rd/Fulwood	5434612.75	485854.86	10800	9700	0.5	<1	-	<1	5	3	<3	2	med lt gy clc sst	OCTscree
215319	Greaves Rd/Fulwood	5434854.09	485829.66	10850	9700	0.4	<1	-	<1	3	3	3	5	med lt gy clc sst	OCTscree
215320	Greaves Rd/Fulwood	5434602.36	485804.86	10900	9700	0.5	<1	-	<1	2	2	5	5	med lt gy clc sst	OCTscree
215321	Greaves Rd/Fulwood	5434746.66	485779.95	10950	9700	0.6	<1	-	<1	2	2	5	5	med lt gy clc sst	OCTscree
215322	Greaves Rd/Fulwood	5434763.96	485754.86	10500	9700	0.5	<1	-	<1	3	3	7	4	med lt gy clc sst	OCTscree
215323	Greaves Rd/Fulwood	5434782.26	485729.95	10550	9700	0.6	<1	-	<1	3	2	13	12	mod dy yw bn wed gltz sst	OCTscree
215324	Greaves Rd/Fulwood	5434760.56	485704.86	10600	9700	0.5	<1	-	<1	3	3	6	5	mod dy bn wm slt aft?	OCTscree
215325	Greaves Rd/Fulwood	5434613.86	485979.95	10750	9700	0.5	<1	-	<1	10	5	9	10	mod dy yw bn wed gltz sst	OCTscree
215326	Greaves Rd/Fulwood	5434657.17	485954.86	10800	9700	0.4	<1	-	<1	3	3	6	4	med lt gy clc sst	OCTscree
215327	Greaves Rd/Fulwood	5435200.47	485629.95	10450	9700	0.6	4	5	5	18	18	7	12	med lt gy clc sst	OCTscree
215328	Greaves Rd/Fulwood	5434574.15	485591.46	15700	9800	0.8	<1	-	<1	1	4	6	7	mod yw bn wed gltz sst	OCTscree
215329	Greaves Rd/Fulwood	5434617.45	485566.46	15750	9800	0.7	<1	-	<1	6	10	14	10	mod yw bn wed gltz sst but w rdd pebbles	OCTscree
215330	Greaves Rd/Fulwood	5434660.75	485541.46	15800	9800	0.5	<1	-	<1	3	3	5	7	dy yelsh org / rdd pebbles of qtz sst vinter worn? also qtz vn	OCTscree
215331	Greaves Rd/Fulwood	5434704.06	485516.46	15850	9800	0.4	<1	-	<1	<1	2	6	4	lt gy tod gltss	OCTscree
215332	Greaves Rd/Fulwood	5434747.36	485491.46	15900	9800	0.4	<1	-	<1	3	2	7	5	lt gy tod gltss	OCTscree
215333	Greaves Rd/Fulwood	5434700.66	485466.46	15950	9800	0.3	<1	-	<1	1	3	6	8	lt gy tod gltss	OCTscree
215334	Greaves Rd/Fulwood	5434653.96	485841.46	15550	9800	0.5	<1	-	<1	<1	2	5	5	lt gy tod gltss	OCTscree
215335	Greaves Rd/Fulwood	5434607.26	485816.46	15600	9800	0.5	<1	-	<1	2	3	<3	3	lt gy tod gltss vn qtz vn	OCTscree
215336	Greaves Rd/Fulwood	5434560.56	485791.46	15650	9800	0.4	<1	-	<1	<1	3	<3	3	lt gy tod gltss	OCTscree
215337	Greaves Rd/Fulwood	5434643.86	485766.46	16150	9900	0.5	<1	-	<1	1	2	4	3	lt gy tod gltss	OCTscree
215338	Greaves Rd/Fulwood	5434754.06	485693.06	16150	9900	0.5	<1	-	<1	1	2	<3	4	lt gy tod gltss	OCTscree
215339	Greaves Rd/Fulwood	5434737.36	485970.06	15900	9900	0.5	<1	-	<1	<1	3	<3	2	lt gy tod gltss	OCTscree
215340	Greaves Rd/Fulwood	5434740.66	485963.06	15950	9900	0.8	<1	-	<1	<1	3	6	3	lt gy tod gltss	OCTscree
215341	Greaves Rd/Fulwood	5434863.96	485809.06	16000	9900	0.4	5	5	3	3	3	7	2	lt gy tod gltss	OCTscree
215342	Greaves Rd/Fulwood	5434927.26	485903.06	16550	9900	0.2	<1	-	<1	2	3	7	4	lt gy tod gltss	OCTscree
215343	Greaves Rd/Fulwood	5434870.96	485877.66	16600	9900	0.8	<1	-	<1	9	11	6	34	dk yelsh/ash org cy	?
215344	Lewisham Hill/Densmans	5437395.25	483066.44	19200	9300	0.5	<1	-	<1	10	32	10	19	gylsh org wed fol sst	C/Hlt sst
215345	Lewisham Hill/Densmans	5437358.56	483765.44	19250	9300	0.7	<1	-	<1	11	33	10	36	gylsh org wed fol sst	C/Hlt sst
215346	Lewisham Hill/Densmans	5437441.86	483758.44	19200	9300	0.5	<1	<1	<1	1	6	11	21	gylsh org wed fol sst	C/Hlt sst
215347	Lewisham Hill/Densmans	5437465.16	483723.45	19250	9300	0.4	<1	-	<1	44	4	10	18	gylsh org wed fol sst	C/Hlt sst
215348	Lewisham Hill/Densmans	5437528.46	483708.44	19400	9300	0.5	<1	-	<1	16	10	12	24	gylsh org wed fol sst	C/Hlt sst
215349	Lewisham Hill/Densmans	5437571.76	483683.44	19450	9300	0.8	<1	-	<1	39	6	7	25	gysh org cy slt sst	C/Hlt sst
215350	Lewisham Hill/Densmans	5437615.06	483659.44	19500	9300	0.6	<1	-	<1	15	19	12	29	gylsh org wed fol sst	C/Hlt sst
215351	Lewisham Hill/Densmans	5437658.37	483633.44	19550	9300	0.8	<1	-	<1	18	20	13	30	ylsh org wed sst	C/Hlt sst
215352	Lewisham Hill/Densmans	5437701.67	483608.44	19600	9300	0.5	<1	-	<1	15	8	8	13	gylsh org wed fol sst	C/Hlt sst
215353	Lewisham Hill/Densmans	5437744.97	483583.44	19650	9300	0.5	<1	-	<1	17	9	13	27	gylsh bn wed sst vfgr vng	C/Hlt sst
215354	Lewisham Hill/Densmans	5437788.27	483558.44	19700	9300	0.5	<1	-	<1	4	11	16	30	ylsh org fol slt	C/Hlt sst
215355	Lewisham Hill/Densmans	5437831.57	483533.44	19750	9300	0.7	<1	-	<1	15	17	27	28	gysh org wed slt	C/Hlt sst
215356	Lewisham Hill/Densmans	5437874.87	483508.44	19800	9300	0.4	<1	-	<1	3	7	4	20	gysh org wed slt	C/Hlt sst
215357	Lewisham Hill/Densmans	5437918.17	483483.44	19600	9300	0.4	<1	-	<1	10	<2	<3	13	gysh org wed sst	C/Hlt sst
215358	Lewisham Hill/Densmans	5437720.05	483534.44	19400	9400	0.4	<1	-	<1	13	18	14	30	gysh org dzvaccie sst	C/Hlt sst
215359	Lewisham Hill/Densmans	5437275.35	483970.04	19000	9400	0.7	<1	-	<1	7	12	11	22	gy pelsh bn wed slt	C/Hlt sst
215360	Lewisham Hill/Densmans	5437318.65	483945.04	19100	9400	0.7	<1	-	<1	11	11	<3	30	yelsh org wed slt	C/Hlt sst
215361	Lewisham Hill/Densmans	5437361.95	483920.04	19150	9400	0.6	<1	-	<1	1	2	<3	16	gysh wed bn oy slt?	?
215362	Lewisham Hill/Densmans	5437405.26	483895.04	19200	9400	0.8	<1	-	<1	7	<2	<3	21	hsd wwn dzvaccie sst	C/Hlt sst
215363	Lewisham Hill/Densmans	5437448.56	483870.04	19250	9400	0.8	<1	-	<1	28	12	16	30	ylsh org fol slt	C/Hlt sst
215364	Lewisham Hill/Densmans	5437491.86	483845.04	19300	9400	0.8	<1	-	<1	109	9	31	30	dk yelsh org fol slt	C/Hlt sst
215365	Lewisham Hill/Densmans	5437535.16	483820.04	19350	9400	0.7	<1	-	<1	61	8	20	27	yelsh org fol slt	C/Hlt sst
215366	Lewisham Hill/Densmans	5437578.46	483795.04	19400	9400	0.5	<1	-	<1	12	6	<3	20	ylsh org fol slt	C/Hlt sst
215367	Lewisham Hill/Densmans	5437621.76	483770.04	19450	9400	0.7	<1	<1	<1	15	8	16	25	ylsh org fol slt w qtz	C/Hlt sst
215368	Lewisham Hill/Densmans	5437665.06	483745.04	19500	9400	0.5	<1	-	<1	11	5	<3	21	yelsh bn wed sst	C/Hlt sst
215369	Lewisham Hill/Densmans	5437708.37	483720.04	19550	9400	0.8	<1	-	<1	23	14	11	34	yelsh bn wed slt	C/Hlt sst
215370	Lewisham Hill/Densmans	5437751.67	483695.04	19600	9400	0.6	<1	-	<1	22	13	9	28	yelsh bn wed slt	C/Hlt sst
215371	Lewisham Hill/Densmans	5437794.97	483670.04	19650	9400	0.7	<1	-	<1	15	10	7	28	gysh org wed sst	C/Hlt sst
215372	Lewisham Hill/Densmans	5437838.27	483645.04	19700	9400	0.5	<1	<1	<1	19	9	6	20	gysh org fol slt	C/Hlt sst
215373	Lewisham Hill/Densmans	5437881.57	483620.04	19750	9400	0.6	<1	-	<1	17	7	19	20	gysh org wed slt	C/Hlt sst
215374	Lewisham Hill/Densmans	5437924.87	483595.04	19800	9400	0.5	<1	-	<1	37	10	10	26	gysh org wed sst	C/Hlt sst
215375	Lewisham Hill/Densmans	5437968.17	483570.04	19850	9400	0.5	<1	-	<1	13	12	20	29	yelsh org wed sst	C/Hlt sst
215376	Lewisham Hill/Densmans	5437406.26	483581.54	20250	9500	0.4	<1	-	<1	2	3	3	12	med lt gy fol clz frags	?
215377	Lewisham Hill/Densmans	5437448.68	483956.64	19050	9500	0.5	<1	<1	<1	13	4	5	28	gysh org wed slt	C/Hlt sst
215378	Lewisham Hill/Densmans	5437541.68	483931.64	19100	9500	0.5	<1	-	<1	7	16	16	33	gysh org clz	C/Hlt sst
215379	Lewisham Hill/Densmans	5437585.18	483906.64	19350	9500	0.6	<1	-	<1	8	5	20	23	yelsh bn cy aft wed slt	C/Hlt sst
215380	Lewisham Hill/Densmans	5437628.48	483881.64	19400	9500	0.6	<1	-	<1	3	5	8	24	yelsh org wed slt	C/Hlt sst
215381	Lewisham Hill/Densmans	5437671.78	483856.64	19450	9500	0.6	<1	-	<1	10	16	4	21	yelsh org wed slt	C/Hlt sst
215382	Lewisham Hill/Densmans	5437715.08	483831.64	19500	9500	0.5	<1	-	<1	10	9	10	67	gysh org wed slt	C/Hlt sst
215383	Lewisham Hill/Densmans	5437758.37	483806.64	19550	9500	0.5	<1	-	<1	5	6	3	43	yelsh org wed slt	C/Hlt sst
215384	Lewisham Hill/Densmans	5437801.67	483781.64	19600	9500	0.5	<1	-	<1	14	4	<3	35	yelsh org wed slt	C/Hlt sst
215385	Lewisham Hill/Densmans	5437844.97	483756.64	19650	9500	0.5	<1	-	<1	20	5	4	34	yelsh org wed slt	C/Hlt sst
215386	Lewisham Hill/Densmans	5437888.27	483731.64	19700	9500	0.6	<1	-	<1	18	3	<3	35	gysh org wed slt	C/Hlt sst
215387	Lewisham Hill/Densmans	5437931.57	483706.64	19750	9500	0.5	<1	-	<1	4	<2	3	5	gysh org wed slt	C/Hlt sst
215388	Lewisham Hill/Densmans	5437974.87	483681.64	19800	9500	0.5	<1	<1	<1	6	2	11	7	gysh org wed slt	C/Hlt sst
215389	Lewisham Hill/Densmans	5437635.16	483923.25	19350	9600	0.8	<1	-	<1	7	31	19	71	yelsh org wed slt	C/Hlt sst
215390	Lewisham Hill/Densmans	5437678.46	483898.25	19400	9600	0.5	<1	-	<1	4	22	10	44	gysh org cy aft sst	C/Hlt sst
215391	Lewisham Hill/Densmans	5437721.76	483943.25	19450	9600	0.8	<1	-	<1	20	18	37	37	gysh org cy aft sst	C/Hlt sst
215392	Lewisham Hill/Densmans	5437765.06	483918.25	19500	9600	0.6	<1	-	<1	5	8	9	24	gysh org cy aft sst w vfg	C/Hlt sst
215393	Lewisham Hill/Densmans	5437808.37	483893.24	19550	9600	0.7	<1	-	<1	9	13	12	37	gysh org wed sst	C/Hlt sst
215394	Lewisham Hill/Densmans	5437851.67	483868.24	19600	9600	0.8	<1	-	<1	7	7	21	46	gysh org cy	C/Hlt sst
215395	Lewisham Hill/Densmans	5437894.97	483843.24	19650	9600	0.6	<1	-	<1	8	6	6	20	gysh bn sandy cy aft sst	C/Hlt sst
215396	Lewisham Hill/Densmans	5437938.27	483818.24	19700	9600	0.6	<1	-	<1	4	8	8	25	gysh bn sandy cy w qtz pebbles	?
215397	Lewisham Hill/Densmans	5437981.57	483793.24	19750	9600	0.4	<1	-	<1	4	6	5	10	med lt gy sandy cy	?
215398	Lewisham Hill/Densmans	5437724.05	484029.95	19300	9700	0.5	<1	-	<1	3	5	20	24	gysh org wed sst	C/Hlt sst
215399	Lewisham Hill/Densmans	5437815.06	484004.85	19500	9700	0.7	<1	-	<1	7	2	16	24	v lt gy clayey wed sst	C/Hlt sst
215400	Lewisham Hill/Densmans	5437858.37	483979.85	19550	9700	0.7	<1	-	<1	7	2	15	16	v lt gy clayey wed sst	C/Hlt sst
215401	Lewisham Hill/Densmans	5437901.67	483954.85	19600	9700	1	<1	-	<1	2	4	19	29	v lt gy clayey wed sst	C/Hlt sst
215402	Lewisham Hill/Densmans	5437944.97	483929.85	19650	9700	0.4	<1	<1	<1	6	3	9	11	v lt gy clayey wed sst w qtz vng	C/Hlt sst
215403	Lewisham Hill/Densmans	5437988.27	483904.85	19700	9700	0.4	<1	-	<1	4	4	9	14	v lt gy sand and grit	?
215404	Lewisham Hill/Densmans	5437819.13	484408.64	18350	9500	0.7	<1	-	<1	44	3	15	18	mod yelsh bn cy w qtz vng	?
215405	Lewisham Hill/Densmans	5437862.43	484383.64	18400	9500	0.9	<1	-	<1	7	7	39	21	gysh org cy slt sst	C/Hlt sst
215406	Lewisham Hill/Densmans	5436605.23	484266.64	18450	9500	0.6	<1	-	<1	4	2	15	16	reddish wea qtz sst also qtz vng	C/Hlt sst
215407	Lewisham Hill/Densmans	5436648.03	484334.64	18500	9500	0.5	<1	-	<1	14	2	18	16	v lt gy sandy cy	?
215408	Lewisham Hill/Densmans	5435992.34	484306.64	18550	9500	0.7	<1	-	<1	7	2	19	17	v lt gy sandy cy	?
215409	Lewisham Hill/Densmans	5436925.64	484284.64	18600	9500	0.8	<1	-	<1	15	2	19	19	v lt gy sandy cy	?
215410	Lewisham Hill/Densmans	5436918.94	484256.64	18650	9500	0.6	<1	-	<1	5	<2	16	13	v lt gy sandy cy	?
215411	Lewisham Hill/Densmans	5436769.13	484469.25	18300	9600	0.8	<1	-	<1	19	4	18	22	gysh org cy	?
215412	Lewisham Hill/Densmans	5436813.43	484468.25	18350	9600	0.4	<1	-	<1	9	<2	13	12	gysh org wed gltz sst	C/Hlt sst
215413	Lewisham Hill/Densmans	5436855.73	484443.25	18400	9600	0.7	<1	-	<1	3	2	21	16	gysh org cy	?
215414	Lewisham Hill/Densmans	5436898.03	484418.25	18450	9600	0.5	<1	-	<1	14	2	18	13	gysh org cy	?
215415	Lewisham Hill/Densmans	5436842.34	484360.25	18550	9600	0.6	<1	-	<1	19	3	16	15	gysh org cy w lisag reddish slt	C/Hlt sst
215416	Lewisham Hill/Densmans	5436885.64	484360.25	18600	9600	0.5	<1	-	<1	9	2	14	16	gysh org cy w lisag reddish slt	C/Hlt sst
215417	Lewisham Hill/Densmans	5437028.24	484343.25	18650	9600	0.5	<1	<1	<1	3	3	13	20	gysh org vwn reddish slt	C/Hlt sst
215418	Lewisham Hill/Densmans	5437069.95	484296.85	18450	9700	0.4	<1	-	<1	14	2	25	37	gysh org vwn reddish slt	C/Hlt sst
215419	Lewisham Hill/Densmans	5436969.03	484994.85	18500	9700	0.7	<1	-	<1	4	6	15	28	gysh org slt	C/Hlt sst
215420	Lewisham Hill/Densmans	5436992.34	484479.85	18550	9700	0.9	2	<1	1	4	3	27	14	v lt gy wed fol slt	C/Hlt sst
215421	Lewisham Hill/Densmans	5437006.64	484454.85	18600	9700	0.6	<1	-	<1	9	2	14	15	v lt gy wed fol slt w qtz vng	C/Hlt sst
215422	Lewisham Hill/Densmans	5437078.94	484429.85	18650	9700	0.5	<1	-	<1	1	<2	13	12	gysh org cy	?
215427	Salisbury Hill Rd	5452488.09	487190.69	16700	10700	0.7	<1	-	<1	2	<2	5	5	gysh org cy aft qtz sst	OCTscree
215428	Salisbury Hill Rd	5453431.33	487170.69	16900	10700	0.7	<1	-	<1	13	<2	5	5	gysh org cy aft qtz sst	OCTscree
215429	Salisbury Hill Rd	5453431.63	487147.99	16700	10700	0.7	<1	-	<1	2	3	5	11	gysh bn and reddish wem qtz sst	OCTscree
215430	Salisbury Hill Rd	5434417.93	487120.89	15200	10700	0.9	3	2	3	13	3	28	19	gylsh org cy w gritty flags	OCTscree
215431	Salisbury Hill Rd	5434461.23	487095.89	15250	10700	0.9	3	3	3	26	3	25	20	gylsh org cy wwarn flags text	OCTscree
215432	Salisbury Hill Rd	5434504.54	487070.89	15100	10700	0.7	13	15	14	44	2	24	23	gylsh org cy w gritty flags	OCTscree
215433	Salisbury Hill Rd	5434547.84	487045.89	15150	10700	0.4	1	<1	<2	6	2	6	9	gylsh org wed sst rdd gladgs	OCTscree
215434	Salisbury Hill Rd	5434591.14	487020.89	15200	10700	0.7	<1	-	<1	12	3	13	12	gylsh org cy	?
215435	Salisbury Hill Rd	5434338.05	487382.49	14850	10800	0.7	<1	-	<1	4	2	12	27	gysh org wed slt sst	alt
215436	Salisbury Hill Rd	5434381.33	487357.49	14900	10800	0.7	<1	-	<1	1	10	11	19	gysh org wed slt sst	alt
215437	Salisbury Hill Rd	5434424.63	487332.49	14950	10800	0.4	<1	-	<1	1	6	14	8	v yelsh bn qtz sst	?
215438	Salisbury Hill Rd	5434467.93	487307.49	15000	10800	0.5	<1	-	<1	3	3	16	16	gysh org wed slt sst	OCTscree
215439	Salisbury Hill Rd	5434511.23	487282.49	15050	10800	0.6	<1	-	<1	14	8	19	28	gysh org wed slt sst	OCTscree
215440	Salisbury Hill Rd	5434554.54	487157.49	15100	10800	0.6	<1	-	<1	2	<2	16	10	gysh org wed slt sst	OCTscree
215441	Salisbury Hill Rd	5434597.84	487132.49	15150	10800	0.6	<1	-	<1	<1	3	14	12	gysh org wed slt sst	OCTscree
215442	Salisbury Hill Rd	5434641.14	487107.49	15200	10800	0.5	<1	-	<1	1	2	12	9	gysh org wed slt sst	OCTscree
215443	Salisbury Hill Rd	5434684.44	487082.49	15250	10800	0.7	<1	-	<1	1	2	11	10	gysh org wed slt sst	OCTscree
215444	Salisbury Hill Rd	5434727.74	487057.49	15300	10800	0.8	<1	-	<1	<1	2	18	9	gysh org wed slt sst	OCTscree
215445	Salisbury Hill Rd	5434771.04	487032.49	15350	10800	0.7	<1	-	<1	3	3	15	10	gysh org wed slt sst	OCTscree
215446	Salisbury Hill Rd	5434814.34	487007.49	15400	10800	0.5	<1	<1	<1	2	2	20	13	gysh org wed slt sst	OCTscree
215447	Salisbury Hill Rd	5434857.64	487084.09	15300	10900	1.2	<1	-	<1	2	2	11	10	yelsh bn cy aft sst	OCTscree
215448	Salisbury Hill Rd	5434897.85	487069.09	15400	10900	0.9	<1	-	<1	3	<2	9	8	gysh bn cy aft sst	OCTscree
215451	Salisbury Hill Rd	5434853.95	487044.29	15350	10900	0.8	<1	-	<1	8	2	11	11	gysh bn cy aft sst	OCTscree
215452	Salisbury Hills Rd	5434894.25	487019.09	15550	10900	0.5	<1	-	<1	6	2	16	13	gysh bn cy aft sst	OCTscree
215451	Lightwood Hill	5460607.29	477900	11100	11100	0.8	<1	-	<1	5	5	8	20	gylsh org cy w sst - wwd	BCFslt
215452	Lightwood Hill	5460742.89	478007.29	11800	11100	0.5	<1	-	<1	7	7	13	27	gylsh org cy w sst - wwd sst	BCFslt
215453	Lightwood Hill	5460766.12	478042.29	11800	11100	0.5	7	8	8	14	23	13	47	gylsh org fcl mic qtz slt	BCFslt
215454	Lightwood Hill	5460817.29	478101.29	11800	11100	0.8	<1	-	<1	4	17	9	27	gylsh org wed slt	BCFslt
215459	Lightwood Hill	5460179.42	478103.89	17900	11200

Sample Number	Area/Leader/Id	AMG Northing	AMG Easting	Grid Northing(m)	Grid Eastings	Sample Depth	As	Au(g)	Au (ave)	As	Cu	Pb	Zn	Chips Description - abbreviated (cf Macdonald)	Interpreted Geology
215614	W W Infill	6453077.15	487054.88	13625	10850	0.7	<1	<1	<1	5	<2	4	5	g pyalit bn sandy cl	OCTsst
215615	W W Infill	6453208.83	487876.88	13675	10750	0.5	<1	-	<1	9	<2	5	3	g pyalit bn sandy cl	OCTsst
215616	W W Infill	6453230.46	487864.18	13625	10750	0.7	<1	-	<1	9	<2	9	8	mod yel/an bn vy	OCTsst
215617	W W Infill	6453253.13	487851.88	13625	10750	0.5	<1	-	<1	17	<2	9	10	dk yel/an bn cly	OCTsst
215618	W W Infill	6453273.78	487838.18	13625	10750	0.7	<1	-	<1	12	<2	5	7	g yel/an bn sandy cl	OCTsst
215648	W W Infill	6453296.43	487826.68	13675	10750	0.6	<1	-	<1	10	<2	7	8	g yel/an bn sandy cl	OCTsst
215619	W W Infill	6453317.08	487814.18	13700	10750	0.6	<1	-	<1	15	<2	8	8	mod yel/an bn cly	OCTsst
215620	W W Infill	6453337.03	487814.18	13700	10750	0.5	6	6	6	17	<2	9	15	mod yel/an bn cly fe q	OCTsst
215621	W W Infill	6453338.73	487801.68	13725	10750	0.5	<1	-	<1	29	<2	5	50	mod yel/an bn cly fe q	OCTsst
215622	W W Infill	6453360.35	487789.18	13750	10750	0.5	<1	-	<1	27	<2	6	5	gy/an org sandy cy mn q	OCTsst
215623	W W Infill	6453382.03	487776.68	13775	10750	0.4	<1	-	<1	10	<2	6	5	g yel/an bn sandy cl mn q	OCTsst
215624	W W Infill	6453403.68	487764.18	13800	10750	0.5	<1	-	<1	10	2	7	5	gy/an org sandy cy mn q	OCTsst
215625	W W Infill	6453425.34	487751.88	13825	10750	0.5	<1	<1	<1	9	3	16	5	g yel/an bn sandy cy mod q	OCTsst
215626	W W Infill	6453446.99	487738.68	13850	10750	0.6	<1	-	<1	13	<2	9	6	g yel/an bn sandy cy fe q	OCTsst
215627	W W Infill	6453468.64	487726.68	13875	10750	0.4	<1	-	<1	3	2	9	7	dk yel/an bn sandy cl mn q	OCTsst
215628	W W Infill	6453490.29	487714.18	13900	10750	0.5	<1	-	<1	6	<2	7	5	gy/an org cl	OCTsst
215629	W W Infill	6453511.94	487701.68	13925	10750	0.5	<1	-	<1	5	<2	5	7	mod yel/an bn cl	OCTsst
215630	W W Infill	6453533.59	487689.18	13950	10750	0.5	<1	-	<1	5	<2	5	3	dk yel/an org cl	OCTsst
215631	W W Infill	6453556.24	487676.68	13975	10750	0.6	<1	-	<1	<1	<2	6	<2	dk yel/an org sandy cl	OCTsst
215632	W W Infill	6453576.89	487664.18	14000	10750	0.4	<1	-	<1	2	<2	3	<2	dk yel/an bn sandy	OCTsst
215633	W W Infill	6453280.24	487833.38	13675	10700	0.8	<1	-	<1	2	2	7	5	dk yel/an bn sandy cl	OCTsst
215634	W W Infill	6453469.94	487858.38	13525	10700	0.6	<1	-	<1	5	3	7	4	dk yel/an bn cl	OCTsst
215635	W W Infill	6453443.64	487883.38	13675	10700	0.3	<1	<1	<1	5	2	6	<2	dk yel/an org sand	OCTsst
215636	W W Infill	6453420.34	487706.38	13825	10700	0.4	<1	-	<1	2	<2	7	10		OCTsst
215637	W W Infill	6453567.03	487733.38	13776	10700	0.5	<1	-	<1	4	<2	7	10		OCTsst
215638	W W Infill	6453313.73	487758.38	13725	10700	0.8	4	5	5	12	2	22	12		OCTsst
215639	W W Infill	6453270.43	487783.38	13675	10700	0.8	<1	<1	<1	<1	<2	9	4		OCTsst
215640	W W Infill	6453227.13	487808.38	13625	10700	0.5	<1	-	<1	2	<2	8	8		OCTsst
215641	W W Infill	6453179.83	487833.38	13575	10700	0.5	<1	-	<1	<1	<2	5	3		OCTsst
215642	W W Infill	6453140.53	487858.38	13525	10700	0.8	<1	-	<1	14	4	8	16		OCTsst
215643	W W Infill	6453158.83	487710.08	13575	10650	0.8	<1	<1	<1	<1	<2	8	3		OCTsst
215644	W W Infill	6453137.18	487692.58	13600	10650	0.5	<1	-	<1	<1	<2	13	4		OCTsst
215645	W W Infill	6453115.53	487675.08	13625	10650	0.4	<1	-	<1	<1	<2	10	3	g/ch org sandy cl	OCTsst
215646	W W Infill	6453093.88	487657.58	13650	10650	0.4	<1	-	<1	<1	<2	11	5	g/ch org sandy cl	OCTsst
215647	W W Infill	6453072.23	487640.08	13675	10650	0.5	<1	-	<1	<1	<2	9	6	g yel/an bn sandy cl	OCTsst
215648	W W Infill	6453050.58	487622.58	13700	10650	0.4	<1	-	<1	4	<2	29	16	dk yel/an org cl	OCTsst
215649	W W Infill	6453028.43	487605.08	13725	10650	0.5	<1	-	<1	<1	<2	13	4	mod yel/an bn sandy cl	OCTsst
215650	W W Infill	6453007.08	487587.58	13750	10650	0.5	<1	-	<1	16	2	18	7	mod yel/an bn sandy cl	OCTsst
215651	W W Infill	6453028.73	487716.08	13725	10650	0.5	<1	-	<1	9	<2	13	3	dk yel/an bn sandy cl	OCTsst
215652	W W Infill	6453313.38	487833.38	13675	10650	0.5	<1	-	<1	12	<2	18	5	dk yel/an bn sandy cl	OCTsst
215653	W W Infill	6453333.04	487690.08	13775	10650	0.5	<1	-	<1	5	<2	10	4	g/ch org sandy cl fc q	OCTsst
215654	W W Infill	6453353.69	487677.58	13800	10650	0.5	<1	-	<1	3	<2	5	7	mod yel/an bn cl	OCTsst
215655	W W Infill	6453376.34	487665.08	13825	10650	0.4	<1	-	<1	<1	<2	3	6	g/ch org cl	OCTsst
215656	W W Infill	6453396.99	487652.58	13850	10650	0.7	<1	-	<1	3	<2	<3	6	g/ch org sandy cl	OCTsst
215657	W W Infill	6453418.64	487640.08	13875	10650	0.6	<1	-	<1	4	<2	5	6	mod yel/an bn sandy cl	OCTsst
215658	W W Infill	6453440.29	487627.58	13900	10650	0.6	<1	-	<1	4	<2	5	6	mod yel/an bn cl	OCTsst
215659	W W Infill	6453461.94	487615.08	13925	10650	0.5	<1	-	<1	4	3	4	5	mod yel/an bn cl	OCTsst
215660	W W Infill	6453483.59	487602.58	13950	10650	0.7	<1	-	<1	3	2	5	5	dk yel/an bn cl	OCTsst
215661	W W Infill	6453504.24	487590.08	13975	10650	0.4	<1	-	<1	3	4	<3	5	gy/an org sandy cl	OCTsst
215662	W W Infill	6453526.89	487577.58	14000	10650	0.5	<1	-	<1	4	3	<3	4	gy/an org sandy cl	OCTsst
215663	W W Infill	6453547.54	487565.08	14025	10650	0.5	<1	-	<1	4	3	4	5	g yel/an bn sandy cl	OCTsst
215664	W W Infill	6453569.19	487552.58	14050	10650	0.7	<1	-	<1	3	2	12	8	mod yel/an bn cl	OCTsst
215665	W W Infill	6453590.84	487540.08	14075	10650	0.6	<1	-	<1	3	2	6	7	mod yel/an bn cl	OCTsst
215666	W W Infill	6453612.49	487527.58	14100	10650	0.6	<1	-	<1	4	<2	5	10	g yel/an bn cl	OCTsst
215667	W W Infill	6453634.14	487515.08	14125	10650	0.5	<1	-	<1	4	<2	5	5	mod yel/an bn sandy cl	OCTsst
215668	W W Infill	6453654.79	487502.58	14150	10650	0.6	<1	-	<1	3	<2	6	7	mod yel/an bn cl	OCTsst
215669	W W Infill	6453675.44	487490.08	14175	10650	0.6	<1	-	<1	3	<2	5	5	mod yel/an bn sandy cl	OCTsst
215670	W W Infill	6453697.09	487477.58	14200	10650	0.5	<1	-	<1	3	<2	5	5	mod yel/an bn sandy cl to q	OCTsst
215671	W W Infill	6453718.74	487465.08	14225	10650	0.5	<1	-	<1	3	<2	5	5	mod yel/an bn cl	OCTsst
215672	W W Infill	6453739.39	487452.58	14250	10650	0.5	<1	-	<1	3	<2	5	5	mod yel/an bn cl	OCTsst
215673	W W Infill	6453760.04	487440.08	14275	10650	0.5	<1	-	<1	3	<2	5	5	mod yel/an bn cl	OCTsst
215674	W W Infill	6453780.69	487427.58	14300	10650	0.5	<1	-	<1	3	<2	5	5	mod yel/an bn cl	OCTsst
215675	W W Infill	6453801.34	487415.08	14325	10650	0.5	<1	-	<1	3	<2	5	5	mod yel/an bn cl	OCTsst
215676	W W Infill	6453821.99	487402.58	14350	10650	0.5	<1	-	<1	3	<2	5	5	mod yel/an bn cl	OCTsst
215677	W W Infill	6453842.64	487390.08	14375	10650	0.5	<1	-	<1	3	<2	5	5	mod yel/an bn cl	OCTsst
215678	W W Infill	6453863.29	487377.58	14400	10650	0.5	<1	-	<1	3	<2	5	5	mod yel/an bn cl	OCTsst
215679	W W Infill	6453883.94	487365.08	14425	10650	0.5	<1	-	<1	3	<2	5	5	mod yel/an bn cl	OCTsst
215680	W W Infill	6453904.59	487352.58	14450	10650	0.5	<1	-	<1	3	<2	5	5	mod yel/an bn cl	OCTsst
215681	W W Infill	6453925.24	487340.08	14475	10650	0.5	<1	-	<1	3	<2	5	5	mod yel/an bn cl	OCTsst
215682	W W Infill	6453945.89	487327.58	14500	10650	0.5	<1	-	<1	3	<2	5	5	mod yel/an bn cl	OCTsst
215683	W W Infill	6453966.54	487315.08	14525	10650	0.5	<1	-	<1	3	<2	5	5	mod yel/an bn cl	OCTsst
215684	W W Infill	6453987.19	487302.58	14550	10650	0.5	<1	-	<1	3	<2	5	5	mod yel/an bn cl	OCTsst
215685	W W Infill	6454007.84	487290.08	14575	10650	0.5	<1	-	<1	3	<2	5	5	mod yel/an bn cl	OCTsst
215686	W W Infill	6454028.49	487277.58	14600	10650	0.5	<1	-	<1	3	<2	5	5	mod yel/an bn cl	OCTsst
215687	W W Infill	6453669.63	487918.38	13575	10700	0.6	<1	-	<1	7	<2	6	7	mod yel/ch bn cl	OCTsst
215688	W W Infill	6453687.32	487958.38	13525	10700	0.6	<1	-	<1	7	<2	5	3	dk yel/an bn sandy cl fc q	OCTsst
215689	W W Infill	6453224.02	487663.38	13625	10700	0.5	<1	-	<1	6	3	<3	5	mod yel/an bn sandy cl fc q	OCTsst
215690	W W Infill	6453260.72	487703.38	13575	10700	0.5	<1	-	<1	2	3	<3	5	g yel/an bn sandy cl	OCTsst
215691	W W Infill	6453637.42	488033.38	13175	10700	0.5	<1	-	<1	2	3	<3	<2	g yel/an bn sandy cl fc q	OCTsst
215692	W W Infill	6453654.12	488073.38	13125	10700	0.5	<1	-	<1	3	4	<3	5	g yel/an bn sandy cl	OCTsst
215693	W W Infill	6453680.83	487860.68	13375	10650	0.6	<1	-	<1	4	3	<3	<2	mod yel/an bn cl	OCTsst
215694	W W Infill	6453682.32	487915.07	13325	10650	0.7	<1	-	<1	4	2	<3	5	mod yel/an bn cl mn q	OCTsst
215695	W W Infill	6453696.02	487971.57	13325	10650	0.7	<1	-	<1	7	2	11	15	Purple tinge to moderately yellowish cl fc q	OCTsst
215696	W W Infill	6453702.72	487927.57	13350	10650	0.8	5	5	5	11	3	<3	5	mod yel/ch bn cl	OCTsst
215697	W W Infill	6453709.22	487940.07	13375	10650	0.5	<1	-	<1	4	3	<3	5	dk yel/ch bn cl	OCTsst
215698	W W Infill	6453711.72	487952.57	13350	10650	0.5	<1	-	<1	3	<2	4	<2	dk yel/ch bn cl	OCTsst
215699	W W Infill	6453713.22	487965.07	13325	10650	0.6	<1	-	<1	5	3	6	6	dk yel/ch bn cl	OCTsst
215700	W W Infill	6453654.07	487977.57	13300	10650	0.8	2	-	2	44	6	11	84	dk yel/an org cl	OCTsst
215701	W W Infill	6453672.42	487993.47	13275	10650	0.6	4	4	4	14	4	11	31	mod yel/ch bn cl	OCTsst
215702	W W Infill	6453720.77	488002.57	13150	10650	0.4	<1	-	<1	6	3	5	3	g yel/an bn cl	OCTsst
215703	W W Infill	6453769.12	488041.07	13125	10650	0.4	<1	-	<1	6	3	6	6	mod yel/an bn cl	OCTsst
215704	W W Infill	6453247.47	488027.57	13100	10650	0.4	<1	<1	<1	14	4	12	19	dk yel/an bn cl	OCTsst
215705	W W Infill	6453742.82	488071.77	13125	10600	0.5	<1	<1	<1	3	2	6	7	mod yel/an bn sandy cl	OCTsst
215706	W W Infill	6453297.42	487946.77	13175	10600	0.5	<1	-	<1	3	2	5	18	dk yel/an bn sandy cl	OCTsst
215707	W W Infill	6453353.07	487931.77	13225	10600	0.5	<1	-	<1	4	3	5	15	mod yel/an bn sandy cl	OCTsst
215708	W W Infill	6453374.02	487896.77	13275	10600	0.4	3	5	4	18	5	29	16	mod yel/an bn cl	OCTsst
215709	W W Infill	6453917.32	487871.77	13525	10600	0.6	<1	-	<1	3	<2	4	6	dk yel/ch bn cl	OCTsst
215710	W W Infill	6453892.32	487835.47	13525	10550	0.7	<1	-	<1	4	2	11	15	g yel/an bn cl	OCTsst
215711	W W Infill	6453870.67	487840.97	13300	10550	0.7	<1	-	<1	7	3	9	7	g yel/an bn cl	OCTsst
215712	W W Infill	6453849.02	487693.47	13375	10550	0.3	<1	-	<1	5	2	9	8	mod yel/ch bn cl	OCTsst
215713	W W Infill	6453827.37	487885.97	13250	10550	0.5	<1	-	<1	7	3	7	14	g yel/an bn cl	OCTsst
215714	W W Infill	6453805.72	487878.47	13225	10550	0.4	<1	<1	<1	3	<2	8	8	mod yel/an bn cl	OCTsst
215715	W W Infill	6453784.07	487890.97	13200	10550	0.5	<1	-	<1	3	<2	12	11	mod yel/an bn cl	OCTsst
215716	W W Infill	6453762.42	487903.47	13175	10550	0.7	<1	-	<1	4	<2	10	4	Dusky yellow/ch brown cl	OCTsst
215717	W W Infill	6453740.77	487915.97	13150	10550	0.5	<1	-	<1	6	3	6	6	dk yel/an org cl	OCTsst
215718	W W Infill	6453719.12	487928.47	13125	10550	0.5	<1	-	<1	2	2	15	9	dk yel/an org cl	OCTsst
215719	W W Infill	6453480.24	487546.78	13975	10600	0.4	<1	-	<1	4	2	4	6	gy/an org sandy cl	OCTsst
215720	W W Infill	6453458.94	487571.78	13925	10600	0.4	<1	-	<1	1	<2	4	6	g yel/an bn sandy cl	OCTsst
215721	W W Infill	6453703.64	487598.78	13875	10600	0.3	<1	-	<1	3	<2	<3	5	dk yel/an org sandy cl	OCTsst
215722	W W Infill	6453350.34	487621.78	13825	10600	0.6	<1	-	<1	6	<2	8	9	mod yel/an org sandy cl	OCTsst
215725	W W Infill	6453703.69	487590.88	13850	10550	0.5	<1	<1	<1	6	<2	6	11	mod yel/an org sandy cl	OCTsst
215724	W W Infill	6453325.34	487578.46	13825	10550	0.5	<1	-	<1	20	10	10	12	dk yel/an org sandy cl mod q	OCTsst
215725	W W Infill	6453346.69	487565.96	13850	10550	0.5	<1	-	<1	23	4	21	20	dk yel/an org cl	OCTsst
215726	W W Infill	6453306.64	487553.46	13875	10550	0.4	<1	-	<1	23	4	35	17	dk yel/an org cl	OCTsst
215727	W W Infill	6453309.29	487540.96	13900	10550	0.4	<1	-	<1	4	2	7	13	g yel/an bn sandy cl	OCTsst
215728	W W Infill	6453411.94	487528.46	13925	10550	0.6	<1	-	<1	3	<2	54	16	mod yel/an bn cl	OCTsst
215729	W W Infill	6453433.59	487515.96	13950	10550	0.4	<1	-	<1	7	<2	19	15	dk yel/an bn cl	OCTsst
215730	W W Infill	6453455.24	487503.46	13975	10550	0.4	<1	-	<1	4	<2	30	14	mod yel/an bn cl	OCTsst
215731	W W Infill	6453478.89	487490.96	14000	10550	0.4	<1	-	<1	7	2	5	15	dk yel/an bn cl	OCTsst
215732	W W Infill	6453500.54	487478.46	14025	10550	0.4	<1	-	<1	2	<2	7	15	g yel/an bn cl	OCTsst
215733	W W Infill	6453398.84	487465.17	13925	10600	0.7	<1	-	<1	4	4	13	12	gy/ch org sandy cl	OCTsst
215734	W W Infill	6453343.54	487510.17	13975	10550	0.4	<1	-	<1	5	2	9	12	gy/an org sandy cl	OCTsst
215735	W W Infill	6453300.34	487535.17	13925	10550	0.4	<1	<1	<1	5	2	16	10	g yel/an bn sandy cl	OCTsst
215736	W W Infill	6453508.24	487098.08	13975	10950	0.7	<1	-	<1	<1	<2	<3	5	g yel/an bn sandy cl	OCTsst
215737	W W Infill	6453528.89	487077.58	14000	10850	0.7	<1	-	<1	<1	<2	19	12	wf gy gy cy w no clst - chips contain ~10% qtz w cy	OCTsst
215864	Belven Park Hill	5434628	487636	14623	11250	0.4	<1	-	<1	5	2	16	10	wf gy gy cy w eng qtz - chips contain ~50% qtz w gy	OCTsst
215865	Belven Park Hill	5434604	487647	14601	11250	0.3	4	-	4	<1	<2	9	26	org bn sandy cy w ang qtz - chips contain ~50% qtz w cy	OCTsst
215866	Belven Park Hill	5434585	487660	14575	11250	0.8	6	-	<1	<1	<2	<3	8	dk yel/an org cl w qtz flags - chips contain ~50% qtz w cy	OCTsst
215867	Belven Park Hill	5434565	487660	14575	11250	0.5	<1	-	<1	2	2	5	8	dk yel/an org sandy cy - chips contain ~50% qtz	OCTsst
215872	Belven Park Hill	5434537	487696	14602.5	11250	0.5	<1	-	<1	4	2	7	13	gy/an org sandy cy w rnv qtz flags - chips contain ~5% qtz w cy	OCTsst
215873	Belven Park Hill	5434594	487635	14600	11225	0.5	<1	<1	<1	5	<2	4	7	dk reddish org cy w anf qtz - chips contain ~5% qtz w med vest sst	OCTsst
215877	Belven Park Hill	5434612	487762	14577	11300	0.5	<1	-	<1	3	<2	26	11	mod yel/an org sandy soil - chips contain ~2% ang qtz w red vest sst	OCTsst
215878	Belven Park Hill	5434639	487692	14608	11303	0.4	<1	-	<1	7	<2	5	10	yel/an org sandy cy aft sst - chips contain 5% qtz red/ vest sst	OCTsst
215879	Belven Park Hill	5434679	487655	14650	11300	0.4	<1	-	<1	4	<2	30	14	mod yel/an bn cl	OCTsst
215880	Belven Park Hill	5434654	487660	14625	11300	0.3	<1	-	<1	1	<2	3	11	yel/an org sandy cy w frags sst - chips contain 15% qtz red vest sst	OCTsst
215681	Belven Park Hill	5434602	487644	14654	11276	0.5	<1	<1	<1	2	<2	7	15	g yel/an bn cl	OCTsst
215682	Belven Park Hill	5434640	487658	14626	11275	0.6	<1	-	<1	<1	6	15	11	mod yel/ch org cl	OCTsst
215683	Belven Park Hill	5434626	487689	14604	11275	0.6	<1	-	<1	<1	4	13	12	g yel/ch org sandy cl	OCTsst
215684	Belven Park Hill	5434610	487674	14590	11275	0.5	<1	-	<1	<1	2	7	10	mod yel/ch org sandy cl aft sst - chips contain fc qtz	OCTsst
215685	Belven Park Hill	5434597	487661	14575	11275	0.6	<1	-	<1	2	<2	3	6	yel/ch org sandy cl aft sst - chips contain fc qtz	OCTsst
215687	Belven Park Hill	5434569	487639	14550	11275	0.5	<1	-	<1	2	<2	3	7	yel/an org sandy cy w fg med gy cy - chips contain ~3% qtz	OCTsst
215691	Belven Park Hill	5434560	487622	14569	11250	0.5	<1	-	<1	1	14	14	16	yel/an org cy - chips contain fc qtz	OCTsst
215692	Belven Park Hill	5434571	487609	14573	11250	0.4	<1	-	<1	1	<2	3	8	yel/an org sandy cy - chips contain fc qtz	OCTsst
215693	Belven Park Hill	5434593	487597	14600	11250	0.5	<1	-	<1	1	<2	4	4	dk yel/ab org cy aft sst - chips contain fc qtz	OCTsst
215694	Belven Park Hill	5434615	487584	14626	11250	0.5	<1	-	<1	1	<2	7	5	dk yel/an org sandy cy - chips contain fc qtz	OCTsst
215695	Belven Park Hill	5434654	487631	14675	11276	0.5	<1	-	<1	2	<2	11	7	yel/an org cy aft sst - chips contain ~5% qtz	OCTsst
215697	Belven Park Hill	5434710	487674	15000	11275	0.6	<1	-	<1	1	<2	5	6	dk yel/an org sandy cy - chips contain fc qtz	OCTsst
215600	Belven Park Hill	5434731	487611	14625	11225	0.5	<1	-	<1	2	<2	11	6	dk yel/an org sandy cy - chips contain fc qtz w some mm rdd pebbles	OCTsst
215601	Belven Park Hill	5434737	487600	14602	11225	0.5	<1	-	<1	1	<2	5	7	dk yel/ab org sandy cy - chips contain fc qtz	OCTsst
215602	Belven Park Hill	5434659	487558	14675	11225	0.5	<1	-	<1	1	<2	6	7	dk yel/ab org sandy cy - chips contain fc qtz	OCTsst
215603	Belven Park Hill	5434680	487576	15000	11225	0.6	<1	-	<1	1	<2	6	8	dk yel/ab org sandy cy - chips contain fc qtz	OCTsst
215604	Belven Park Hill	5434651	487600	14900	11200	0.5	<1	-	<1	1	<2	5	6	dk yel/an org sandy cy - chips contain fc qtz	OCTsst
215605	Belven Park Hill	5434603	487591	14825	11200	0.8	<1	-	<1	3	4	7	3	dk yel/ab org and mott sandy cy - chips contain 3% qtz	OCTsst
215606	Belven Park Hill	5434560	487570	14626	11176	0.6	<1	-	<1	1	<2	5	2	bn to org bn sandy cy - chips contain ~10% qtz	OCTsst
215612	Belven Park Hill	5434620	487581	14845	11200	0.6	<1	-	<1	1	<2	3	2	yel/ab org cy - chips contain fc qtz	OCTsst
215613	Belven Park Hill	5434642	487569	14870	11200	0.5	<1	-	<1	3	5	3	2	dk yel/an org cly aft sst - chips contain negligible qtz	OCTsst
215614	Belven Park Hill	5434612	487557	14850	11175	0.7	<1	-	<1	2	<2	<3	<2	dk yel/an org cly aft sst - chips contain negligible qtz	OCTsst
215615	Belven Park Hill	5434588	487611	14895	11200	0.6	<1	-	<1	4	2	8	4	dk yel/an org cly aft sst - chips contain negligible qtz	OCTsst

