Allstate
ALLSTATE EXPLORATIONS NL

SALISBURY HILL EL 20/94

MID-TERM RELINQUISHMENT REPORT

1999

99_4379

Mid-Term Relinquishment Report - 1999 - Salisbury Hill, EL20/94
Allstate Explorations NL*; Beaconsfield Mine Joint Ven
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1.0 SUMMARY

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

The licence was established in 1994 to facilitate exploration for similar mesothermal style gold mineralisation in the surrounding district. To date, work on EL 20/94 has focussed largely on reconnaissance of the areas of highest prospectivity within the licence. In particular, work has focussed on investigations of the old working of the historical Salisbury Mining Field. 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.

Work has also focussed on grid based soil sampling and geological mapping of those potentially prospective areas within the licence that do not benefit from the pedigree of historical activity. This has been done to develop a detailed understanding of the licence and assist in providing targets for continued investigation in the latter half of the licence tenure.

The current report has been prepared to meet the requirements of statutory relinquishment of 50% of the licence by the end of the fifth reporting year. It provides a snap-shot of the geology of the tenement and the district generally as it is currently understood. The report also provides details of all work completed over the areas chosen for relinquishment during the history of the licence to date.

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 original licence covered 45 skm of which slightly more than 5 skm was excluded by pre-existing mining leases. The licence is due for final relinquishment on 28th October 2004. At this time slightly more than 19 skm is being relinquished to meet a requirement for 50% relinquishment by 28th October, 1999.

2.3 TOPOGRAPHY, VEGETATION AND LAND USE

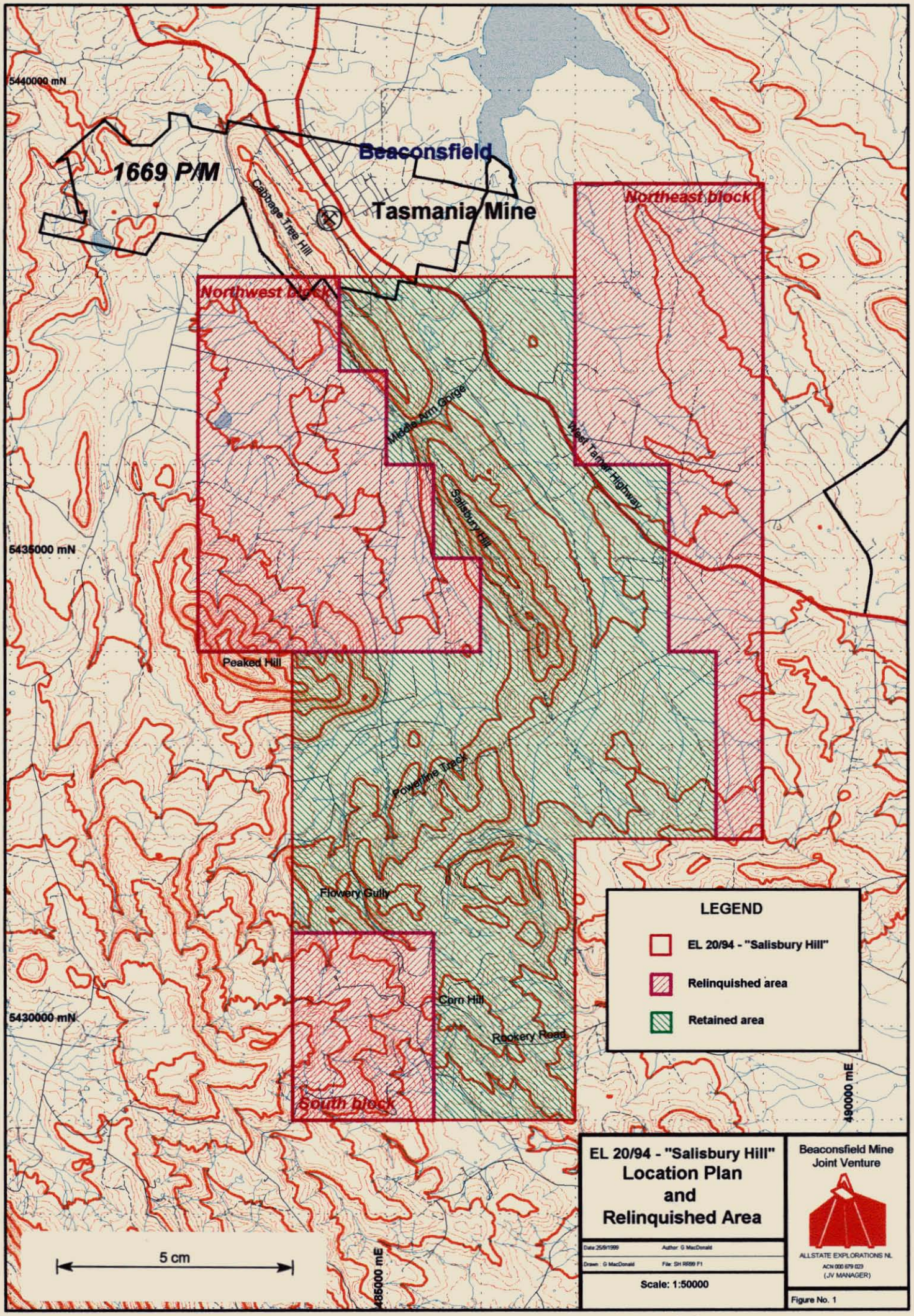
The topography is dominated by Salisbury Hill (and the southern end of Cabbage Tree Hill) and Peaked Hill in the northern half of the licence becoming generally more hilly in the south. The area between these hills in the north is moderately flat.

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. The relinquished area includes most of the area under agricultural cultivation and the lightly forested Peaked Hill.

2.4 RELINQUISHMENT

The portion of EL 20/94 being relinquished is illustrated in figure 1. The portion includes 3 areas, the Northwest Block, the Northeast Block and the South Block. The Northwest Block is defined as that area commencing at 483000E, 5438000N and continuing east to 484500E then south to 5437000N then east to 485000E then south to 5436000N then east to 485500E then south to 5435000N then east to 486000E then south to 5434000N then west to 483000E then north to the point of commencement. The Northeast Block is defined as that area commencing at 487000E, 5439000N and continuing east to 489000E then south to 5432000N then west to 488500E then north to 5434000N then west to 488000E then north to 5436000N then west to 487000E then north to the point of commencement. The South Block is defined as that area commencing at 484000E 5431000N then continuing east to 485500E then south to 5429000N then west to 484000E then north to the point of commencement. Allowing for exclusions the total area being relinquished is slightly more than 19 skm out of a total licence area of slightly less than 40 skm.


5440000 mN
1669 P/M
Beaconsfield
Tasmania Mine
Cabbage Tree Hill
Northeast block
Northwest block
Middle Arm Gorge
West Tamar Highway
Salisbury Hill
5435000 mN
Peaked Hill
Powerline Track
Flowery Gully
Corn Hill
Rookery Road
5430000 mN
South block
LEGEND
EL 20/94 - "Salisbury Hill"
Relinquished area
Retained area
480000 mE
485000 mE
5 cm
EL 20/94 - "Salisbury Hill"
Location Plan
and
Relinquished Area
Date: 25/9/1999
Author: G MacDonald
Drawn: G MacDonald
File: SH R599 F1
Scale: 1:50000
Beaconsfield Mine
Joint Venture
ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)
Figure No. 1

181006

3.0 EXPLORATION PHILOSOPHY

Principally, the BMJV is exploring for sediment hosted mesothermal gold mineralisation. Empirically, the target model is based upon the developing understanding of the 2Moz Tasmania Reef. The latter is a northeast 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 of the Beaconsfield Block.

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 Beaconsfield Gold Mine starts to generate revenue.

4.0 PREVIOUS EXPLORATION

The area of EL 20/94 has been the subject of several geological investigations and limited exploration programmes over the past 30 years. However, little if any of the work occurred over the portions of the licence being relinquished.

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 on the historical Salisbury Gold Field. 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).

Work on the current licence EL 20/94 has been ongoing for five years. After a literature review and limited reconnaissance work in the first 2 years of the licence (McKeown, 1995; Hills, 1996), the current phase of more intensive exploration commenced in 1997 with a high definition ground magnetics survey over the Salisbury Hill prospect. This was followed by reconnaissance scale 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 1997/98 (MacDonald, 1998a) and detailed grid based soil sampling and geological mapping of second priority outcropping palaeozoic geology occurred in 1998/99 (MacDonald, 1999).

5.0 GEOLOGY

5.1 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, 1999). The area was the focus of work by Green (1959), Kennedy (1971) and Hills (1982). The area straddles the boundary between the Beaconsfield (Gee and Legge, 1971) and Frankford (Gulline and Naqvi, 1973) 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 to the understanding of the geology of the region was also made by Lewis (1998). He described the Denison Group in the Beaconsfield Gold Mine from diamond drill core and formally defined the Salisbury Hill and Eaglehawk Gully Formations. The geology of EL 20/94 as it is currently understood is illustrated in figure 2.

With the exception of descriptions of the geology by Green (1959) and Gee and Legge (1979), only MacDonald (1999) makes direct reference to the geology of the area being relinquished. His work involved grid based mapping as part of a programme of soil sampling and mapping over approximately 50% of the licence area. The location of gridlines and soil samples, with results, are shown on figure 3. The factual mapping data is shown on figure 4 at a scale of 1:5000. As part of the mapping work the +3mm fraction from the soil samples (the –3mm fraction was assayed) was been logged providing geological information in areas with limited or no outcrop. Those descriptions are included in appendix 1 as well as being shown symbolically on figure 5.

In addition to the grid base mapping, the location of a number of old workings on Peaked Hill are also shown on figure 4.

5.2 REGIONAL AND LOCAL GEOLOGY

The geological setting of the area of northern Tasmania including the environs of Beaconsfield was recently neatly established by Elliot et. al. (1993). Those authors describe the Beaconsfield Block as the entire pre-Permian package between the Precambrian Badger Head Block and the Tamar River. Recent mapping by Purvis (1998a) which focussed on the Lower Palaeozoic rocks and particularly the Denison Group correlates at Mt Careless, including their structural setting, has taken the argument further. Indeed Purvis (1998a) agreed with Gulline (1981) that the Denison group correlates on Mt Careless on-lap the Precambrian rocks of the Badger Head Block unconformably. Purvis (1998a) also recognised the significance of the Bald Tier Fault which he described as a Devonian thrust remobilised during the formation of the Tamar Graben. Interpretation of the 1987 aeromagnetic survey suggested that the Bald Tier Fault trace runs along the western margin of the buried southeast extension of the Anderson's Creek Ultramafic Complex and that the latter was caught up within the Bald Tier Fault at depth. It follows therefore that the Bald Tier Fault is the western margin of the Beaconsfield Block and the Lower Palaeozoic rocks west of the Bald Tier Fault are more correctly assigned to the Badger Head Block. The Bald Tier Fault therefore originated as a major, east

Tasmania Mine

Northeast block

Northwest block

South block

Leviathan Hill

1950mN

9500mE

CT48

CT47

Dehmans

9550mE

1950mN

1800mN

1750mN

Peakes Hill North

1700mN

1650mN

9500mE

9400mE

PHB

PHE

Pulwood

1600mN

9550mE

Greaves Rd

1550mN

FGB29

FGB33

FGA41

FGA45

Legend

Gridlines (Eastings for every 5th line shown), northings and soil sample locations

Baselines and baseline pegs

Ridge Top soils (endpoint sample numbers shown)

5 cm

EL 20/94 - "Salisbury Hill"

Work Done
1994 - 1999 Period

Date: 25/9/1999 Author: G MacDonald

Drawn : G MacDonald File: SH AR99 F3

Scale: 1:25000

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Figure No. 3

dipping, bounding thrust in the Devonian in line with the models summarised by Leaman (1998)

The Anderson's Creek Ultramafic Complex and associated rocks thus forms the basement to the Beaconsfield Block above the Bald Tier Fault. Above the Anderson's Creek Ultramafic Complex in turn, the "Beaconsfield sedimentary package", considered to include the pre-Devonian rocks of the Beaconsfield Block, commencing with the Blyth's Creek Formation, was deposited. The "Beaconsfield sedimentary package" has been recognised as four parallel imbricate thrust slices within the Beaconsfield Block at least since the work of Gee and Legge (1979). From west to east the four slices are now called the Anderson's Creek slice, Peaked Hill slice, Cabbage Tree Hill slice and Cobblestone Creek slice (see figure 3). These thrust slices have been the focus of exploration by the Beaconsfield Mine Joint Venture for "Tasmania Reef-like" mineralisation across EL 20/94. The Tasmania Reef, the central orebody within the Beaconsfield Gold Mine 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.