1998/97 Ridge Top programme

Sample Number	Area/Leader/Id	AMG Northing	AMG Easting	Au (ave)	As
CT1	Ridge Top	5436200	483380	<5	47.2
CT2	Ridge Top	5436520	483170	<5	7.5
CT3	Ridge Top	5436475	483395	<1	<0.5
CT4	Ridge Top	5436440	483395	<1	<0.5
CT5	Ridge Top	5436415	483420	<1	<0.5
CT6	Ridge Top	5436376	483440	<5	<0.5
CT7	Ridge Top	5436345	483470	<5	<0.5
CT8	Ridge Top	5435220	483495	<5	<0.5
CT9	Ridge Top	5435200	483530	7	<0.5
CT10	Ridge Top	5436255	483548	<5	0.4
CT11	Ridge Top	5436225	483565	<5	<0.5
CT12	Ridge Top	5436180	483575	<5	<0.5
CT13	Ridge Top	5436145	483585	<5	<0.5
CT14	Ridge Top	5436105	483595	<5	<0.5
CT15	Ridge Top	5436070	483620	<5	<0.5
CT16	Ridge Top	5436025	483645	<5	<0.5
CT17	Ridge Top	5435990	483670	<5	13.6
CT18	Ridge Top	5435925	483705	<5	13.1
CT19	Ridge Top	5435925	483725	<5	<0.5
CT20	Ridge Top	5435870	483757	<5	5.8
CT21	Ridge Top	5436540	483775	<5	55
CT22	Ridge Top	5436500	483785	<5	0.5
CT23	Ridge Top	5436770	483805	<5	<0.5
CT24	Ridge Top	5436795	483830	<5	<0.5
CT25	Ridge Top	5435660	483833	<5	<0.5
CT26	Ridge Top	5435659	483857	<5	<0.5
CT27	Ridge Top	5435815	483610	<5	0.5
CT28	Ridge Top	5435580	483699	<5	<0.5
CT29	Ridge Top	5435650	483925	<5	0.5
CT30	Ridge Top	5435645	483925	2	6.5
CT31	Ridge Top	5434405	483965	<5	<0.5
CT32	Ridge Top	5435418	483995	<5	0.5
CT33	Ridge Top	5435310	484000	<5	1.3
CT34	Ridge Top	5435330	484030	<5	<0.5
CT35	Ridge Top	5435300	484055	<5	<0.5
CT36	Ridge Top	5435260	484070	<5	0.8
CT37	Ridge Top	5435238	484090	<5	<0.5
CT38	Ridge Top	5435735	484115	<5	<0.5
CT39	Ridge Top	5435165	484140	<5	0.5
CT40	Ridge Top	5435140	484175	<5	5.2
CT41	Ridge Top	5435110	484200	<5	<0.5
CT42	Ridge Top	5435080	484230	LNR	LN

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Sample Number	Area/baseline	AMG Northing	AMG Easting	Au (ave)	As
SH82	Ridge Top	5433685	486520	<10	1.2
SH83	Ridge Top	5433650	486510	<10	<<0.5
SH84	Ridge Top	5433625	486510	<10	22
SH85	Ridge Top	5433590	486510	<10	1.1
SH86	Ridge Top	5433570	486510	<10	1.2
SH87	Ridge Top	5433540	486505	<10	4.3
SH88	Ridge Top	5433505	486505	<10	2.2
SH89	Ridge Top	5433465	486505	<10	0.6
SH90	Ridge Top	5433425	486505	<10	<0.5
SH91	Ridge Top	5433385	486505	<10	9.1
SH92	Ridge Top	5433340	486505	<10	0.6
SH93	Ridge Top	5433300	486500	<10	0.7
SH94	Ridge Top	5433250	486500	<10	5.3
SH95	Ridge Top	5433210	486500	<10	5.7
SH96	Ridge Top	5433170	486500	<10	4.2
SHB1	Ridge Top	5433705	486535	IS	5.4
SHB2	Ridge Top	5433670	486560	<1	<0.5
SHB3	Ridge Top	5433640	486585	<1	0.5
SHB4	Ridge Top	5433610	486625	<1	1.2
SHB5	Ridge Top	5433575	486650	2	9
SHB6	Ridge Top	5433550	486675	9	2
SHB7	Ridge Top	5433510	486690	12	95
SHB8	Ridge Top	5433465	486705	2	6
SHB9	Ridge Top	5433420	486715	3	17
SHB10	Ridge Top	5433380	486720	1	11
SHB11	Ridge Top	5433340	486730	17	5
SHB12	Ridge Top	5433300	486745	125	20
SHC1	Ridge Top	5433225	486450	<5	1.4
SHC2	Ridge Top	5433260	486440	<5	1.4
SHC3	Ridge Top	5433300	486430	<5	<0.5
SHC4	Ridge Top	5433340	486420	<5	2.2
SHC5	Ridge Top	5433375	486410	<5	1.1
SHC6	Ridge Top	5433420	486400	<5	<0.5
SHC7	Ridge Top	5433455	486390	<5	<0.5
SHC8	Ridge Top	5433490	486380	<5	0.7
SHC9	Ridge Top	5433530	486370	<5	<0.5
SHC10	Ridge Top	5433570	486360	<5	<0.5
SHC11	Ridge Top	5433610	486350	<5	5.9
TR1	Ridge Top	5438590	484230	14	9.4
TR2	Ridge Top	5438620	484205	<5	7.3
TR3	Ridge Top	5438650	484180	<5	4.3
TR4	Ridge Top	5438685	484155	28	16.8
TR5	Ridge Top	5438715	484130	14	2.5
TR6	Ridge Top	5438750	484105	<5	13
TR7	Ridge Top	5438775	484075	<5	12.7
TR8	Ridge Top	5438800	484045	12	8.1
TR9	Ridge Top	5438825	484015	5	1.7
TR10	Ridge Top	5438855	483990	<5	2.8
TR11	Ridge Top	5438875	483955	<5	5.4
TR12	Ridge Top	5438905	483925	<5	8.8
TR13	Ridge Top	5438940	483890	<5	6.1
TR14	Ridge Top	5438970	483865	<5	7.9
TR15	Ridge Top	5439000	483835	<5	11.5
TR16	Ridge Top	5439025	483805	7	16
TR17	Ridge Top	5439060	483780	5	9.4
TR18	Ridge Top	5439095	483765	<5	10.6
TR19	Ridge Top	5439130	483740	<5	0.9
TR20	Ridge Top	5439160	483720	<5	20
TR21	Ridge Top	5439190	483700	<5	5.7
TR22	Ridge Top	5439225	483680	<5	0.7
TRB1	Ridge Top	5438735	484060	4	2.3
TRB2	Ridge Top	5438715	484030	3	1.1
TRB3	Ridge Top	5438700	483990	1160	2
TRB4	Ridge Top	5438710	483945	86	4
TRB5	Ridge Top	5438725	483905	9	42
TRB6	Ridge Top	5438740	483860	<1	0.8

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APPENDIX 2

ROCK SAMPLE LEDGER

Appendix 2: Rock Sample Ledger 1998/99 samples

Sample Number	AMG Northing	AMG Easting	Description	Ti	Zr	Nb	Rb	Y	Ba	Sr	Sn	V	Ni	Co	Cr	P
Trace element lithogeochemical samples and analyses																
216105	5428945	465550	med clk gry qtz sst	3180	233	11	59	83	440	153	5	87	24	97	X	3300
216106	5428060	466610	med clk gry qtz sst	2040	618	12	27	128	165	172	3	21	10	421	5	12440
216119	5432057	464650	med clk gry qtz sst	1760	269	7	36	41	161	122	3	22	11	43	5	2960
216120	5432445	464622	med clk gry qtz sst	2830	240	10	34	345	58	5	47	9	169	X	1850
216139	5433835	463095	fg sh	4360	134	13	122	21	485	15	3	169	X	99	X	100
216141	5433890	463060	dk gy chert	320	12	X	7	4	54	X	X	15	X	192	X	54
216143	5433940	463010	dk gy chert	7520	181	18	130	17	570	18	4	220	15	199	X	56
216144	5433940	463110	sh w z clv	5720	119	8	95	21	430	X	3	149	5	166	X	62
216145b	5434466	465411	blk carbonaceous sh	4310	227	17	227	36	1180	29	7	152	65	99	8	1050
216146	5435400	465330	blk carbonaceous sh	4320	216	19	244	33	1930	22	7	144	59	85	X	190
216147	5435860	465430	laminated sh w light bands	4380	145	18	248	34	1260	22	8	171	27	107	7	835
216148	5435960	465450	laminated sh w light bands	3990	168	16	208	28	1030	23	6	205	27	89	7	84
216149	5435602	465627	blk carbonaceous sh	3930	141	17	205	34	570	18	5	194	14	65	X	100
216150	5435739	465744	sh/ash	4180	194	16	183	31	1000	21	7	174	31	92	9	405
216151	5434458	465228	sh/ash wed imc	4400	197	18	233	32	4180	32	6	118	11	87	X	66
216152	5434746	465753	blk gy sh/ash	4270	184	18	210	31	875	21	7	127	18	93	5	395
216153	5435722	465727	blk gy sh	4070	196	15	213	26	1170	18	7	118	12	102	X	420
216154	5435792	465600	blk cl gy sh/ash	4230	162	17	231	30	946	21	6	133	33	100	7	475
216155	5435830	465600	laminated sh w light bands	4050	189	14	196	28	1000	16	6	153	11	87	5	76
216156	5435899	465400	laminated sh w light bands	4200	175	17	202	33	600	15	6	120	13	102	6	136
216157	5436495.88	464965	sh/ash bg/ gy qtz sst/cgl/blk unit (DOH 846 95.7m - 97.7m)	3530	208	12	141	27	530	454	5	90	31	71	12	530
216158	5436540.89	462495.61	sh/ash bg/ gy graded turbidite unit (DOH 846 95.1m - 95.6m)	4080	290	15	149	37	660	20	6	86	35	81	11	490
216159	5436540.89	462495.61	sh/ash bg/ gy graded turbidite unit (DOH 846 87.8m - 88.6m)	3560	223	16	157	34	720	25	4	104	36	77	14	430
216160	5437956	465090	sst	4060	197	16	158	34	460	14	7	157	148	192	22	270
216161	5437966	465600	fcr sst	4360	197	16	149	29	430	12	6	137	144	158	21	320
216162	5438370	467350	sst w trilo fossils	3920	145	13	97	27	1230	9	5	114	100	147	49	610
216163	5438420	467320	qtz sst w trilo fossils	3700	289	11	45	22	195	9	6	100	144	691	22	540
216164	5438438	467320	qtz sst w trilo fossils	4400	413	14	52	30	1030	9	6	155	155	1360	18	460
216165	5439065	462300	imc qtz sst	2750	447	10	88	19	600	15	3	66	6	73	X	98
216166	5439255	462300	imc qtz sst	2860	505	10	83	22	790	20	3	63	5	205	X	82
216167	5435370	461760	harz mel gry qtz sst	1040	98	X	20	10	67	5	X	24	43	129	X	68
216168	5435390	461750	harz mel gy qtz sst	1520	198	5	16	8	32	X	X	34	10	332	X	32
216169	5433900	463640	laminated sh w light bands	4070	169	16	184	30	610	17	X	110	10	88	6	52
213838 check	5437570	465700		4560	209	17	153	35	440	14	3	141	161	181	24	385
213839 check	5437592	465700		4040	185	15	143	34	410	12	3	114	112	123	18	350
Gold and pathfinder suite samples and analyses				Au	Au (opt)	Au (aav)	As	Ag	Cu	Pb	Zn	Ni	Cr			
216500	5439003.04	467640.05	sst w 5mm tonalsnal qtz vn (<5% qtz vng)	<10	-	<10	1	<1	5	3	5	-	-			
216001	5439011.7	467644.08	sst w 5mm tonalsnal qtz vns (<5% qtz vng)	<10	-	<10	32	<1	5	3	3	-	-			
216002	5434126.21	467519.66	sst, wy ferrug, w 2-5mm tonalsnal qtz vns	<10	-	<10	2	<1	4	<3	3	-	-			
216003	5433892.04	467853.94	10-20mm tension lite qtz vns in lcd grit	<10	-	<10	<1	<1	3	<3	3	-	-			
216004	5433913.66	467627.46	aselct bucky qtz and shallne qtz	<10	-	<10	<1	<1	2	<3	2	-	-			
216005	5434039.24	467451.87	aselct bucky qtz and shallne qtz	<10	-	<10	<1	<1	3	3	78	-	-			
216008	5433768.4	467495.88	5-30mm tension lite qtz in lcd grit	<10	-	<10	4	<1	7	7	5	-	-			
216007	5433916.9	467784.67	aselct bucky and buchy qtz	<10	-	<10	<1	<1	3	<3	2	-	-			
216008	5433604.27	467821.57	ld milky qtz w trs shaley ifrags - also apple grn Cr staining	<10	-	<10	<1	<1	3	16	<2	-	-			
216010	5433617.66	467871.57	apple grn stained lcd grit w rrn qtz vng	<10	-	<10	<1	<1	4	4	39	-	-			
216011	5433433.02	467934.67	apple grn stained lcd grit w rrn qtz vng	<10	-	<10	<1	<1	4	<3	4	-	-			
216012	5433476.62	467784.3	aselct dar w qtz stalk	<10	-	<10	3	<1	3	5	<2	-	-			
216013	5435569.92	467952.8	cg sst lcd w 5-10mm tensional qtz vns	<10	-	<10	2	<1	3	6	3	37	-			
216014	5433240.12	467900.67	aselct bucky and stallite qtz	<10	-	<10	<1	<1	3	<3	<2	-	-			
216015	5433979.68	468051.16	v p w/staple gn alt sst w dcd Cr grains ins some id sin/vng	<10	-	<10	<1	<1	3	<3	91	-	-			
216016	5433970.68	468041.18	aselct bucky qtz some stallne some wy ferrug	<10	-	<10	<1	<1	2	3	4	-	-			
216017	5433046.68	467870.68	aselct bucky qtz some blacutty some wy ferrug	<10	-	<10	1	<1	<1	<3	13	-	-			
216018	5433845.68	467670.88	sicl int w grains dcd Cr	<10	-	<10	<1	<1	4	4	23	-	-			
216019	5433608.39	467924.28	aselct pieces sicl sst w Cr and sln as vng w vnts C+wpy?	<10	-	<10	11	<1	6	8	126	-	-			
216020	5433109.25	467953.49	ferrug sst w qtz vng and any qtz frags (shead-lest)	<10	-	<10	3	<1	4	4	30	-	-			
216021	5433046	467451.08	imore blaucky qtz w jointing/vugs	<10	-	<10	3	<1	11	<3	9	-	-			
216022	5433428.04	467348.57	aselct bucky qtz	<10	-	<10	<1	<1	3	<3	2	-	-			
216023	5433007.62	467127.15	v ferrug fest w eng qtz frags	<10	-	<10	52	<1	44	14	59	-	-			
216027	5432280	466295	sicl mod gn alt w/ ferrug vugs - cd 160nm	<10	-	<10	18	<1	9	6	<2	<3	37			
216030	5432160	466620	shale w 2mm qtz vns cond fe, cn/SO--3Cr	<10	?	?	<1	<1	72	70	170	162	251			
216034	5433915	466125	cg sst w 5-10mm tension vns	<1	<1	<1	65	<1	6	8	30	7	262			
216035	5433222.46	465312.2	wy fg/ mod gn alt sst w ferrug vng & qtz vn & shears	<1	-	<1	5	<1	6	7	12	5	243			
216037	5433049.59	465975.07	mod fg gn sst w 1-5mm dk qtz vns ~1/1cm	<1	-	<1	<1	<1	4	<3	3	5	313			
216038	5433425	467566	aselct sst w ferrug 5-10mm tension qtz vns	<1	-	<1	5	<1	3	<3	<2	<3	348			
216039	5433453	467850	wed sst w ferrug 10-30mm tension qtz vns	<1	-	<1	<1	<1	3	<3	<2	9	410			
216040	5433926	467907	ferrug sst w tension qtz w lmw vugs	<1	-	<1	<1	<1	3	<3	<2	3	407			
216041	5433541	467795	aselct bucky qtz	<1	-	<1	<1	<1	4	<3	<2	7	477			
216042	5433597	467773	aselct bucky qtz	<1	-	<1	<1	<1	3	<3	<2	<3	377			
216043	5433592	467772	aselct bucky qtz	<1	<1	<1	<1	<1	3	<3	<2	7	453			
216044	5433422	467751	10 tension qtz vns in lcd cg sst	<1	-	<1	<1	<1	3	<3	9	<3	511			
216045	5433403	467761	ferrug bde-cap	7	6	7	2	<1	21	32	12	8	168			
216046	5433413	467767	aselct bucky qtz	5	3	4	<1	<1	7	6	19	3	466			
216048	5433998	467999	sicl mod gn alt w ferrug vugs - cd 140nm	<1	2	2	6	<1	6	6	15	7	424			
216049	5433993	468003	aselct bucky qtz	<1	<1	<1	4	<1	6	4	<2	3	420			
216050	5433980	468021	aselct bucky qtz	<1	-	<1	2	<1	5	6	71	8	1998			
216051	5433986	468027	aselct bucky qtz	<1	-	<1	2	<1	5	6	47	5	447			
216052	5433039	468032	med dk gy sst w 5-20mm tension vns	6	-	6	<1	<1	10	4	3	9	801			
216053	5433015	468020	aselct bucky qtz	26	25	27	7	<1	9	6	47	5	1207			
216054	5433438	467995	ireg 5-20mm tension vns in vy sst	15	-	15	<1	<1	6	4	<2	4	360			
216055	5433481	467785	aselct bucky qtz and lse crystals	15	17	18	12	<1	8	5	<2	4	1770			
216056	5433533	467762	aselct bucky qtz	<1	2	1	3	-	7	4	<2	10	668			
216057	5433943	467958	v ferrug sst w v gossanous	166	199	166	60	-	22	53	923	17	1166			
216058	5433944	467928	ferrug fest w ang qtz frags	46	36	41	8	-	23	18	6000	17	69			
216059	5433928	467902	20mm tensional q vns in sst	2	-	2	<1	-	8	4	3	7	466			
216060	5433948	467906	mod ferrug sst w qtz vns	4	-	4	<1	-	7	4	16	3	434			
216061	5433946	467914	v ferrug sst w 30% gossanous	36	28	32	30	-	10	32	229	<3	154			
216062	5433935.37	467936.83	v ferrug sst w 90% gossanous	2	-	2	95	-	12	20	16	9	346			
216064	5433841	467980	sicl sst w sed ferrug sthg & rrn dcd Cr in sst (diditist)	4	4	4	<1	-	4	7	11	14	464			
216065	5433842	467992	dk yellt sst	8	-	8	42	-	12	37	160	27	144			
216066	5433839	467984	v ferrug bde-cap	15	-	15	225	-	14	82	784	29	393			
216067	5433842	467990	v ferrug bde-cap & biscuity qtz	11	-	11	44	-	7	58	526	55	277			
216068	5433830	467998	v ferrug bde-cap & sicl sst w Cr+Fe (pyrite?) vnts	13	-	13	9	-	5	6	226	9	2600			
216069	5433950	467974	p appie grn stained sst	2	-	2	<1	-	7	6	29	11	1165			
216070	5433482	467772.8	lcd sst w/ ang qtz frags of apple grn Cr	<1	<1	<1	<1	-	7	7	45	3	1770			
216072	5433104	465683	qtz & clay	<1	-	<1	3	<1	27	14	58	-	-			
216073	5432580	466000	hcd sst w ferrug cal aft sh/ash	<1	-	<1	11	<1	173	42	115	-	-			
216074	5433739	466056	dk gy qtz sst w 5-10mm q vn ~1/2dmm	<1	-	<1	<1	<1	3	10	5	-	-			
216075	5433024	465922	lesstcode-cap aft sh/ash	<1	-	<1	10	<1	101	11	385	-	-			
216076	5432463	465923	hcd sst w qtz vns	<1	-	<1	<1	<1	3	<3	4	-	-			
216087	5432071	465929	aselct bucky qtz	<1	<1	<1	6	<1	8	<3	11	-	-			
216088	5432169	465769	aselct bucky qtz			<1	3	<1	4	<3	4	-	-			
216089	5432168	465769	fest aft sh/ash w 5-15mm ~1/4dmm vn	<1	-	<1	15	<1	69	20	191	-	-			
216091	5432858	465937	ferrug bucky qtz	<1	-	<1	1	<1	3	<3	3	-	-			
216093	5433019.5	465330	qtz vng in oc	1	-	<1	6	<1	3	<3	7	-	-			
216094	5433024	465330	qtz vng in oc	<1	-	<1	2	<1	15	4	6	-	-			
216095	5433030	465330	qtz vn in oc	<1	-	<1	3	<1	6	4	19	-	-			
216096	5433034	465330	qtz vng in oc	<1	-	<1	3	<1	6	4	10	-	-			
216098	5432952	465685	aselct bucky qtz	<1	-	<1	3	<1	6	<3	5	-	-			
216100	5432213	465615	aselct bucky	<1	<1	<1	3	<1	<2	<3	3	-	-			
216101	5432270	465580	ferrug sh and v ferrug qtz (qtz sasayed) snullock from collapsed adit	<1	-	<1	3	<1	4	<3	44	-	-			
216102	5429280	466505	aselct dar 50mm tension vng	<1	-	<1	3	<1	4	9	4	-	-			
216103	5434270	465930	aselct bucky qtz	<1	<1	<1	3	<1	5	<3	4	-	-			
216104	5428914	466502	aselct bucky qtz	<1	-	<1	2	<1	<2	5	3	-	-			
216106	5428980	465708	aselct bucky qtz			<1	4	<1	5	3	37	-	-			
216109	5429020	465430	aselct bucky qtz			<1	1	<1	<2	<3	4	-	-			
216110	5429040	465420	aselct bucky qtz			<1	3	<1	4	<3	4	-	-			
216111	5429850	465400	aselct bucky qtz			<1	3	<1	4	<3	4	-	-			
216112	5429340	466470	aselct bucky qtz			<1	<1	<1	<2	<3	8	-	-			
216113	5429170	465570	aselct bucky qtz			<1	2	<1	3	<3	6	-	-			
216114	5429160	466570	aselct bucky qtz			<1	2	<1	3	<3	6	-	-			
216115	5429050	466540	aselct bucky qtz			<1	<1	<1	2	<3	4	3	-	-		
216116	5429030	466730	aselct bucky qtz			<1	1	<1	<2	<3	3	-	-			
216117	5429273	464635	aselct bucky qtz			<1	1	<1	<2	15	4	-	-			
216118	5431830	465210	qtz sst w 1/10mm lme-pene/lst qtz vnts			<1	3	<1	4	<3	10	-	-			
216121	5431879.5	464709.3	fest sh w qtz vng	24	34	24	48	<1	23	25	25	-	-			
216126	5432123	464643	calc vng in lst	21	18	20	1	<1	3	3	11	-	-			
216127	5432560	464611	calc vng in lst			<1	5	2	6	26	17	-	-			
216129	5434611	463785	qtz vng ifrom ov/c	2	<1	2	1	2	4	7	39	-	-			
216130	5434618	463786	qtz vng ifrom ov/c	<1	<1	<1	<1	<1	3	<3	4	-	-			
216131	5434584	463812	qtz vng ifrom ov/c	<1	<1	<1	<1	<1	2	9	35	-	-			
216132	5434560	463846	qtz vng ifrom ov/c	10	10	10	3	<1	8	9	115	-	-			
216133	5434602	464032	qtz vng ifrom ov/c	4	6	6	2	<1	2	52	7	-	-			
216134	5434609	464031	qtz vng ifrom ov/c	3	4	4	<1	<1	2	34	21	-	-			
216135	5434609	464004	qtz vng ifrom ov/c	6	6	6	<1	<1	2	13	15	-	-			
216136	5434622.8	463997.6	qtz vng ifrom ov/c	<1	<1	<1	<1	<1	3	4	13	-	-			
216137	5434622	463950	qtz vng ifrom ov/c	<1	<1	<1	<1	<1	3	<3	6	-	-			
216138	5435085	463603	qtz vng ifrom ov/c	<1	<1	<1	<1	<1	2	3	6	-	-			
216145a	5433388	463144	30mm qtz in lst	<1	<1	<1	65	<1	4	6	6	-	-			
216763	5435594.6	463068.4	sil/gn block dir bucky qtz	<1	<1	<1	1	<1	5	5	7	-	-			
216764	5435075	463870	aselct bucky qtz	<1	<1	<1	4	<1	4	<3	5	-	-			
216765	5437057.58	466226.21	qtz vnd qtz sst	7	6	7	<1	<1	8	3	16	-	-			
216766	5437052.25	466236.21	imc qtz vn	<1	<1	<1	<1	<1	3	<3	4	-	-			
216787	5437716	466140	ferrug sst qtz grit	<1	<1	<1	<1	<1	3	<3	29	-	-			
216788	5437740.76	466126.21	my sid qtz grit	<1	<1	<1	<1	<1	2	<3	2	-	-			
216789	5437600	466120	my sid qtz grit	<1	<1	<1	<1	<1	2	<3	4	-	-			
216790	5437845	466090	aselct bucky qtz	<1	<1	<1	52	<1	<2	<3	3	-	-			
216791	5437630	466095	cg qtz sst w sid and ferrug & pore cv's	<1	<1	<1	3	<1	3	<3	3	-	-			
216793	5434732.92	463468.46	10-30mm shreeted qtz vn in sst	<1	<1	<1	2	<1	15	39	23	-	-			
216794	5435039.89	463297.9	aselct bucky qtz	<1	<1	<1	2	<1	3	<3	4	-	-			
216795	5435270	463200	aselct bucky qtz lin fest	<1	<1	<1	270	<1	125	538	152	-	-			
216796	5435270	463200	ferrug qtz in fest	<1	<1	<1	355	<1	186	1096	228	-	-			
216797	5435270	463210	aselct ferrug qtz in fest	<1	<1	<1	1	<1	15	36	25	-	-			
216798	5435354.27	463104.63	bucky qtz	<1	<1	<1	<1	<1	3	15	3	-	-			
216799	5435516.01	463022.8	10-30mm shreeted qtz vn in sst sim 216793	<1	<1	<1	55	<1	30	57	53	-	-			
216800	5435400	463120	aselct bucky qtz	28	?	?	95	<1	5	<3	2	-	-			
216801	5434479.66	463014.9	10-30mm shreeted qtz vn in sst sim 216793	<1	<1	<1	1	<1	5	<3	3	-	-			
216802	5433873.33	464317.61	aselct bucky qtz	<1	<1	<1	<1	<1	2	11	23	-	-			
216803	5433610.74	464122.81	aselct bucky qtz	<1	<1	<1	<1	<1	3	9	<2	-	-			
216804	5433707.55	463972.8	aselct bucky silver	<1	<1	<1	<1	<1	3	13	12	-	-			
216805	5434674.07	463324.14	aselct bucky qtz	<1	<1	<1	2	<1	6	15	4	-	-			
216806	5434541.73	463063.9	med fest w/ qtz	<1	<1	<1	29	<1	11	15	7	-	-			
216807	5434318.52	463069.7	ferrug tension vn 16mm	<1	<1	<1	280	<1	138	171	56	-	-			
216808	5434144.5	463053.7	fest	<1	<1	<1	748	<1	63	112	29	-	-			
216809	5434340.17	463058.2	fest	<1	<1	<1	17	<1	7	36	280	-	-			
216810	5434238.34	463033.63	fest	<1	<1	<1	33	<1	4	<3	5	-	-			
216811	5434324.01	463093.53	fest w 10mm qtz vng	<1	<1	<1	18	<1	35	218	25	-	-			
216812	5434132.32	463706.2	oct tension vnts (<10mm) in qtz sst	<1	<1	<1	6	<1	6	18	12	-	-			
216813	5434202.32	463618.8	50mm qtz in sst	<1	<1	<1	6	<1	6	10	10	-	-			
216814	5434105.3	463604.6	sim 216814 w qtz tension vng	<1	<1	<1	1	<1	<2	7	10	-	-			
216815	5434142.64	463384.6	bucky qtz	<1	<1	<1	1	<1	3	<3	11	-	-			
216816	5434212.23	463544.8	wy fest 10mm tension vn in qtz sst	<1	<1	<1	1	<1	17	3	5	-	-			
216817	5434178.22	463540.49	aselct tension vng in qtz sst	<1	<1	<1	1	<1	4	4	19	-	-			
216818	5434140	463350	tension vns in sst	<1	<1	<1	1	<1	4	<3	5	-	-			
216819	5433860	463560	aselct bucky qtz to 50mm imc spec fest	<1	<1	<1	<1	<1	<2	<3	2	-	-			
216820	5433810	463510	ferrug qtz	<1	<1	<1	65	<1	38	8	66	-	-			
216821	5433920	463350	wy fmnt bucky qtz	<1	<1	<1	5	<1	12	4	16	-	-			
216822	5434460	463510	aselct bucky qtz	<1	<1	<1	3	<1	11	4	15	-	-			
216823	5433870	464570	biscuity qtz	<1	<1	<1	2	<1	7	<3	11	-	-			
216824	5435391.92	464612.68	aselct bucky qtz	<1	<1	<1	1	<1	3	<3	<2	-	-			
216825	5435560	464570	imc buck qtz	<1	<1	<1	<1	<1	12	<3	2	-	-			
216826	5434120	464330	hmt qtz	<1	<1	<1	<1	<1	<2	<3	<2	-	-			
216827	5434250	464320	aselct bucky qtz	<1	<1	<1	<1	<1	4	<3	3	-	-			
216828	5434260	464170	aselct bucky qtz	<1	<1	<1	<1	<1	8	<3	2	-	-			
216829	5434560	464070	aselct bucky qtz	<1	<1	<1	<1	<1	5	<3	3	-	-			
216830	5433370	464800	aselct bucky qtz	<1	<1	<1	<1	<1	<2	<3	<2	-	-			
216831	5433550	464750	aselct bucky qtz	<1	<1	<1	<1	<1	3	<3	3	-	-			
216832	5433320	464670	aselct bucky qtz	<1	<1	<1	<1	<1	2	<3	2	-	-			
216833	5433310	464730	aselct qtz float from dam shore	<1	<1	<1	<1	<1	<2	<3	<2	-	-			
216834	5435552.49	464271.91	aselct bucky qtz	<1	<1	<1	<1	<1	2	<3	3	-	-			
216835	5434561.87	464306.91	30mm wide qtz vein on sst	<1	<1	<1	<1	<1	3	<3	11	-	-			
216836	5434585.22	464310.76	ferrug qtz w 2 parallel vns to 100mm ln sst	<1	<1	<1	<1	<1	3	<3	16	-	-			
216837	5434318.26	464349.41	aselct bucky qtz	<1	<1	<1	<1	<1	6	<3	8	-	-			
216838	5434426.86	464227.61	bucky qtz	<1	<1	<1	1	<1	6	<3	28	-	-			
216839	5434080.84	464197.81	buck qtz	<1	<1	<1	1	<1	6	<3	3	-	-			
216841	5433515.89	464460.51	aselct bucky qtz	<1	<1	<1	<1	<1	5	<3	3	-	-			
216842	5433463.91	464429.51	buck qtz	<1	<1	<1	<1	<1	4	<3	2	-	-			
216843	5433472.59	464433.51	aselct bucky qtz	<1	<1	<1	<1	<1	8	<3	<2	-	-			
216844	5433538.05	464349.61	aselct bucky qtz	<1	<1	<1	<1	<1	4	<3	7	-	-			
216845	5433528.92	464517.62	aselct bucky qtz	<1	<1	<1	<1	<1	4	6	6	-	-			
216846	5433467.63	464557.62	aselct bucky qtz and tension vns in qtz	<1	<1	<1	<1	<1	4	<3	25	-	-			
216847	5433270	463650	aselct bucky qtz	<1	<1	<1	2	<1	8	<3	27	-	-			
216848	5433270	463620	aselct bucky qtz	<1	<1	<1	<1	<1	3	<3	4	-	-			
216849	Ehawk Gully lower adit	nr	bunchy quartz	324	-	324	80	<1	114	26	28	-	-			
216850	Ehawk Gully lower adit	nr	bunchy quartz	<1	-	<1	<1	<1	10	<3	7	-	-			
216851	Ehawk Gully lower adit	nr	bunchy quartz	51	-	51	13	<1	31	66	6	-	-			
216852	Ehawk Gully lower adit	nr	bunchy quartz	83	-	83	5	<1	15	<3	39	-	-			
216853	Ehawk Gully lower adit	nr	bunchy quartz	23	-	23	2	<1	6	30	<3	79	-			
216854	Ehawk Gully lower adit	nr	bunchy quartz	108	-	108	265	<1	25	66	6	-	-			
216855	Ehawk Gully lower adit	nr	bunchy quartz	748	-	748	63	<1	112	6	3	-	-			
216856	Ehawk Gully lower adit	nr	bunchy quartz	241	-	241	45	<1	224	24	27	-	-			
216857	Ehawk Gully lower adit	nr	bunchy quartz	<1	-	<1	<1	<1	8	10	4	-	-			
216858	Ehawk Gully lower adit	nr	bunchy quartz	42	-	42	8	<1	55	4	9	-	-			
216859	Ehawk Gully lower adit	nr	bunchy quartz	31	-	31

Sample Number	Area Easting	AMG Northing	AMG Easting	Alt (RL)	As
FGB4	Ridge Top	5431745	483955	<5	65
FGB5	Ridge Top	5431715	483975	<5	63
FGB6	Ridge Top	5431665	484000	<5	65
FGB7	Ridge Top	5431655	484005	<5	70
FGB8	Ridge Top	5431630	484025	<5	65
FGB9	Ridge Top	5431600	484065	<1	44.2
FGB10	Ridge Top	5431570	484115	<1	2
FGB11	Ridge Top	5431535	484140	2	105
FGB12	Ridge Top	5431510	484170	<1	225
FGB13	Ridge Top	5431465	484200	<1	295
FGB14	Ridge Top	5431455	484230	<1	56
FGB15	Ridge Top	5431420	484250	<1	16
FGB16	Ridge Top	5431390	484275	<1	13.7
FGB17	Ridge Top	5431360	484300	<5	11
FGB18	Ridge Top	5431335	484330	<1	10
FGB19	Ridge Top	5431300	484365	<5	9.8
FGB20	Ridge Top	5431270	484380	<5	12.7
FGB21	Ridge Top	5431240	484405	<1	11
FGB22	Ridge Top	5431210	484430	<5	15
FGB23	Ridge Top	5431180	484460	5	3
FGB24	Ridge Top	5431150	484490	<5	2
FGB25	Ridge Top	5431118	484520	<5	1.8
FGB26	Ridge Top	5431085	484549	<5	3.9
FGB27	Ridge Top	5431045	484560	5	2.2
FGB28	Ridge Top	5431015	484590	<1	4.1
FGB29	Ridge Top	5430975	484595	<1	15.8
FGB30	Ridge Top	5430930	484605	<5	16
FGB31	Ridge Top	5430885	484610	<1	16.4
FGB32	Ridge Top	5430850	484615	<1	11
FGB33	Ridge Top	5430805	484605	5	8.4
PH1	Ridge Top	5436155	482225	<5	30
PH2	Ridge Top	5436105	482240	5	120
PH3	Ridge Top	5436075	482250	9	180
PH4	Ridge Top	5436035	482270	5	60
PH5	Ridge Top	5436000	482290	<5	14
PH6	Ridge Top	5435995	482320	<5	13.6
PH7	Ridge Top	5435925	482315	<5	26
PH8	Ridge Top	5435890	482335	<5	30
PH9	Ridge Top	5435850	482340	7	29
PH10	Ridge Top	5435810	482350	<5	30
PH11	Ridge Top	5435775	482360	<1	80
PH12	Ridge Top	5435730	482378	<1	70
PH13	Ridge Top	5435700	482390	<1	18.1
PH14	Ridge Top	5435665	482415	<1	65
PH15	Ridge Top	5435630	482440	<1	36
PH16	Ridge Top	5435595	482445	<1	36
PH17	Ridge Top	5435560	482455	<5	38
PH18	Ridge Top	5435520	482460	9	22
PH19	Ridge Top	5435485	482470	<5	47.8
PH20	Ridge Top	5435440	482475	<5	17
PH21	Ridge Top	5435405	482485	<5	4.6
PH22	Ridge Top	5435360	482500	8	5.9
PH23	Ridge Top	5435320	482515	7	14
PH24	Ridge Top	5435286	482525	<5	5.6
PH25	Ridge Top	5435250	482540	<5	4
PH26	Ridge Top	5435210	482555	<5	2.7
PH27	Ridge Top	5435176	482565	<5	2.8
PH28	Ridge Top	5435135	482580	<5	0.5
PH29	Ridge Top	5435100	482596	<5	1.6
PH30	Ridge Top	5435055	482610	<5	3.5
PH31	Ridge Top	5435025	482630	<5	5.6
PH32	Ridge Top	5434980	482635	<5	0.9
PH33	Ridge Top	5434945	482650	<5	5
PH34	Ridge Top	5434905	482660	<5	1.8
PH35	Ridge Top	5434870	482670	<5	5.8
PH36	Ridge Top	5434845	482695	<5	3.4
PH37	Ridge Top	5434805	482700	<5	1.3
PH38	Ridge Top	5434765	482715	<5	2.8
PH39	Ridge Top	5434725	482730	<5	0.9
PH40	Ridge Top	5434685	482745	<5	<0.5
PH41	Ridge Top	5434650	482750	<5	0.8
PH42	Ridge Top	5434610	482765	<1	1
PH43	Ridge Top	5434570	482780	<5	<0.5
PH44	Ridge Top	5434535	482795	<5	0.8
PH45	Ridge Top	5434500	482820	<5	2.7
PH46	Ridge Top	5434470	482845	<5	1.5
PH47	Ridge Top	5434450	482875	<1	<0.5
PH48	Ridge Top	5434430	482920	<1	<0.5
PH49	Ridge Top	5434415	482965	7	2
PH50	Ridge Top	5434395	483000	5	5
PH51	Ridge Top	5434355	483020	<1	5.6
PH52	Ridge Top	5434330	483050	<1	7.4
PH53	Ridge Top	5434295	483070	<1	4.8
PH54	Ridge Top	5434265	483100	<5	<0.5
PH55	Ridge Top	5434235	483125	<5	0.8
PH56	Ridge Top	5434210	483145	<5	2.8
PH57	Ridge Top	5434180	483180	<5	12.1
PH58	Ridge Top	5434150	483205	<5	1.3
PH59	Ridge Top	5434120	483230	<5	<0.5
PH60	Ridge Top	5434090	483255	<1	<0.5
PH61	Ridge Top	5434065	483270	<1	10.8
PH62	Ridge Top	5434040	483290	<1	5.7
PH63	Ridge Top	5433980	483305	<5	1.5
PH64	Ridge Top	5433950	483330	<5	16.3
PH65	Ridge Top	5433910	483350	<5	1.1
PH66	Ridge Top	5433880	483370	<5	2.1
PH67	Ridge Top	5433850	483410	<5	0.7
PH68	Ridge Top	5433835	483450	<5	13
PH69	Ridge Top	5433820	483480	<5	79
PH70	Ridge Top	5433800	483525	<5	4
PH71	Ridge Top	5433790	483565	5	62
PH72	Ridge Top	5433775	483605	<5	3.8
PH73	Ridge Top	5433760	483635	<5	<0.5
PH74	Ridge Top	5433740	483670	<5	2.5
PH75	Ridge Top	5433725	483705	<5	2.5
PH76	Ridge Top	5433710	483740	<5	6.5
PH77	Ridge Top	5433690	483775	<5	3
PH78	Ridge Top	5433670	483815	<5	2
PH79	Ridge Top	5433655	483860	<5	10.7
PH80	Ridge Top	5433640	483895	<5	12.3
PH81	Ridge Top	5433630	483945	<5	17.9
PH82	Ridge Top	5433620	483995	<5	7.1
PH83	Ridge Top	5433610	484040	<5	10.1
PH84	Ridge Top	5433610	484075	<5	7.1
PH85	Ridge Top	5433610	484120	<5	2.7
PH86	Ridge Top	5433605	484155	<5	1.9
PH87	Ridge Top	5433600	484185	<5	17.8
PH88	Ridge Top	5433595	484230	<5	<0.5
PH89	Ridge Top	5433580	484270	<5	<0.5
PH90	Ridge Top	5433530	484310	5	1.4
PH91	Ridge Top	5433570	484340	<1	6.3
PH92	Ridge Top	5433550	484385	<1	9.9
PH93	Ridge Top	5433550	484425	<1	<0.5
PH94	Ridge Top	5433530	484465	<1	7.7
PH95	Ridge Top	5433525	484495	<5	10.6
PH96	Ridge Top	5433510	484535	<5	2.2
PH97	Ridge Top	5433490	484570	<5	2.4
PH98	Ridge Top	5433480	484605	<1	5
PH99	Ridge Top	5433435	484640	<1	5.2
PH100	Ridge Top	5433410	484660	<1	<0.5
PH101	Ridge Top	5433360	484670	<1	<0.5
PH102	Ridge Top	5433345	484715	<5	1.1
PH103	Ridge Top	5433315	484745	<5	2.2
PL1	Ridge Top	5434020	487560	4	7.5
PL2	Ridge Top	5433980	487560	2	1.1
PL3	Ridge Top	5433940	487560	1	1.6
PL4	Ridge Top	5433905	487560	1	19.1
PL5	Ridge Top	5433855	487560	<1	15
PL6	Ridge Top	5433815	487565	3	9.4
PL7	Ridge Top	5433775	487565	3	0.7
PL8	Ridge Top	5433740	487565	<1	<0.5
PL9	Ridge Top	5433705	487565	<1	6.6
PL10	Ridge Top	5433645	487570	1	<0.5
PL11	Ridge Top	5433610	487570	<1	<0.5
PL12	Ridge Top	5433570	487565	1	<0.5
PL13	Ridge Top	5433530	487560	<1	4
PL14	Ridge Top	5433460	487560	<1	2.2
PL15	Ridge Top	5433455	487555	2	4.3
PL16	Ridge Top	5433410	487550	1	7.2
PL17	Ridge Top	5433375	487550	2	20.1
PL18	Ridge Top	5433335	487555	2	12.9
PL19	Ridge Top	5433295	487560	1	8.8
PL20	Ridge Top	5433255	487565	<1	1
PL21	Ridge Top	5433215	487556	1	13.3
PL22	Ridge Top	5433180	487535	<1	17.8
PL23	Ridge Top	5433140	487520	2	<0.5
PL24	Ridge Top	5433105	487505	<1	6.6
PL25	Ridge Top	5433070	487440	<1	<0.5
PL26	Ridge Top	5433030	487470	<1	<0.5
PL27	Ridge Top	5432990	487470	<1	7.7
PL28	Ridge Top	5432955	487475	<1	9.8
PL29	Ridge Top	5432915	487475	<1	9.2
PL30	Ridge Top	5432880	487500	1	10.1
PL31	Ridge Top	5432840	487530	<1	11.9
PL32	Ridge Top	5432800	487560	<1	8.3
PL33	Ridge Top	5432805	487590	<1	6
PL34	Ridge Top	5432775	487615	<1	8.9
PL35	Ridge Top	5432745	487645	<1	7.1
PL36	Ridge Top	5432715	487670	<1	4.4
RR1	Ridge Top	5432680	486040	<5	1.2
RR2	Ridge Top	5432645	486030	<5	1.3
RR3	Ridge Top	5432605	486080	<5	3.6
RR4	Ridge Top	5432570	486070	<5	3.3
RR5	Ridge Top	5432725	486085	<5	3.6
RR6	Ridge Top	5432690	486095	19	1.3
RR7	Ridge Top	5432650	486105	5	0.6
RR8	Ridge Top	5432615	486115	<5	1.2
RR9	Ridge Top	5432580	486125	<5	1.4
RR10	Ridge Top	5432540	486135	<5	5.4
RR11	Ridge Top	5432495	486150	<5	1.3
RR12	Ridge Top	5432460	486160	<5	0.9
RR13	Ridge Top	5432420	486170	<5	3.1
RR14	Ridge Top	5432385	486180	<5	1.4
RR15	Ridge Top	5432350	486190	<5	1.6
RR16	Ridge Top	5432310	486205	<5	1.5
RR17	Ridge Top	5432270	486215	<5	20
RR18	Ridge Top	5432230	486225	<5	18
RR19	Ridge Top	5432195	486235	<5	7.3
RR20	Ridge Top	5432160	486250	<5	6.5
RR21	Ridge Top	5432125	486295	<5	5.2
RR22	Ridge Top	5432085	486335	<5	7.2
RR23	Ridge Top	5432045	486975	<1	9.2
RR24	Ridge Top	5430275	486940	<1	4.8
RR25	Ridge Top	5430905	486925	<1	3.1
RR26	Ridge Top	5430935	486910	<1	12
RR27	Ridge Top	5430385	486895	<1	10
RR28	Ridge Top	5430395	486965	<1	9.5
RR29	Ridge Top	5430430	486945	<1	12.6
RR30	Ridge Top	5430466	485925	<1	4.6
RR31	Ridge Top	5430500	485795	<1	42
RR32	Ridge Top	5430535	485770	<1	10.8
RR33	Ridge Top	5430565	485745	<1	16.9
RR34	Ridge Top	5430590	485725	<1	8.9
RR35	Ridge Top	5430615	486676	<1	12.8
RR36	Ridge Top	5430640	486646	<1	12.6
RR37	Ridge Top	5430666	486620	<1	5.7
RR38	Ridge Top	5430698	486595	<1	4.7
RR39	Ridge Top	5430735	486575	<1	8.4
RR40	Ridge Top	5430760	486565	<1	10.4
RR41	Ridge Top	5430820	486535	<1	17.2
RR42	Ridge Top	5430855	486520	<1	6.7
RR43	Ridge Top	5430900	486570	<1	0.7
RR44	Ridge Top	5430940	485585	<1	15
RR45	Ridge Top	5430985	485560	<1	13
RR46	Ridge Top	5431035	486685	<1	1.4
RR47	Ridge Top	5431075	486670	<1	15.6
RR48	Ridge Top	5431120	486660	<1	4.5
RR51	Ridge Top	5431175	486545	<1	5.6
RR52	Ridge Top	5431235	486515	<1	4
RR53	Ridge Top	5431270	486575	<5	1.4
RR54	Ridge Top	5431290	486535	<5	10.1
RR55	Ridge Top	5431310	486560	<5	5.5
RR56	Ridge Top	5431335	485470	<5	0.5
RR57	Ridge Top	5431360	485435	<5	0.8
RR58	Ridge Top	5431390	485405	<5	1.1
RR59	Ridge Top	5431415	486385	<5	2.1
RR60	Ridge Top	5431445	486360	<5	0.6
RR61	Ridge Top	5431460	486365	<5	2.3
RR62	Ridge Top	5431520	486345	<5	17.9
RR63	Ridge Top	5431570	486340	<5	7.2
RR64	Ridge Top	5431605	486330	<5	13.5
RR65	Ridge Top	5431640	486325	<5	11.1
RR66	Ridge Top	5431665	486320	<5	9.2
RR67	Ridge Top	5431730	486310	<5	<0.5
RR68	Ridge Top	5431765	486310	5	17.5
RR69	Ridge Top	5431795	486300	<5	11.7
RR70	Ridge Top	5431830	486290	<5	19
RR71	Ridge Top	5431840	486600	<1	1
RR72	Ridge Top	5431845	486550	<1	1.8
RR73	Ridge Top	5434220	485485	<5	<0.5
RR74	Ridge Top	5434255	485475	<5	0.8
RR75	Ridge Top	5434290	485465	<5	0.7
RR76	Ridge Top	5434325	485455	<5	1.3
RR77	Ridge Top	5434360	485445	<5	2.8
RR78	Ridge Top	5434395	485435	<5	0.9
RR79	Ridge Top	5434430	485425	<5	1.2
RR80	Ridge Top	5434465	485415	<5	1.6
RR81	Ridge Top	5434500	485405	<5	1.2
RR82	Ridge Top	5434535	485395	<5	1.4
RR83	Ridge Top	5434570	485385	<5	1.1
RR84	Ridge Top	5434605	485375	<5	1.2
RR85	Ridge Top	5434640	485365	<5	1.1
RR86	Ridge Top	5434675	485355	<5	1.2
RR87	Ridge Top	5434710	485345	<5	1.1
RR88	Ridge Top	5434745	485335	<5	1.2
RR89	Ridge Top	5434780	485325	<5	1.1
RR90	Ridge Top	5434815	485315	<5	1.2
RR91	Ridge Top	5434850	485305	<5	1.1
RR92	Ridge Top	5434885	485295	<5	1.2
RR93	Ridge Top	5434920	485285	<5	1.1
RR94	Ridge Top	5434955	485275	<5	1.2
RR95	Ridge Top	5434990	485265	<5	1.1
RR96	Ridge Top	5435025	485255	<5	1.2
RR97	Ridge Top	5435060	485245	<5	1.1
RR98	Ridge Top	5435095	485235	<5	1.2
RR99	Ridge Top	5435130	485225	<5	1.1
RR100	Ridge Top	5435165	485215	<5	1.2
RR101	Ridge Top	5435200	485205	<5	1.1
RR102	Ridge Top	5435235	485195	<5	1.2
RR103	Ridge Top	5435270	485185	<5	1.1
RR104	Ridge Top	5435305	485175	<5	1.2
RR105	Ridge Top	5435340	485165	<5	1.1
RR106	Ridge Top	5435375	485155	<5	1.2
RR107	Ridge Top	5435410	485145	<5	1.1
RR108	Ridge Top	5435445	485135	<5	1.2
RR109	Ridge Top	5435480	485125	<5	1.1
RR110	Ridge Top	5435515	485115	<5	1.2
RR111	Ridge Top	5435550	485105	<5	1.1
RR112	Ridge Top	5435585	485095	<5	1.2
RR113	Ridge Top	5435620	485085	<5	1.1
RR114	Ridge Top	5435655	485075	<5	1.2
RR115	Ridge Top	5435690	485065	<5	1.1
RR116	Ridge Top	5435725	485055	<5	1.2
RR117	Ridge Top	5435760	485045	<5	1.1
RR118	Ridge Top	5435795	485035	<5	1.2
RR119	Ridge Top	5435830	485025	<5	1.1
RR120	Ridge Top	5435865	485015	<5	1.2
RR121	Ridge Top	5435900	485005	<5	1.1
RR122	Ridge Top	5435935	484995	<5	1.2
RR123	Ridge Top	5435970	484985	<5	1.1
RR124	Ridge Top	5436005	484975	<5	1.2
RR125	Ridge Top	5436040	484965	<5	1.1
RR126	Ridge Top	5436075	484955	<5	1.2
RR127	Ridge Top	5436110	484945	<5	1.1
RR128	Ridge Top	5436145	484935	<5	1.2
RR129	Ridge Top	5436180	484925	<5	1.1
RR130	Ridge Top	5436215	484915	<5	1.2
RR131	Ridge Top	5436250	484905	<5	1.1
RR132	Ridge Top	5436285	484895	<5	1.2
RR133	Ridge Top	5436320	484885	<5	1.1
RR134	Ridge Top	5436355	484875	<5	1.2
RR135	Ridge Top	5436390	484865	<5	1.1
RR136	Ridge Top	5436425	484855	<5	1.2
RR137	Ridge Top	5436460	484845	<5	1.1
RR138	Ridge Top	5436495	484835	<5	1.2
RR139	Ridge Top	5436530	484825	<5	1.1
RR140	Ridge Top	5436565	484815	<5	1.2
RR141	Ridge Top	5436600	484805	<5	1.1
RR142	Ridge Top	5436635	484795	<5	1.2
RR143	Ridge Top	5436670	484785	<5	1.1
RR144	Ridge Top	5436705	484775	<5	1.2
RR145	Ridge Top	5436740	484765	<5	1.1
RR146	Ridge Top	5436775	484755	<5	1.2
RR147	Ridge Top	5436810	484745	<5	1.1
RR148	Ridge Top	5436845	484735	<5	1.2
RR149	Ridge Top	5436880	484725	<5	1.1
RR150	Ridge Top	5436915	484715	<5	1.2
RR151	Ridge Top	5436950	484705	<5	1.1
RR152	Ridge Top	5436985	484695	<5	1.2
RR153	Ridge Top	5437020	484685	<5	1.1
RR154	Ridge Top	5437055	484675	<5	1.2
RR155	Ridge Top	5437090	484665	<5	1.1
RR156	Ridge Top	5437125	484655	<5	1.2
RR157	Ridge Top	5437160	484645	<5	1.1
RR158	Ridge Top	5437195	484635	<5	1.2
RR159	Ridge Top	5437230	484625	<5	1.1
RR160	Ridge Top	5437265	484615	<5	1.2
RR161	Ridge Top	5437300	484605	<5	1.1
RR162	Ridge Top	5437335	484595	<5	1.2

TCR: 99-4376

APPENDIX 3

SOIL SAMPLE ASSAY RESULT SHEETS (ANALABS)

608075

ANALABS

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

Our reference : BU015623
Your reference : **114015**
Project code : Salisbury Hill
Date received : 24/12/98
Date reported : 15/01/99

Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Number of pages of results : 5
Number of Samples : 242
First Sample : 213700
Last Sample : 213941

Invoice to:
Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

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

Preliminary Reports :
15/01/99 Report

Results to:

Results to:

Payne fax / 03
Wiss West

Remarks :

Authorised by .....
On behalf of:

Alex Chong
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.

608076

ANALABS

Our reference : BU015623
Your reference : **114015**
Project code : Salisbury Hill
Report date : 15/01/99
Report status : Final
Page : 1 of 5

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	As	Cu	Pb	Zn
213700	<1	--	<1	2	11	9
213701	<1	--	3	4	6	7
213702	13	13	5	4	12	8
213703	<1	--	2	4	16	8
213704	<1	--	1	6	14	9
213705	<1	<1	<1	<2	6	<2
213706	<1	--	<1	3	4	2
213707	<1	--	<1	3	6	5
213708	<1	<1	<1	3	8	4
213709	<1	--	<1	3	4	3
213710	<1	--	<1	3	4	4
213711	<1	--	1	3	9	5
213712	<1	--	2	3	15	4
213713	<1	--	4	4	8	5
213714	<1	--	4	3	6	7
213715	<1	--	<1	3	4	9
213716	8	7	1	3	22	9
213717	8	5	2	4	6	9
213718	2	--	4	3	4	9
213719	12	11	2	6	<3	19
213720	7	4	12	6	<3	18
213721	2	--	<1	4	8	13
213722	<1	--	<1	2	4	6
213723	<1	--	<1	3	<3	<2
213724	<1	--	<1	2	<3	3
213725	<1	--	2	3	<3	14
213726	<1	--	6	3	<3	14
213727	<1	--	5	4	<3	9
213728	<1	--	5	3	<3	6
213729	<1	--	1	3	11	9
213730	<1	--	1	3	15	11
213731	<1	--	<1	2	4	4
213732	<1	<1	7	31	22	23
213733	<1	<1	2	5	10	22
213734	<1	--	6	24	4	23
213735	<1	--	3	4	3	12
213736	<1	--	5	4	7	12
213737	<1	--	8	2	5	3
213738	4	--	11	2	7	12
213739	19	16	54	5	10	71
213740	3	--	8	2	3	12
213741	<1	--	3	3	<3	9
213742	3	--	18	7	26	34
213743	<1	--	5	5	22	26
213744	2	1	12	5	18	14
213745	1	--	11	4	12	11
213746	<1	--	7	4	11	10
213747	3	--	8	3	13	15
213748	17	12	8	4	26	16
213749	2	--	17	5	14	18
Method	F614	F614	H102	A102	A102	A102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	1	2	3	2

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

608077

ANALABS

Our reference : BU015623
Your reference : **114015**
Project code : Salisbury Hill
Report date : 15/01/99
Report status : Final
Page : 2 of 5

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	As	Cu	Pb	Zn
213750	<1	--	5	5	19	12
213751	<1	--	6	4	6	8
213752	<1	--	6	4	13	8
213753	<1	--	4	3	7	3
213754	<1	--	<1	2	4	<2
213755	<1	--	1	2	6	<2
213756	<1	--	2	<2	<3	6
213757	<1	--	3	3	23	15
213758	<1	<1	3	3	17	20
213759	<1	--	2	3	18	12
213760	<1	--	11	4	9	16
213761	<1	--	13	19	19	57
213762	<1	--	<1	3	13	9
213763	<1	--	4	4	12	12
213764	<1	--	10	7	13	21
213765	<1	<1	11	4	18	8
213766	<1	--	11	4	18	8
213767	<1	--	16	4	14	9
213768	<1	--	8	8	8	21
213769	<1	--	9	5	12	13
213770	<1	--	2	3	9	2
213771	<1	--	3	2	10	6
213772	<1	--	19	5	9	16
213773	<1	--	7	4	9	5
213774	<1	--	8	5	12	5
213775	<1	--	23	16	51	17
213776	2	--	4	12	32	18
213777	<1	--	23	6	15	9
213778	<1	--	6	5	9	8
213779	<1	--	4	4	5	5
213780	<1	--	11	5	9	7
213781	<1	--	20	4	23	11
213782	<1	--	6	4	18	7
213783	<1	<1	11	10	31	18
213784	<1	--	2	6	20	11
213785	<1	--	3	4	10	8
213786	4	2	8	19	10	11
213787	<1	--	9	51	11	18
213788	2	2	6	30	9	30
213789	3	2	3	19	31	18
213790	<1	--	<1	7	17	30
213791	<1	--	3	7	28	18
213792	<1	--	11	6	11	19
213793	<1	--	5	7	12	18
213794	<1	<1	3	5	13	18
213795	<1	--	4	5	14	20
213796	<1	--	6	5	11	30
213797	<1	--	6	6	10	21
213798	<1	--	7	4	30	15
213799	<1	--	2	4	9	11
Method	F614	F614	H102	A102	A102	A102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	1	2	3	2

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

608078

ANALABS

Our reference : BU015623
Your reference : **114015**
Project code : Salisbury Hill
Report date : 15/01/99
Report status : Final
Page : 3 of 5

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	As	Cu	Pb	Zn
213800	<1	--	9	12	18	27
213801	<1	<1	8	8	14	18
213802	<1	--	10	22	9	14
213803	<1	--	<1	4	7	2
213804	<1	--	<1	6	14	17
213805	<1	--	10	16	24	25
213806	<1	--	4	11	22	24
213807	<1	--	3	12	19	12
213808	<1	<1	14	28	20	63
213809	<1	--	1	19	12	50
213810	<1	--	4	16	19	17
213811	<1	<1	<1	5	6	3
213812	<1	--	<1	5	4	8
213813	<1	--	1	12	6	20
213814	<1	--	5	11	3	18
213815	<1	--	9	6	9	20
213816	<1	--	9	10	12	24
213817	<1	--	3	5	11	20
213818	<1	--	1	10	13	25
213819	<1	--	14	10	15	32
213820	<1	--	4	7	23	22
213821	<1	--	<1	4	9	19
213822	<1	--	1	5	11	11
213823	<1	--	<1	5	3	4
213824	<1	--	2	4	6	<2
213825	<1	--	1	27	21	126
213826	<1	--	2	40	5	49
213827	<1	--	3	39	10	56
213828	<1	--	<1	23	7	22
213829	<1	--	1	12	4	6
213830	<1	<1	5	8	18	20
213831	<1	--	2	14	16	12
213832	<1	<1	<1	14	14	31
213833	<1	<1	5	12	13	24
213834	<1	--	<1	6	10	23
213835	<1	--	<1	2	11	14
213836	<1	--	11	3	9	43
213837	<1	<1	8	5	15	49
213838	<1	<1	4	13	15	40
213839	<1	--	<1	6	8	23
213840	<1	--	32	31	15	45
213841	<1	--	1	50	19	54
213842	<1	--	<1	36	8	18
213843	<1	--	<1	26	6	13
213844	<1	--	5	18	16	22
213845	<1	--	1	6	9	8
213846	<1	--	1	7	13	12
213847	<1	--	4	6	11	16
213848	<1	--	2	18	11	35
213849	<1	--	2	9	19	19
Method	F614	F614	H102	A102	A102	A102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	1	2	3	2

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

608079

ANALABS

Our reference : BU015623
Your reference : **114015**
Project code : Salisbury Hill
Report date : 15/01/99
Report status : Final
Page : 4 of 5

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	As	Cu	Pb	Zn
213850	<1	--	1	8	14	20
213851	<1	--	<1	23	16	82
213852	<1	--	8	11	13	49
213853	<1	--	5	22	14	84
213854	<1	--	4	18	16	71
213855	<1	--	1	11	13	38
213856	<1	--	1	14	18	31
213857	<1	--	<1	7	4	17
213858	<1	<1	<1	9	9	17
213859	<1	--	2	11	10	16
213860	<1	--	7	9	10	12
213861	<1	--	21	7	9	14
213862	<1	--	1	5	3	6
213863	<1	--	6	7	13	10
213864	<1	--	4	6	10	22
213865	<1	--	4	5	9	22
213866	<1	--	2	28	19	96
213867	<1	--	<1	5	9	16
213868	<1	--	1	6	6	5
213869	<1	<1	4	25	16	41
213870	<1	--	13	23	20	41
213871	<1	<1	4	17	28	47
213872	<1	--	6	13	15	29
213873	<1	--	12	5	21	14
213874	<1	--	9	5	5	12
213875	<1	--	4	6	7	10
213876	<1	--	1	5	8	10
213877	<1	--	1	3	3	7
213878	<1	--	2	4	11	17
213879	<1	--	<1	3	6	13
213880	<1	--	<1	5	11	31
213881	<1	--	11	10	11	60
213882	<1	--	10	16	15	66
213883	<1	<1	21	10	9	49
213884	<1	--	8	16	13	59
213885	<1	<1	1	6	9	44
213886	<1	<1	7	3	4	15
213887	<1	--	4	3	5	8
213888	<1	--	5	5	16	29
213889	<1	--	<1	5	10	16
213890	<1	--	10	7	9	14
213891	<1	--	5	14	10	17
213892	<1	--	7	6	32	12
213893	<1	--	19	5	7	23
213894	<1	--	6	5	4	26
213895	<1	--	2	5	12	32
213896	<1	<1	8	9	17	25
213897	<1	--	2	10	10	27
213898	<1	--	3	3	8	11
213899	<1	--	4	3	9	12
Method	F614	F614	H102	A102	A102	A102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	1	2	3	2

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

608080

A N A L A B S

Our reference : BU015623
Your reference : **114015**
Project code : Salisbury Hill
Report date : 15/01/99
Report status : Final
Page : 5 of 5

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	As	Cu	Pb	Zn
213900	<1	--	2	2	7	14
213901	<1	--	3	2	6	16
213902	<1	--	5	2	11	21
213903	<1	--	6	2	8	24
213904	<1	--	3	3	12	28
213905	<1	--	1	<2	4	5
213906	<1	--	<1	3	9	12
213907	<1	<1	4	2	8	19
213908	<1	<1	4	3	9	22
213909	<1	--	8	4	13	30
213910	<1	--	8	3	9	26
213911	<1	--	6	3	8	42
213912	<1	--	6	4	10	40
213913	<1	--	5	3	8	22
213914	<1	--	3	3	9	27
213915	<1	--	2	3	8	21
213916	<1	--	8	4	7	42
213917	<1	--	8	4	5	35
213918	<1	<1	2	3	6	17
213919	<1	--	5	3	10	20
213920	<1	<1	7	4	13	29
213921	<1	--	2	3	3	14
213922	<1	--	2	3	6	25
213923	<1	--	4	3	18	29
213924	<1	--	6	4	10	28
213925	<1	--	5	3	7	22
213926	<1	--	8	4	4	23
213927	<1	--	2	3	<3	23
213928	<1	--	11	3	6	19
213929	<1	--	<1	3	3	18
213930	<1	--	5	3	7	25
213931	<1	--	5	3	5	20
213932	<1	--	6	3	8	19
213933	<1	<1	2	2	6	12
213934	<1	--	2	3	<3	7
213935	<1	--	7	3	<3	14
213936	<1	<1	3	3	<3	12
213937	<1	--	1	3	3	10
213938	<1	--	3	6	3	17
213939	<1	--	4	4	6	13
213940	<1	--	<1	4	11	8
213941	<1	--	8	4	<3	5
Method	F614	F614	H102	A102	A102	A102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	1	2	3	2

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

608081

A N A L A B S

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

Our reference : BU015679
Your reference : **114018**
Project code : Salisbury Hill
Date received : 11/01/99
Date reported : 29/01/99

Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Number of pages of results : 9
Number of Samples : 445
First Sample : 213942
Last Sample : 214386

Invoice to:
Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Electronic Data Transmission :
Modem Y 29/01/99
Facsimile / /
Disk Report / /

Preliminary Reports :
29/01/99 Report

Results to:

Results to:

Possible white soils

Remarks :

Authorised by .....
On behalf of:

Rob Chapman
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.