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 Beaconsfield Gold Mine. For this reason the following description of the local geology is largely based on observations made in the Cabbage Tree Hill slice. 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 basement strata of the Lower Palaeozoic package in the Beaconsfield Block is the Blyth's Creek Formation. It is an as yet poorly understood package of stylolitic limestone greywacke siltstone, sandstone and polymict conglomerate and intercalated rocks of igneous origin. This formation was originally described by Green (1959) as "the friable quartz sandstone formation conformable or disconformably overlying the Dally's Siltstone and conformably overlain by the Cabbage Tree Conglomerate". However, MacDonald (1999) has broadened the formation to include all pre-Dension Group rocks in the Beaconsfield Block not directly associated with the Anderson's Creek Ultramafic Complex within the Beaconsfield Block. Thus the Blyth's Creek Formation is now considered to include the Blyth's Creek Formation and the Dally's Siltstone and intercalated volcanics of Green (1959). It also includes the so-called slates and greywacke sandstones described from south of Salisbury Hill by Gulline (1981), together with their associated igneous suite and so too the rocks described within the Cambrian Sequence from the western side of Peaked Hill by Gee and Legge (1979). The unit is most probably a correlate of the Dundas Group in western Tasmania. Green (1959) correlated the rocks on the western side of Peaked Hill with his Leonardsburgh Siltstone on the basis of lithology and stratigraphic position, believing Peaked Hill to be an anticline within the Denison Group described below. Neither of his findings in this regard continue to be supported by the work of subsequent authors. The Blyth's Creek formation is assigned a Cambrian age on the basis of fossils

found by Green (1959) and MacDonald (1998a)near the West Tamar Highway east of Salisbury Hill and by Gee and Legge (1959) west of Peaked Hill.

The Blyth's Creek Formation is only doubtfully recognised in outcrop west of Cabbage Tree Hill but is clearly present in drill core from the Beaconsfield Gold Mine and is probably cut out by the Cabbage Tree Thrust at surface.

The Blyth's Creek Formation is apparently conformably overlain by the Denison Group which consists sequentially of the Cabbage Tree Conglomerate, the Salisbury Hill Formation and the Eaglehawk Gully Formation.

Lewis (1998) described 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 Tasmania Reef is hosted by the Salisbury Hill and Eaglehawk Gully Formations which collectively comprise the Transition beds in earlier literature. The Transition beds were divided into the Upper and Lower Transition beds with the contact defined as the uppermost pebble bed in the Lower Transition beds (Hills, 1998). Lewis (1998) formalised the stratigraphy of the Transition beds defining the Lower Transition beds and Upper Transition beds as the Salisbury Hill Formation and the Eaglehawk Gully Formation respectively although the original nomenclature is maintained within the operating Beaconsfield Gold Mine for convenience.

Lewis (1998) defined the Salisbury Hill Formation as a sequence of dark grey-black quartz arenite interbedded with oligomictic granule-pebble (para- and ortho-) conglomerate and granule conglomeratic quartz arenite. He divided it 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. 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 thin 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 south along strike from the Beaconsfield Gold Mine shows the Cabbage Tree Conglomerate to be approximately 20 metres thick. Adits mapped in Eaglehawk Gully 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 2.5 km further 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.

Lewis (1998) defines the Eaglehawk Gully Formation as a sequence of grey/grey-green quartz arenite interbedded with light grey, stylolitised bioclastic grainstone. It has been divided into six members mainly on the basis 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. The fossils indicate a lowermost Ordovician age (Laurie, 1996).

Two kilometres south of the mine along strike from the Tasmania Reef, the Middle Arm Gorge road cut on 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 derived from the basalt which must have been exposed and shedding fine material, probably hyaloclastically (MacDonald, 1998). The basalt is intercalated with sediments 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 apparently a transitional alkali-tholeiite from an intraplate setting (MacDonald, 1998). The basalt exhibits a particularly high Ti content which is not reflected in the sediments of the Eaglehawk Gully Formation.

The entire package overlying the Blyth's Creek Formation is correlated with the Denison Group elsewhere in Tasmania.

Overlying the Eaglehawk Gully Formation, the Flowery Gully Limestone is the primary unit of the Gordon Group in the Beaconsfield Block. The unit is a pure stylolitic limestone of deep water origin (Hills, 1998). It is particular significant at Flowery Gully where it is exploited commercially but it also occurs in widespread outcrop and is prominent in drill core at the Beaconsfield Gold Mine. Overlying this unit is the Grubb Shale (Grubb beds of Green (1959)). This unit was also included within the Gordon Group by Hills (1998) and Lewis (1998) but the correlation is now questioned.

Hills (1982) defined the Corn Hill Beds east of Flowery Gully as a sequence of turbiditic sediments with Mathinna Beds characteristics. A varied fauna located at 485840E 5431800N supported a strong correlation with the Mathinna Beds at Scamander on the East Coast (Banks, Pers. Comm.). This work strengthened the earlier suggestion of Kennedy (1971) who likened the sediments immediately east of Flowery Gully to the Grubb Beds and also the Mathinna Beds. Green (1959), working with sparse outcrop within the township of Beaconsfield noted that "the sediments above the ...Flowery Gully... Limestone resemble the Mathinna ...Group".

Gee and Legge (1979) noting the occurrence of limestone east of the Grubb Beds in drill core from the Beaconsfield Gold Mine suggested that the Grubb

Beds are merely silty intervals within the Flowery Gully Limestone. However, their interpretation fails to recognise the Cobblestone Creek Thrust between the Grubb Beds and the eastern limestone which has since been interpreted as a lithology within the Blyth's Creek Formation as described by Green (1959) from outcrop 1.5km south-southeast of the Beaconsfield Gold Mine.

Recent drilling and underground development has allowed detailed examination of the Grubb Beds at the type locality. Lithologically they are very similar to rocks from the Corn Hill Beds of Hills (1982). The latter nomenclature is preferred because the fauna allows timing of deposition to be fixed and makes direct correlation possible. Also, the unit remains mappable in the field. Elsewhere in the district, the Corn Hill Beds outcrops to the west of the Cabbage Tree Hill – Salisbury Hill strike ridge and particularly at Leviathan Hill where Green (1959) defined the unit as the Leonardsburgh Siltstone and suggested Grubb Beds equivalence. Gee and Legge (1979) are not correct in assigning the Leonardsburgh Siltstone at the type locality to the Cambrian Sequence. However, the current authors support their correlation with respect to the rocks on the western side of Peaked Hill. The Corn Hill Beds have now been recognised as far south as Winkleigh (Morrison, 1999).