608082

ANALABS

Our reference : BU015679
Your reference : **114018**
Project code : Salisbury Hill
Report date : 29/01/99
Report status : Final
Page : 1 of 9

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
213942	<1	--	11	3	16	1
213943	<1	--	24	5	27	1
213944	<1	--	3	<3	13	3
213945	<1	--	3	<3	13	<1
213946	<1	--	12	5	17	3
213947	<1	--	22	28	25	4
213948	<1	--	6	9	33	2
213949	<1	<1	6	17	31	<1
213950	<1	<1	<2	4	4	2
213951	<1	--	27	18	25	9
213952	<1	--	24	14	25	<1
213953	<1	--	17	9	22	<1
213954	<1	--	<2	3	6	<1
213955	<1	--	16	6	21	2
213956	<1	--	16	16	21	<1
213957	<1	--	16	10	20	8
213958	<1	--	<2	<3	11	1
213959	<1	<1	<2	6	6	<1
213960	<1	--	19	9	34	5
213961	<1	--	<2	6	3	<1
213962	<1	--	4	9	19	<1
213963	<1	--	2	<3	13	<1
213964	<1	--	15	14	21	3
213965	<1	--	11	8	13	7
213966	<1	--	18	24	22	7
213967	<1	--	16	13	35	8
213968	<1	--	18	10	26	2
213969	<1	--	5	5	11	2
213970	<1	--	19	15	21	4
213971	<1	--	2	7	14	1
213972	<1	--	8	13	19	2
213973	<1	--	5	8	15	2
213974	<1	--	2	6	9	3
213975	<1	<1	6	10	23	5
213976	<1	--	<2	3	9	3
213977	<1	<1	7	8	32	4
213978	<1	--	28	22	39	4
213979	<1	--	29	17	32	2
213980	<1	--	17	10	29	1
213981	<1	--	10	8	21	4
213982	<1	--	8	9	15	2
213983	<1	--	4	6	9	4
213984	<1	--	11	12	20	4
213985	<1	--	11	9	15	6
213986	<1	--	15	72	15	7
213987	<1	--	15	21	15	6
213988	<1	--	12	19	20	2
213989	<1	--	2	3	5	2
213990	<1	--	9	15	16	9
213991	<1	--	9	19	17	9
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015679
Your reference : **114018**
Project code : Salisbury Hill
Report date : 29/01/99
Report status : Final
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Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
213992	<1	--	6	9	9	6
213993	<1	<1	5	10	11	3
213994	<1	--	4	4	8	5
213995	<1	--	5	6	9	8
213996	<1	--	20	9	24	10
213997	<1	<1	11	10	22	6
213998	<1	--	6	7	8	<1
213999	<1	--	9	<3	10	1
214000	<1	<1	22	17	26	7
214001	<1	--	13	18	18	6
214002	<1	--	3	3	10	1
214003	<1	--	2	<3	10	5
214004	<1	--	3	4	13	4
214005	<1	--	17	7	18	9
214006	<1	--	12	<3	14	10
214007	<1	--	21	14	14	6
214008	<1	--	25	15	16	8
214009	<1	--	24	17	26	1
214010	<1	--	18	8	19	13
214011	<1	--	7	10	12	2
214012	<1	<1	8	15	10	11
214013	<1	--	26	15	15	7
214014	<1	--	10	13	12	4
214015	<1	--	7	14	9	<1
214016	3	--	37	85	28	9
214017	2	2	38	12	20	10
214018	<1	--	7	8	9	1
214019	<1	--	6	6	14	5
214020	<1	--	4	14	12	4
214021	<1	--	6	8	13	6
214022	<1	--	8	19	15	9
214023	<1	--	14	15	15	7
214024	<1	--	12	17	20	5
214025	<1	<1	16	16	14	13
214026	<1	--	11	10	16	5
214027	<1	--	27	14	59	8
214028	<1	--	16	13	32	5
214029	<1	--	11	10	17	2
214030	<1	--	9	<3	18	<1
214031	<1	--	22	14	35	9
214032	<1	--	17	12	18	2
214033	<1	--	30	15	26	5
214034	<1	--	34	37	29	4
214035	<1	--	18	18	21	4
214036	<1	--	27	23	25	8
214037	<1	--	13	10	11	7
214038	<1	--	8	14	27	1
214039	<1	--	24	21	23	1
214040	<1	--	25	16	15	5
214041	<1	<1	32	22	27	2
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015679
Your reference : **114018**
Project code : Salisbury Hill
Report date : 29/01/99
Report status : Final
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Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214042	<1	--	24	12	14	2
214043	<1	--	13	12	11	6
214044	<1	--	21	24	13	5
214045	<1	--	22	22	18	6
214046	4	4	118	14	18	18
214047	<1	--	18	14	19	7
214048	<1	--	14	17	12	3
214049	<1	--	32	19	18	11
214050	<1	--	12	11	14	9
214051	<1	--	25	14	33	8
214052	<1	--	36	18	33	21
214053	<1	--	24	12	30	9
214054	3	4	26	16	17	7
214055	<1	--	48	16	32	4
214056	1	--	56	17	28	17
214057	<1	--	62	14	30	12
214058	<1	--	43	9	15	5
214059	<1	--	36	16	21	4
214060	<1	<1	18	12	13	3
214061	<1	--	16	6	13	7
214062	1	--	3	<3	4	3
214063	<1	--	6	<3	20	13
214064	<1	--	3	3	16	4
214065	<1	--	17	8	49	4
214066	<1	--	8	7	19	6
214067	<1	--	18	16	28	10
214068	<1	--	23	15	50	<1
214069	<1	--	18	9	28	2
214070	<1	--	13	15	21	7
214071	<1	--	12	9	14	3
214072	<1	--	169	23	15	5
214073	<1	--	14	16	9	6
214074	<1	--	5	13	12	2
214075	<1	<1	12	23	17	3
214076	<1	--	22	21	23	9
214077	<1	--	11	18	14	4
214078	<1	--	9	22	12	6
214079	<1	--	10	18	17	4
214080	<1	--	19	11	23	6
214081	<1	--	8	7	13	4
214082	<1	--	11	9	17	10
214083	<1	--	33	14	27	9
214084	<1	--	30	13	19	9
214085	<1	--	22	16	16	9
214086	<1	--	21	19	25	8
214087	<1	--	32	9	21	6
214088	<1	--	64	18	52	6
214089	<1	--	32	28	28	3
214090	<1	--	44	25	49	8
214091	3	--	50	21	27	6
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015679
Your reference : **114018**
Project code : Salisbury Hill
Report date : 29/01/99
Report status : Final
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Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214092	2	--	46	19	28	6
214093	<1	--	14	7	17	2
214094	<1	--	29	11	23	8
214095	<1	--	26	11	18	11
214096	<1	<1	24	8	21	4
214097	<1	--	6	6	32	11
214098	<1	--	4	8	18	6
214099	<1	--	6	12	24	10
214100	<1	<1	19	11	63	11
214101	<1	--	5	4	19	5
214102	<1	--	2	<3	8	3
214103	<1	<1	3	<3	11	2
214104	<1	--	7	7	19	9
214105	<1	--	11	15	29	5
214106	<1	--	5	<3	8	1
214107	<1	--	26	26	30	8
214108	<1	--	16	13	19	4
214109	<1	--	16	11	17	5
214110	<1	--	20	7	21	4
214111	<1	--	16	6	17	11
214112	<1	--	11	5	13	7
214113	<1	--	9	9	13	6
214114	<1	--	5	6	8	3
214115	<1	--	6	<3	12	2
214116	<1	--	7	<3	10	5
214117	<1	--	16	4	17	7
214118	<1	--	15	8	20	6
214119	<1	<1	11	8	17	2
214120	<1	--	10	10	23	2
214121	<1	<1	22	16	42	4
214122	<1	--	16	8	24	8
214123	<1	--	5	4	14	2
214124	<1	--	17	8	17	9
214125	<1	<1	23	13	18	7
214126	<1	--	36	3	20	9
214127	<1	--	32	15	21	11
214128	<1	--	11	9	11	10
214129	<1	--	25	11	19	8
214130	<1	--	14	7	20	2
214131	<1	--	12	8	15	2
214132	<1	--	19	12	20	5
214133	<1	--	19	12	19	3
214134	<1	--	14	8	14	6
214135	<1	--	16	7	17	8
214136	<1	--	33	6	18	4
214137	<1	<1	20	3	19	3
214138	<1	--	17	14	28	4
214139	<1	--	27	23	30	3
214140	<1	--	31	10	25	<1
214141	<1	--	15	10	22	7
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015679
Your reference : 114018
Project code : Salisbury Hill
Report date : 29/01/99
Report status : Final
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Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214142	<1	--	33	8	13	8
214143	<1	--	17	6	15	3
214144	<1	--	9	<3	15	10
214145	<1	--	17	13	14	20
214146	<1	--	12	7	13	7
214147	<1	--	8	11	13	16
214148	<1	--	5	5	10	<1
214149	<1	--	7	3	14	12
214150	<1	<1	17	5	16	7
214151	<1	--	3	<3	11	<1
214152	<1	--	9	3	13	1
214153	<1	--	4	<3	11	1
214154	<1	--	16	10	18	3
214155	<1	--	11	8	16	3
214156	<1	--	8	7	14	4
214157	<1	--	8	9	16	3
214158	<1	--	12	8	19	5
214159	<1	--	13	7	26	10
214160	<1	--	13	8	28	2
214161	<1	<1	9	7	26	3
214162	<1	--	8	<3	15	3
214163	<1	<1	5	6	14	1
214164	<1	--	7	<3	12	3
214165	<1	--	4	<3	4	<1
214166	<1	--	3	3	5	1
214167	<1	--	6	5	18	6
214168	<1	--	20	20	47	12
214169	<1	--	11	9	16	5
214170	<1	--	15	12	18	11
214171	<1	--	8	7	11	4
214172	<1	--	9	4	16	1
214173	<1	--	7	4	11	2
214174	<1	--	12	12	18	2
214175	<1	<1	17	10	20	2
214176	<1	--	31	21	39	5
214177	<1	--	22	15	19	11
214178	<1	--	29	17	30	4
214179	<1	--	27	17	17	13
214180	<1	--	14	8	15	11
214181	<1	<1	3	<3	4	<1
214182	<1	--	6	3	18	4
214183	<1	--	8	14	25	11
214184	<1	--	7	17	20	11
214185	<1	--	5	6	8	9
214186	<1	<1	13	14	13	10
214187	<1	--	55	11	33	13
214188	<1	--	20	11	21	8
214189	<1	--	9	7	14	8
214190	<1	--	12	11	14	6
214191	<1	--	13	8	13	3
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015679
Your reference : **114018**
Project code : Salisbury Hill
Report date : 29/01/99
Report status : Final
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Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214192	<1	--	18	17	20	4
214193	<1	--	19	14	25	7
214194	<1	--	39	12	28	4
214195	<1	--	34	14	34	5
214196	<1	--	45	17	26	8
214197	<1	--	24	12	19	2
214198	<1	--	23	12	19	2
214199	<1	--	13	7	14	4
214200	<1	<1	16	12	19	4
214201	<1	--	9	6	15	5
214202	<1	--	9	4	13	4
214203	<1	--	8	4	12	4
214204	<1	--	20	12	18	3
214205	<1	--	38	17	20	3
214206	<1	--	29	16	18	7
214207	<1	<1	29	5	15	7
214208	<1	--	29	11	15	7
214209	<1	--	36	16	30	12
214210	<1	--	25	23	18	5
214211	<1	--	38	18	29	15
214212	<1	--	28	17	24	3
214213	<1	--	19	10	15	6
214214	<1	--	12	13	16	14
214215	<1	--	20	5	18	6
214216	<1	--	28	10	37	19
214217	<1	--	11	9	19	6
214218	<1	--	32	11	20	6
214219	<1	--	13	6	12	4
214220	<1	--	23	19	27	4
214221	<1	--	48	11	44	4
214222	<1	--	40	12	37	7
214223	<1	<1	27	13	31	5
214224	<1	--	19	15	20	5
214225	<1	<1	40	22	31	5
214226	<1	--	13	4	24	3
214227	<1	--	20	9	109	5
214228	<1	--	23	22	26	1
214229	<1	--	71	28	53	15
214230	<1	--	27	15	23	2
214231	<1	--	25	15	18	4
214232	<1	--	20	14	21	4
214233	<1	--	33	10	85	3
214234	<1	--	18	8	14	6
214235	<1	--	38	13	17	14
214236	<1	--	22	9	15	5
214237	<1	--	19	13	51	4
214238	<1	--	43	6	32	1
214239	<1	--	13	5	10	3
214240	<1	--	20	7	20	3
214241	<1	--	17	6	27	4
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015679
Your reference : 114018
Project code : Salisbury Hill
Report date : 29/01/99
Report status : Final
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Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214242	<1	<1	25	11	22	1
214243	<1	--	18	14	22	1
214244	<1	--	12	18	15	2
214245	<1	--	25	37	32	8
214246	<1	--	21	12	26	1
214247	<1	--	15	11	18	3
214248	<1	<1	17	9	23	5
214249	<1	--	36	46	36	3
214250	<1	<1	45	18	46	3
214251	<1	--	17	12	29	10
214252	<1	--	20	15	23	7
214253	<1	--	30	28	25	5
214254	<1	--	5	6	6	4
214255	<1	--	4	13	7	2
214256	<1	--	3	<3	2	3
214257	<1	--	2	<3	2	3
214258	<1	--	3	<3	4	1
214259	<1	--	9	44	18	16
214260	<1	<1	5	7	6	<1
214261	<1	--	3	6	5	2
214262	<1	--	18	16	35	3
214263	<1	--	42	22	57	11
214264	<1	--	21	10	26	5
214265	<1	--	30	14	28	5
214266	<1	--	28	7	24	11
214267	<1	--	10	10	15	3
214268	<1	--	24	8	25	7
214269	<1	--	13	7	18	2
214270	<1	--	29	11	23	2
214271	<1	--	19	3	20	3
214272	<1	--	19	8	20	7
214273	<1	--	14	11	19	3
214274	<1	--	13	3	18	2
214275	<1	<1	27	5	24	3
214276	<1	--	5	8	7	1
214277	<1	--	2	<3	4	3
214278	<1	--	4	<3	11	3
214279	<1	--	4	3	8	2
214280	<1	--	18	4	19	3
214281	<1	--	22	10	28	4
214282	<1	--	10	10	15	13
214283	<1	<1	12	7	18	6
214284	<1	--	19	16	18	5
214285	<1	--	13	10	15	3
214286	<1	--	12	15	12	6
214287	<1	--	10	17	16	7
214288	<1	--	16	17	23	4
214289	<1	--	15	13	25	9
214290	<1	--	24	15	26	3
214291	<1	--	8	15	13	3
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015679
Your reference : **114018**
Project code : Salisbury Hill
Report date : 29/01/99
Report status : Final
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Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214292	<1	--	7	19	13	1
214293	<1	--	7	17	16	9
214294	<1	--	8	21	29	13
214295	<1	--	20	13	20	6
214296	<1	<1	3	<3	3	<1
214297	<1	--	33	50	39	16
214298	<1	--	21	63	16	18
214299	<1	<1	8	14	15	1
214300	<1	<1	9	16	16	1
214301	<1	--	11	35	17	11
214302	<1	--	7	29	14	4
214303	<1	--	9	25	18	6
214304	<1	--	25	8	27	4
214305	<1	--	21	16	21	3
214306	<1	--	21	11	22	<1
214307	<1	--	14	12	13	<1
214308	<1	<1	4	<3	8	2
214309	<1	--	6	5	10	4
214310	<1	--	12	5	13	2
214311	<1	--	36	16	26	5
214312	<1	--	28	8	20	<1
214313	<1	--	20	20	24	4
214314	<1	--	19	13	20	<1
214315	<1	--	22	8	17	3
214316	<1	--	31	11	16	1
214317	<1	--	10	4	17	2
214318	<1	--	6	4	2	<1
214319	<1	--	15	15	30	2
214320	<1	--	15	6	17	1
214321	<1	--	21	10	21	2
214322	<1	<1	12	13	20	1
214323	<1	--	16	13	20	2
214324	<1	--	5	5	11	2
214325	<1	<1	4	8	4	<1
214326	<1	<1	8	6	14	2
214327	<1	--	5	13	8	1
214328	<1	--	5	17	8	7
214329	<1	--	5	15	10	<1
214330	<1	--	7	18	11	4
214331	<1	<1	11	11	14	3
214332	<1	--	20	35	22	4
214333	<1	--	12	19	22	2
214334	<1	--	10	7	55	7
214335	<1	--	11	17	48	9
214336	<1	--	9	15	33	4
214337	<1	--	7	4	18	4
214338	<1	--	6	15	16	9
214339	<1	--	5	28	17	10
214340	<1	--	4	9	14	3
214341	<1	--	8	18	24	3
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015679
Your reference : **114018**
Project code : Salisbury Hill
Report date : 29/01/99
Report status : Final
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Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214342	<1	--	4	4	10	1
214343	<1	--	5	5	13	1
214344	<1	--	9	9	16	3
214345	<1	--	11	13	32	5
214346	<1	--	10	21	32	6
214347	<1	--	9	32	29	6
214348	<1	--	18	41	48	12
214349	<1	--	7	13	29	6
214350	<1	<1	7	15	26	4
214351	<1	--	18	49	107	30
214352	<1	--	19	74	105	6
214353	<1	<1	60	388	430	25
214354	<1	--	16	54	128	16
214355	<1	--	20	125	250	43
214356	<1	--	26	77	71	20
214357	<1	--	18	42	51	19
214358	<1	--	14	41	30	9
214359	<1	--	28	107	50	18
214360	<1	<1	12	29	29	12
214361	<1	--	5	19	11	3
214362	<1	--	11	48	31	8
214363	<1	--	14	57	49	9
214364	<1	--	27	65	58	14
214365	<1	--	17	64	38	7
214366	<1	--	15	35	34	4
214367	<1	<1	12	20	33	13
214368	<1	--	6	<3	4	1
214369	<1	--	5	<3	4	<1
214370	<1	--	5	3	4	<1
214371	<1	--	5	3	5	1
214372	<1	--	3	<3	4	1
214373	<1	--	4	3	7	<1
214374	<1	--	5	12	13	4
214375	<1	<1	5	8	8	3
214376	<1	--	6	7	15	1
214377	<1	--	34	5	17	6
214378	<1	--	2	<3	3	<1
214379	<1	--	5	4	7	1
214380	<1	--	3	<3	3	1
214381	<1	--	4	<3	2	<1
214382	<1	--	10	11	15	4
214383	<1	--	3	3	6	1
214384	<1	--	3	<3	4	1
214385	<1	<1	4	<3	3	<1
214386	<1	--	4	4	4	<1
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

608091

ANALABS

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

Our reference : BU015742
Your reference : **114151**
Project code : 9908104679
Date received : 25/01/99
Date reported : 11/02/99

Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Number of pages of results : 12
Number of Samples : 576
First Sample : 214387
Last Sample : 214963

Electronic Data Transmission :
Modem Y 11/02/99
Facsimile / /
Disk Report Y / /

Preliminary Reports :
10/02/99 Modem Report
11/02/99 Report

PEAKED HILL SOILS.

Authorised by .....
~~On behalf of:~~

Rob Chapman
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.

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ANALABS

Our reference : BU015742
Your reference : 114151
Project code : 9908104679
Report date : 11/02/99
Report status : Final
Page : 1 of 12

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214387	<1	<1	6	22	18	11
214388	<1	--	11	17	12	7
214389	<1	--	2	<3	3	1
214390	<1	--	4	9	3	2
214391	<1	--	4	14	7	2
214392	<1	--	5	8	5	2
214393	<1	--	4	<3	3	<1
214394	<1	--	3	<3	2	<1
214395	<1	<1	4	7	12	15
214396	<1	--	4	3	2	1
214397	<1	--	5	8	9	9
214398	<1	--	5	<3	5	7
214399	<1	--	2	<3	2	1
214400	<1	<1	3	5	<2	1
214401	<1	--	3	12	<2	17
214402	<1	--	4	8	10	13
214403	<1	--	2	6	6	7
214404	<1	--	3	<3	10	3
214405	<1	--	4	4	27	12
214406	<1	--	4	<3	10	4
214407	<1	--	4	3	12	6
214408	<1	<1	5	<3	10	14
214409	<1	--	3	<3	8	4
214410	<1	--	4	<3	5	3
214411	<1	--	5	6	7	23
214412	<1	--	3	<3	4	6
214413	<1	--	3	<3	2	5
214414	<1	--	3	<3	<2	<1
214415	<1	--	3	<3	5	5
214416	<1	--	2	<3	8	4
214417	<1	--	2	<3	3	2
214418	<1	--	3	<3	2	8
214419	<1	<1	3	<3	5	6
214420	<1	<1	3	<3	5	13
214421	<1	--	2	<3	6	3
214422	<1	--	4	<3	4	2
214423	<1	--	2	<3	4	2
214424	<1	--	3	<3	4	6
214425	<1	--	3	9	9	4
214426	<1	--	4	<3	4	4
214427	<1	--	4	6	7	9
214428	<1	--	11	9	10	11
214429	<1	--	3	15	5	5
214430	<1	--	2	11	5	6
214431	<1	--	2	8	5	7
214432	<1	--	6	15	7	8
214433	<1	--	2	<3	<2	<1
214434	<1	--	3	3	2	1
214435	<1	--	4	<3	6	7
214436	<1	--	3	<3	4	5
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015742
Your reference : **114151**
Project code : 9908104679
Report date : 11/02/99
Report status : Final
Page : 2 of 12

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214437	<1	--	3	<3	3	7
214438	<1	<1	7	6	5	11
214439	<1	--	3	14	4	18
214440	<1	--	3	13	6	8
214441	<1	--	3	5	5	12
214442	<1	--	3	<3	6	6
214443	<1	<1	2	<3	5	4
214444	<1	--	3	<3	3	<1
214445	<1	<1	3	<3	7	3
214446	<1	<1	4	<3	7	1
214447	<1	--	2	<3	5	2
214448	<1	--	2	<3	5	<1
214449	<1	--	3	<3	20	10
214450	<1	--	2	<3	4	2
214451	<1	--	2	<3	6	6
214452	<1	--	<2	<3	8	5
214453	<1	--	2	<3	5	1
214454	<1	--	4	<3	7	1
214455	<1	--	<2	<3	13	<1
214456	<1	--	2	<3	9	1
214457	<1	--	2	<3	9	4
214458	<1	--	2	<3	6	1
214459	<1	<1	2	6	6	5
214460	<1	--	3	11	11	<1
214461	<1	--	2	<3	3	3
214462	<1	--	3	<3	3	4
214463	<1	--	2	3	4	3
214464	<1	--	3	4	13	13
214465	<1	--	2	<3	4	<1
214466	<1	--	3	<3	10	<1
214467	<1	--	<2	<3	7	<1
214468	<1	--	4	19	14	3
214469	<1	--	2	<3	4	3
214470	<1	<1	2	8	4	4
214471	<1	--	2	3	7	2
214472	<1	<1	3	4	10	4
214473	<1	--	2	9	8	3
214474	<1	--	2	3	10	2
214475	<1	--	2	8	15	4
214476	<1	--	4	9	14	11
214477	<1	--	2	<3	2	<1
214478	<1	--	2	3	7	<1
214479	<1	--	2	9	12	3
214480	<1	--	3	<3	7	2
214481	<1	--	3	<3	5	3
214482	<1	--	3	11	10	7
214483	<1	--	2	8	7	3
214484	<1	--	3	5	8	2
214485	<1	--	2	6	4	4
214486	<1	--	7	60	10	6
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015742
Your reference : 114151
Project code : 9908104679
Report date : 11/02/99
Report status : Final
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Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214487	<1	--	2	<3	3	1
214488	<1	<1	3	8	7	6
214489	<1	--	2	10	5	1
214490	<1	--	3	11	5	7
214491	<1	--	2	<3	8	2
214492	<1	--	3	5	20	6
214493	<1	--	2	3	8	2
214494	<1	--	4	<3	4	3
214495	<1	<1	5	27	5	11
214496	<1	--	4	28	8	18
214497	<1	--	2	4	2	1
214498	<1	--	3	4	2	2
214499	<1	--	2	<3	2	1
214500	<1	--	3	<3	6	5
214501	<1	--	4	<3	11	5
214502	<1	--	3	<3	7	2
214503	<1	--	2	<3	3	<1
214504	<1	--	3	<3	2	3
214505	<1	--	2	3	6	1
214506	<1	--	3	<3	5	<1
214507	<1	--	3	<3	6	2
214508	<1	--	3	5	12	11
214509	<1	<1	2	3	2	<1
214510	<1	--	2	<3	3	1
214511	<1	--	2	<3	5	1
214512	<1	--	2	<3	6	5
214513	<1	--	2	<3	<2	<1
214514	<1	--	2	<3	<2	<1
214515	<1	--	2	<3	8	<1
214516	<1	--	2	<3	4	2
214517	<1	--	2	<3	<2	<1
214518	<1	--	<2	<3	3	<1
214519	<1	--	3	<3	8	5
214520	<1	<1	3	4	3	<1
214521	<1	--	3	6	2	<1
214522	<1	--	2	4	7	<1
214523	<1	--	3	7	10	6
214524	<1	--	<2	<3	2	<1
214525	<1	<1	2	5	3	<1
214526	<1	--	3	5	2	<1
214527	<1	--	2	<3	<2	<1
214528	<1	--	3	9	13	<1
214529	<1	--	2	6	5	<1
214530	<1	--	3	12	11	<1
214531	<1	--	2	4	4	3
214532	<1	<1	3	14	12	2
214533	<1	--	2	16	10	5
214534	<1	--	2	6	18	2
214535	<1	--	4	<3	15	2
214536	<1	--	3	<3	8	2
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015742
Your reference : 114151
Project code : 9908104679
Report date : 11/02/99
Report status : Final
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Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214537	<1	--	2	<3	5	4
214538	<1	--	2	<3	2	5
214539	<1	--	4	<3	<2	<1
214540	<1	--	2	<3	<2	<1
214541	<1	--	6	<3	7	12
214542	<1	--	3	6	4	3
214543	<1	<1	4	15	4	2
214544	<1	--	4	7	4	5
214545	<1	--	3	<3	<2	<1
214546	<1	--	3	3	<2	1
214547	<1	--	4	11	4	10
214548	<1	--	4	5	5	8
214549	<1	<1	3	10	5	<1
214550	<1	--	2	7	<2	<1
214551	<1	--	3	7	2	5
214552	<1	<1	3	8	<2	2
214553	<1	--	3	5	<2	4
214554	<1	--	4	6	2	8
214555	<1	--	4	6	3	5
214556	<1	<1	9	19	6	11
214557	<1	--	5	<3	4	<1
214558	<1	--	4	<3	<2	2
214559	<1	--	4	3	10	9
214560	<1	--	5	<3	2	<1
214561	<1	--	4	<3	5	<1
214562	<1	--	4	5	14	2
214563	<1	<1	3	<3	4	<1
214564	<1	--	4	<3	3	2
214565	<1	--	13	6	22	12
214566	<1	--	3	3	6	1
214567	<1	--	3	<3	6	1
214568	<1	--	3	<3	8	5
214569	<1	--	3	6	8	5
214570	<1	<1	4	3	15	18
214571	<1	--	4	8	12	15
214572	<1	--	4	4	12	12
214573	<1	--	4	<3	8	4
214574	<1	--	2	<3	6	<1
214575	<1	<1	4	20	15	15
214576	<1	--	3	3	2	1
214577	<1	--	3	<3	7	<1
214578	<1	--	4	<3	12	<1
214579	<1	--	3	6	8	<1
214580	<1	--	3	9	15	1
214581	<1	--	3	14	6	4
214582	<1	--	3	7	9	4
214583	<1	--	3	<3	5	1
214584	<1	--	2	4	4	1
214585	<1	--	2	<3	2	<1
214586	<1	--	2	9	4	<1
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015742
Your reference : 114151
Project code : 9908104679
Report date : 11/02/99
Report status : Final
Page : 5 of 12

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214587	<1	--	<2	<3	2	1
214588	<1	--	2	6	6	<1
214589	<1	--	<2	<3	5	<1
214590	<1	--	3	<3	2	2
214591	<1	--	3	<3	3	<1
214592	<1	<1	3	4	8	5
214593	<1	--	3	<3	3	1
214594	<1	--	3	<3	2	<1
214595	<1	<1	3	<3	4	4
214596	<1	--	5	<3	2	1
214597	<1	<1	4	<3	3	<1
214598	<1	--	4	<3	5	2
214599	<1	<1	6	17	10	11
214600	<1	--	5	3	3	<1
214601	<1	--	3	<3	2	<1
214602	<1	--	5	3	<2	<1
214603	<1	--	5	<3	2	<1
214604	<1	--	<2	6	2	<1
214605	<1	--	2	<3	<2	<1
214606	<1	--	6	11	5	<1
214607	<1	--	16	17	7	5
214608	<1	--	<2	7	4	1
214609	<1	--	3	4	7	5
214610	<1	--	2	<3	3	1
214611	<1	--	2	<3	7	22
214612	<1	--	2	<3	6	9
214613	<1	--	2	<3	2	2
214614	<1	<1	2	<3	4	<1
214615	<1	--	4	<3	2	<1
214616	<1	--	3	3	7	19
214617	<1	--	2	<3	2	3
214618	<1	--	5	<3	2	<1
214619	<1	--	2	5	2	18
214620	<1	<1	2	<3	2	<1
214621	<1	--	3	<3	<2	3
214622	<1	<1	2	<3	<2	<1
214623	<1	--	3	<3	2	<1
214624	<1	--	2	3	6	11
214625	<1	--	2	<3	4	3
214627	<1	--	3	<3	3	3
214628	<1	--	3	3	2	1
214629	<1	--	8	<3	4	4
214630	<1	--	4	<3	2	1
214631	<1	--	<2	3	3	5
214632	<1	--	3	6	9	6
214633	<1	--	3	<3	8	12
214634	<1	--	3	<3	3	2
214635	<1	<1	3	29	10	27
214636	<1	--	4	25	8	8
214637	<1	--	3	8	<2	<1
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

608097

ANALABS

Our reference : BU015742
Your reference : 114151
Project code : 9908104679
Report date : 11/02/99
Report status : Final
Page : 6 of 12

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214638	<1	--	2	6	<2	1
214639	<1	--	2	56	9	25
214640	<1	<1	3	28	5	8
214641	<1	--	3	38	7	9
214642	<1	--	2	3	<2	<1
214643	<1	--	2	9	5	1
214644	<1	--	2	<3	2	1
214645	<1	--	6	6	9	10
214646	<1	<1	<2	4	4	2
214647	<1	--	3	16	5	10
214648	<1	--	3	12	6	5
214649	<1	--	<2	3	<2	<1
214650	<1	<1	2	9	<2	2
214651	<1	--	2	<3	<2	<1
214652	<1	--	<2	10	<2	1
214653	<1	--	2	13	<2	4
214654	<1	--	2	6	<2	3
214655	<1	--	3	10	<2	8
214656	<1	--	<2	6	<2	<1
214657	<1	--	2	8	<2	<1
214658	<1	--	2	3	<2	1
214659	<1	<1	4	<3	<2	<1
214660	<1	--	3	12	<2	4
214661	<1	--	2	8	<2	<1
214662	<1	--	3	9	<2	1
214663	<1	--	4	8	<2	4
214664	<1	--	5	18	5	30
214665	<1	<1	4	8	2	<1
214666	<1	--	5	5	7	<1
214667	<1	--	3	16	4	10
214668	<1	--	2	9	<2	1
214669	<1	--	3	4	<2	1
214670	<1	--	<2	6	<2	<1
214671	<1	<1	2	<3	<2	1
214672	<1	--	4	4	<2	4
214673	<1	--	<2	<3	<2	1
214674	<1	--	2	9	<2	2
214675	<1	--	6	22	6	11
214676	<1	--	3	9	3	11
214677	<1	--	3	13	3	3
214678	<1	--	2	6	2	3
214679	<1	--	<2	3	2	5
214680	<1	<1	3	19	<2	8
214681	<1	--	2	4	2	<1
214682	<1	--	2	19	<2	1
214683	<1	--	3	4	<2	5
214684	<1	--	2	11	4	7
214685	<1	--	<2	3	<2	2
214686	<1	--	2	4	<2	3
214687	<1	--	3	3	<2	<1
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

608098

A N A L A B S

Our reference : BU015742
Your reference : 114151
Project code : 9908104679
Report date : 11/02/99
Report status : Final
Page : 7 of 12

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214688	<1	--	2	5	<2	3
214689	<1	--	3	<3	<2	<1
214690	<1	--	3	<3	2	6
214691	<1	--	3	<3	3	<1
214692	<1	--	4	3	4	<1
214693	<1	--	4	<3	3	<1
214694	<1	<1	2	8	4	1
214695	<1	--	3	<3	3	3
214696	<1	<1	4	<3	2	<1
214697	<1	--	2	<3	2	3
214698	<1	--	5	5	<2	1
214699	<1	--	4	4	3	1
214700	<1	--	3	11	3	10
214701	<1	--	3	3	3	3
214702	<1	--	3	37	8	20
214703	<1	--	3	132	9	23
214704	<1	<1	3	193	7	13
214705	<1	--	3	68	8	11
214706	<1	--	4	13	5	8
214707	<1	--	2	3	2	1
214708	<1	<1	2	15	6	7
214709	<1	--	2	3	5	2
214710	<1	--	2	7	3	2
214711	<1	--	4	16	8	6
214712	<1	--	3	3	2	1
214713	<1	--	2	<3	<2	<1
214714	<1	--	2	5	6	2
214715	<1	--	2	<3	2	1
214716	<1	--	2	3	2	1
214717	<1	--	2	<3	2	1
214718	<1	--	2	<3	<2	<1
214719	<1	--	2	<3	<2	1
214720	<1	--	6	5	5	4
214721	<1	<1	3	3	<2	2
214722	<1	--	2	6	2	<1
214723	<1	--	2	3	3	4
214724	<1	<1	3	<3	3	2
214725	<1	--	3	<3	2	4
214726	<1	--	3	10	<2	13
214727	<1	--	2	<3	<2	3
214728	<1	<1	2	10	<2	3
214729	<1	--	2	<3	<2	<1
214730	<1	--	3	<3	<2	3
214731	<1	--	2	<3	<2	2
214732	<1	--	2	4	2	5
214733	<1	--	2	4	<2	2
214734	<1	--	2	<3	2	3
214735	<1	--	2	4	6	6
214736	<1	--	2	<3	<2	<1
214737	<1	--	2	<3	<2	1
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

608099

ANALABS

Our reference : BU015742
Your reference : 114151
Project code : 9908104679
Report date : 11/02/99
Report status : Final
Page : 8 of 12

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214738	<1	<1	2	19	<2	2
214739	<1	--	2	<3	<2	2
214740	<1	--	2	6	<2	<1
214741	<1	<1	<2	15	5	3
214742	<1	--	<2	6	2	<1
214743	<1	--	<2	11	5	17
214744	<1	--	<2	3	<2	<1
214745	<1	--	<2	5	<2	<1
214746	<1	<1	<2	<3	2	1
214747	<1	--	2	7	<2	<1
214748	<1	--	<2	<3	<2	<1
214749	<1	--	<2	<3	<2	<1
214750	<1	--	2	<3	<2	<1
214751	<1	--	2	<3	9	2
214752	<1	--	2	<3	7	<1
214753	<1	--	2	<3	3	<1
214754	<1	--	<2	<3	5	<1
214755	<1	--	<2	<3	3	5
214756	<1	--	2	<3	2	<1
214757	<1	--	2	<3	2	2
214758	<1	--	<2	3	2	5
214759	<1	<1	<2	<3	2	4
214760	<1	--	2	<3	<2	<1
214761	<1	--	2	<3	2	<1
214762	<1	--	2	3	2	<1
214763	<1	<1	2	<3	<2	2
214764	<1	--	<2	<3	<2	2
214765	<1	--	6	<3	3	1
214766	<1	--	<2	5	<2	1
214767	<1	--	<2	4	<2	<1
214768	<1	--	<2	6	2	1
214769	<1	--	<2	9	2	<1
214770	<1	--	3	6	2	4
214771	<1	<1	<2	4	2	<1
214772	<1	--	2	<3	2	<1
214773	<1	--	<2	<3	2	<1
214774	<1	--	<2	<3	2	2
214775	<1	--	<2	<3	3	<1
214776	<1	--	2	<3	2	<1
214777	<1	--	3	17	10	1
214778	<1	--	23	9	15	12
214779	<1	--	14	<3	9	5
214780	<1	<1	5	13	3	3
214781	<1	--	<2	3	9	2
214782	<1	<1	2	<3	6	1
214783	<1	--	2	<3	12	3
214784	<1	--	3	5	14	2
214785	<1	--	2	4	4	2
214786	<1	--	2	<3	11	5
214787	<1	--	<2	3	9	<1
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

608100

ANALABS

Our reference : BU015742
Your reference : **114151**
Project code : 9908104679
Report date : 11/02/99
Report status : Final
Page : 9 of 12