Thus the pre-Permian stratigraphic nomenclature of the Beaconsfield Block (excluding the Anderson's Creek sub-Block) within the relinquished tenement (and EL 20/94 generally) is summarised as illustrated in table 1.

Group	**Formation**
Mathinna Group	Corn Hill Beds
Gordon Group	Flowery Gully Limestone
Denison Group	Eaglehawk Gully Formation (including associated volcanics)
	Salisbury Hill Formation
	Cabbage Tree Conglomerate
Dundas Group	Blyth's Creek Formation (including associated volcanics)

Table 1. Simplified stratigraphic nomenclature of EL 20/94.

5.3 NORTHWEST BLOCK GEOLOGY

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 at the old Rifle Range (5438000mN 481750mE) have complicated the picture somewhat the slice probably contains approximately 3.5 km of the section.

The Blyth's Creek Formation is represented by quartz sandstones, siltstones, interbedded sandstone-shale sequences (including outcrop with reported

Cambrian fossils, Gee and Legge, 1979) and chert cropping out on the western slopes of Peaked Hill. Gee and Legge (1979) also report serpentinite float. No such rock has been located subsequently. However, the occurrence 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 and also in drill core at Salisbury Hill and the Beaconsfield Gold Mine.

On the eastern slopes of Peaked Hill outcropping quartz sandstones and minor siltstones with very minor quartz pebble conglomerate have been mapped 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. The rocks are correlated with the Denison Group rocks in the Cabbage Tree slice.

On the flat to the east of Peaked Hill is a swampy depression around which reprecipitated carbonate crops out at 483300E 5436450N suggesting the presence of the Flowery Gully Limestone subsurface. Similar springs run along the very lowermost eastern slope of Peaked Hill to the south along the Flowery Gully Road. This inferred subsurface limestone lies along strike from the Flowery Gully Limestone which crops out in the Flowery Gully area. Much of the valley east of Peaked Hill is covered by Tertiary and Quaternary sediments which have not been studied by Beaconsfield Mine Joint Venture geologists.

The Flowery Gully Limestone is overlain by the shales, siltstones and sandstones of the Corn Hill Beds. This unit crops out on Leviathan Hill and Daake's Hill along the eastern margin of the Northwest Block. The contact with the Flowery Gully Limestone may be an unconformity but this is unclear from outcrop. It does not appear to be faulted in the Flowery Gully area.

The eastern contact of the Corn Hill Beds and thus the Peaked Hill slice on the western slopes of Cabbage Tree Hill is the Cabbage Tree Thrust. The Cabbage Tree Thrust is intersected in diamond drilling at the Beaconsfield Gold Mine and in outcrop at the western end of the Middle Arm Gorge on the Flowery Gully Road. It is also intersected by the west cross cut on the 422' level of the historical Moonlight Mine on the western slopes of Cabbage Tree Hill (Montgomery, 1892). Rocks cropping out east of the Cabbage Tree Thrust in the Northwest Block are considered to be Cabbage Tree Conglomerate although Richard Keele (in Hills, 1997) mapped a small sliver of the Blyth's Creek Formation. Detailed geology of the Northwest Block is illustrated in figure 4.

5.4 NORTHEAST BLOCK GEOLOGY

The geology of the Northeast Block is dominated by Permian sediments with some overlying Tertiary gravels. No work has been done in this area by the Beaconsfield Mine Joint Venture although the pre-Permian stratigraphy in the Cobblestone Creek Slice is presumed to continue beneath the Permian outcrop for some distance at least.

Green (1959) and Gee and Legge (1979) provide detailed descriptions of the Permian Geology.

5.5 SOUTH BLOCK GEOLOGY

Again, the surface geology is dominated by Permian sediments. To the east of the Permian, a narrow sliver of Denison Group sediments, presumably the upper portion of the Eaglehawk Gully Formation, is overlain by the type locality outcrop of the Flowery Gully Limestone. The Flowery Gully Limestone is in turn overlain by the base of the Corn Hill Beds.

All outcropping pre-Permian rocks in the South Block occur with a mining lease excluded from exploration licence.

5.6 STRUCTURAL GEOLOGY

The framework of the structural geology is described by Gee and Legge (1979) and Elliot et. al. (1993). Structurally the rocks in the Beaconsfield Block are dominated by faulting with only very minor folding. The exceptions to this appear to be folds associated with thrusting. Hills (1982) mapped recumbent folding within the Corn Hill Beds 1 km east of Flowery Gully. Purvis (1998a) recently mapped evidence of macro scale west directed recumbent folding of Denison Group rocks within the Beaconsfield Block on Clarke's Hill 4 km south of Winkleigh.

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. This cleavage generally dips steeply to the west.

Hills (1998) described the principal joint sets in Denison Group rocks in the Beaconsfield Gold Mine 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 Blyth's Creek Formation and Corn Hill Beds shales and siltstones to the east and west are generally cleaved they are occasionally jointed with joint orientations consistent with those in the mine. 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.

5.7 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 2.5 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.

Exploration throughout EL 20/94 has targeted this style of mineralisation but with no success in the relinquished areas.

6.0 WORK COMPLETED AND RESULTS – Relinquished Areas

6.1 INTRODUCTION

Prior to 1998/99 exploration under the current EL 20/94 on the areas being relinquished had been restricted to a ridge top soil sampling programme which covered small portions of the Northwest and South Blocks. The results of this programme were found to be flawed, due to assaying error, during the course of more recent work. Corrected results only are included below.

During 1998/99 grid based mapping and soil sampling was undertaken over selected areas of outcropping pre-Permian rocks within EL 20/94. As far at the relinquished areas are concerned, all work was confined to the Northwest Block, principally on Peaked Hill but also in isolated areas on Leviathan Hill and outcropping areas of Corn Hill Beds along strike to the southeast.

6.2 GRIDDING

The grids were designed to be optimal for discovering north-east to east-northeast striking reefs similar to the Tasmania Reef. Consequently, grid lines were oriented at 330° true north. Although relatively broadly spaced for reefs only a few metres (at most) wide, soil sampling was undertaken at 50 metres spacing on 100 metre spaced grid line. It was hoped that relatively more mobile pathfinder elements such as arsenic, copper, lead and zinc would define sufficiently broad halos around potential interest areas to allow infill sampling to locate more narrowly focussed gold mineralisation.

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 which was aimed at defining areas for relinquishment. For this reasons classical B/C-horizon soil sampling using a hand auger was chosen as the most suitable method.

6.3 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.

6.4 SOIL SAMPLING

6.4.1 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 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 and the descriptions included in the soil ledger (appendix 1). 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 preparing the soil samples and the authors are 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 a number of 100m x 50m grid. The remainder were collected in localised infilling programmes on 50m x 50m grids. The location of all samples, with results, taken from within the relinquished areas are illustrated in figure 5. Figures 6 to 10 provide colour contoured images for Au, As, Cu, Pb and Zn respectively. Details of all soil samples including sample number, grid, AMG co-ordinates, grid co-ordinates, sample depth, analyses, +3mm chip descriptions and interpreted geology are included in appendix 1.

6.4.2 Re-assaying 1997 Ridge Top Soil Samples

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. However, it became apparent that the results of the Ridge Top soil sampling programme undertaken by the BMJV previously (Hills, 1997) were quite markedly elevated.

The analytical method used in early programme had a detection limit of 10ppb meaning that values around that 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 of the 1998/99 programme. The result was that almost all reassayed samples returned values below 1ppb Au. Further checking by the external laboratory where the samples had originally been assayed 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. The laboratory recalculated those values greater than 1ppb and reassayed a significant number of those pulps to confirm the validity of the recalculation

The correct results only are shown on figure 5 and have been included in appendix 1.

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
18ppb
5 cm
EL 20/94 - "Salisbury Hill"
Relinquished Part
Soil Sample Results
Au Image
Date:21/9/1999
Author: G MacDonald
Drawn : G MacDonald
File: SH RR99F6
Scale: 1:25000
Beaconsfield Mine
Joint Venture
ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)
Figure No. 6
131019

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

109ppm

5 cm

EL 20/94 - "Salisbury Hill"
Relinquished Part
Soil Sample Results
As Image

Date:21/9/1999 Author: G MacDonald
Drawn : G MacDonald File: SH RR99F7
Scale: 1:25000

Beaconsfield Mine
Joint Venture

ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)

Figure No. 7

131020

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
169ppm

EL 20/94 - "Salisbury Hill"

Relinquished Part
Soil Sample Results
Cu Image

Date:21/9/1999 Author: G MacDonald

Drawn : G MacDonald File: SH RR99FB

Scale: 1:26000

Beaconsfield Mine Joint Venture

ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)

Figure No. 8

131021

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
388ppm

EL 20/94 - "Salisbury Hill"

Relinquished Part
Soil Sample Results
Pb Image

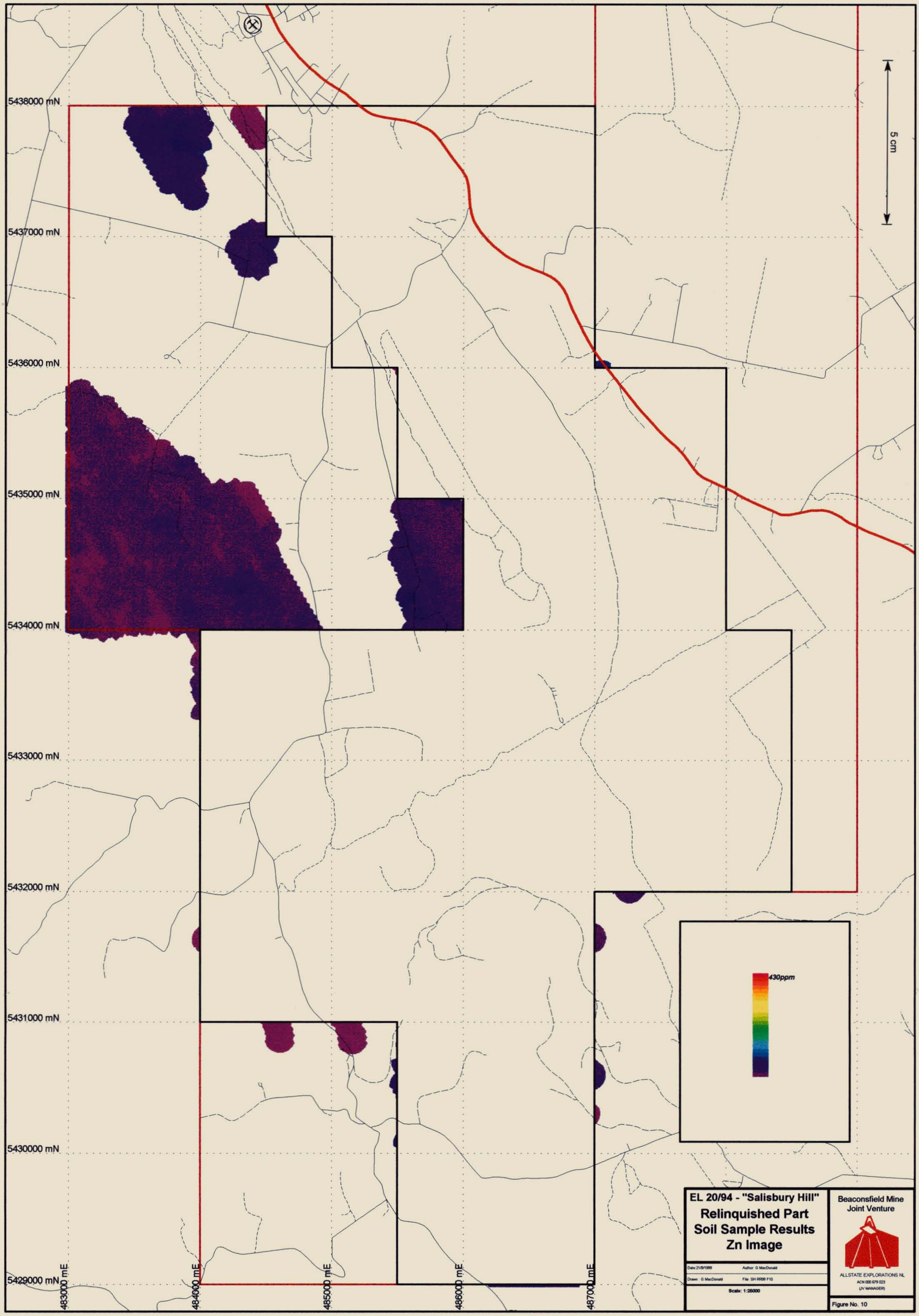
Date:21/9/1999 Author: G MacDonald
Drawn : G MacDonald File: SH RR99 F9
Scale: 1:25000