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214788	<1	--	2	<3	4	<1
214789	<1	--	2	<3	6	1
214790	<1	--	2	<3	7	<1
214791	<1	--	<2	<3	6	<1
214792	<1	--	4	<3	20	11
214793	<1	--	2	<3	8	1
214794	<1	--	2	3	9	2
214795	<1	--	<2	5	6	4
214796	<1	<1	2	<3	6	<1
214797	<1	--	4	<3	12	3
214798	<1	<1	2	<3	3	3
214799	<1	<1	5	<3	21	5
214800	<1	--	2	<3	8	<1
214801	<1	--	<2	5	10	<1
214802	<1	--	<2	5	40	<1
214803	<1	--	2	4	23	5
214804	<1	--	3	9	19	<1
214805	<1	--	<2	<3	<2	<1
214806	<1	--	<2	3	4	<1
214807	<1	--	3	<3	2	<1
214808	<1	--	<2	<3	<2	<1
214809	<1	--	<2	<3	<2	<1
214810	<1	--	<2	3	<2	<1
214811	<1	--	2	11	3	<1
214812	<1	--	2	33	2	<1
214813	<1	--	2	6	6	<1
214814	<1	--	2	14	5	<1
214815	<1	<1	<2	<3	3	<1
214816	<1	--	2	7	6	4
214817	<1	--	2	3	2	5
214818	<1	--	2	<3	<2	<1
214819	<1	--	<2	<3	<2	<1
214820	<1	--	2	6	<2	15
214821	<1	<1	2	<3	4	<1
214822	<1	--	6	6	9	2
214823	<1	--	5	6	8	4
214824	<1	<1	6	7	7	<1
214825	<1	--	6	8	6	2
214826	<1	--	2	<3	<2	<1
214827	<1	--	<2	<3	<2	<1
214828	<1	--	<2	<3	<2	2
214829	<1	--	2	<3	4	<1
214830	<1	--	<2	<3	4	4
214831	<1	--	<2	<3	4	2
214832	<1	--	3	<3	5	1
214833	<1	--	2	<3	9	<1
214834	<1	--	2	7	6	<1
214835	<1	--	<2	8	8	2
214836	<1	--	2	6	11	3
214837	<1	--	<2	<3	<2	<1
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

608101

ANALABS

Our reference : BU015742
Your reference : 114151
Project code : 9908104679
Report date : 11/02/99
Report status : Final
Page : 10 of 12

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214838	<1	--	2	3	14	<1
214839	<1	--	<2	3	10	4
214840	<1	--	2	<3	9	2
214841	<1	<1	2	4	8	<1
214842	<1	--	2	5	13	1
214843	<1	<1	3	<3	15	7
214844	<1	--	<2	5	11	2
214845	<1	--	2	<3	9	4
214846	<1	<1	3	<3	15	<1
214847	<1	--	<2	3	7	<1
214848	<1	--	3	5	15	3
214849	<1	--	9	<3	8	1
214850	<1	<1	4	6	19	9
214851	<1	--	2	<3	14	2
214852	<1	--	2	<3	9	<1
214853	<1	--	2	<3	11	<1
214854	<1	<1	<2	<3	9	<1
214855	<1	--	<2	<3	6	1
214856	<1	--	<2	4	3	2
214857	<1	--	<2	<3	<2	<1
214858	<1	--	2	14	7	3
214859	<1	--	<2	<3	<2	<1
214860	<1	--	<2	4	<2	<1
214861	<1	--	<2	3	3	<1
214862	<1	--	<2	<3	<2	<1
214863	<1	--	<2	<3	2	3
214864	<1	--	3	13	14	2
214865	<1	--	2	9	9	1
214866	<1	--	3	22	9	2
214867	<1	--	2	12	11	8
214868	<1	--	3	20	6	4
214869	<1	--	7	12	10	4
214870	<1	--	6	7	7	3
214871	<1	<1	26	5	26	6
214872	<1	--	9	5	9	<1
214873	<1	--	4	<3	7	2
214874	<1	--	2	<3	4	<1
214875	<1	--	<2	<3	3	<1
214876	<1	--	2	<3	3	<1
214877	<1	--	<2	<3	3	<1
214878	<1	--	2	<3	4	3
214879	<1	--	<2	<3	3	2
214880	<1	--	3	<3	6	1
214881	<1	<1	<2	<3	7	4
214882	<1	--	2	7	17	2
214883	<1	<1	2	<3	7	<1
214884	<1	--	2	4	8	<1
214885	<1	--	2	4	9	6
214886	<1	--	<2	<3	<2	2
214887	<1	--	2	5	13	11
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015742
Your reference : **114151**
Project code : 9908104679
Report date : 11/02/99
Report status : Final
Page : 11 of 12

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214888	<1	--	2	<3	6	4
214889	<1	--	4	5	13	5
214890	<1	--	3	4	10	12
214891	<1	--	3	7	8	11
214892	<1	--	2	9	11	5
214893	<1	--	3	3	2	<1
214894	<1	--	2	5	5	1
214895	<1	<1	2	3	<2	4
214896	<1	<1	2	4	<2	3
214897	<1	<1	<2	<3	2	<1
214898	<1	--	2	4	<2	2
214899	<1	--	2	7	4	3
214900	<1	--	2	6	8	1
214901	<1	--	2	5	2	2
214902	<1	--	4	25	10	16
214903	<1	--	2	11	4	2
214904	<1	--	2	<3	<2	<1
214905	<1	--	5	10	10	2
214906	<1	--	3	5	6	5
214907	<1	--	2	<3	4	<1
214908	<1	--	3	<3	3	1
214909	<1	--	<2	<3	2	2
214910	<1	--	2	<3	9	5
214911	<1	--	3	<3	9	17
214912	<1	--	3	<3	15	9
214913	<1	--	3	<3	15	3
214914	<1	--	3	6	12	6
214915	<1	<1	6	7	16	3
214916	<1	--	3	3	8	5
214917	<1	--	2	6	9	8
214918	<1	--	5	6	18	21
214919	<1	--	5	9	18	25
214920	<1	--	2	4	5	5
214921	<1	<1	2	7	4	4
214922	<1	<1	3	<3	7	17
214923	<1	--	<2	<3	4	1
214924	<1	--	4	4	6	<1
214925	<1	--	2	<3	3	<1
214926	<1	--	3	5	4	2
214927	<1	--	3	<3	7	3
214928	<1	--	5	5	18	16
214929	<1	--	3	<3	8	2
214930	<1	--	3	<3	8	5
214931	<1	--	<2	<3	4	2
214932	<1	--	2	<3	7	4
214933	<1	--	4	6	12	3
214934	<1	--	3	<3	6	<1
214935	<1	<1	2	6	5	4
214936	<1	--	2	6	7	3
214937	<1	--	3	25	8	2
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

608103

ANALABS

Our reference : BU015742
Your reference : 114151
Project code : 9908104679
Report date : 11/02/99
Report status : Final
Page : 12 of 12

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214938	<1	--	3	<3	3	<1
214939	<1	--	2	<3	3	4
214940	<1	--	2	<3	3	<1
214941	<1	--	2	<3	3	5
214942	<1	<1	5	<3	4	1
214943	<1	--	3	5	11	3
214944	<1	--	6	6	10	<1
214945	<1	--	3	<3	4	<1
214946	<1	<1	3	<3	3	<1
214947	<1	--	4	<3	4	<1
214948	<1	--	4	<3	15	6
214949	<1	--	2	<3	7	<1
214950	<1	--	<2	3	5	<1
214951	<1	--	2	<3	4	<1
214952	<1	--	2	<3	2	<1
214953	<1	<1	2	<3	<2	<1
214954	<1	<1	2	<3	2	<1
214955	<1	--	3	<3	<2	<1
214956	<1	--	3	<3	3	<1
214957	<1	--	3	<3	7	<1
214958	<1	--	4	<3	17	<1
214959	<1	--	5	4	22	18
214960	<1	--	4	7	15	<1
214961	<1	<1	5	<3	12	3
214962	<1	--	<2	<3	3	1
214963	<1	--	2	<3	8	8
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

608104

ANALABS

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

Our reference : BU015817
Your reference : 114029
Project code : 9908104946
Date received : 09/02/99
Date reported : 04/03/99

Peter Hills

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Number of pages of results : 8
Number of Samples : 380
First Sample : 214964
Last Sample : 215343

Invoice to:
Peter Hills

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Electronic Data Transmission :

Modem		Y 04/03/99
Facsimile		/ /
Disk Report	Y	/ /

Results to:

Results to:

Remarks :

Authorised by ...
On ~~behalf of~~:

Rob Chapman
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.

608105

A N A L A B S

Our reference : BU015817
Your reference : 114029
Project code : 9908104946
Report date : 04/03/99
Report status : Final
Page : 1 of 8

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
214964	<1	--	14	21	20	11
214965	<1	--	13	13	20	8
214966	<1	--	8	9	16	4
214967	<1	--	6	10	10	7
214968	<1	--	5	9	8	4
214969	<1	--	4	10	10	9
214970	<1	--	5	14	14	4
214971	<1	<1	3	<3	<2	3
214972	<1	<1	5	19	20	15
214973	<1	--	7	12	13	13
214974	<1	--	18	26	28	2
214975	<1	--	15	26	37	10
214976	<1	--	10	22	50	8
214977	<1	--	9	19	37	7
214978	<1	--	9	23	29	6
214979	<1	<1	11	18	37	9
214980	<1	--	9	15	34	2
214981	<1	--	9	16	26	7
214982	<1	--	15	30	72	9
214983	<1	--	8	21	37	7
214984	<1	<1	11	17	30	14
214985	<1	--	7	12	32	6
214986	<1	--	12	21	32	8
214987	<1	--	10	19	30	22
214988	<1	--	9	21	35	7
214989	<1	--	10	21	42	9
214990	<1	--	9	22	48	7
214991	<1	--	6	17	22	4
214992	<1	--	4	16	19	6
214993	<1	--	3	12	2	2
214994	<1	--	11	16	27	7
214995	<1	--	5	8	4	4
214996	3	4	17	24	24	14
214997	<1	<1	10	14	13	5
214998	<1	<1	15	28	23	8
214999	<1	--	21	35	15	6
215000	<1	--	12	25	19	9
215001	<1	--	13	35	21	6
215002	<1	--	10	27	15	4
215003	<1	--	9	24	17	6
215004	<1	--	10	33	39	11
215005	<1	--	14	23	16	7
215006	<1	--	10	44	30	13
215007	<1	--	11	17	28	10
215008	<1	--	13	18	38	2
215009	<1	<1	9	13	15	<1
215010	<1	--	19	13	24	7
215011	<1	--	12	12	21	8
215012	<1	--	12	10	27	4
215013	<1	<1	11	16	60	9
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015817
Your reference : 114029
Project code : 9908104946
Report date : 04/03/99
Report status : Final
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Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
215014	<1	--	10	12	15	9
215015	<1	--	5	<3	5	5
215016	<1	--	9	9	12	11
215017	<1	--	11	10	21	5
215018	<1	--	6	<3	2	1
215019	<1	--	7	15	21	13
215020	<1	--	11	9	15	12
215021	<1	--	10	15	32	14
215022	<1	<1	10	17	31	9
215023	<1	--	9	15	25	10
215024	<1	<1	11	16	60	4
215025	<1	--	12	10	60	15
215026	9	11	20	11	47	7
215027	<1	--	18	8	29	40
215028	<1	--	11	9	19	22
215029	<1	--	15	7	17	<1
215030	<1	--	14	7	15	6
215031	<1	--	12	17	17	<1
215032	<1	--	22	18	20	4
215033	<1	<1	12	10	16	<1
215034	<1	--	14	13	20	5
215035	<1	--	17	26	21	9
215036	<1	--	13	16	19	8
215037	<1	--	16	27	28	1
215038	<1	--	12	17	16	3
215039	<1	--	16	24	20	4
215040	<1	--	13	22	18	1
215041	<1	--	10	18	15	<1
215042	<1	--	11	23	16	1
215043	<1	--	12	22	19	2
215044	<1	--	14	18	20	4
215045	<1	--	22	20	24	1
215046	<1	--	9	17	14	3
215047	<1	<1	16	21	23	<1
215048	<1	--	19	25	26	3
215049	<1	--	13	20	28	4
215050	<1	--	11	11	15	<1
215051	<1	--	8	16	20	<1
215052	<1	--	11	14	20	1
215053	<1	--	12	20	28	<1
215054	<1	--	10	21	17	<1
215055	<1	--	16	21	20	<1
215056	<1	<1	3	12	8	<1
215057	<1	--	4	17	7	2
215058	<1	<1	10	16	12	<1
215059	<1	--	23	15	17	3
215060	<1	--	12	19	13	3
215061	<1	--	19	18	24	7
215062	<1	--	13	99	17	<1
215063	<1	--	20	16	32	2
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015817
Your reference : 114029
Project code : 9908104946
Report date : 04/03/99
Report status : Final
Page : 3 of 8

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
215064	<1	<1	17	22	19	<1
215065	<1	--	19	11	20	3
215066	<1	--	15	16	19	3
215067	<1	<1	19	22	34	<1
215068	<1	--	54	34	144	6
215069	<1	--	47	29	165	16
215070	<1	--	13	24	9	7
215071	<1	--	17	18	19	63
215072	<1	<1	13	17	21	15
215073	<1	--	16	19	24	6
215074	<1	--	21	20	19	1
215075	<1	--	20	19	25	4
215076	<1	--	13	20	18	5
215077	<1	--	26	26	26	1
215078	<1	--	18	28	18	3
215079	<1	--	31	35	40	1
215080	<1	--	24	25	27	<1
215081	<1	--	25	23	24	<1
215082	<1	--	15	18	24	1
215083	<1	--	18	24	30	<1
215084	<1	--	20	27	26	3
215085	<1	--	17	28	22	31
215086	<1	--	21	36	29	8
215087	<1	--	16	31	18	<1
215088	<1	--	14	31	21	1
215089	<1	--	25	35	22	1
215090	<1	--	13	25	16	<1
215091	<1	--	15	26	21	2
215092	<1	--	12	20	26	<1
215093	<1	--	5	9	12	<1
215094	<1	<1	7	13	19	9
215095	<1	--	4	8	4	3
215096	<1	<1	4	14	11	10
215097	<1	<1	3	15	12	6
215098	<1	--	6	15	11	8
215099	<1	--	14	16	19	3
215100	<1	--	15	20	25	<1
215101	<1	--	28	24	33	2
215102	<1	--	16	17	20	3
215103	<1	--	16	21	35	20
215104	<1	--	14	15	22	4
215105	<1	--	16	15	18	<1
215106	<1	--	40	30	59	3
215107	<1	--	19	12	23	1
215108	<1	--	23	16	25	4
215109	<1	<1	12	21	25	<1
215110	<1	--	26	18	30	2
215111	<1	<1	22	19	23	<1
215112	<1	--	22	36	32	<1
215113	<1	--	17	18	23	<1
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015817
Your reference : 114029
Project code : 9908104946
Report date : 04/03/99
Report status : Final
Page : 4 of 8

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
215114	<1	--	15	14	24	<1
215115	<1	--	22	17	33	2
215116	<1	--	21	18	29	<1
215117	<1	--	16	13	24	<1
215118	<1	--	16	16	21	<1
215119	<1	--	17	26	23	1
215120	<1	--	18	35	29	1
215121	<1	--	16	14	22	2
215122	<1	<1	28	25	26	3
215123	<1	--	23	25	41	6
215124	<1	--	9	13	22	4
215125	<1	--	9	14	24	4
215126	<1	--	7	15	19	5
215127	<1	--	4	10	8	<1
215128	<1	<1	5	10	11	<1
215129	<1	--	6	14	22	<1
215130	<1	--	11	23	21	3
215131	<1	<1	4	10	6	1
215132	<1	--	6	13	18	2
215133	<1	--	6	12	13	6
215134	<1	--	4	9	12	5
215135	<1	--	6	10	22	8
215136	<1	--	7	11	22	6
215137	<1	--	6	22	13	9
215138	<1	--	5	8	4	<1
215139	<1	--	5	15	14	2
215140	<1	--	4	5	2	1
215141	<1	--	3	10	12	<1
215142	<1	--	6	13	16	<1
215143	<1	<1	8	21	18	<1
215144	<1	--	6	16	27	3
215145	<1	--	9	17	42	3
215146	<1	--	18	12	28	3
215147	<1	<1	14	13	20	5
215148	<1	--	8	14	17	7
215149	<1	--	6	4	12	5
215150	<1	--	14	39	32	13
215151	<1	<1	6	11	33	13
215152	<1	--	6	7	11	3
215153	<1	--	4	7	10	6
215154	<1	--	6	5	9	4
215155	<1	--	4	7	8	3
215156	<1	--	6	10	17	3
215157	<1	--	8	12	35	12
215158	<1	--	10	18	39	4
215159	<1	<1	9	22	56	4
215160	<1	--	7	19	41	6
215161	<1	--	7	11	18	6
215162	<1	--	5	13	22	9
215163	<1	--	6	14	36	10
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015817
Your reference : 114029
Project code : 9908104946
Report date : 04/03/99
Report status : Final
Page : 5 of 8

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
215164	<1	--	9	20	32	5
215165	<1	<1	4	13	11	3
215166	<1	--	5	23	29	5
215167	<1	--	5	13	11	5
215168	<1	--	4	7	12	3
215169	<1	--	6	16	65	7
215170	<1	--	9	15	108	6
215171	<1	--	4	4	6	2
215172	<1	<1	6	7	19	5
215173	<1	--	7	17	24	9
215174	<1	--	4	9	14	4
215175	<1	--	5	15	26	2
215176	<1	<1	6	17	16	<1
215177	<1	--	4	7	6	<1
215178	<1	--	7	11	22	7
215179	<1	--	11	15	23	8
215180	<1	--	15	14	29	7
215181	<1	--	12	9	23	3
215182	<1	--	17	15	47	9
215183	<1	--	12	14	21	2
215184	<1	--	22	12	28	3
215185	<1	--	12	11	18	4
215186	<1	--	18	11	29	7
215187	<1	--	14	13	22	<1
215188	<1	--	13	7	20	2
215189	<1	<1	19	11	23	5
215190	<1	--	10	4	21	<1
215191	<1	--	12	9	19	1
215192	<1	--	22	13	30	<1
215193	<1	--	20	17	25	<1
215194	<1	--	12	12	19	2
215195	<1	--	9	12	11	<1
215196	<1	--	19	16	14	2
215197	<1	<1	14	15	15	3
215198	<1	--	9	7	13	4
215199	<1	--	4	3	4	2
215200	<1	--	16	18	40	6
215201	<1	--	18	16	35	6
215202	<1	--	6	5	13	2
215203	<1	--	10	13	21	10
215204	<1	--	4	5	7	3
215205	<1	--	6	4	18	7
215206	<1	--	7	8	12	2
215207	<1	--	5	8	15	4
215208	<1	--	6	17	24	6
215209	<1	--	8	7	19	9
215210	<1	<1	9	12	60	10
215211	<1	--	11	11	28	4
215212	<1	--	7	12	34	5
215213	<1	<1	8	10	12	<1
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015817
Your reference : 114029
Project code : 9908104946
Report date : 04/03/99
Report status : Final
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Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
215214	<1	<1	13	<3	21	3
215215	<1	--	17	7	19	4
215216	<1	--	10	9	10	3
215217	<1	--	22	7	10	5
215218	<1	--	9	12	8	2
215219	<1	--	3	<3	5	2
215220	<1	--	4	<3	14	<1
215221	<1	--	9	3	15	2
215222	<1	<1	13	6	15	5
215223	<1	--	8	12	12	<1
215224	<1	--	6	19	12	4
215225	<1	--	13	24	16	5
215226	<1	--	15	19	20	5
215227	<1	--	8	20	15	5
215228	<1	--	14	20	20	<1
215229	<1	--	16	23	19	3
215230	<1	--	12	6	16	4
215231	<1	--	10	6	15	1
215232	<1	--	11	13	19	1
215233	<1	--	12	8	19	3
215234	<1	--	7	8	19	4
215235	<1	--	5	<3	11	<1
215236	<1	--	5	4	13	4
215237	<1	--	5	4	12	3
215238	<1	--	15	17	19	4
215239	<1	--	8	19	14	1
215240	<1	--	12	18	16	5
215241	<1	--	20	23	16	5
215242	<1	--	4	6	8	<1
215243	<1	--	10	17	11	7
215244	<1	<1	10	21	14	4
215245	<1	--	11	21	18	6
215246	<1	--	28	22	44	4
215247	<1	<1	33	24	40	11
215248	<1	--	5	8	13	<1
215249	<1	--	42	17	64	1
215250	<1	<1	35	52	38	<1
215251	<1	--	4	8	8	<1
215252	<1	--	3	7	9	2
215253	<1	--	3	10	12	<1
215254	<1	--	7	13	13	5
215255	<1	--	4	9	10	3
215256	<1	<1	8	13	18	5
215257	<1	--	7	11	23	3
215258	<1	--	11	17	20	5
215259	<1	--	15	55	17	1
215260	<1	--	9	25	17	1
215261	<1	<1	8	20	17	1
215262	<1	--	9	14	16	2
215263	<1	--	10	17	19	6
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015817
Your reference : 114029
Project code : 9908104946
Report date : 04/03/99
Report status : Final
Page : 7 of 8

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
215264	<1	--	8	17	15	1
215265	<1	--	6	13	19	4
215266	<1	--	5	6	10	<1
215267	<1	--	13	33	21	8
215268	<1	--	7	16	13	2
215269	<1	--	8	14	16	<1
215270	3	3	19	35	29	6
215271	<1	--	3	13	10	<1
215272	<1	--	8	17	12	<1
215273	<1	--	2	9	7	<1
215274	<1	--	11	21	15	<1
215275	<1	--	3	15	10	2
215276	<1	--	7	19	14	1
215277	<1	--	5	17	13	1
215278	2	3	3	10	8	2
215279	<1	--	11	19	15	7
215280	<1	<1	11	18	14	10
215281	<1	--	7	23	12	8
215282	<1	--	21	22	27	10
215283	2	2	11	41	19	8
215284	<1	--	8	29	20	3
215285	<1	--	3	6	21	4
215286	<1	--	4	8	13	8
215287	<1	--	3	<3	5	2
215288	<1	--	27	15	26	9
215289	<1	--	3	17	13	3
215290	<1	--	16	6	29	7
215291	<1	--	23	28	19	7
215292	<1	--	7	17	16	2
215293	<1	--	3	9	9	5
215294	<1	--	4	14	12	2
215295	<1	--	5	9	18	6
215296	<1	--	3	4	6	2
215297	<1	<1	2	13	8	1
215298	<1	<1	4	10	8	1
215299	<1	--	5	10	7	4
215300	<1	<1	2	7	7	3
215301	<1	--	2	7	8	3
215302	<1	--	<2	6	8	3
215303	<1	--	3	16	9	1
215304	<1	--	3	11	10	3
215305	<1	--	2	3	5	2
215306	<1	--	3	4	5	1
215307	<1	--	2	3	5	<1
215308	<1	--	3	9	14	1
215309	<1	--	2	7	10	3
215310	<1	--	3	6	10	<1
215311	<1	--	3	9	10	3
215312	<1	<1	<2	7	6	2
215313	<1	<1	3	4	5	<1
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Our reference : BU015817
Your reference : 114029
Project code : 9908104946
Report date : 04/03/99
Report status : Final
Page : 8 of 8

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
215314	<1	--	3	<3	5	1
215315	<1	--	3	3	4	1
215316	<1	--	4	<3	3	1
215317	<1	--	3	<3	4	<1
215318	<1	--	3	<3	3	4
215319	<1	--	3	3	3	3
215320	<1	--	2	8	5	<1
215321	<1	--	2	5	5	2
215322	<1	--	3	7	4	<1
215323	<1	--	3	13	12	3
215324	<1	--	3	6	5	3
215325	<1	--	5	9	10	1
215326	<1	--	3	6	4	<1
215327	4	5	18	7	12	4
215328	<1	--	4	6	7	1
215329	<1	--	6	10	14	6
215330	<1	--	3	5	7	3
215331	<1	--	2	6	4	<1
215332	<1	--	3	7	5	<1
215333	<1	<1	3	6	8	1
215334	<1	<1	2	5	5	<1
215335	<1	--	3	<3	3	2
215336	<1	--	3	<3	3	<1
215337	<1	--	2	4	3	1
215338	<1	--	4	<3	4	<1
215339	<1	--	3	<3	2	<1
215340	<1	--	3	8	3	<1
215341	5	5	3	7	2	<1
215342	<1	--	3	7	4	2
215343	<1	--	11	8	34	9
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

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ANALABS

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

Our reference : BU015860
Your reference : 114034
Project code : 9908104891
Date received : 16/02/99
Date reported : 19/03/99

Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Number of pages of results : 10
Number of Samples : 229
First Sample : 215344
Last Sample : 215580

Invoice to:
Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Electronic Data Transmission :

Modem	Y	19/03/99
Facsimile		/ /
Disk Report	Y	/ /

Results to:

Results to:

Remarks :

Authorised by .....
On behalf of:

Rob Chapman
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.

608114

ANALABS

Our reference : BU015860
Your reference : 114034
Project code : 9908104891
Report date : 19/03/99
Report status : Final
Page : 1 of 10

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
215344	<1	--	10	10	19	<50
215345	<1	--	30	12	36	<50
215346	<1	<1	6	11	21	<50
215347	<1	--	4	10	18	<50
215348	<1	--	10	12	24	<50
215349	<1	--	8	7	25	<50
215350	<1	--	19	12	29	<50
215351	<1	--	20	13	30	<50
215352	<1	<1	8	13	30	<50
215353	<1	--	9	13	27	<50
215354	<1	--	11	10	30	<50
215355	<1	--	17	27	28	<50
215356	<1	--	7	4	20	<50
215357	<1	--	<2	<3	13	<50
215358	<1	<1	19	14	30	<50
215359	<1	--	3	11	22	<50
215360	<1	--	11	<3	30	<50
215361	<1	--	2	<3	18	<50
215362	<1	--	<2	<3	21	<50
215363	<1	--	12	10	35	<50
215364	<1	--	9	31	30	110
215365	<1	--	8	20	27	60
215366	<1	--	6	<3	20	<50
215367	<1	<1	6	16	25	<50
215368	<1	--	5	<3	21	<50
215369	<1	--	14	11	34	<50
215370	<1	--	13	9	28	<50
215371	<1	--	10	7	28	<50
215372	<1	<1	9	5	40	<50
215373	<1	--	7	19	20	<50
215374	<1	--	10	10	26	<50
215375	<1	--	12	20	29	<50
215376	<1	--	3	3	12	<50
215377	<1	<1	4	5	28	<50
215378	<1	--	16	16	33	<50
215379	<1	--	5	20	23	<50
215380	<1	--	5	8	24	<50
215381	<1	--	16	4	71	<50
215382	<1	--	9	10	67	<50
215383	<1	--	8	3	43	<50
215384	<1	--	4	<3	35	<50
215385	<1	--	5	<3	34	<50
215386	<1	--	3	<3	35	<50
215387	<1	<1	<2	3	5	<50
215388	<1	<1	2	11	7	<50
215389	<1	--	31	19	71	<50
215390	<1	--	22	10	44	<50
215391	<1	--	20	18	37	<50
215392	<1	--	8	9	24	<50
215393	<1	--	13	12	37	<50
Method	F614	F614	A102	A102	A102	A102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	50

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

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ANALABS

Our reference : BU015860
Your reference : 114034
Project code : 9908104891
Report date : 19/03/99
Report status : Final
Page : 2 of 10

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
215394	<1	--	21	18	48	<50
215395	<1	--	6	6	20	<50
215396	<1	--	4	8	25	<50
215397	<1	--	4	6	10	<50
215398	<1	--	5	20	24	<50
215399	<1	--	2	16	24	<50
215400	<1	--	2	15	16	<50
215401	<1	--	4	19	29	<50
215402	<1	<1	3	9	11	<50
215403	<1	--	6	9	14	<50
215404	<1	--	3	15	18	<50
215405	<1	--	7	38	21	<50
215406	<1	--	2	15	18	<50
215407	<1	--	2	18	16	<50
215408	<1	--	2	19	17	<50
215409	<1	--	2	19	19	<50
215410	<1	--	<2	16	13	<50
215411	<1	--	4	18	22	<50
215412	<1	--	<2	13	12	<50
215413	<1	--	2	21	16	480
215414	<1	--	2	16	13	<50
215415	<1	--	3	16	15	<50
215416	<1	--	2	14	16	<50
215417	<1	<1	3	13	20	<50
215418	<1	--	2	25	37	<50
215419	<1	--	8	15	28	<50
215420	2	<1	3	27	14	<50
215421	<1	--	2	14	15	<50
215422	<1	--	<2	13	12	<50
215427	<1	--	5	10	10	<50
215428	<1	--	<2	5	5	<50
215429	<1	--	9	8	11	<50
215430	3	2	3	28	19	<50
215431	8	7	3	25	70	<50
215432	13	15	2	24	23	<50
215433	1	--	<2	6	9	<50
215434	<1	--	3	13	12	<50
215435	<1	--	4	12	27	<50
215436	<1	--	10	11	19	<50
215437	<1	--	6	14	8	<50
215438	<1	--	3	16	16	<50
215439	<1	--	8	19	28	<50
215440	<1	--	<2	18	10	<50
215441	<1	--	3	14	12	<50
215442	<1	--	2	12	9	<50
215443	<1	--	2	11	10	<50
215444	<1	--	2	18	9	<50
215445	<1	--	3	15	10	<50
215446	<1	<1	2	20	13	<50
215447	<1	--	2	11	10	<50
Method	F614	F614	A102	A102	A102	A102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	50

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

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ANALABS

Our reference : BU015860
Your reference : 114034
Project code : 9908104891
Report date : 19/03/99
Report status : Final
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Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
215448	<1	--	<2	9	8	<50
215449	<1	--	2	11	11	<50
215450	<1	--	2	16	13	<50
215451	<1	--	6	18	20	<50
215452	<1	--	7	13	27	<50
215453	7	8	23	13	47	<50
215454	<1	--	17	9	27	<50
215459	<1	--	8	11	46	<50
215460	<1	<1	8	19	23	<50
215461	<1	<1	3	3	11	<50
215462	<1	--	2	4	6	<50
215463	<1	--	5	7	15	<50
215464	<1	--	2	5	9	<50
215465	<1	--	2	<3	10	<50
215466	<1	--	2	9	17	<50
215467	<1	--	5	16	38	<50
215468	<1	--	5	9	28	<50
215469	<1	--	10	12	55	<50
215470	<1	--	6	18	30	<50
215471	<1	--	4	6	27	<50
215472	<1	--	3	<3	9	<50
215473	<1	--	6	3	25	<50
215474	<1	--	4	4	71	<50
215475	<1	--	4	<3	17	<50
215476	<1	--	3	4	18	<50
215477	<1	--	2	<3	6	<50
215478	<1	--	2	<3	7	<50
215479	<1	<1	8	7	17	<50
215480	2	--	10	3	16	<50
215481	<1	--	8	31	30	<50
215482	<1	--	2	13	11	<50
215483	<1	--	2	3	6	<50
215484	<1	<1	5	7	18	<50
215485	<1	<1	3	8	16	<50
215486	<1	--	4	10	13	<50
215487	<1	--	3	7	14	<50
215488	<1	--	3	4	13	<50
215489	<1	--	4	8	13	<50
215490	<1	<1	4	7	23	<50
215491	<1	--	3	12	33	<50
215492	<1	--	5	13	24	<50
215493	<1	--	2	9	19	<50
215494	<1	--	2	9	22	<50
215495	<1	--	<2	6	12	<50
215496	<1	--	3	6	9	<50
215497	<1	--	2	11	14	<50
215498	<1	--	3	4	7	<50
215499	<1	--	3	8	12	<50
215500	<1	--	2	11	17	<50
215501	<1	--	2	10	7	<50
Method	F614	F614	A102	A102	A102	A102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	50

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

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ANALABS

Our reference : BU015860
Your reference : 114034
Project code : 9908104891
Report date : 19/03/99
Report status : Final
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Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
215502	<1	--	2	9	7	<50
215503	<1	--	5	13	16	<50
215504	<1	<1	3	21	13	<50
215505	<1	--	4	8	11	<50
215506	13	9	9	12	18	<50
215507	<1	--	8	13	27	<50
215508	<1	<1	6	9	9	<50
215509	<1	--	2	13	9	<50
215510	<1	<1	2	11	9	<50
215511	9	7	4	9	8	<50
215512	<1	--	12	15	18	<50
215513	<1	--	5	10	20	<50
215514	<1	--	2	6	12	<50
215515	<1	--	2	10	10	<50
215516	<1	--	3	8	12	<50
215517	<1	--	<2	5	6	<50
215518	<1	--	2	5	8	<50
215519	<1	--	2	<3	6	<50
215520	<1	<1	4	5	7	<50
215521	<1	--	3	7	13	<50
215522	<1	--	4	<3	9	<50
215523	<1	--	3	3	10	<50
215524	<1	--	3	8	11	<50
215525	<1	--	2	11	12	<50
215526	<1	--	3	<3	2	<50
215527	<1	--	3	3	<2	<50
215528	<1	--	<2	6	3	<50
215529	<1	--	4	5	5	<50
215530	<1	--	3	3	<2	<50
215531	<1	--	4	15	9	<50
215532	<1	--	2	10	6	<50
215533	<1	--	3	10	6	<50
215534	<1	--	6	12	11	<50
215535	<1	<1	5	8	15	<50
215536	<1	<1	2	3	6	<50
215537	<1	--	16	22	58	<50
215538	<1	--	17	6	38	<50
215539	<1	--	16	17	41	<50
215540	<1	<1	16	18	50	<50
215541	<1	--	5	9	20	<50
215542	<1	--	24	12	29	<50
215543	<1	--	19	10	31	<50
215544	<1	--	42	9	43	<50
215545	<1	<1	23	7	30	<50
215546	<1	<1	13	<3	21	<50
215547	<1	--	13	9	25	<50
215548	<1	--	26	6	35	<50
215549	<1	--	12	8	15	<50
215550	<1	--	21	16	30	<50
215551	<1	--	41	5	36	<50
Method	F614	F614	A102	A102	A102	A102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	50

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

ANALABS

Our reference	:	BU015860
Your reference	:	114034
Project code	:	9908104891
Report date	:	19/03/99
Report status	:	Final
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Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
215552	<1	--	113	3	59	<50
215553	<1	--	4	6	10	<50
215554	<1	--	3	3	3	<50
215555	<1	--	3	6	4	<50
215556	<1	--	3	7	9	<50
215557	<1	--	7	12	18	<50
215558	<1	--	7	10	17	<50
215559	<1	--	9	17	41	<50
215560	<1	<1	15	54	46	<50
215561	<1	--	6	9	26	<50
215562	<1	--	6	9	29	<50
215563	<1	--	3	7	9	<50
215564	<1	<1	3	9	15	<50
215565	<1	--	7	7	16	<50
215566	<1	--	8	12	22	<50
215567	2	--	6	12	23	<50
215568	2	--	4	7	10	<50
215569	<1	--	14	19	60	<50
215570	<1	--	10	11	44	<50
215571	<1	--	9	13	42	<50
215572	<1	--	20	21	73	95
215573	<1	--	13	14	36	<50
215574	<1	--	7	9	13	<50
215575	<1	--	34	10	69	<50
215576	<1	--	57	8	100	<50
215577	<1	<1	79	3	95	<50
215578	<1	--	56	8	88	<50
215579	<1	--	78	<3	57	<50
215580	<1	--	75	<3	71	<50
Method	F614	F614	A102	A102	A102	A102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	50

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

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ANALABS

Our reference : BU015860
Your reference : 114034
Project code : 9908104891
Report date : 19/03/99
Report status : Final
Page : 6 of 10

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	As					
215344	5					
215345	11					
215346	1					
215347	44					
215348	16					
215349	39					
215350	19					
215351	18					
215352	15					
215353	17					
215354	4					
215355	15					
215356	3					
215357	10					
215358	12					
215359	12					
215360	11					
215361	1					
215362	7					
215363	28					
215364	N.A.					
215365	N.A.					
215366	12					
215367	15					
215368	11					
215369	23					
215370	27					
215371	15					
215372	19					
215373	17					
215374	37					
215375	13					
215376	2					
215377	13					
215378	7					
215379	8					
215380	6					
215381	10					
215382	10					
215383	5					
215384	14					
215385	21					
215386	16					
215387	4					
215388	6					
215389	7					
215390	4					
215391	<1					
215392	5					
215393	9					
Method	H102					
Units	ppm					
Detection Limit	1					

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

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ANALABS

Our reference : BU015860
Your reference : 114034
Project code : 9908104891
Report date : 19/03/99
Report status : Final
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Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	As					
215394	7					
215395	6					
215396	<1					
215397	<1					
215398	2					
215399	1					
215400	7					
215401	2					
215402	6					
215403	4					
215404	44					
215405	7					
215406	4					
215407	14					
215408	7					
215409	15					
215410	5					
215411	19					
215412	5					
215413	N.A.					
215414	14					
215415	19					
215416	9					
215417	3					
215418	14					
215419	7					
215420	4					
215421	9					
215422	1					
215427	4					
215428	<1					
215429	2					
215430	13					
215431	28					
215432	44					
215433	<1					
215434	12					
215435	4					
215436	1					
215437	1					
215438	3					
215439	14					
215440	2					
215441	<1					
215442	4					
215443	2					
215444	<1					
215445	3					
215446	2					
215447	2					
Method	H102					
Units	ppm					
Detection Limit	1					

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

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ANALABS

Our reference : BU015860
Your reference : 114034
Project code : 9908104891
Report date : 19/03/99
Report status : Final
Page : 8 of 10

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	As					
215448	3					
215449	8					
215450	6					
215451	<1					
215452	7					
215453	14					
215454	4					
215459	8					
215460	<1					
215461	1					
215462	4					
215463	5					
215464	3					
215465	1					
215466	10					
215467	7					
215468	12					
215469	6					
215470	<1					
215471	<1					
215472	5					
215473	2					
215474	2					
215475	3					
215476	5					
215477	1					
215478	12					
215479	8					
215480	8					
215481	39					
215482	7					
215483	2					
215484	21					
215485	15					
215486	6					
215487	8					
215488	18					
215489	3					
215490	4					
215491	<1					
215492	6					
215493	14					
215494	13					
215495	<1					
215496	1					
215497	<1					
215498	4					
215499	<1					
215500	<1					
215501	<1					
Method	H102					
Units	ppm					
Detection Limit	1					

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

608122

ANALABS

Our reference	:	BU015860
Your reference	:	114034
Project code	:	9908104891
Report date	:	19/03/99
Report status	:	Final
Page	:	9 of 10

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	As					
215502	1					
215503	6					
215504	2					
215505	1					
215506	17					
215507	2					
215508	8					
215509	<1					
215510	2					
215511	4					
215512	4					
215513	<1					
215514	<1					
215515	2					
215516	11					
215517	<1					
215518	1					
215519	<1					
215520	1					
215521	1					
215522	<1					
215523	<1					
215524	3					
215525	<1					
215526	<1					
215527	1					
215528	1					
215529	6					
215530	<1					
215531	2					
215532	2					
215533	3					
215534	6					
215535	5					
215536	1					
215537	8					
215538	<1					
215539	2					
215540	<1					
215541	1					
215542	<1					
215543	<1					
215544	2					
215545	<1					
215546	<1					
215547	4					
215548	5					
215549	6					
215550	4					
215551	6					
Method	H102					
Units	ppm					
Detection Limit	1					

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

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ANALABS

Our reference : BU015860
Your reference : 114034
Project code : 9908104891
Report date : 19/03/99
Report status : Final
Page : 10 of 10

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	As					
215552	7					
215553	4					
215554	2					
215555	7					
215556	6					
215557	12					
215558	10					
215559	6					
215560	7					
215561	<1					
215562	3					
215563	<1					
215564	<1					
215565	2					
215566	5					
215567	19					
215568	<1					
215569	7					
215570	4					
215571	7					
215572	N.A.					
215573	10					
215574	5					
215575	7					
215576	<1					
215577	2					
215578	1					
215579	1					
215580	<1					
Method	H102					
Units	ppm					
Detection Limit	1					

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

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ANALABS

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

Our reference : BU016038
Your reference : 114153
Project code : Soils Exploration
Date received : 22/03/99
Date reported : 01/04/99

Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Number of pages of results : 4
Number of Samples : 157
First Sample : 215581
Last Sample : 215637 A

Electronic Data Transmission :

Modem		Y 01/04/99
Facsimile		/ /
Disk Report	Y	/ /

Preliminary Reports :
01/04/99 Report

Wings West soils

Authorised by
On behalf of:

Rob Chapman
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.

608125

ANALABS

Our reference : BU016038
Your reference : 114153
Project code : Soils Exploration
Report date : 01/04/99
Report status : Final
Page : 1 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
215581	<1	--	<2	6	6	4
215582	<1	--	3	10	3	5
215583	<1	<1	<2	6	4	9
215584	<1	<1	<2	11	3	7
215585	<1	--	<2	6	<2	8
215586	<1	--	<2	4	3	8
215587	<1	--	<2	11	9	25
215588	2	--	<2	11	3	9
215589	<1	<1	<2	12	4	12
215590	3	--	<2	8	6	12
215591	5	7	9	5	9	13
215592	3	1	<2	10	4	16
215593	3	--	<2	16	4	16
215594	<1	--	<2	13	4	8
215595	<1	--	<2	7	4	1
215596	2	--	<2	8	4	5
215597	<1	--	<2	5	<2	3
215598	<1	--	<2	8	<2	6
215599	<1	--	<2	6	13	11
215600	<1	--	2	5	4	9
215601	9	7	3	4	13	7
215602	2	--	2	6	14	10
215603	<1	--	7	5	30	11
215604	2	--	3	9	19	4
215605	<1	--	2	8	20	6
215606	<1	--	4	8	39	9
215607	<1	<1	4	9	18	6
215608	<1	--	3	5	9	7
215609	5	6	3	8	10	8
215610	2	--	<2	3	6	5
215611	2	<1	<2	15	5	9
215612	<1	--	<2	9	5	5
215613	<1	--	<2	8	2	6
215614	<1	<1	<2	4	5	5
215615	<1	--	<2	6	3	6
215616	<1	--	<2	9	8	9
215617	<1	--	<2	9	10	17
215618	<1	--	<2	5	7	12
215619	<1	--	<2	7	8	10
215620	<1	--	<2	8	6	15
215621	6	6	<2	9	10	17
215622	<1	--	<2	5	10	20
215623	<1	--	<2	6	5	27
215624	<1	--	<2	6	6	10
215625	<1	--	2	7	5	10
215626	<1	<1	3	16	5	9
215627	<1	--	<2	9	6	13
215628	<1	--	2	9	7	3
215629	<1	--	<2	7	5	6
215630	<1	--	<2	9	7	<1
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

608126

ANALABS

Our reference : BU016038
Your reference : 114153
Project code : Soils Exploration
Report date : 01/04/99
Report status : Final
Page : 2 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
215631	<1	--	<2	5	3	5
215632	<1	--	<2	6	<2	<1
215633	<1	--	2	3	<2	<1
215634	<1	--	2	7	5	<1
215635	<1	<1	3	7	4	5
215636	<1	--	2	6	<2	<1
215637	<1	--	<2	7	10	4
215638	4	5	2	22	12	12
215639	<1	<1	<2	9	4	<1
215640	<1	--	2	8	9	2
215641	<1	--	<2	5	3	<1
215642	<1	--	4	8	15	14
215643	<1	<1	<2	8	3	<1
215644	<1	--	<2	13	4	<1
215645	<1	--	<2	10	3	<1
215646	<1	--	<2	11	5	<1
215647	<1	--	<2	10	6	<1
215648	<1	--	<2	7	5	2
215649	<1	--	<2	29	16	4
215650	<1	--	<2	13	4	<1
215651	<1	--	2	18	7	16
215652	<1	--	<2	13	3	9
215653	<1	--	<2	18	5	12
215654	<1	--	<2	10	4	5
215655	<1	--	<2	6	5	1
215656	<1	--	<2	<3	6	3
215657	<1	--	<2	3	5	4
215658	<1	--	<2	9	6	5
215659	<1	--	3	4	8	4
215660	<1	--	2	5	5	3
215661	<1	--	4	<3	5	3
215662	<1	--	3	<3	4	<1
215663	2	--	3	7	6	2
215664	<1	<1	5	4	5	5
215665	<1	--	2	18	5	3
215666	<1	<1	3	8	13	7
215667	<1	--	<2	<3	<2	3
215668	<1	--	<2	3	64	24
215669	3	--	<2	3	9	21
215670	<1	--	<2	<3	17	5
215671	<1	--	<2	7	5	6
215672	<1	--	<2	8	10	4
215673	<1	--	2	12	8	21
215674	<1	--	<2	4	2	<1
215675	<1	--	<2	3	2	9
215676	<1	--	<2	4	8	17
215677	<1	--	3	4	51	30
215678	6	8	<2	<3	28	19
215679	<1	--	<2	4	9	7
215680	<1	--	2	9	3	3
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

608127

ANALABS

Our reference : BU016038
Your reference : 114153
Project code : Soils Exploration
Report date : 01/04/99
Report status : Final
Page : 3 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
215681	<1	<1	<2	10	8	3
215682	4	2	<2	5	6	6
215683	<1	--	<2	8	10	5
215684	9	--	3	12	9	2
215685	<1	--	<2	7	12	6
215686	<1	--	<2	8	7	3
215687	<1	--	<2	5	5	4
215688	<1	--	<2	8	7	7
215689	4	5	5	3	27	20
215690	<1	--	3	<3	5	6
215691	<1	--	3	<3	5	2
215692	<1	--	3	<3	<2	2
215693	<1	--	4	<3	2	3
215694	<1	--	2	<3	<2	4
215695	<1	--	<2	<3	<2	7
215696	5	5	2	<3	5	11
215697	<1	--	2	<3	5	4
215698	<1	--	<2	4	<2	3
215699	<1	--	2	3	6	5
215700	3	4	3	9	6	14
215701	2	--	6	11	84	44
215702	<1	--	4	11	31	15
215703	<1	--	3	5	3	6
215704	<1	<1	8	6	6	6
215705	<1	<1	4	12	19	14
215706	<1	--	2	6	2	3
215707	<1	--	4	5	16	14
215708	3	5	5	29	18	18
215709	<1	--	3	<3	7	7
215710	<1	--	2	11	15	4
215711	<1	--	2	10	7	1
215712	<1	--	2	9	8	5
215713	<1	--	3	8	13	7
215714	<1	<1	3	7	14	7
215715	<1	--	<2	7	8	3
215716	<1	--	<2	12	11	4
215717	<1	--	<2	10	4	<1
215718	<1	--	<2	5	6	2
215719	<1	--	2	15	9	4
215720	<1	<1	<2	4	6	1
215721	<1	--	<2	<3	5	3
215722	<1	--	<2	4	6	11
215723	<1	<1	<2	8	9	6
215724	<1	--	<2	6	11	7
215725	<1	--	10	10	12	20
215726	<1	--	4	21	20	23
215727	<1	--	4	35	17	23
215728	<1	--	<2	7	13	2
215729	<1	--	<2	54	16	3
215730	<1	--	<2	19	15	7
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

608128

ANALABS

Our reference : BU016038
Your reference : 114153
Project code : Soils Exploration
Report date : 01/04/99
Report status : Final
Page : 4 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
215731	<1	--	<2	30	14	4
215732	<1	--	2	5	16	7
215733	<1	--	<2	7	15	2
215734	<1	--	4	13	12	<1
215735	<1	<1	2	10	10	5
215636 A	<1	--	<2	<3	5	<1
215637 A	<1	--	<2	<3	5	<1
Method	F614	F614	A102	A102	A102	H102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	1

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

APPENDIX 4

ROCK SAMPLE ASSAY RESULT SHEETS (ANALABS)

608130

A N A L A B S

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

Our reference : BU015741
Your reference : **114152**
Project code : 9908104714
Date received : 22/01/99
Date reported : 09/02/99

Grant McDonald
Geologist
Geology
Beaconsfield Mine Joint Venture
P.O.Box 58
BEACONSFIELD

TAS 7270

Number of pages of results : 2
Number of Samples : 25
First Sample : 216000
Last Sample : 216030

Invoice to:
Grant McDonald
Geologist
Geology
Beaconsfield Mine Joint Venture
P.O.Box 58
BEACONSFIELD

TAS 7270

Electronic Data Transmission :
Modem Y 09/02/99
Facsimile / /
Disk Report / /

Results to:

Results to:

Powders for rocks.

Remarks :

Authorised by.....
On ~~behalf of~~:

Rob Chapman
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.

608131

ANALABS

Our reference : BU015741
Your reference : 114152
Project code : 9908104714
Report date : 09/02/99
Report status : Final
Page : 1 of 2

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Cu	Pb	Zn	Ag	As	Cr
216000	3	15	5	<1	<50	41
216001	5	<3	3	<1	<50	114
216002	4	<3	3	<1	<50	77
216003	6	<3	2	<1	<50	37
216004	2	<3	2	<1	<50	626
216005	4	11	78	<1	<50	20
216006	7	7	5	<1	<50	589
216007	3	<3	<2	<1	<50	14
216008	3	18	<2	<1	<50	407
216010	4	4	39	<1	<50	2269
216011	3	5	2	<1	<50	57
216012	3	5	<2	<1	<50	12
216013	2	3	<2	<1	<50	412
216014	3	<3	<2	<1	<50	96
216015	4	3	91	<1	<50	1827
216016	2	3	4	<1	<50	447
216017	5	<3	13	<1	<50	20
216018	4	4	23	<1	<50	1508
216019	6	6	125	<1	<50	1013
216020	3	5	30	<1	<50	293
216021	11	<3	9	<1	<50	31
216022	3	<3	<2	<1	<50	862
216023	44	14	59	<1	52	179
216027	10	5	2	<1	<50	37
216030	72	70	170	<1	<50	251
Method	A102	A102	A102	A102	A102	A102
Units	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	2	3	2	1	50	5

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

608132

ANALABS

Our reference : BU015741
Your reference : 114152
Project code : 9908104714
Report date : 09/02/99
Report status : Final
Page : 2 of 2

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Ni	As		
216000	<0.01	--	<3	13		
216001	<0.01	--	<3	32		
216002	<0.01	--	<3	2		
216003	<0.01	--	<3	<1		
216004	<0.01	--	<3	<1		
216005	<0.01	--	<3	<1		
216006	<0.01	--	<3	4		
216007	<0.01	--	<3	<1		
216008	<0.01	--	<3	<1		
216010	<0.01	--	<3	<1		
216011	<0.01	--	<3	<1		
216012	<0.01	--	<3	3		
216013	<0.01	--	<3	<1		
216014	<0.01	--	<3	<1		
216015	<0.01	--	<3	2		
216016	<0.01	--	<3	<1		
216017	<0.01	--	4	1		
216018	<0.01	--	3	1		
216019	<0.01	--	<3	11		
216020	<0.01	--	15	<1		
216021	<0.01	--	<3	3		
216022	<0.01	--	<3	<1		
216023	<0.01	--	<3	N.A.		
216027	<0.01	--	<3	16		
216030	<0.01	--	162	<1		
Method	F630	F630	A102	H102		
Units	ppm	ppm	ppm	ppm		
Detection Limit	0.01	0.01	3	1		

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

608133

A N A L A B S

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

Our reference : BU016024
Your reference : 114154
Project code : Salisbury Hill
Date received : 18/03/99
Date reported : 30/03/99

Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Number of pages of results : 2
Number of Samples : 34
First Sample : 216034
Last Sample : 216070

Invoice to:
Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Electronic Data Transmission :

Modem		Y 30/03/99
Facsimile		/ /
Disk Report	Y	/ /

Results to:

Results to:

Remarks :

Authorised by .....
On behalf of:

Rob Chapman
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.

608134

ANALABS

Our reference : BU016024
Your reference : 114154
Project code : Salisbury Hill
Report date : 30/03/99
Report status : Final
Page : 1 of 2

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	Zn
216034	<1	<1	6	8	30	N.A.
216035	<1	--	5	7	12	N.A.
216037	<1	--	4	<3	3	N.A.
216038	<1	--	2	3	<2	N.A.
216039	<1	--	3	<3	<2	N.A.
216040	<1	--	6	<3	<2	N.A.
216041	<1	--	4	<3	<2	N.A.
216042	<1	--	3	<3	2	N.A.
216043	<1	<1	3	<3	<2	N.A.
216044	<1	--	3	<3	9	N.A.
216045	7	6	21	32	72	N.A.
216046	5	3	7	6	19	N.A.
216048	2	--	6	6	15	N.A.
216049	<1	--	6	4	<2	N.A.
216050	<1	--	7	6	71	N.A.
216051	<1	--	6	5	9	N.A.
216052	6	--	10	4	3	N.A.
216053	28	25	9	8	47	N.A.
216054	15	--	6	4	<2	N.A.
216055	18	17	8	3	2	N.A.
216056	<1	2	7	4	<2	N.A.
216057	196	199	22	50	923	N.A.
216058	46	36	23	18	>5000	0.60
216059	2	--	8	4	3	N.A.
216060	4	--	7	4	16	N.A.
216061	35	28	10	32	220	N.A.
216062	2	--	12	20	16	N.A.
216064	4	4	4	7	11	N.A.
216065	8	--	12	32	180	N.A.
216066	15	--	14	82	784	N.A.
216067	11	--	7	58	526	N.A.
216068	13	--	5	9	226	N.A.
216069	2	--	7	6	29	N.A.
216070	<1	<1	6	7	45	N.A.
Method	F614	F614	A102	A102	A102	A103
Units	ppb	ppb	ppm	ppm	ppm	%
Detection Limit	1	1	2	3	2	0.01
Upper Method						

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

608135

ANALABS

Our reference : BU016024
Your reference : 114154
Project code : Salisbury Hill
Report date : 30/03/99
Report status : Final
Page : 2 of 2

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	As	As	Ni	Cr		
216034	65	N.A.	7	262		
216035	<50	<1	5	243		
216037	<50	<1	5	313		
216038	<50	5	<3	348		
216039	<50	<1	9	410		
216040	<50	<1	3	407		
216041	<50	<1	7	477		
216042	<50	1	<3	377		
216043	<50	1	7	463		
216044	<50	<1	<3	511		
216045	<50	2	8	166		
216046	<50	<1	3	466		
216048	<50	6	7	424		
216049	<50	4	3	420		
216050	<50	2	8	1995		
216051	<50	1	3	447		
216052	<50	<1	9	601		
216053	<50	7	6	713		
216054	<50	<1	4	360		
216055	<50	12	4	516		
216056	<50	3	10	668		
216057	60	N.A.	12	169		
216058	<50	8	17	86		
216059	<50	<1	7	486		
216060	<50	<1	3	434		
216061	<50	30	<3	154		
216062	95	N.A.	9	348		
216064	<50	<1	14	484		
216065	<50	42	27	144		
216066	225	N.A.	29	383		
216067	<50	44	50	271		
216068	<50	9	3	>2500		
216069	<50	<1	11	1160		
216070	<50	<1	3	1770		
Method	A102	H102	A102	A102		
Units	ppm	ppm	ppm	ppm		
Detection Limit	50	1	3	5		
Upper Method				A103		

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

608136

A N A L A B S

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

Our reference : BU016466
Your reference : **114169**
Project code : 9912148861
Date received : 17/06/99
Date reported : 29/06/99

Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Number of pages of results : 4
Number of Samples : 51
First Sample : 216072
Last Sample : 216182

Invoice to:
Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Electronic Data Transmission :
Modem Y 29/06/99
Facsimile / /
Disk Report Y / /

Preliminary Reports :
25/06/99 Report
25/06/99 Report

Results to:

Results to:

Powerline West, rocks.
Perkins Rd
Peaked Hill

Remarks :

Authorised by .....
On behalf of:

Rob Chapman
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.

608137

ANALABS

Our reference : BU016466
Your reference : **114169**
Project code : 9912148861
Report date : 29/06/99
Report status : Final
Page : 1 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	As			
216072	<1	--	3			
216073	<1	--	11			
216074	<1	--	<1			
216075	<1	--	10			
216076	<1	<1	<1			
216087	<1	<1	6			
216088	<1	--	3			
216089	<1	--	15			
216091	<1	--	1			
216093	<1	--	6			
216094	<1	--	2			
216095	<1	--	3			
216096	<1	--	3			
216098	<1	<1	3			
216100	<1	--	3			
216101	<1	--	3			
216102	<1	--	3			
216103	<1	<1	1			
216104	<1	--	2			
216106	<1	--	4			
216109	<1	--	1			
216110	<1	<1	3			
216111	<1	--	3			
216112	<1	--	<1			
216113	<1	--	2			
216114	<1	--	2			
216115	<1	--	<1			
216116	<1	--	1			
216117	<1	--	1			
216118	<1	--	<1			
216121	24	24	48			
216126	21	18	1			
216127	<1	--	5			
216129	2	<1	<1			
216130	<1	<1	<1			
216131	<1	<1	<1			
216132	10	10	3			
216133	7	4	2			
216134	3	4	<1			
216135	6	6	<1			
216136	<1	--	<1			
216137	<1	--	<1			
216138	<1	--	<1			
216145	<1	--	>50			
216176	<1	<1	10			
216177	<1	<1	>50			
216178	6	11	>50			
216179	3	2	>50			
216180	<1	--	>50			
216181	5	6	<1			
Method	F614	F614	H102			
Units	ppb	ppb	ppm			
Detection Limit	1	1	1			
Upper Method			A102			

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

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ANALABS

Our reference : BU016466
Your reference : 114169
Project code : 9912148861
Report date : 29/06/99
Report status : Final
Page : 2 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	As			
216182	<1	--	1			
Method	F614	F614	H102			
Units	ppb	ppb	ppm			
Detection Limit	1	1	1			

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

608139

ANALABS

Our reference : BU016466
Your reference : 114169
Project code : 9912148861
Report date : 29/06/99
Report status : Final
Page : 3 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Cu	Pb	Zn	Ag	As	
216072	27	14	58	<1	<50	
216073	175	42	115	<1	<50	
216074	3	10	5	<1	<50	
216075	101	11	365	<1	<50	
216076	3	<3	4	<1	<50	
216087	6	<3	11	<1	<50	
216088	3	<3	4	<1	<50	
216089	69	20	191	<1	<50	
216091	2	<3	3	<1	<50	
216093	3	<3	7	<1	<50	
216094	15	4	6	<1	<50	
216095	12	6	19	<1	<50	
216096	6	4	10	<1	<50	
216098	4	<3	5	<1	<50	
216100	<2	<3	3	<1	<50	
216101	11	4	44	<1	<50	
216102	4	9	4	<1	<50	
216103	<2	<3	4	<1	<50	
216104	<2	5	3	<1	<50	
216106	5	3	37	1	<50	
216109	4	<3	7	<1	<50	
216110	4	<3	4	<1	<50	
216111	<2	<3	4	<1	<50	
216112	<2	<3	8	<1	<50	
216113	2	<3	6	<1	<50	
216114	3	<3	6	<1	<50	
216115	2	<3	4	<1	<50	
216116	<2	<3	8	<1	<50	
216117	<2	15	4	<1	<50	
216118	3	22	10	4	<50	
216121	23	25	25	<1	<50	
216126	3	11	18	<1	<50	
216127	6	20	17	2	<50	
216129	4	7	38	2	<50	
216130	<2	7	7	<1	<50	
216131	2	9	35	<1	<50	
216132	4	8	6	<1	<50	
216133	2	52	7	<1	<50	
216134	3	24	21	<1	<50	
216135	2	13	15	<1	<50	
216136	3	4	13	<1	<50	
216137	<2	<3	4	<1	<50	
216138	2	3	6	<1	<50	
216145	23	8	13	<1	65	
216176	50	68	23	<1	<50	
216177	361	649	260	9	95	
216178	17	4	10	<1	85	
216179	18	14	36	<1	490	
216180	7	11	18	<1	145	
216181	3	4	4	<1	<50	
Method	A102	A102	A102	A102	A102	
Units	ppm	ppm	ppm	ppm	ppm	
Detection Limit	2	3	2	1	50	

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

608140

ANALABS

Our reference : BU016466
Your reference : 114169
Project code : 9912148861
Report date : 29/06/99
Report status : Final
Page : 4 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Cu	Pb	Zn	Ag	As	
216182	3	3	7	<1	<50	
Method	A102	A102	A102	A102	A102	
Units	ppm	ppm	ppm	ppm	ppm	
Detection Limit	2	3	2	1	50	

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

608141

ANALABS

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

Our reference : BU016592
Your reference : 114172 A
Project code : 8903052766
Date received : 20/07/99
Date reported : 04/08/99

Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Number of pages of results : 4
Number of Samples : 78
First Sample : 216783
Last Sample : 216863

Invoice to:
Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Electronic Data Transmission :

Modem		Y 04/08/99
Facsimile		/ /
Disk Report	Y	/ /

Preliminary Reports :

22/07/99	Report
22/07/99	Report
23/07/99	Report

Results to:

Results to:

Remarks :

Authorised by .....
On behalf of:

Rob Chapman
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.

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ANALABS

Our reference : BU016592
Your reference : 114172 A
Project code : 8903052766
Report date : 04/08/99
Report status : Final
Page : 1 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	As			
216783	<1	--	1			
216784	<1	--	4			
216785	7	6	<1			
216786	<1	--	<1			
216787	<1	--	<1			
216788	<1	<1	<1			
216789	<1	--	<1			
216790	<1	--	1			
216791	<1	--	<1			
216793	<1	<1	2			
216794	<1	--	<1			
216795	<1	--	>50			
216796	<1	--	>50			
216797	<1	--	1			
216798	<1	--	1			
216799	<1	--	>50			
216800	26	23	>50			
216801	<1	--	2			
216802	<1	--	<1			
216803	<1	--	<1			
216804	<1	--	1			
216805	<1	<1	2			
216806	<1	--	29			
216808	<1	--	39			
216809	<1	--	17			
216809A	<1	--	>50			
216810	<1	--	33			
216811	<1	--	18			
216812	<1	--	6			
216813	<1	--	3			
216814	<1	--	<1			
216815	<1	--	<1			
216816	<1	--	<1			
216817	<1	--	1			
216818	<1	<1	1			
216819	<1	<1	<1			
216820	<1	--	>50			
216821	<1	--	5			
216822	<1	--	11			
216823	<1	--	2			
216824	<1	--	1			
216825	<1	--	<1			
216826	<1	--	<1			
216827	<1	--	<1			
216828	<1	--	<1			
216829	<1	--	<1			
216830	<1	--	<1			
216831	<1	<1	<1			
216832	<1	--	<1			
216833	<1	--	<1			
Method	F614	F614	H102			
Units	ppb	ppb	ppm			
Detection Limit	1	1	1			
Upper Method			A102			

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

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ANALABS

Our reference : BU016592
Your reference : 114172 A
Project code : 8903052766
Report date : 04/08/99
Report status : Final
Page : 2 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	As			
216834	<1	--	<1			
216835	<1	--	<1			
216836	<1	--	<1			
216837	<1	<1	<1			
216839	<1	--	6			
216840	<1	--	1			
216841	<1	--	<1			
216842	<1	--	<1			
216843	<1	--	<1			
216845	<1	<1	<1			
216846	<1	<1	<1			
216847	<1	--	2			
216848	<1	--	4			
216849	324	346	>50			
216850	<1	--	<1			
216851	51	--	13			
216852	83	--	5			
216853	23	--	2			
216854	108	--	>50			
216855	748	762	>50			
216856	241	--	45			
216857	<1	--	3			
216858	42	--	8			
216859	31	--	2			
216860	561	571	>50			
216861	145	174	22			
216862	4	--	6			
216863	62	--	>50			
Method	F614	F614	H102			
Units	ppb	ppb	ppm			
Detection Limit	1	1	1			
Upper Method			A102			

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

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ANALABS

Our reference : BU016592
Your reference : 114172 A
Project code : 8903052766
Report date : 04/08/99
Report status : Final
Page : 3 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Cu	Pb	Zn	Ag	As	
216783	5	5	7	<1	<50	
216784	4	<3	5	<1	<50	
216785	8	3	16	<1	<50	
216786	4	<3	14	<1	<50	
216787	3	<3	29	<1	<50	
216788	2	<3	2	<1	<50	
216789	<2	3	4	<1	<50	
216790	<2	<3	3	<1	<50	
216791	<2	<3	2	<1	<50	
216793	15	39	23	<1	<50	
216794	5	<3	<2	<1	<50	
216795	125	538	132	<1	270	
216796	185	1095	228	<1	365	
216797	15	36	25	<1	<50	
216798	3	15	3	<1	<50	
216799	32	50	53	<1	55	
216800	5	<3	2	<1	95	
216801	2	56	3	<1	<50	
216802	2	11	23	<1	<50	
216803	3	9	<2	<1	<50	
216804	<2	13	12	<1	<50	
216805	6	15	4	<1	<50	
216806	17	16	51	<1	<50	
216808	24	159	56	<1	<50	
216809	7	36	27	<1	<50	
216809A	138	171	280	<1	280	
216810	34	52	43	<1	<50	
216811	35	218	95	<1	<50	
216812	6	18	12	<1	<50	
216813	4	10	4	<1	<50	
216814	<2	17	10	<1	<50	
216815	<2	11	3	<1	<50	
216816	17	3	5	<1	<50	
216817	3	<3	19	<1	<50	
216818	4	<3	5	<1	<50	
216819	<2	<3	2	<1	<50	
216820	38	8	66	<1	65	
216821	12	4	16	<1	<50	
216822	17	49	15	<1	<50	
216823	7	<3	11	<1	<50	
216824	3	<3	<2	<1	<50	
216825	12	<3	2	<1	<50	
216826	<2	<3	<2	<1	<50	
216827	5	<3	3	<1	<50	
216828	8	<3	2	<1	<50	
216829	<2	5	3	<1	<50	
216830	<2	<3	<2	<1	<50	
216831	5	<3	5	<1	<50	
216832	2	<3	2	<1	<50	
216833	<2	<3	<2	<1	<50	
Method	A102	A102	A102	A102	A102	
Units	ppm	ppm	ppm	ppm	ppm	
Detection Limit	2	3	2	1	50	

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

608145

ANALABS

Our reference : BU016592
Your reference : 114172 A
Project code : 8903052766
Report date : 04/08/99
Report status : Final
Page : 4 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Cu	Pb	Zn	Ag	As	
216834	6	<3	3	<1	<50	
216835	3	11	11	<1	<50	
216836	6	12	16	<1	<50	
216837	6	<3	8	<1	<50	
216839	7	5	26	<1	<50	
216840	6	<3	3	<1	<50	
216841	5	<3	3	<1	<50	
216842	4	<3	2	<1	<50	
216843	8	<3	<2	<1	<50	
216845	4	8	6	<1	<50	
216846	6	<3	25	<1	<50	
216847	8	<3	27	<1	<50	
216848	5	<3	4	<1	<50	
216849	114	20	28	<1	80	
216850	10	<3	7	<1	<50	
216851	22	66	6	<1	<50	
216852	15	<3	39	<1	<50	
216853	30	<3	78	<1	<50	
216854	25	68	6	<1	265	
216855	112	7	14	<1	65	
216856	224	24	27	<1	<50	
216857	8	10	4	<1	<50	
216858	65	4	9	<1	<50	
216859	13	3	6	<1	<50	
216860	252	19	17	<1	200	
216861	72	5	4	<1	<50	
216862	10	<3	2	<1	<50	
216863	132	15	8	<1	75	
Method	A102	A102	A102	A102	A102	
Units	ppm	ppm	ppm	ppm	ppm	
Detection Limit	2	3	2	1	50	

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

608146

ANALABS

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

Our reference : BU016690
Your reference : 114173
Project code : Con-note 8903052781
Date received : 12/08/99
Date reported : 25/08/99

Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Number of pages of results : 4
Number of Samples : 89
First Sample : 216864
Last Sample : 216952

Invoice to:
Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Electronic Data Transmission :
Modem Y 25/08/99
Facsimile / /
Disk Report Y / /

Preliminary Reports :
23/08/99 Report
25/08/99 Report

Results to:

Results to:

Remarks : Below Park rock - soils.

Authorised by .....
~~On behalf~~ of:

Rob Chapman
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.

608147

ANALABS

Our reference : BU016690
Your reference : 114173
Project code : Con-note 8903052781
Report date : 25/08/99
Report status : Final
Page : 1 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	As	Cu		
216864	<1	--	3	--		
216865	4	--	<1	--		
216866	2	--	2	--		
216867	5	--	<1	--		
216868	<1	--	1	--		
216869	<1	--	<1	--		
216870	<1	--	<1	--		
216871	<1	--	1	--		
216872	<1	--	<1	--		
216873	<1	<1	4	--		
216874	<1	--	<1	--		
216875	<1	--	<1	--		
216876	<1	--	<1	--		
216877	<1	<1	5	--		
216878	<1	--	3	--		
216879	<1	--	<1	--		
216880	<1	--	1	--		
216881	<1	<1	1	--		
216882	<1	--	<1	--		
216883	<1	--	<1	--		
216884	<1	--	<1	--		
216885	<1	<1	2	--		
216886	<1	<1	2	--		
216887	<1	--	2	--		
216888	<1	--	2	--		
216889	<1	--	1	--		
216890	7	--	<1	--		
216891	<1	--	3	--		
216892	<1	--	1	--		
216893	<1	--	<1	--		
216894	<1	--	<1	--		
216895	<1	--	1	--		
216896	<1	--	<1	--		
216897	<1	--	1	--		
216898	<1	<1	<1	--		
216899	<1	--	1	--		
216900	<1	--	2	--		
216901	<1	--	<1	--		
216902	<1	--	1	--		
216903	<1	--	1	--		
216904	<1	--	1	--		
216905	<1	--	3	--		
216906	<1	--	<1	--		
216907	<1	--	5	--		
216908	<1	--	2	--		
216909	<1	--	3	--		
216910	<1	--	2	--		
216911	<1	--	<1	--		
216912	<1	--	1	--		
216913	<1	--	3	--		
Method	F614	F614	H102	A103		
Units	ppb	ppb	ppm	%		
Detection Limit	1	1	1	0.01		

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

608148

ANALABS

Our reference : BU016690
Your reference : 114173
Project code : Con-note 8903052781
Report date : 25/08/99
Report status : Final
Page : 2 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	As	Cu		
216914	<1	--	1	--		
216915	<1	--	2	--		
216916	<1	<1	1	--		
216917	<1	--	<1	--		
216918	<1	--	4	--		
216919	<1	--	3	--		
216920	<1	<1	2	--		
216921	<1	--	1	--		
216922	<1	--	1	--		
216923	<1	<1	3	--		
216924	<1	<1	2	--		
216925	4	--	3	--		
216926	<1	--	3	--		
216927	<1	<1	2	--		
216928	<1	--	4	--		
216929	<1	--	6	--		
216930	<1	--	1	--		
216931	<1	--	1	--		
216932	<1	--	4	--		
216933	<1	--	1	--		
216934	<1	--	3	--		
216935	<1	--	2	--		
216936	<1	--	2	--		
216937	<1	--	2	--		
216938	<1	--	2	--		
216939	<1	--	5	--		
216940	<1	--	4	--		
216941	<1	--	3	--		
216942	<1	--	2	--		
216943	<1	--	1	--		
216944	<1	--	3	--		
216945	<1	<1	4	--		
216946	<1	--	4	--		
216947	<1	--	6	--		
216948	<1	<1	6	--		
216949	<1	--	3	--		
216950	<1	--	<1	--		
216951	1472	I.S.	26	6.22		
216952	<1	--	5	--		
Method	F614	F614	H102	A103		
Units	ppb	ppb	ppm	%		
Detection Limit	1	1	1	0.01		

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

608149

ANALABS

Our reference : BU016690
Your reference : 114173
Project code : Con-note 8903052781
Report date : 25/08/99
Report status : Final
Page : 3 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Cu	Pb	Zn	Ag	As	
216864	<2	19	12	<1	<50	
216865	<2	9	26	<1	<50	
216866	<2	<3	11	<1	<50	
216867	<2	<3	8	<1	<50	
216868	<2	<3	3	<1	<50	
216869	4	3	8	<1	<50	
216870	<2	<3	2	<1	<50	
216871	<2	4	6	<1	<50	
216872	2	5	6	<1	<50	
216873	2	11	10	<1	<50	
216874	<2	<3	4	<1	<50	
216875	<2	<3	3	<1	<50	
216876	<2	<3	4	<1	<50	
216877	<2	4	7	<1	<50	
216878	2	26	11	<1	<50	
216879	<2	5	10	<1	<50	
216880	<2	4	7	<1	<50	
216881	3	11	13	<1	<50	
216882	6	15	11	<1	<50	
216883	2	11	9	<1	<50	
216884	<2	10	10	<1	<50	
216885	<2	7	10	<1	<50	
216886	2	4	7	<1	<50	
216887	<2	3	6	<1	<50	
216888	3	<3	4	<1	<50	
216889	<2	<3	6	<1	<50	
216890	<2	3	6	<1	<50	
216891	<2	7	7	<1	<50	
216892	14	14	16	<1	<50	
216893	<2	3	8	<1	<50	
216894	<2	3	5	<1	<50	
216895	<2	4	4	<1	<50	
216896	<2	7	6	<1	<50	
216897	<2	11	7	<1	<50	
216898	<2	<3	3	<1	<50	
216899	<2	<3	4	<1	<50	
216900	<2	11	6	<1	<50	
216901	<2	15	7	<1	<50	
216902	<2	6	7	<1	<50	
216903	<2	4	5	<1	<50	
216904	<2	6	8	<1	<50	
216905	<2	6	10	<1	<50	
216906	5	71	13	<1	<50	
216907	<2	7	4	<1	<50	
216908	6	3	2	<1	<50	
216909	4	7	3	<1	<50	
216910	8	23	7	<1	<50	
216911	<2	4	3	<1	<50	
216912	<2	5	2	<1	<50	
216913	5	3	2	<1	<50	
Method	A102	A102	A102	A102	A102	
Units	ppm	ppm	ppm	ppm	ppm	
Detection Limit	2	3	2	1	50	

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

608150

ANALABS

Our reference : BU016690
Your reference : 114173
Project code : Con-note 8903052781
Report date : 25/08/99
Report status : Final
Page : 4 of 4

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Cu	Pb	Zn	Ag	As
216914	<2	<3	<2	<1	<50
216915	<2	<3	<2	<1	<50
216916	<2	<3	<2	<1	<50
216917	<2	4	<2	<1	<50
216918	2	8	4	<1	<50
216919	<2	<3	<2	<1	<50
216920	<2	3	6	<1	<50
216921	2	3	8	<1	<50
216922	2	4	<2	<1	<50
216923	3	17	3	<1	<50
216924	6	14	8	<1	<50
216925	3	10	5	<1	<50
216926	4	10	3	<1	<50
216927	<2	4	<2	<1	<50
216928	<2	20	4	<1	<50
216929	5	392	20	<1	<50
216930	<2	30	2	<1	<50
216931	<2	4	<2	<1	<50
216932	<2	<3	<2	<1	<50
216933	<2	<3	<2	<1	<50
216934	4	70	8	<1	<50
216935	<2	16	3	<1	<50
216936	<2	<3	<2	<1	<50
216937	<2	3	2	<1	<50
216938	<2	<3	<2	<1	<50
216939	4	<3	3	<1	<50
216940	14	3	6	<1	<50
216941	3	4	2	<1	<50
216942	<2	<3	<2	<1	<50
216943	2	<3	2	<1	<50
216944	<2	<3	<2	<1	<50
216945	<2	<3	<2	<1	<50
216946	<2	3	<2	<1	<50
216947	<2	<3	<2	<1	<50
216948	<2	<3	<2	<1	<50
216949	<2	<3	<2	<1	<50
216950	<2	<3	<2	<1	<50
216951	>5000	22	99	12	<50
216952	3	<3	<2	<1	<50
Method	A102	A102	A102	A102	A102
Units	ppm	ppm	ppm	ppm	ppm
Detection Limit	2	3	2	1	50

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

608151

ANALABS

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

Our reference : BU014974
Your reference : **WX2A072698**
Project code : Rock
Date received : 04/08/98
Date reported : 19/08/98

Grant McDonald
Geologist
Geology
Beaconsfield Mine Joint Venture
P.O.Box 58
BEACONSFIELD

TAS 7270

Number of pages of results : 6
Number of Samples : 37
First Sample : 213621
Last Sample : 213577

Invoice to:
Grant McDonald
Geologist
Geology
Beaconsfield Mine Joint Venture
P.O.Box 58
BEACONSFIELD

TAS 7270

Electronic Data Transmission :
Modem Y 19/08/98
Facsimile / /
Disk Report / /

Preliminary Reports :
17/08/98 Report

Results to:

Results to:

Remarks :

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.