Beaconsfield Mine
Joint Venture

ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)

Figure No. 9

181022



EL 20/94 - "Salisbury Hill"
Relinquished Part Soil Sample Results Zn Image

Date:21/9/1999 | Author: G MacDonald
Drawn: G MacDonald | File: SH RR99 F10
Scale: 1:25000

Beaconsfield Mine Joint Venture
ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)

Figure No. 10

181023

6.4.3 Results/Conclusions

Figures 6 to 10 are colour enhanced images displaying anomalous zones for each of the elements. The DISCOVER software used in creating these images calculates a weighted average for every 20m square using a search ellipse (120m x 80m) oriented at 060° (TN) and a weighting factor of 5 which acts to smooth out the image but also tends to hide spot anomalies.

No significant anomalies were located within the relinquished areas but the following comments are made.

Leviathan Hill Grid

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.

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.

6.5 MAPPING

All grid lines marked for the soil sampling programme were mapped in detail. In addition the mapping the +3mm rock chips retained from the soil samples were logged and assigned to lithological units. This mapping is presented as figure 4. A number of rock samples were collected in course of geological mapping. Assay results for all samples are displayed in figure 4 and a detailed rock sample ledger is included in appendix 2.

Mapping located a series of short shallow trenches running 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 were <1 ppb Au.

6.6 LITHOGEOCHEMISTRY

Commencing in 1998, a programme of lithogeochemical sampling and assaying has been in progress throughout the Beaconsfield district. The aim of the programme is to determine the degree to which trace element geochemistry can be used as a tool for stratigraphic correlation and distinction of the extensive suite of Palaeozoic sediments across the Beaconsfield Block. Initial work concentrated on Denison Group correlates using the detailed drill core logging of Lewis (1998) as a quasi-type section. The programme was quickly expanded to encompass the Gordon and Mathinna Group correlates in the district and extended to sampling outside the immediate area for control purposes. To date a total of 253, samples have been collected from as far west as Deloraine (Purvis, 1998b) through Mt Careless (Purvis, 1998a), Winkleigh, (Morrison, Pers. Comm.), Flowery Gully (MacDonald, 1998a; 1999), Beaconsfield (MacDonald, 1998b) and Lefroy (Purvis, 1999). All samples have been analysed by ANALABS, Welshpool W.A. for Ti, Zr, V, Nb, Rb, Y, Ba, Sr, Sn, Cr and P using XRF and Ni and Co by AAS. In some cases other elements have also been read.

The programme is in its infancy but is starting to bear fruit assisting with the assignment of previously unassigned outcrops and in local and regional geological interpretation generally. To date three samples have been collected from within the relinquished portion of EL 20/94. These samples were collected on Leviathan Hill and Daakes' Hill and served to support assignment of the outcropping sediments to the Corn Hill Beds of Hills (1982) and thus correlateable with the Mathinna Group of northeastern Tasmania. Previously these rocks had been assigned to the Cambrian package at Beaconsfield by Gee and Legge (1971, 1979) and were presumed to be correlates of the Cambrian sequences of western Tasmania.

Lithogeochemical sample sites are illustrated in figure 4 and the analyses are tabulated in appendix 2. The remainder of the lithogeochemical database is considered proprietary at the present time.

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181028

APPENDIX 2

~~ROCK~~ SOIL SAMPLE LEDGER

181020

99_4379

Mid-Term Relinquishment Report - 1999 - Salisbury Hill, EL20/94
Allstate Explorations NL*; Beaconsfield Mine Joint Ven
Hills, P.B.; Macdonald, G. EL20/94

Appendix 1: Soil Sample Ledger

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
1997/98 Gridded soil programme															
214402	Pkd Hill	5434007.16	484009.4	16200	7800	0.5	<1	-	<1	13	4	8	10	ywish org wed fg qtz sst	OCTsst
214403	Pkd Hill	5434050.46	483984.4	16250	7800	0.6	<1	-	<1	7	2	6	6	ywish org wed fg qtz sst	OCTsst
214404	Pkd Hill	5434093.76	483959.4	16300	7800	0.5	<1	-	<1	3	3	<3	10	ywish org wed fg qtz sst	OCTsst
214405	Pkd Hill	5434137.07	483934.4	16350	7800	0.5	<1	-	<1	12	4	4	27	ywish org wed fg qtz sst	OCTsst
214406	Pkd Hill	5434180.37	483909.4	16400	7800	0.6	<1	-	<1	4	4	<3	10	ywish org wed fg qtz sst	OCTsst
214407	Pkd Hill	5434223.67	483884.4	16450	7800	0.5	<1	-	<1	6	4	3	12	ywish org wed fg qtz sst	OCTsst
214408	Pkd Hill	5434266.97	483859.4	16500	7800	0.5	<1	<1	<1	14	5	<3	10	ywish org wed fg qtz sst	OCTsst
214409	Pkd Hill	5434310.27	483834.4	16550	7800	0.5	<1	-	<1	4	3	<3	8	ywish org wed fg qtz sst	OCTsst
214410	Pkd Hill	5434353.57	483809.4	16600	7800	0.5	<1	-	<1	3	4	<3	5	ywish org wed fg qtz sst	OCTsst
214411	Pkd Hill	5434396.88	483784.4	16650	7800	0.7	<1	-	<1	23	5	6	7	ywish org cy/wed fg qtz sst	OCTsst
214412	Pkd Hill	5434440.18	483759.4	16700	7800	0.4	<1	-	<1	6	3	<3	4	ywish org cy/wed fg qtz sst	OCTsst
214413	Pkd Hill	5434483.48	483734.4	16750	7800	0.4	<1	-	<1	5	3	<3	2	ywish org cy/wed fg qtz sst	OCTsst
214414	Pkd Hill	5434526.78	483709.4	16800	7800	0.5	<1	-	<1	<1	3	<3	<2	ywish org cy/wed fg qtz sst	OCTsst
214415	Pkd Hill	5434570.08	483684.4	16850	7800	0.6	<1	-	<1	5	3	<3	5	ywish org cy/wed fg qtz sst	OCTsst
214416	Pkd Hill	5434613.38	483659.4	16900	7800	0.5	<1	-	<1	4	2	<3	8	ywish org cy/wed fg qtz sst	OCTsst
214417	Pkd Hill	5434656.68	483634.4	16950	7800	0.6	<1	-	<1	2	2	<3	3	ywish org cy/wed fg qtz sst	OCTsst
214418	Pkd Hill	5434699.99	483609.4	17000	7800	0.6	<1	-	<1	8	3	<3	2	ywish org cy/wed fg qtz sst	OCTsst
214419	Pkd Hill	5434743.29	483584.4	17050	7800	0.7	<1	<1	<1	6	3	<3	5	ywish org cy/wed fg qtz sst w lmc qtz frags	OCTsst
214420	Pkd Hill	5434786.59	483559.4	17100	7800	0.6	<1	<1	<1	13	3	<3	5	ywish org cy	?
214421	Pkd Hill	5434829.89	483534.4	17150	7800	0.7	<1	-	<1	3	2	<3	6	med ly gy qtz sst	OCTsst
214422	Pkd Hill	5434916.49	483484.4	17250	7800	0.4	<1	-	<1	2	4	<3	4	med ly gy qtz sst	OCTsst
214423	Pkd Hill	5434959.79	483459.4	17300	7800	0.5	<1	-	<1	2	2	<3	4	med ly gy qtz sst	OCTsst
214424	Pkd Hill	5435003.1	483434.4	17350	7800	0.6	<1	-	<1	6	3	<3	4	ywish org wed qtz sst, wy fol	OCTsst
214425	Pkd Hill	5435046.4	483409.4	17400	7800	0.6	<1	-	<1	4	3	9	9	ywish org wed qtz sst, wy fol	OCTsst
214426	Pkd Hill	5435089.7	483384.4	17450	7800	0.6	<1	-	<1	4	4	<3	4	ywish org wed qtz sst, wy fol	OCTsst
214427	Pkd Hill	5435133	483359.4	17500	7800	0.7	<1	-	<1	9	4	6	7	ywish org wed qtz sst, wy fol	OCTsst
214428	Pkd Hill	5435176.3	483334.4	17550	7800	0.7	<1	-	<1	11	11	9	10	olive green cy	?
214429	Pkd Hill	5435219.6	483309.4	17600	7800	0.8	<1	-	<1	5	3	15	5	ywish org wed qtz sst, wy fol	OCTsst
214430	Pkd Hill	5435262.91	483284.4	17650	7800	0.6	<1	-	<1	6	2	11	5	ywish org cy aft wed fg qtz sst	OCTsst
214431	Pkd Hill	5435306.21	483259.4	17700	7800	0.7	<1	-	<1	7	2	8	5	ywish org cy aft wed fg qtz sst	OCTsst
214432	Pkd Hill	5435349.51	483234.39	17750	7800	0.7	<1	-	<1	8	6	15	7	ywish org cy aft wed fg qtz sst	OCTsst
214433	Pkd Hill	5435392.81	483209.39	17800	7800	0.8	<1	-	<1	<1	2	<3	<2	med ly gy qtz sst	OCTsst
214434	Pkd Hill	5435436.11	483184.39	17850	7800	0.5	<1	-	<1	1	3	3	2	med ly gy qtz sst	OCTsst
214435	Pkd Hill	5435479.41	483159.39	17900	7800	0.6	<1	-	<1	7	4	<3	6	ywish org wed qtz sst	OCTsst
214436	Pkd Hill	5435522.71	483134.39	17950	7800	0.5	<1	-	<1	5	3	<3	4	ywish org wed qtz sst, wy fol	OCTsst
214437	Pkd Hill	5435566.02	483109.39	18000	7800	0.6	<1	-	<1	7	3	<3	3	ywish org wed qtz sst, wy fol	OCTsst
214438	Pkd Hill	5435609.32	483084.39	18050	7800	0.7	<1	<1	<1	11	7	6	5	ywish org wed qtz sst, wy fol	OCTsst
214439	Pkd Hill	5435652.62	483059.39	18100	7800	0.8	<1	-	<1	18	3	14	4	ywish org wed qtz sst, wy fol	OCTsst
214440	Pkd Hill	5435695.92	483034.39	18150	7800	0.7	<1	-	<1	8	3	13	6	ywish org wed qtz sst, wy fol	OCTsst
214441	Pkd Hill	5435739.22	483009.39	18200	7800	0.6	<1	-	<1	12	3	5	5	ywish org wed qtz sst, wy fol	OCTsst
214457	Pkd Hill	5434013.86	484121	16150	7900	0.6	<1	-	<1	4	2	<3	9	ywish org wed qtz sst, ocly wy fol	OCTsst
214458	Pkd Hill	5434057.16	484096	16200	7900	0.5	<1	-	<1	1	2	<3	6	ywish org wed qtz sst, ocly wy fol	OCTsst
214459	Pkd Hill	5434100.46	484071	16250	7900	0.4	<1	<1	<1	5	2	6	6	ywish org wed qtz sst, ocly wy fol	OCTsst