608152

ANALABS

ANALYSIS DESCRIPTION

Job number : BU014974 Order number : WX2A072698

Scheme code : S002 - Drying

Sample preparation. Drying.

Scheme code : S005 - Jaw Crushing to nominal 6mm to 12mm

Sample preparation. Jaw crushing to nominal 6mm to 12mm.

Scheme code : S020 - Dry, Ringmill <500g

Sample preparation. Dry, Ringmill. < 500g.

Scheme code : G104 - Total acid digest, Geochemical samples

Total acid digest, (HF,HCl,HNO3,HClO4), Geochemical samples.

Scheme code : M104 - ICP-MS analysis, Base metals

ICP-MS analysis of sample after G104 digest, Base metals.

Scheme code : X401 - Pressed powder, XRF, Trace determination

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Pressed powder, XRF, Trace determination.

Scheme code : A104 - AAS analysis

AAS analysis of sample after G104 digest.

Scheme code : X408 - Glass fusion, XRF, Silicate rock analysis

---

Glass fusion, XRF, Silicate rock analysis

ANALYSIS DESCRIPTION

608153

ANALABS

Our reference : BU014974
Your reference : **WX2A072698**
Project code : Rock
Report date : 19/08/98
Report status : Final
Page : 1 of 6

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

ANALYTICAL DATA

Sample	La	Ce	Pr	Nd	Sm	Eu
213621	37.54	80.96	9.32	34.5	6.3	1.37
213622	33.60	69.37	7.87	29.5	5.6	1.09
213623	37.10	77.75	8.84	32.7	5.7	1.19
213624	45.56	106.43	11.48	47.3	10.5	2.30
213625	30.97	63.02	6.91	25.6	4.7	0.90
213626	32.43	66.67	7.49	28.1	5.2	1.01
213627	30.13	65.77	7.61	28.4	5.0	1.06
213628	8.15	19.97	2.44	9.7	1.9	1.00
213629	22.30	50.06	5.63	21.0	3.9	0.85
213630	43.45	90.69	10.26	37.6	6.6	1.17
213631	40.10	84.62	9.44	35.3	6.3	1.99
213632	36.52	78.23	8.78	33.0	6.1	1.15
213633	35.64	75.67	8.49	31.6	5.8	1.20
213634	39.64	82.05	9.13	33.9	6.1	1.50
213635	42.44	90.45	9.71	36.6	6.9	1.52
213636	46.51	99.21	10.50	39.4	7.4	2.18
213637	56.54	116.11	12.43	45.1	8.0	1.64
213638	17.92	43.81	5.24	20.7	4.1	0.91
213639	19.89	45.01	5.36	20.9	4.1	0.88
213640	48.24	74.97	9.17	32.3	4.9	0.94
213641	44.90	77.66	9.70	36.0	6.2	1.22
213642	38.42	80.67	8.84	32.6	5.9	1.95
213493	1.68	3.07	0.36	1.5	0.3	0.09
213494	2.89	5.01	0.59	2.3	0.5	0.11
213523	39.59	85.00	9.31	34.6	6.2	1.20
213525	43.04	85.97	9.75	36.2	6.2	1.34
213527	39.78	79.34	9.03	33.7	6.2	1.27
213528	36.08	73.44	8.54	32.0	5.7	1.10
213530	37.05	81.51	9.18	34.5	6.3	1.25
213531	38.98	84.11	9.43	35.8	6.4	1.26
213532	5.63	12.06	1.31	4.9	0.9	0.19
213539	2.50	3.98	0.51	2.2	0.5	0.10
213566	4.20	9.21	0.99	3.7	0.7	0.16
213567	1.50	3.02	0.33	1.3	0.3	0.07
213571	48.30	98.83	10.96	40.3	7.2	1.50
213574	46.69	97.03	10.73	40.1	7.4	1.51
213577	43.70	87.30	9.43	33.9	5.7	1.60
Method	M104	M104	M104	M104	M104	M104
Units	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.05	0.05	0.05	0.1	0.1	0.05

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

608154

ANALABS

Our reference : BU014974
Your reference : **WX2A072698**
Project code : Rock
Report date : 19/08/98
Report status : Final
Page : 2 of 6

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

ANALYTICAL DATA

Sample	Gd	Dy	Er	Yb	Ga	Th
213621	4.9	4.1	2.3	2.4	27.6	18.24
213622	4.7	3.9	2.1	2.0	14.6	14.22
213623	4.2	3.6	1.9	2.0	28.1	19.39
213624	10.0	6.9	3.2	3.0	22.1	15.17
213625	4.0	3.1	1.7	1.6	12.1	12.58
213626	4.1	3.4	1.7	1.7	12.3	12.69
213627	3.6	3.2	1.7	1.8	27.6	17.16
213628	1.9	2.0	1.3	1.4	23.8	10.46
213629	3.2	3.0	1.6	1.7	15.0	12.46
213630	4.5	3.4	1.6	1.7	13.6	16.48
213631	4.8	4.4	2.2	2.4	25.3	18.83
213632	4.1	3.6	1.8	2.2	20.2	13.18
213633	4.1	3.7	1.9	2.2	19.9	12.88
213634	4.8	4.3	2.2	2.3	22.2	16.25
213635	5.9	5.4	2.8	2.6	16.9	13.63
213636	6.1	5.1	2.5	2.0	23.5	18.60
213637	5.9	4.7	2.1	2.1	14.8	16.33
213638	3.4	3.0	1.7	2.0	21.5	8.79
213639	3.3	2.9	1.7	2.0	20.5	8.46
213640	3.3	2.6	1.3	1.6	5.7	12.45
213641	4.7	3.8	1.6	1.5	5.3	11.14
213642	4.7	4.0	2.2	2.2	23.6	18.07
213493	0.4	0.4	0.3	0.2	<0.5	0.39
213494	0.5	0.5	0.3	0.3	1.1	0.68
213523	4.3	2.9	1.6	1.9	20.2	14.36
213525	5.1	4.3	2.4	2.5	22.9	16.83
213527	5.1	4.1	2.2	2.2	20.4	17.35
213528	4.9	4.1	2.2	2.4	18.1	12.85
213530	4.3	3.0	1.6	2.0	21.0	13.39
213531	4.2	3.1	1.5	2.0	23.9	14.82
213532	0.8	0.8	0.5	0.4	2.5	1.98
213539	0.5	0.5	0.3	0.3	<0.5	0.60
213566	0.7	0.7	0.4	0.3	1.4	1.24
213567	0.2	0.2	0.1	0.1	0.6	0.43
213571	5.6	4.5	2.3	2.4	24.3	19.21
213574	5.9	5.1	2.6	2.7	25.2	18.62
213577	4.3	3.6	2.0	2.2	23.0	17.79
Method	M104	M104	M104	M104	M104	M104
Units	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.1	0.1	0.5	0.05

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

608155

ANALABS

Our reference : BU014974
Your reference : **WX2A072698**
Project code : Rock
Report date : 19/08/98
Report status : Final
Page : 3 of 6

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

ANALYTICAL DATA

Sample	P	Ti	Zr	V	Nb	Rb
213621	105	4079	212	130	16	235
213622	456	3100	273	60	11	99
213623	399	4080	151	131	18	227
213624	564	3649	180	141	15	176
213625	439	2662	318	74	9	85
213626	478	2708	341	61	14	87
213627	282	4092	156	117	15	238
213628	61	4063	188	142	17	200
213629	343	3140	218	68	12	117
213630	192	3302	408	64	13	98
213631	77	4187	218	106	20	206
213632	258	2932	181	87	14	176
213633	258	3027	168	86	11	171
213634	302	3942	191	107	17	213
213635	519	3377	167	111	13	150
213636	55	4493	221	119	21	185
213637	105	3639	311	76	15	129
213638	250	4505	205	133	18	159
213639	262	3933	177	118	15	141
213640	1640	2586	705	34	10	48
213641	413	2204	365	30	9	46
213642	178	4197	208	117	18	205
213493	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
213494	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
213523	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
213525	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
213527	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
213528	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
213530	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
213531	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
213532	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
213539	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
213566	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
213567	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
213571	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
213574	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
213577	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Method	X401	X401	X401	X401	X401	X401
Units	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	30	100	5	5	3	5

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

608156

ANALABS

Our reference : BU014974
Your reference : **WX2A072698**
Project code : Rock
Report date : 19/08/98
Report status : Final
Page : 4 of 6

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

ANALYTICAL DATA

Sample	Tb	Ho	Tm	Lu	Sc	P
213621	0.67	0.82	0.36	0.4	14	N.A.
213622	0.65	0.75	0.32	0.3	8	N.A.
213623	0.58	0.69	0.30	0.3	14	N.A.
213624	1.30	1.21	0.46	0.5	12	N.A.
213625	0.53	0.60	0.25	0.3	6	N.A.
213626	0.52	0.65	0.27	0.3	6	N.A.
213627	0.49	0.61	0.26	0.3	12	N.A.
213628	0.32	0.41	0.20	0.2	12	N.A.
213629	0.47	0.58	0.25	0.3	6	N.A.
213630	0.52	0.63	0.27	0.3	6	N.A.
213631	0.61	0.83	0.35	0.4	10	N.A.
213632	0.47	0.71	0.32	0.4	12	N.A.
213633	0.48	0.70	0.32	0.4	12	N.A.
213634	0.59	0.84	0.35	0.4	10	N.A.
213635	0.79	1.05	0.42	0.4	8	N.A.
213636	0.79	0.96	0.39	0.4	12	N.A.
213637	0.72	0.85	0.33	0.3	6	N.A.
213638	0.45	0.57	0.29	0.3	10	N.A.
213639	0.43	0.57	0.28	0.3	10	N.A.
213640	0.35	0.48	0.22	0.3	4	N.A.
213641	0.59	0.65	0.24	0.2	2	N.A.
213642	0.63	0.77	0.33	0.4	10	N.A.
213493	0.06	0.08	<0.05	<0.1	<2	0.018
213494	0.08	0.11	<0.05	<0.1	<2	0.006
213523	0.48	0.57	0.27	0.3	12	0.043
213525	0.67	0.85	0.37	0.4	12	0.044
213527	0.68	0.78	0.33	0.4	10	0.048
213528	0.65	0.80	0.34	0.4	10	0.064
213530	0.46	0.58	0.28	0.3	12	0.045
213531	0.44	0.58	0.28	0.3	12	0.042
213532	0.12	0.16	0.07	<0.1	2	0.020
213539	0.08	0.12	<0.05	<0.1	<2	0.010
213566	0.10	0.14	0.06	<0.1	<2	0.019
213567	<0.05	<0.05	<0.05	<0.1	<2	0.014
213571	0.69	0.85	0.36	0.4	12	0.063
213574	0.80	0.97	0.40	0.4	12	0.049
213577	0.53	0.70	0.32	0.4	10	0.022
Method	M104	M104	M104	M104	M104	X408
Units	ppm	ppm	ppm	ppm	ppm	%
Detection Limit	0.05	0.05	0.05	0.1	2	0.005

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

608157

A N A L A B S

Our reference : BU014974
Your reference : **WX2A072698**
Project code : Rock
Report date : 19/08/98
Report status : Final
Page : 5 of 6

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

ANALYTICAL DATA

Sample	Y	Ba	Sr	Sn	Cr	
213621	38	1631	21	6	78	
213622	33	383	21	7	77	
213623	26	739	19	7	107	
213624	74	1539	46	7	101	
213625	21	548	29	4	66	
213626	25	340	21	6	126	
213627	25	762	19	9	101	
213628	28	4132	14	6	93	
213629	24	881	14	7	90	
213630	28	381	24	7	111	
213631	33	4965	26	4	79	
213632	28	864	48	5	107	
213633	28	690	44	10	118	
213634	34	2114	24	5	91	
213635	32	1235	16	6	84	
213636	37	4309	18	4	96	
213637	34	887	24	4	74	
213638	34	469	16	6	169	
213639	28	464	12	6	120	
213640	32	262	64	4	475	
213641	29	238	36	3	76	
213642	32	5216	26	5	81	
213493	N.A.	N.A.	N.A.	N.A.	N.A.	
213494	N.A.	N.A.	N.A.	N.A.	N.A.	
213523	N.A.	N.A.	N.A.	N.A.	N.A.	
213525	N.A.	N.A.	N.A.	N.A.	N.A.	
213527	N.A.	N.A.	N.A.	N.A.	N.A.	
213528	N.A.	N.A.	N.A.	N.A.	N.A.	
213530	N.A.	N.A.	N.A.	N.A.	N.A.	
213531	N.A.	N.A.	N.A.	N.A.	N.A.	
213532	N.A.	N.A.	N.A.	N.A.	N.A.	
213539	N.A.	N.A.	N.A.	N.A.	N.A.	
213566	N.A.	N.A.	N.A.	N.A.	N.A.	
213567	N.A.	N.A.	N.A.	N.A.	N.A.	
213571	N.A.	N.A.	N.A.	N.A.	N.A.	
213574	N.A.	N.A.	N.A.	N.A.	N.A.	
213577	N.A.	N.A.	N.A.	N.A.	N.A.	
Method	X401	X401	X401	X401	X401	
Units	ppm	ppm	ppm	ppm	ppm	
Detection Limit	3	10	5	3	5	

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

608158

ANALABS

Our reference : BU014974
Your reference : **WX2A072698**
Project code : Rock
Report date : 19/08/98
Report status : Final
Page : 6 of 6

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

ANALYTICAL DATA

Sample	Ni	Co				
213621	32	13				
213622	32	9				
213623	38	5				
213624	24	22				
213625	34	6				
213626	29	6				
213627	10	<5				
213628	27	<5				
213629	26	10				
213630	26	10				
213631	13	9				
213632	105	17				
213633	120	27				
213634	65	15				
213635	53	8				
213636	15	16				
213637	16	13				
213638	173	36				
213639	115	20				
213640	8	8				
213641	8	10				
213642	55	18				
213493	N.A.	N.A.				
213494	N.A.	N.A.				
213523	N.A.	N.A.				
213525	N.A.	N.A.				
213527	N.A.	N.A.				
213528	N.A.	N.A.				
213530	N.A.	N.A.				
213531	N.A.	N.A.				
213532	N.A.	N.A.				
213539	N.A.	N.A.				
213566	N.A.	N.A.				
213567	N.A.	N.A.				
213571	N.A.	N.A.				
213574	N.A.	N.A.				
213577	N.A.	N.A.				
Method	A104	A104				
Units	ppm	ppm				
Detection Limit	5	5				

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

608159

ANALABS

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

Our reference : BU016465
Your reference : **114168**
Project code : 9912148859
Date received : 17/06/99
Date reported : 30/06/99

Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Number of pages of results : 3
Number of Samples : 38
First Sample : 213638
Last Sample : 216172

Invoice to:
Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Electronic Data Transmission :
Modem Y 30/06/99
Facsimile / /
Disk Report Y / /

Preliminary Reports :
25/06/99 Report

Results to:

Results to:

Remarks :

Authorised by .....
On ~~behalf of~~:

Rob Chapman
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.

608160

ANALABS

Our reference : BU016465
Your reference : 114168
Project code : 9912148859
Report date : 30/06/99
Report status : Final
Page : 1 of 3

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Ti	Zr	V	Nb	Rb	Y
213638	4560	209	141	17	153	35
213639	4040	185	121	15	143	31
216105	2160	233	87	11	59	83
216108	2040	618	21	10	27	126
216119	1700	219	22	7	36	44
216120	2630	240	47	10	83	34
216139	4360	134	169	13	122	21
216141	320	12	15	<3	7	4
216143	7520	151	220	16	120	17
216144	5720	119	149	8	95	21
216145	4310	227	152	17	227	36
216146	4320	216	145	19	244	35
216147	4380	145	171	18	248	34
216148	3990	158	105	16	208	31
216149	3930	141	104	17	205	34
216150	4180	194	114	16	183	29
216151	4400	197	118	18	233	32
216152	4270	184	127	18	210	31
216153	4210	198	117	15	213	26
216154	4230	152	133	17	231	30
216155	4000	159	106	14	195	32
216156	4200	175	120	17	202	33
216157	3530	206	80	12	141	27
216158	4060	290	86	15	149	37
216159	3990	223	92	16	157	34
216160	4460	190	157	15	158	31
216161	4390	197	137	16	149	29
216162	3800	145	214	13	97	22
216163	3790	269	100	11	45	22
216164	4400	413	110	14	52	30
216165	2750	447	66	10	88	19
216166	2880	505	63	10	83	23
216167	1040	98	24	<3	20	10
216168	1590	198	34	5	16	8
216169	4070	169	110	16	194	31
216170	3500	283	74	11	96	30
216171	690	64	14	<3	11	10
216172	3820	305	85	14	117	36
Method	X401	X401	X401	X401	X401	X401
Units	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	100	5	5	3	5	3

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

608161

ANALABS

Our reference : BU016465
Your reference : 114168
Project code : 9912148859
Report date : 30/06/99
Report status : Final
Page : 2 of 3

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Ba	Sr	Sn	P	Cr	Ni
213638	440	14	3	385	181	151
213639	450	12	7	350	123	112
216105	440	153	5	3200	97	24
216108	185	172	3	>1.00%	421	10
216119	310	122	<3	2950	60	<5
216120	445	58	5	1850	169	9
216139	485	15	3	105	99	<5
216141	54	<5	<3	54	192	<5
216143	570	16	4	56	199	5
216144	430	<5	3	52	186	5
216145	1180	29	7	385	99	65
216146	1630	22	6	190	85	19
216147	1260	22	8	835	107	27
216148	580	23	7	84	89	14
216149	570	18	5	100	85	14
216150	580	17	7	425	92	31
216151	4190	32	6	66	87	11
216152	675	21	7	395	93	18
216153	710	17	8	420	102	12
216154	945	21	6	475	100	33
216155	600	18	6	76	87	11
216156	600	15	8	135	102	13
216157	530	454	5	520	71	31
216158	680	20	6	450	81	35
216159	720	25	4	420	77	36
216160	460	9	7	270	192	148
216161	430	12	6	320	158	144
216162	530	9	6	610	147	100
216163	195	9	6	540	691	144
216164	210	10	4	485	1390	155
216165	800	15	3	98	73	6
216166	790	20	<3	82	205	5
216167	57	5	<3	86	129	43
216168	32	<5	<3	32	332	10
216169	610	17	6	50	88	10
216170	205	15	3	315	77	100
216171	55	6	<3	220	412	29
216172	235	11	7	365	191	20
Method	X401	X401	X401	X401	X401	A104
Units	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	10	5	3	30	5	5
Upper Method				X408		

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

608162

ANALABS

Our reference : BU016465
Your reference : 114168
Project code : 9912148859
Report date : 30/06/99
Report status : Final
Page : 3 of 3

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Co	P				
213638	24	--				
213639	18	--				
216105	<5	--				
216108	5	1.244				
216119	<5	--				
216120	<5	--				
216139	<5	--				
216141	<5	--				
216143	<5	--				
216144	<5	--				
216145	8	--				
216146	<5	--				
216147	7	--				
216148	<5	--				
216149	<5	--				
216150	9	--				
216151	<5	--				
216152	5	--				
216153	<5	--				
216154	7	--				
216155	5	--				
216156	6	--				
216157	12	--				
216158	11	--				
216159	14	--				
216160	22	--				
216161	21	--				
216162	49	--				
216163	22	--				
216164	18	--				
216165	<5	--				
216166	<5	--				
216167	<5	--				
216168	<5	--				
216169	6	--				
216170	9	--				
216171	10	--				
216172	5	--				
Method	A104	X408				
Units	ppm	%				
Detection Limit	5	0.005				

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

608163

A N A L A B S

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

Our reference : BU016646
Your reference :
Project code : Pulps
Date received : 03/08/99
Date reported : 17/08/99

Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Number of pages of results : 1
Number of Samples : 45
First Sample : 213485
Last Sample : 213578

Invoice to:
Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Electronic Data Transmission :
Modem Y 17/08/99
Facsimile / /
Disk Report Y / /

Preliminary Reports :
12/08/99 Report

Results to:

Results to:

Remarks :

Authorised by .....
On behalf of:

Rob Chapman
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.

608164

ANALABS

Our reference : BU016646
Your reference :
Project code : Pulps
Report date : 17/08/99
Report status : Final
Page : 1 of 1

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	P					
213485	220					
213488	390					
213489	310					
213495	400					
213496	490					
213497	380					
213498	340					
213499	190					
213503	315					
213504	420					
213505	305					
213506	415					
213507	345					
213508	390					
213509	390					
213510	275					
213511	160					
213516	185					
213526	215					
213527	290					
213528	485					
213529	445					
213536	260					
213540	290					
213541	425					
213542	285					
213543	325					
213544	540					
213545	280					
213546	385					
213547	325					
213548	370					
213556	105					
213558	145					
213559	570					
213560	425					
213561	370					
213562	300					
213563	355					
213564	375					
213568	435					
213572	365					
213573	400					
213576	440					
213578	360					
Method	X401					
Units	ppm					
Detection Limit	30					

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

608165

A N A L A B S

Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St, Bornie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

Our reference : BU016873
Your reference : 114174
Project code : Rocks
Date received : 16/09/99
Date reported : 22/09/99

Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Number of pages of results : 1
Number of Samples : 32
First Sample : 216988
Last Sample : 217019

Invoice to:
Grant MacDonald

Beaconsfield Mine Joint Venture
PO Box 58
BEACONSFIELD

TAS 7270

Electronic Data Transmission :
Modem Y 22/09/99
Facsimile / /
Disk Report Y / /

Preliminary Reports :
21/09/99 Report

Results to:

Results to:

Remarks :

Authorised by .....
On behalf of:

Rob Chapman
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.

FROM : ANALABS BURNIE PHONE NO. : 03 64318890 Sep. 29 1999 04:54PM P1

608166

ANALABS

Our reference : BU016873
Your reference : 114174
Project code : Rocks
Report date : 22/09/99
Report status : Final
Page : 1 of 1

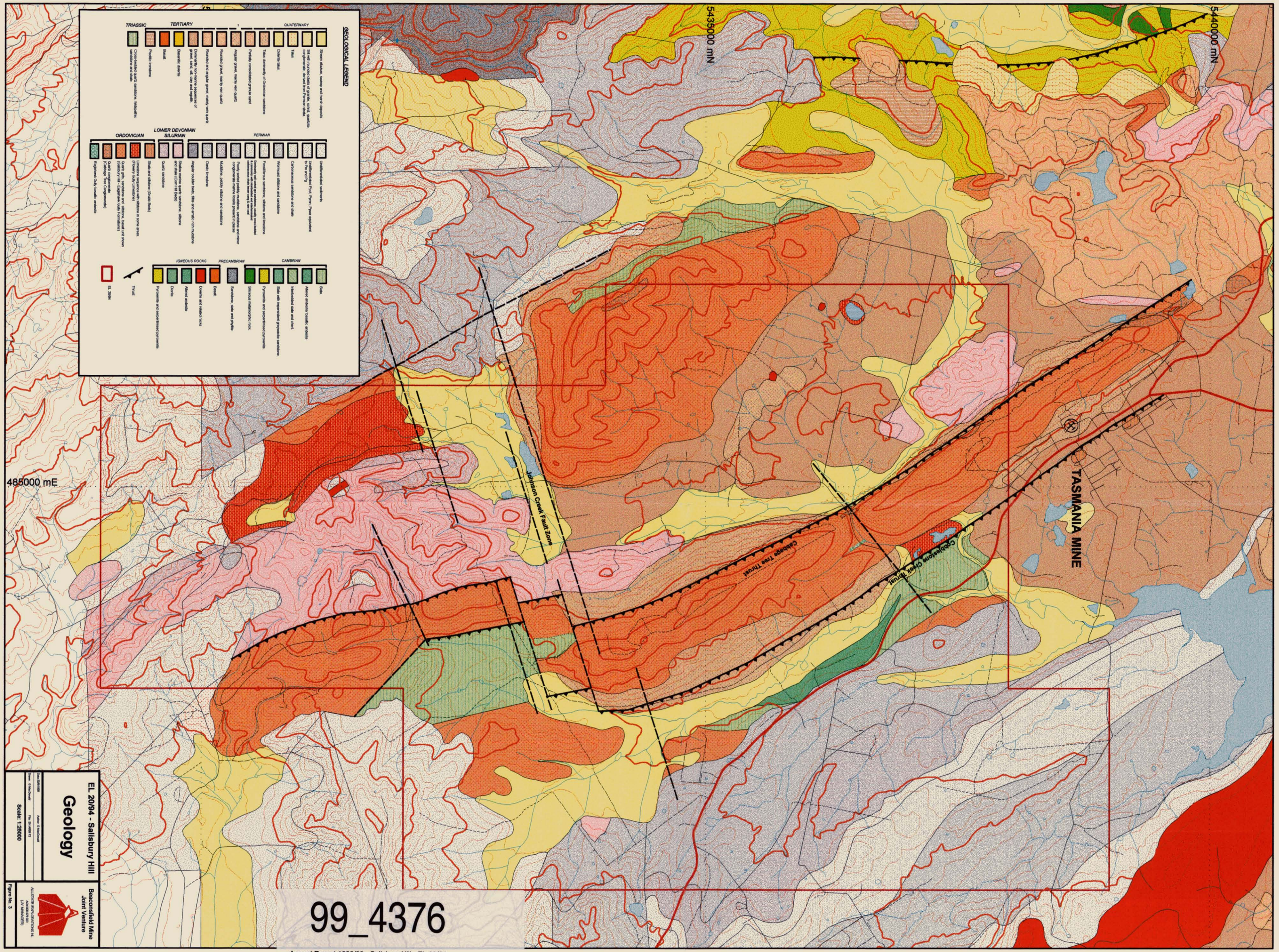
Analabs Pty. Ltd.
ACN 004 591 664
14 Thirkell St. Burnie
Tasmania 7320
Telephone : (03) 6431 6837
Facsimile : (03) 6431 8890

ANALYTICAL DATA

Sample	Au	Au(R)	Cu	Pb	Zn	As
216988	<1	--	3	4	2	<50
216989	<1	--	40	[illegible]	27	<50
216990	<1	--	328	[illegible]	218	<50
216991	<1	--	167	5	143	<50
216992	<1	--	251	6	174	<50
216993	<1	--	9	<3	2	<50
216994	<1	--	4	<3	2	<50
216995	<1	--	9	<3	<2	<50
216996	<1	--	7	3	2	<50
216997	<1	<1	7	<3	2	<50
216998	<1	--	82	4	2	<50
216999	<1	<1	14	<3	2	<50
217000	<1	--	17	18	56	<50
217001	<1	--	12	<3	2	<50
217002	<1	--	3	<3	<2	<50
217003	<1	--	71	24	17	<50
217004	<1	<1	10	10	10	95
217005	<1	--	9	21	45	<50
217006	<1	--	2	<3	3	<50
217007	<1	--	5	<3	7	<50
217008	<1	--	11	4	2	<50
217009	<1	--	11	<3	7	<50
217010	<1	--	6	3	<2	<50
217011	<1	<1	9	8	<2	<50
217012	<1	--	3	<3	<2	<50
217013	<1	--	7	32	<2	<50
217014	<1	--	4	[illegible]	<2	<50
217015	<1	--	6	[illegible]	<2	<50
217016	12	13	35	49	220	190
217017	4	4	16	40	102	145
217018	12	18	31	188	464	160
217019	<1	<1	7	8	12	<50
Method	F614	F614	A102	A102	A102	A102
Units	ppb	ppb	ppm	ppm	ppm	ppm
Detection Limit	1	1	2	3	2	50

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

FROM : ANALABS BURNIE PHONE NO. : 03 64318890 Sep. 29 1999 04:55PM P2



99_4376

Annual Report 1998/99 - Salisbury Hill - EL 20/94

Allstate Explorations NL*
Macdonald, G. EL20/94

608167

LEGEND

Mapping and sampling

- Float
- Outcrop
- Quartz 'blows'
- (216088) <1, 3, <1, 3, <3, 4 — 1998/99 gold etc. sample (sample no.) Au ppb, As ppm, Cu ppm, Pb ppm, Zn ppm
- 213625 — 1997/98 trace element lithogeochemistry sample
- 216151 — 1998/99 trace element lithogeochemistry sample
- 19000mN / 17400mN — Gridline showing grid easting and northing

Geology - float, outcrop and interpreted

- Quaternary - alluvium
- Quaternary - talus
- Tertiary - gravels, sands and silts
- Jurassic dolerite
- Permian - undifferentiated sediments
- Ordovician - Devonian Corn Hill Beds, shales, siltstones and sandstones
- Ordovician - Devonian Corn Hill Beds, quartz sandstone at/near base
- Ordovician - Flowery Gully Limestone
- Ordovician - Eaglehawk Gully Formation
- Ordovician - Salisbury Hill Formation
- Cambrian - Blyth's Creek Formation, siltstones, sandstones and polymict conglomerate
- Cambrian - Blyth's Creek Formation, basaltic andesite, diorite and associated mafic volcanics

Geology - from soil chip logs

- unknown
- alluvium
- Tertiary gravels
- Permian lag - siliceous pebbles generally in clays
- Permian in-situ
- Corn Hill Beds siltstones and shales
- Corn Hill Beds quartzwacke sandstones
- Corn Hill Beds quartz sandstone
- Ordovician sandstones and occasionally grits in scree cover
- Ordovician sandstones and occasionally grits - in-situ

Cabbage Tree Thrust

Cobblestone Creek Thrust

Johnson Creek Fault Zone

South Sheet

Detail on figure 19

Detail on figure 6 in MacDonald (1998)

5438000 mN
5437000 mN
5436000 mN
5435000 mN
5434000 mN
5433000 mN
483000 mE
484000 mE
485000 mE

19800mN
19700mN
19600mN
19500mN
19400mN
19300mN
19200mN
19100mN
19000mN
18900mN
18800mN
18700mN
18600mN
18500mN
18400mN
18300mN
18200mN
18100mN
18000mN
17900mN
17800mN
17700mN
17600mN
17500mN
17400mN
17300mN
17200mN
17100mN
17000mN
16900mN
16800mN
16700mN
16600mN
16500mN
16400mN
16300mN
16200mN
16100mN
16000mN
15900mN
15800mN
15700mN
15600mN
15500mN
15400mN
15300mN
15200mN
15100mN
15000mN
14900mN
14800mN
14700mN
14600mN
14500mN
14400mN
14300mN
14200mN
14100mN
14000mN

(217014) <1, <50, -, 4, 3, <2
(217015) <1, <50, -, 6, 3, <2
fol slt/sh w ab qtz
fol slt/sh and sst w mn qtz
(217011) <1, <50, -, 9, 8, <2
fol slt/sh and sst w mn qtz
(217013) <1, <50, -, 7, 32, <2
sc fol slt/sh and sst w mn qtz
(217012) <1, <50, -, 3, <3, <2
sc fol slt/sh and sst w mn qtz
213622
213626
Dark greenish grey micaceous quartzwacke sandstone and interbedded siltstones

ocl ft/scree qtz sst mcr cg or grit
large ft qtz sst not cg or grit
(216790) <1, 1, <1, <2, <3, 3
ft of cg sst & grit w sin as vng and pervasive fine grained Cr staining
(216791) <1, <1, <1, <2, <3, 2
blow of qtz grit w silicification
(216789) <1, <1, <1, <2, 3, 4
sm grit to "blows" w my/sy sin
(216788) <1, <1, <1, 2, <3, 2
(216787) <1, <1, <1, 3, <3, 29
Grit/cr sandstone with Cr staining
213636 check
213636
Foliated shale
213639 check
213639
Polymict conglomerate interbedded with siltstone
213638
213577
Polymict conglomerate
Siltstone
Interbedded siltstone and polymict conglomerate
no ft
lge grit ocly ferrug mc t w Cr
neg ft no qtz sandy gy soil
mn qtz sst w mn qtz
(216785) 7, <1, <1, 8, 3, 16
(216786) <1, <1, <1, 4, <3, 14
lmc qtz and qtz sst in small mullock heap below pit
Limestone
Limestone
Limestone
Limestone collapsing into sink hole
(217007) <1, <50, -, 5, <3, 7
(217010) <1, <50, -, 6, 3, <2
(217009) <1, <50, -, 3, <3, 3
(217004) <1, 95, -, 10, 10, 10
(217005) <1, <50, -, 9, 21, 45
(217008) <1, <50,
Interbedded siltstone and sandstone
Interbedded siltstone and sandstone
Quartzose sandstone and grits
mn qtz sst w mn qtz
mn fol slt w mn qtz
213549
Basaltic ande
Tan bedded siltstones and sandstones
213402
Green basaltic andesite derived sandstone
213420
213426
Basaltic andesite coherent and peperitic
Siltstone
Finer bedded sandstones and siltstones
Sandstones
Sandstones and pebble bed
Dark grey grits and sandstones
Dark grey grits and sandstones
Conglomerate
Grits, minor pebbly conglomerate and sandstone
Pale grey clay after shale
Weathered sandstone ?
c, breccio-conglomerate

calcite reprecipitation
scattered outcrop fresh dolerite
scattered outcrop fresh dolerite

mn sst ld and 2 clv neg qtz
gy sandy soil neg ft no qtz
gentle slope neg ft gy sandy soil
sst ld or msv mn qtz
(216799) <1, 55, <1, 32, 50, 53
ab sst 2 clv tc qtz
swampy no ft
ocl sst ld and 2 clv mn qtz
ab ft sst and ab qtz ft
ocl sst ft
(216800) ?, 95, <1, 5, <3, 2
(216798) <1, 1, <1, 3, 15, 3
swampy on rocks
ocl sst 2 clv also
ocl ft sst tc qtz tc/neg qtz
mn sc sst 2 clv no qtz
ocl sst neg qtz
ab sst inc 2 clv mn qtz
ocl ft sst neg qtz prob scree
(216798) <1, 3, <1, 15, 3, 1328
ab sst mn qtz
abundant qtz sst almost sc inc ld sst tc qtz
ocl qtz sst tc qtz
ocl sst ft no qtz
ocl to ab sst
ab sst neg qtz ld and clvd
v ocl qtz sst no qtz
no ft
ocl ft sst mn q
ab qtz sst almost sc
wed qtz sst
ab sst ft neg qtz
wed sst
poss in situ sst
ab ft (sc) msv sst inc some ferrug neg qtz
(216801) <1, <1, <1, 2, 3, 3
ocl qtz sst ft w no qtz
ocl sst ft tc qtz
dk ywish org cy aft sst poss al in situ
(216794) <1, <1, <1, 5, <3, <2
dk ywish org cy w large blocks sst
ab/ocl sst tc qtz
common qtz sst no qtz
ocl sst 2 clv tc/mn qtz
org cy and blocks loose sst
(216805) <1, 2, <1, 6, 15, 4
qtz sst ?
(216137) <1, <1, <1, <2, <3, 4
neg ft gy sandy soil
dk ywish org cy poss aft in situ sst in parts
(216136) <1, <1, <1, 3, 4, 13
poss oc or slump block sst
v ocl sst ft
dk ywish org cy w oct blocks sst scree
ab 2 clv sst neg qtz
ocl sst 2 clv tc/mn qtz
fg qtz sst
my common ft qtz sst neg qtz
v ocl sst ft no qtz
dk ywish org cy
ocl sst ft no qtz
ab sst 2 clv some sheeted qtz vng but neg
ab 2 clv sst tc qtz
(216793) <1, 2, <1, 15, 39, 28
sst (mn slt/sh) p gn gy colour
ocl sst no qtz
ab 2 clv set tc qtz
sst 2 clv
sst
(216801) <1, 2, <3, 2, 56, 3
ssn
dk ywish org cy and ocl hard sst oc
(216134) 4, <1, <1, 3, 24, 21
(216133) 6, 2, <1, 2, 52, 7
sst 2 clv's
sst 2 clv's
variably msv and lesser lensoidal but also msv sst
ab sst 2 clv tc qtz
ocl/ab sst ft 2 clv lesser ld but negligible qtz
(216130) <1, <1, <1, <2, 7, 7
(216129) 2, <1, 2, 4, 7, 38
ab sst 2 clv neg qtz
ab qtz sst tc qtz
ab sst 2 clv minor qtz
dk ywish org wed sst mod fol ld sst
(216829) <1, <1, <1, <2, 5, 3
(216132) 10, 3, <1, 4, 8, 6
ocl sst mn grit no cong to qtz
ocl oc sst beneath clay
(216131) <1, <1, <1, 2, 9, 35
(216808) <1, 29, <1, 17, 16, 51
ab sst ft no qtz
ab sst 2 clv lesser ld
qtz sst 2 clv
ocl sst tc qtz 2 clvs
ab-sst 2 clv tc/qtz
ocl qtz sst neg qtz
v wed sst but oc
(216135) 6, <1, <1, 2, 13, 15
v wed sst
cy w v wed sst so scree
ab 2 clv
ab 2 clv sst minor qtz
(216822) <1, 11, <1, 17, 49, 15
ocl sst 2 clv no qtz
qtz sst 2 clv
ocl sst no grit no cong neg qtz
sst w mn small frags bucky qtz
red bn soil and loose blocks sst - scree
mn loose sst ft
sst
sst mn grit/cong
trace/minor sst, no qtz
oct sst tc qtz
ab 2 clv sst tc qtz
ocl sst ft neg qtz
ocl sst 2 clv
ft inc ocl grit and v mn cong neg qtz
ocl/ab cg sst grit mn cong tc/mn qtz
series of small trenches running steplike downhill
(216809) <1, 17, <1, 7, 36, 280
(216810) <1, 33, <1, 34, 92, 43
(216811) <1, 18, <1, 35, 218, 95
(216807) <1, 280, <1, 138, 171, 56
ab sst tc/mn qtz tension vns
ab sst in oc tc/mn qtz
ab sst also fest in ft and shedding from trenches
ab sst 2 clv
ab qtz sst 2 clv but negligible qtz
mn loose sst ft
(216827) <1, <1, <1, <1, <3, 3
(216816) <1, <1, <1, 17, 3, 5
(216817) <1, 1, <1, 3, <3, 19
qtz sst w mn qtz as tightly folded tension vns
ab sst tc grit mn qtz
mn qtz sst
ab sst w mn qtz as tension vns
(216818) <1, 1, <1, 4, <3, 5
(216815) <1, <1, <1, <2, 11, 3
(216812) <1, <1, <1, 6, 18, 12
ab sst tc qtz as tension vns
ab sst 2 clv tc/mn qtz
ab sst tc/mn qtz
ab sst 2 clv
(216826) <1, <1, <1, <2, <3, <2
(216814) <1, <1, <1, <2, 7, 10
sst w mn qtz tension vns no cong
v ferny but ocl sst tc qtz
(216813) <1, 3, <1, 4, 10, 4
ab qtz sst tc qtz
ab sst w 2 clv
ab sst 2 clv
poss not in situ sst
qtz sst
fg sst
qtz sst w clv's
(216145a) <1, 65, <1, 23, 8, 13
in situ sst w hmt vnts
2mm qtz vn in fg sst ft
ft sst also fol slt/sh
216142
fol slt/sh
lge buttress sy fracd p gy to v dk gy chert
216141
ft predom slt/sh w 20% dk chert mn sst
mod qtz sst no grit or cong minor qtz as tension vns
216139
70% slt/sh 30% chert
itty material
sandstone
(216802) <1, <1, <1, 2, 11, 23
(216823) <1, 2, <1, 7, <3, 11
ab sst w trace qtz
ocl sst tc qtz
v ferny tc sst
ab sst 2 clv
ocl sst w neg qtz
ocl sst 2 clv
ocl sst (2 clv)
ocl sandstone, neg qtz
ocl sst tc qtz
(216825) <1, <1, <1, 12, <3, 2
ab sst tc qtz
ocl sst (2 clv)
ocl sst tc qtz
(216803) <1, <1, <1, 3, 9, <2
mn sst tc/neg qtz
ab sst neg qtz
ocl sst neg qtz
ab sst mn qtz
(216824) <1, 1, <1, 3, <3, <2
(216834) <1, <1, <1, <2, <3, 3
ab sst tc/mn qtz
ab sst tc qtz
sandstone
(216841) <1, <1, <1, 5, <3, 3
(216845) <1, <1, <1, 4, 8, 6
(216840) <1, 1, <1, 6, <3, 3
ab sst mn qtz
(216842) <1, <1, <1, 4, <3, 3
ocl sst tc/mn qtz
(216835) <1, <1, <1, 3, 13, 11
(216843) <1, <1, <1, 8, <3, <2
ab sst tc/mn qtz
sandstone
(216836) <1, <1, <1, 6, 12, 16, 5
(216846) <1, <1, <1, 6, <3, 25
(216839) <1, 6, <1, 7, 5, 26
(216837) <1, <1, <1, 6, <3, 8
ab sst tc/mn qtz
ocl sst tc qtz
ab sst tc qtz
screey with fagments sst and only tc qtz
(216830) <1, <1, <1, <2, <3, <2
ocl sst tc/mn qtz
(216831) <1, <1, <1, 5, <3, 5
ssst tc qtz
(216832) <1, <1, <1, 2, <3, 2
ocl sst tc/mn qtz
(216833) <1, <1, <1, <2, <3, <2
ab scree along dam shore w mn qtz
trace sl slt/sh
tc slt/sh tc qtz
rare ft CHB slt/sh but also Plag pebbles
(216072) <1, 3, <1, 27, 14, 58
walls and floor of silage pit are CHB slt/sh w qtz vng
(216096) <1, 3, <1, 6, 4, 10
(216095) <1, 3, <1, 12, 6, 19
(216094) <1, 2, <1, 15, 4, 6
(216093) <1, 6, <1, 3, <3, 7
(216098) <1, 3, <1, 4, <3, 5
loose ft (paddock) slt almost chert and aestd bucky qtz
negligible ft slt/sh
tc CHB slt/sh to qtz
ft mixed inc sil sst, CHB slt prob scree only mn qtz
tc CHB slt/sst
ft now inc fol slt/sh, Plag pebbles and tc qtz
tc sil sst med-dk gm mons
qtzose essentially but prob CHB
ft predom CHB slt
fol slt/sh v cyey in gutter
tc slt/sh (CHB) tc qtz
ocl CHB slt and sst and mn qtz (small frags)
ft CHB-sh & slt
CHB sst tc qtz
v ocl ft fol slt/sh tc/neg qtz
ocl ft fol slt/sh neg qtz
v ocl ft fol slt/sh tc/neg qtz
ferrug qtz
(216091) <1, 1, <1, 2, <3, 3
gn-grad ft CHB slt -> qtzwacke sst
ocl ft sst tc qtz
ocl ft OCT sst no ft CHB slt/sh
p ywish org cy and med ft g
v cy sm wed sh interped CHB
ocl ft OCT sst no ft CHB slt/sh
scree of OCT qtz sst to med dk gy in colour typics but w fn
(216035) <1, <1, -, 5, 7, 12
Quartz sandstone and microconglomerates
ang frags OCT sst scree like w dk vnts
mn scree qtz sst
p qtz sst w qtz vnts and foliated
(216037) <1, <1, -, 4, <3, 3
ocl mixed (CHB & OCT) ft
treecrop
fol mc
lge ft mottled (alma
mod
ocl ft qtz sst no ft CHB slt/sh
p ywish org cy, poss prob CHB
OCT like qtz sst/grit poss scree or in situ
walls and floor of silage pit are CHB slt/sh w qtz vng
213637
sst, slt and sh
mn sst lesser slt/sh, tc/mn qtz
mn sst lesser slt/sh, tc qtz
slt/sh, tc qtz
slt
mn sst and slt/sh, tc qtz
mn slt/sh w mn sst, tc qtz
mn slt/sh w mn sst, tc/mn qtz
slt/sh w mn sst, tc qtz
absl t/sh w mn sst, tc qtz
Quartz sandstones
Pol
213421
213427
213430
qtz sst and
extensive ft (subcrop) sy fol slt/sh med dk gy
213636
ocl ft OCT sst no ft CHB slt/sh
scree of OCT qtz sst to med dk gy in colour typics but w fn
(216035) <1, <1, -, 5, 7, 12
Quartz sandstone and microconglomerates
ang frags OCT sst scree like w dk vnts
mn scree qtz sst
p qtz sst w qtz vnts and foliated
(216037) <1, <1, -, 4, <3, 3
ocl mixed (CHB & OCT) ft
treecrop
fol mc
lge ft mottled (alma
mod
ocl ft qtz sst no ft CHB slt/sh
p ywish org cy, poss prob CHB
OCT like qtz sst/grit poss scree or in situ
walls and floor of silage pit are CHB slt/sh w qtz vng
213637
sst, slt and sh
mn sst lesser slt/sh, tc/mn qtz
mn sst lesser slt/sh, tc qtz
slt/sh, tc qtz
slt
mn sst and slt/sh, tc qtz
mn slt/sh w mn sst, tc qtz
mn slt/sh w mn sst, tc/mn qtz
slt/sh w mn sst, tc qtz
absl t/sh w mn sst, tc qtz
Quartz sandstones
Pol
213421
213427
213430
qtz sst and
ft OCT sst tc grit, tc/mn qtz
ft OCT sst tc qtz, scree
ft OCT sst
v mn grit, tc/mn qtz
ft OCT sst tc qtz, scree
ft OCT sst
v mn grit, tc/mn qtz

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Macdonald, G.
EL20/94

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EL 20/94 - Salisbury Hill

Grid Fact Mapping and Rock Sampling Northwest Sheet

Date:30/9/1999 Author: G MacDonald
Drawn :G MacDonald File: SH AR99 F5
Scale: 1:5000
5 cm

Beaconsfield Mine Joint Venture

ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)

Figure No. 5

Northeast Sheet

LEGEND

Mapping and sampling

- Float
- Outcrop
- Quartz 'blows'
- (216088) <1, 3, <1, 3, <3, 4 — 1998/99 gold etc. sample (sample no.) Au ppb, As ppm, Cu ppm, Pb ppm, Zn ppm
- 213625 — 1997/98 trace element lithogeochemistry sample
- 216151 — 1998/99 trace element lithogeochemistry sample
- 230046E 17400mN — Gridline showing grid easting and northing

Geology - float, outcrop and interpreted

- Quaternary - alluvium
- Quaternary - talus
- Tertiary - gravels, sands and silts
- Jurassic dolerite
- Permian - undifferentiated sediments
- Ordovician - Devonian Corn Hill Beds, shales, siltstones and sandstones
- Ordovician - Devonian Corn Hill Beds, quartz sandstone at/near base
- Ordovician - Flowery Gully Limestone
- Ordovician - Eaglehawk Gully Formation
- Ordovician - Salisbury Hill Formation
- Cambrian - Blyth's Creek Formation, siltstones, sandstones and polymict conglomerate
- Cambrian - Blyth's Creek Formation, basaltic andesite, diorite and associated mafic volcanics

Geology - from soil chip logs

- unknown
- alluvium
- Tertiary gravels
- Permian lag - silliceous pebbles generally in clays
- Permian in-situ
- Corn Hill Beds siltstones and shales
- Corn Hill Beds quartzwacke sandstones
- Corn Hill Beds quartz sandstone
- Ordovician sandstones and occasionally grits in scree cover
- Ordovician sandstones and occasionally grits - in-situ

Basaltic andesite coherent and peperitic
Siltstone
Dark grey grits and sandstones
Finer bedded sandstones and siltstones
Sandstones
Sandstones and pebble bed
Graphitic, pyritic, breccio-conglomerate
Dark grey grits and sandstones
Conglomerate
Grits, minor pebbly conglomerate and sandstone
Pale grey clay after shale
Weathered sandstone ?

Basaltic andesite
Basaltic andesite
Basaltic andesite
213433 Basaltic andesite
Basaltic andesite
Greenish grey quartzwacke sandstones with feldspar and lithics, occasional trilobite fossils
213578 216163 216153 213576 216162
Detail on figure f7
Detail on figure 5 in MacDonald (1998)
Detail on figure f6
Quartz sandstones
Polymict conglomerate
Drive Hill Adit
qtz sst and mafic volcanics
213421 213427 213430
DDH S2
Salisbury Shaft and drive
DDH S1
Old Victoria
Duchess of York
Powerline Adit
213621 216146
213636
213637
213628
213629
213630 213633 213632
216152 216150 216153 216154
213576
213626 213631 216145b 216119 216120 216151
213635
213634
213636
213637

South Sheet

South Sheet

Northwest Sheet

Johnson Creek Fault Zone

5433000 mN

5432000 mN

5431000 mN

5430000 mN

5429000 mN

484000 mE

485000 mE

486000 mE

487000 mE

qtz sst and mafic volcanics

Salisbury Shaft and drive

DDH S2

DDH S1

Old Victoria

Duchess of York

Powerline Adit

Quartz sandstones

Polymict conglomerate

Quartz sandstones and microconglomerates

qtz sandstone

mafic volcanics on dump, sandstones in entrance to adit

DDH S6

foliated siltstone/shale

alluvium

ALLUVIUM

Permian Undifferentiated

Permian lag

amphibolite

diorite

massive qtz sst sim EGF

fol slt/sh in float

fol dk gy slt/sh

float of foliated fine grained siltstone also Permian lag

gy sandy soil no ft

Duke Lateral Adit

LEGEND

Mapping and sampling

- Float
- Outcrop
- Quartz 'blows'
- (216088) <1, 3, <1, 3, <3, 4 — 1998/99 gold etc. sample (sample no.) Au ppb, As ppm, Cu ppm, Pb ppm, Zn ppm
- 213625 — 1997/98 trace element lithogeochemistry sample
- 216151 — 1998/99 trace element lithogeochemistry sample
- 7500mE / 14700mN — Gridline showing grid easting and northing

Geology - float, outcrop and interpreted

- Quaternary - alluvium
- Quaternary - talus
- Tertiary - gravels, sands and silts
- Jurassic dolerite
- Permian - undifferentiated sediments
- Ordovician - Devonian Corn Hill Beds, shales, siltstones and sandstones
- Ordovician - Devonian Corn Hill Beds, quartz sandstone at/near base
- Ordovician - Flowery Gully Limestone
- Ordovician - Eaglehawk Gully Formation
- Ordovician - Salisbury Hill Formation
- Cambrian - Blyth's Creek Formation, siltstones, sandstones and polymict conglomerate
- Cambrian - Blyth's Creek Formation, basaltic andesite, diorite and associated mafic volcanics

Geology - from soil chip logs

- unknown
- alluvium
- Tertiary gravels
- Permian lag - siliceous pebbles generally in clays
- Permian in-situ
- Corn Hill Beds siltstones and shales
- Corn Hill Beds quartzwacke sandstones
- Corn Hill Beds quartz sandstone
- Ordovician sandstones and occasionally grits in scree cover
- Ordovician sandstones and occasionally grits - in-situ

EL 20/94 - Salisbury Hill

Grid Fact Mapping and Rock Sampling South Sheet

Date:30/9/1999 — Author: G MacDonald

Drawn :G MacDonald — File: SH AR99 F7

Scale: 1:5000

5 cm

Beaconsfield Mine Joint Venture

ALLSTATE EXPLORATIONS NL
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Figure No. 7

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Macdonald, G.
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Leviathan Hill

Demmans

Lightwood Hill

Northeast Sheet

Eaglehawk Gully

Fulwood

Greaves Rd

Peaked Hill North

Peaked Hill South

South Sheet

5438000 mN
5437000 mN
5436000 mN
5435000 mN
5434000 mN
5433000 mN

483000 mE
484000 mE
485000 mE

19500mN
18500mN
18000mN
17500mN
17000mN
16500mN
16000mN
15500mN
15000mN
14500mN

7500mE
8000mE
8500mE
9000mE
9500mE
10000mE

LEGEND

EL 20/94 Boundary

Peaked Hill North — Baseline Name and baseline pegs

<1, 2, 2, <3, <2 — 1998/99 Soil Sample Results - Au (ppb), As (ppm), Cu (ppm), Pb (ppm), Zn (ppm)

<5, 0.9 — 1996/97 Ridge Top Soils Reassaying - Au (ppb), As (ppm)

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EL 20/94 - "Salisbury Hill"

Soil Sample Results Northwest Sheet

Date:25/9/1999 Author: G MacDonald

Drawn : G MacDonald File: SH AR99 F8

Scale: 1:5000

5 cm

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(JV MANAGER)

Figure No. 8

Eaglehawk Gully

Fulwood

Greaves Rd

McFarlanes

Salisbury Hill Rd

Powerline East

Powerline West

Rookery North

Balls Rd

Wings West

5436000 mN

5435000 mN

5434000 mN

5433000 mN

5432000 mN

16000mN

15500mN

15000mN

14500mN

14000mN

13500mN

13000mN

8500mE

8600mE

8700mE

8800mE

8900mE

9000mE

9100mE

9200mE

9300mE

9400mE

9500mE

9600mE

9700mE

9800mE

9900mE

10000mE

10500mE

11000mE

11500mE

12000mE

12500mE

13000mE

Detail shown on Belven Park Hill Sheet

Detail shown on Wings West Sheet

Northwest Sheet

South Sheet

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Allstate Explorations NL*
Macdonald, G. EL20/94

LEGEND

- EL 20/94 Boundary
- Peaked Hill North — Baseline Name and baseline pegs
- <1, 2, 2, <3, <2 — 1998/99 Soil Sample Results - Au (ppb), As (ppm), Cu (ppm), Pb (ppm), Zn (ppm)
- <5, 0.9 — 1996/97 Ridge Top Soils Reassaying - Au (ppb), As (ppm)

EL 20/94 - "Salisbury Hill"

Soil Sample Results Northeast Sheet

Beaconsfield Mine Joint Venture

ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)

Date:25/9/1999 Author: G MacDonald

Drawn : G MacDonald File: SH AR99 F9

Scale: 1:5000

5 cm

Figure No. 9

608172

Peaked Hill South

Powerline West

Rookery North

Bulls Rd

Corn Hill

Rookery Road

Powerline P

Northwest Sheet

Northeast Sheet

5433000 mN

5432000 mN

5431000 mN

5430000 mN

5429000 mN

484000 mE

485000 mE

486000 mE

LEGEND

EL 20/94 Boundary

Peaked Hill North — Baseline Name and baseline pegs

<1, 2, 2, <3, <2 — 1998/99 Soil Sample Results - Au (ppb), As (ppm), Cu (ppm), Pb (ppm), Zn (ppm)

<5, 0.9 — 1996/97 Ridge Top Soils Reassaying - Au (ppb), As (ppm)

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Allstate Explorations NL*
Macdonald, G. EL20/94

EL 20/94 - "Salisbury Hill"

Soil Sample Results South Sheet

Date:25/9/1999 Author: G MacDonald

Drawn : G MacDonald File: SH AR99 F10

Scale: 1:5000

5 cm

Beaconsfield Mine Joint Venture

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ACN 000 679 023
(JV MANAGER)

Figure No. 10

609173

Powerline East baseline

14200mN

14100mN

14000mN

13900mN

13800mN

13700mN

13600mN

13500mN

13400mN

13300mN

13200mN

13100mN

5433700 mN

5433600 mN

5433500 mN

5433400 mN

5433300 mN

5433200 mN

5433100 mN

5433000 mN

5432900 mN

5432800 mN

5432700 mN

10900mE

10700mE

10600mE

10500mE

10400mE

10300mE

10200mE

487500 mE

487600 mE

487700 mE

487800 mE

487900 mE

488000 mE

moderate grits and sandstone with trace conglomerate <5mm clasts minor haematitic trace quartz

minor grits>sandstones with minor quartz veining

(213441) <10, 10, <1, 5, 5, <2

sandstones and coarse grained sandstones minor quartz

now minor sandstones>grit

(216013) <10, <1, <1, 2, 3, <2

minor sandstone and coarse grained sandstone trace quartz

(213442) <10, 1, <1, 3, 6, <2

sandstones and coarse grained sandstones with trace quartz

(213443) <10, <1, <1, 4, 6, <2

trench on ironstone

trace sandstone and grit and trace quartz

(213444) 40, 104, <1, 15, 17, 56

(213445) <10, 48, 1, 17, 15, 42

trench on ironstone

(213446) <10, 83, <1, 22, 16, 40

(213447) <10, 160, 1, 21, 32, 132

(213448) <10, 6, <1, 7, 7, 5

trace sandstone and grit and trace/minor quartz

sandstones and grits with trace quartz

minor sandstone and trace/minor quartz

grit and conglomerate but also rounded pebbles (Perm. lag) and trace/minor quartz

(213460) <10, 171, 1, 16, 24, 57

large proportion of rounded siliceous Permian derived pebbles

minor ironstone float

minor angular sandstone float

minor sandstone trace/minor quartz (216021) <10, 3, <1, 11, <3, 9

minor sandstone float, occasional float of rounded Permian lag

(216020) <10, <1, <1, 3, 5, 30

sandstone with trace quartz but no Permian lag

occasional Permian lag possibly some OCT sandstone

moderate sandstone with trace/minor quartz

trace quartz

sandstone

trace Permian lag

rounded Permian derived pebbles

common rounded pebbles Permian lag

minor sandstone and coarse grained sandstone also rounded Permian lag

rare sandstone with rounded Permian lag, tree plantation

minor sandstone

low lying country with grey sandy soil

flat with dead teatree

occasional sandstone and coarse grained sandstone and minor quartz

alluvium

minor sandstone and coarse grained sandstone minor quartz

(216007) <10, <1, <1, 3, <3, <2

moderate/minor quartz in sandstone>grit with rounded pebbles but mostly angular

occasional sandstone coarse grained sandstone and minor quartz

(216008) <10, <1, <1, 3, 18, <2

(216043) <1, 1, -, 3, <3, <2

(216042) <1, 1, -, 3, <3, 2

sandstone and coarse grained sandstone and moderate quartz blow

sandstone>grit with occasional tensional quartz veins moderate/minor quartz

still float of sandstone but 20m wide flat gully floor probably transported

gentle slope possibly scree

(216041) <1, <1, -, 4, <3, <2

(216040) <1, <1, -, 6, <3, <2

(216056) 1, 3, -, 7, 4, <2

sandstone and grit with very significant Cr staining

(216010) <10, <1, <1, 4, 4, 39

sandstone>grit moderate quartz decreasing northwards

(216055) 18, 12, -, 6, 3, 2

(216012) <10, 3, <1, 3, 5, <2

(216070) <1, <1, -, 6, 7, 45

gentle slope possibly scree or alluvium

sandstone, coarse grained sandstone and grit with minor/moderate quartz

gentle slope

very occasional sandstone and coarse grained sandstone trace quartz

(216054) 15, <1, -, 6, 4, <2

(216011) <10, <1, <1, 3, 5, 2

(216044) <1, <1, -, 3, <3, 9

sandstone and coarse grained sandstone (216046) 4, <1, -, 7, 6, 19

(216045) 7, 2, -, 21, 32, 72

(216039) <1, <1, -, 3, <3, <2

sandstone and coarse grained sandstone and grit, minor/mod quartz

(216038) <1, 5, -, 2, 3, <2

more gentle gully

grits and sandstone moderate/minor quartz

grits and sandstone but no Cr in these

sandstones and coarse garined sandstones and grits with minor quartz

sandstone and coarse grained sandstone minor quartz

minor sandstone and coarse grained sandstone trace quartz

grits and sandstone moderate/minor quartz

minor sandstone and coarse grained sandstone

occasional trace quartz, sandstone and coarse grained sandstone

minor sandstone and grits trace quartz

minor sandstone and coarse grained sandstone trace quartz

(216018) <10, 1, <1, 4, 4, 23

sandstone and coarse grained sandstone with trace/minor quartz

trench (20m long x 2m wide x 0-4m deep - SE end is deepest)

trench (16m long x 1.5m wide x up to 3m deep SE end)

trench (3m long x 1.5m wide x to 3m deep)

shaft - collapsed 5m x 5m

shaft 5m deep on 020(MN) trend

(216081) 32, 30, -, 10, 32, 220

(216060) 4, <1, -, 7, 4, 18

(216058) 41, 8, -, 23, 18, 6000

(216057) 198, 60, -, 22, 50, 923

(216059) 2, <1, -, 8, 4, 3

(216062) 2, 95, -, 12, 20, 16

sandstone and coarse grained sandstone and siliceous (Permian lag) sandstone, moderate/minor quartz

occasional grits and sandstones with negligible quartz

sandstone and coarse grained sandstone with trace/minor quartz

minor sandstone and coarse grained sandstone

sandstone and coarse grained sandstone and trace quartz

minor sandstone and coarse grained sandstone

occasional rounded pebbles (Permian lag)

gentle slope poss scree/alluvium

open ferny and eucs over gently rise

gentle slope with grey sandy soil

low flat alluvium

alluviurn teatree

flat teatree country

flat cutting grass and teatree swamp

open ferny gentle slope poss higher stand alluvial

burnt teatree and cutting grass over alluviu

occasional siliceous (Permian lag) sandstone over teatree swamp

gentle rise up - no float

(216052) 6, <1, -, 10, 4, 3

sandstone and coarse grained sandstone with Cr staining

(216053) 27, 7, -, 9, 8, 47

trench (26m long x 1.5m wide x 0.3m-3m deep)

(216048) 2, 6, -, 6, 6, 12

(216049) <1, 4, -, 6, 4, <2

grits>sandstone with Cr associated with quartz veining

(216051) <1, 1, -, 6, 5, 9

moderate/minor sandstone and coarse grained sandstone and siliceous Cr bearing sandstone

cutting grass and teatree swamp

(216015) <10, 2, <1, 4, 3, 91

(216050) <1, 2, -, 7, 6, 71

gentle slope possibly higher stand alluvial

trench (1m wide x 3m long x 2m-4m deep)

(216061) <10, <1, <1, 2, 3, 4

(216017) <10, 1, <1, 5, <3, 13

sandstone and coarse grained sandstone with trace/minor quartz

occasional grits and sandstones with negligible quartz

sandstone and coarse grained sandstone and siliceous (Permian lag) sandstone, moderate/minor quartz

sandstone and coarse grained sandstone with trace/minor quartz

gentle slope open eucalypta no float

cutting grass and teatree swamp but dry

rounded siliceous pebbles (Permian lag)

occasional rounded pebbles (Permian lag)

minor sandstone and trace/minor quartz

grits and coarse grained sandstones with negligible quartz

(216064) 4, <1, -, 4, 7, 17

irregular trench with shaft like depression on eastern end

(216067) 11, 44, -, 7, 58, 526

(216066) 15, 225, -, 14, 82, 784

occ sandstone and trace/minor quartz

(216019) <10, 11, <1, 6, 8, 125

float of Cr bearing (inc veined) sandstone

trenches on Cr stained sandstone

(216068) 13, 9, -, 5, 9, 226

very rare sandstone

mature teatree and cutting grass - alluvium

thick teatree and cutting grass

LEGEND

SOIL AND ROCK SAMPLES

- Soil sample location and results, 1998/99 programme; Au (ppb), As (ppm), Cu (ppm), Pb (ppm), Zn (ppm)
- Soil sample location and results, reassay of 1996/97 Ridge Top Programme pulps; Au (ppb), As (ppm)
- Rock sample location - sample number Au (ppb), As (ppm), Cu (ppm), Pb (ppm), Zn (ppm)
- Grid lines; eastings and northings

MAPPING

- Float (dotted outline); outcrop (solid outline)
- Quaternary alluvium; dotted region possible high stand
- Permian - mudstone with rounded siliceous pebbles
- Quartz 'blows' - areas with abundant vein quartz float
- Float quartz sandstone and grit - correlates of Salisbury Hill Formation, Denison Group

INTERPRETATIVE GEOLOGY

- Quaternary alluvium
- Permian - basal member pebbly mudstone
- Ordovician Salisbury Hill Formation sandstones and grits

OLD WORKINGS

- Trenches - mullock shown
- Shafts

EL 20/94 - "Salisbury Hill"

Wings West Prospect
Soil and Rock Sample Results
Geology and Old Workings

Date:25/9/1999 Author: G MacDonald

Drawn : G MacDonald File: SH AR99 F16

Scale: 1:1000

5 cm

Beaconsfield Mine Joint Venture

ALLSTATE EXPLORATIONS NL ACN 000 679 023 (JV MANAGER)

Figure No. 16

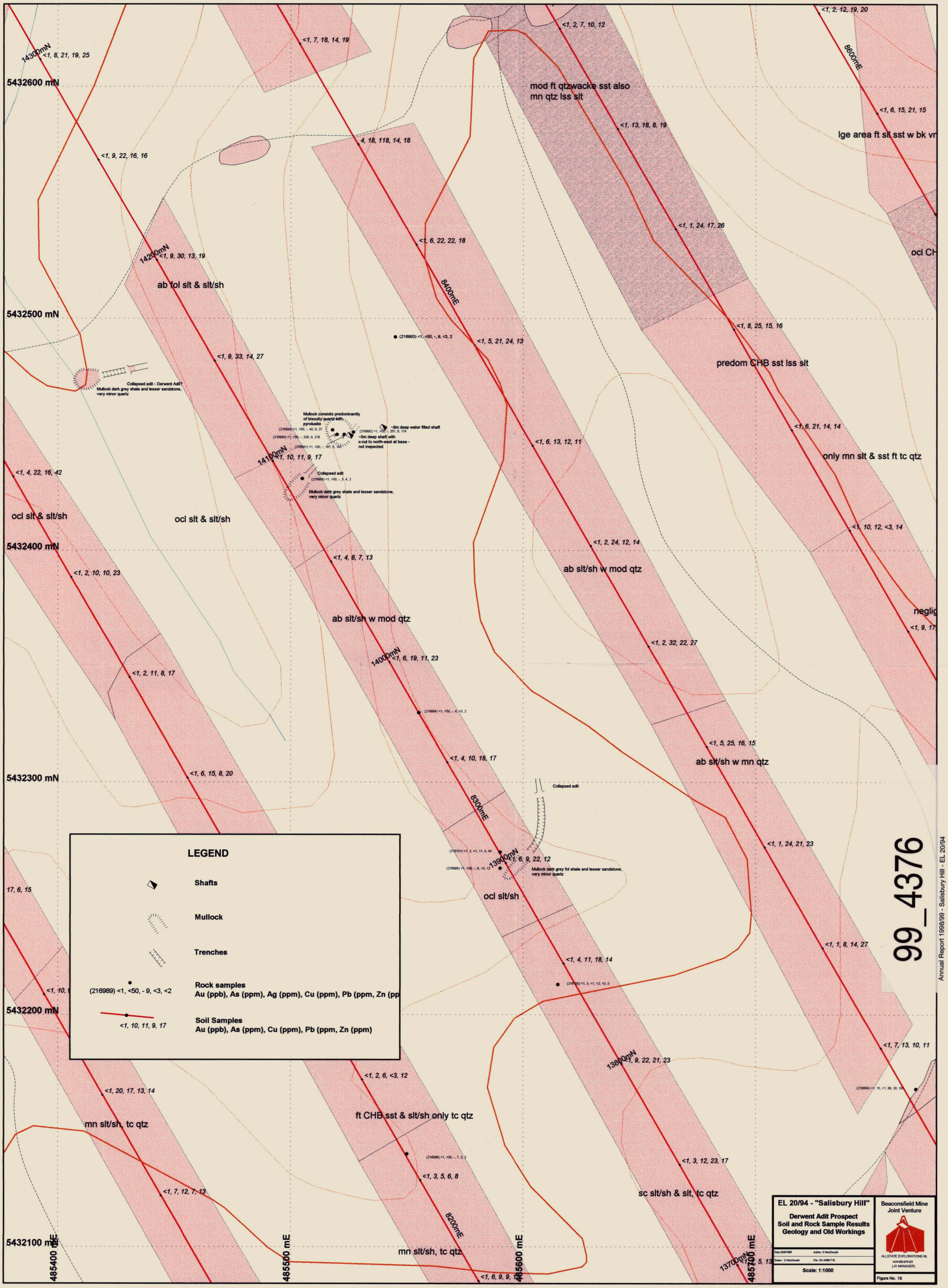
99_4376

Annual Report 1998/99 - Salisbury Hill - EL 20/94

Allstate Explorations NL* Macdonald. G.

EL20/94

608174


14300mN
<1, 8, 21, 19, 25
5432600 mN
<1, 9, 22, 16, 16
<1, 7, 18, 14, 19
4, 18, 118, 14, 18
<1, 2, 7, 10, 12
mod ft qtzwacke sst also
mn qtz lss slt
<1, 13, 18, 8, 19
<1, 2, 12, 19, 20
8600mE
<1, 6, 15, 21, 15
lge area ft slt sst w bk vn
ocl CH
14200mN
<1, 9, 30, 13, 19
ab fol slt & slt/sh
<1, 6, 22, 22, 18
8400mE
<1, 1, 24, 17, 26
5432500 mN
<1, 9, 33, 14, 27
(216993) <1, <50, -, 9, <3, 2
<1, 5, 21, 24, 13
<1, 8, 25, 15, 16
predom CHB sst lss slt
Collapsed adit - Derwent Adit?
Mullock dark grey shale and lesser sandstone, very minor quartz
Mullock consists predominantly of biscuity quartz with pyrolusite
(216989) <1, <50, -, 40, 8, 27
(216990) <1, <50, -, 328, 9, 218
(216991) <1, <50, -, 167, 5, 143
~8m deep water filled shaft
(216992) <1, <50, -, 251, 8, 174
~5m deep shaft with x-cut to north-east at base - not inspected
14100mN
<1, 10, 11, 9, 17
<1, 6, 13, 12, 11
<1, 6, 21, 14, 14
only mn slt & sst ft tc qtz
<1, 4, 22, 16, 42
Collapsed adit
(216988) <1, <50, -, 3, 4, 2
Mullock dark grey shale and lesser sandstone, very minor quartz
ocl slt & slt/sh
ocl slt & slt/sh
ab slt/sh w mod qtz
<1, 10, 12, <3, 14
5432400 mN
<1, 4, 8, 7, 13
<1, 2, 24, 12, 14
<1, 2, 10, 10, 23
<1, 2, 32, 22, 27
negligi
<1, 9, 17,
<1, 2, 11, 8, 17
14000mN
<1, 6, 19, 11, 23
(216994) <1, <50, -, 4, <3, 2
<1, 4, 10, 18, 17
<1, 5, 25, 16, 15
ab slt/sh w mn qtz
5432300 mN
<1, 6, 15, 8, 20
8300mE
Collapsed adit
<1, 1, 24, 21, 23
(216101) <1, 3, <1, 11, 4, 44
13900mN
<1, 6, 9, 22, 12
(216995) <1, <50, -, 9, <3, <2
Mullock dark grey fol shale and lesser sandstone, very minor quartz
ocl slt/sh
<1, 4, 11, 18, 14
(216100) <1, 3, <1, <2, <3, 3
<1, 1, 8, 14, 27
<1, 7, 13, 10, 11
17, 6, 15
<1, 10, 9
5432200 mN
<1, 2, 6, <3, 12
13800mN
<1, 9, 22, 21, 23
(216089) <1, 15, <1, 69, 20, 19
<1, 20, 17, 13, 14
mn slt/sh, tc qtz
ft CHB sst & slt/sh only tc qtz
(216998) <1, <50, -, 7, 3, 2
<1, 3, 5, 6, 8
<1, 3, 12, 23, 17
sc slt/sh & slt, tc qtz
<1, 7, 12, 7, 13
8200mE
13700mN
<1, 5, 13
<1, 6, 9, 9,
5432100 mE
485400 mE
485500 mE
485600 mE
485700 mE
LEGEND
Shafts
Mullock
Trenches
(216989) <1, <50, - 9, <3, <2
Rock samples
Au (ppb), As (ppm), Ag (ppm), Cu (ppm), Pb (ppm, Zn (pp
<1, 10, 11, 9, 17
Soil Samples
Au (ppb), As (ppm), Cu (ppm), Pb (ppm, Zn (ppm)
EL 20/94 - "Salisbury Hill"
Derwent Adit Prospect
Soil and Rock Sample Results
Geology and Old Workings
Date: 25/9/1999
Author: G MacDonald
Drawn : G MacDonald
File: SH A099 F18
Scale: 1:1000
Beaconsfield Mine Joint Venture
ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)
Figure No. 18
5 cm
99_4376
Annual Report 1998/99 - Salisbury Hill - EL 20/94
Allstate Explorations NL*
Macdonald, G.
EL20/94
175
608175

5436000 mN

10400mE 17000mN

LEGEND

- Scree cover
- Ordovician - Eaglehawk Gully Formation sandstones - bunchy quartz veining shown
- Ordovician - Salisbury Hill Formation sandstones and pebbly conglomerates
- Shearing
- Bedding traces in adit
- Shafts
- Mullock
- Trenches
- 10400mE 17000mN — Eaglehawk Gully baseline pegs
- 216881, 145 ppb — Rock and channel samples - Au ppb

4WD track

4m x 3m x 1m deep

~8m deep with x-cut to west at base

~8m deep

44

A

6m deep with x-cut to south at base

jump-up' leading to small burrow like workings chasing base of scree immediately overlying the shear zone intersected by the adit.

trench

~5m deep

A'

~8m deep with x-cut to north at base

216850, <1 ppb
10mm qtz vn @ 44°-227°

216852, 83 ppb
10mm qtz vn @ 48°-264°

36

50m+ deep shaft

10400mE 16900mN

216851, 51 ppb
30mm qtz vn @ 35°-232°

216853, 23 ppb
15mm qtz vn @ 43°-256°

40

Ordovician - Eaglehawk Gully Formation sandstones

5435900 mN

?

?

33

33

5435800 mN

A

A'

Scree cover

216849 (324 ppb), 216855 (748 ppb) & 216856 (241 ppb) taken from bunchy quartz, similar to that sampled in 216880 and 216854, on north wall.

216860
561 ppb

216854
108 ppb

216862
4 ppb

216861
145 ppb

216857
<1 ppb

216858
42 ppb

216859
31 ppb

bedding

216863
62 ppb

Ordovician - Eaglehawk Gully Formation sandstones

Ordovician - Salisbury Hill Formation sandstones and pebbly conglomerate beds

485800 mE

608176

99_4376

Annual Report 1998/99 - Salisbury Hill - EL 20/94

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Macdonald, G.

EL20/94

EL 20/94 - "Salisbury Hill"

Eaglehawk Gully Prospect Geology, Old Workings and Rock Samples

Date: 25/8/1999 Author: G MacDonald

Drawn: G MacDonald File: SH AR99 F19

Scale: 1:500

Beaconsfield Mine Joint Venture

ALLSTATE EXPLORATIONS NL
ACN 009 679 023
(JV MANAGER)

Figure No. 19

5 cm