214460	Pkd Hill	5434143.77	484046	16300	7900	0.7	<1	-	<1	<1	3	11	11	ywish org wed qtz sst, ocly wy fol	OCTsst
214461	Pkd Hill	5434187.07	484021	16350	7900	0.4	<1	-	<1	3	2	<3	3	med ly gy qtz sst	OCTsst
214462	Pkd Hill	5434230.37	483996	16400	7900	0.3	<1	-	<1	4	3	<3	3	med ly gy qtz sst	OCTsst
214463	Pkd Hill	5434273.67	483971	16450	7900	0.4	<1	-	<1	3	2	3	4	med ly gy qtz sst	OCTsst
214464	Pkd Hill	5434316.97	483946	16500	7900	0.5	<1	-	<1	13	3	4	13	20mm tensional qtz vn	?
214465	Pkd Hill	5434360.27	483921	16550	7900	0.4	<1	-	<1	<1	2	<3	4	med ly gy qtz sst	OCTsst
214466	Pkd Hill	5434403.57	483896	16600	7900	0.4	<1	-	<1	<1	3	<3	10	med ly gy qtz sst	OCTsst
214467	Pkd Hill	5434446.88	483871	16650	7900	0.4	<1	-	<1	<1	<2	<3	7	med ly gy qtz sst	OCTsst
214468	Pkd Hill	5434490.18	483846	16700	7900	0.6	<1	-	<1	3	4	19	14	lmc qtz vn	?
214469	Pkd Hill	5434533.48	483821	16750	7900	0.9	<1	-	<1	3	2	<3	4	ywish org wed sst	OCTsst
214470	Pkd Hill	5434576.78	483796	16800	7900	0.5	<1	<1	<1	4	2	8	4	ywish org wed sst	OCTsst
214471	Pkd Hill	5434620.08	483771	16850	7900	0.5	<1	-	<1	2	2	3	7	ywish org wed sst	OCTsst
214472	Pkd Hill	5434663.38	483746	16900	7900	0.6	<1	<1	<1	4	3	4	10	ywish org wed sst	OCTsst
214473	Pkd Hill	5434706.68	483721	16950	7900	0.4	<1	-	<1	3	2	9	8	ywish org wed sst	OCTsst
214474	Pkd Hill	5434749.99	483696	17000	7900	0.5	<1	-	<1	2	2	3	10	ywish org wed sst	OCTsst
214475	Pkd Hill	5434793.29	483671	17050	7900	0.6	<1	-	<1	4	2	8	15	ywish org wed sst	OCTsst
214476	Pkd Hill	5434836.59	483646	17100	7900	0.7	<1	-	<1	11	4	9	14	ywish org wed sst	OCTsst
214477	Pkd Hill	5434879.89	483621	17150	7900	0.6	<1	-	<1	<1	2	<3	2	ywish org wed sst	OCTsst
214478	Pkd Hill	5434923.19	483596	17200	7900	0.6	<1	-	<1	<1	2	3	7	ywish org wed sst	OCTsst
214479	Pkd Hill	5434966.49	483571	17250	7900	0.6	<1	-	<1	3	2	9	12	ywish org wed sst	OCTsst
214480	Pkd Hill	5435009.79	483546	17300	7900	0.6	<1	-	<1	2	3	<3	7	ywish org wed sst	OCTsst
214481	Pkd Hill	5435053.1	483521	17350	7900	0.7	<1	-	<1	3	3	<3	5	olive gn cy	?
214482	Pkd Hill	5435096.4	483496	17400	7900	0.5	<1	-	<1	7	3	11	10	ywish org wed sst	OCTsst
214483	Pkd Hill	5435139.7	483471	17450	7900	0.8	<1	-	<1	3	2	8	7	ywish org wed sst	OCTsst
214484	Pkd Hill	5435183	483446	17500	7900	0.6	<1	-	<1	2	3	5	8	ywish org wed sst	OCTsst
214485	Pkd Hill	5435226.3	483421	17550	7900	0.5	<1	-	<1	4	2	6	4	ywish org wed sst	OCTsst
214486	Pkd Hill	5435269.6	483396	17600	7900	0.8	<1	-	<1	6	7	60	10	ywish org wed sst	OCTsst
214487	Pkd Hill	5435312.91	483371	17650	7900	0.9	<1	-	<1	1	2	<3	3	med ly gy qtz sst	OCTsst
214488	Pkd Hill	5435356.21	483346	17700	7900	0.8	<1	<1	<1	6	3	8	7	olive gn cy	?
214489	Pkd Hill	5435399.51	483321	17750	7900	0.8	<1	-	<1	1	2	10	5	ywish org wed sst	OCTsst
214490	Pkd Hill	5435442.81	483296	17800	7900	0.7	<1	-	<1	7	3	11	5	ywish org wed sst	OCTsst
214491	Pkd Hill	5435486.11	483271	17850	7900	0.3	<1	-	<1	2	2	<3	8	med ly gy qtz sst	OCTsst
214492	Pkd Hill	5435529.41	483246	17900	7900	0.6	<1	-	<1	6	3	5	20	ywish org wed qtz sst	OCTsst
214493	Pkd Hill	5435572.71	483221	17950	7900	0.6	<1	-	<1	2	2	3	8	ywish org wed qtz sst	OCTsst
214494	Pkd Hill	5435616.02	483196	18000	7900	0.3	<1	-	<1	3	4	<3	4	ywish org wed qtz sst	OCTsst
214495	Pkd Hill	5435659.32	483171	18050	7900	0.6	<1	<1	<1	11	5	27	5	ywish org wed qtz sst w lmc qtz vng	OCTsst
214496	Pkd Hill	5435702.62	483146	18100	7900	0.6	<1	-	<1	18	4	28	8	ywish org wed qtz sst w lmc qtz vng	OCTsst
214497	Pkd Hill	5435745.92	483121	18150	7900	0.6	<1	-	<1	1	2	4	2	lt gy qtz sst	OCTsst
214498	Pkd Hill	5435789.22	483096	18200	7900	0.5	<1	-	<1	2	3	4	2	med ly gy qtz sst, clayey	OCTsst
214499	Pkd Hill	5435832.52	483071	18250	7900	0.4	<1	-	<1	1	2	<3	2	med ly gy qtz sst, clayey	OCTsst
214500	Pkd Hill	5435875.82	483046	18300	7900	0.6	<1	-	<1	5	3	<3	6	ywish org cy aft sst	OCTsst
214516	Pkd Hill	5434020.56	484232.6	16100	8000	0.3	<1	-	<1	2	2	<3	4	lt gy wed sst	OCTsst
214517	Pkd Hill	5434063.86	484207.6	16150	8000	0.5	<1	-	<1	<1	2	<3	<2	lt gy wed sst	OCTsst
214518	Pkd Hill	5434107.16	484182.6	16200	8000	0.4	<1	-	<1	<1	<2	<3	3	ywish gy wed sst	OCTsst
214519	Pkd Hill	5434150.46	484157.6	16250	8000	0.5	<1	-	<1	5	3	<3	8	ywish gy wed sst	OCTsst
214520	Pkd Hill	5434193.77	484132.6	16300	8000	0.4	<1	<1	<1	<1	3	4	3	ywish gy wed sst	OCTsst
214521	Pkd Hill	5434237.07	484107.6	16350	8000	0.3	<1	-	<1	<1	3	6	2	med ly gy qtz sst	OCTsst
214522	Pkd Hill	5434280.37	484082.6	16400	8000	0.3	<1	-	<1	<1	2	4	7	ywish gy wed sst, wy/my fol	OCTsst
214523	Pkd Hill	5434323.67	484057.6	16450	8000	0.5	<1	-	<1	6	3	7	10	ywish gy wed sst	OCTsst
214524	Pkd Hill	5434366.97	484032.6	16500	8000	0.4	<1	-	<1	<1	<2	<3	2	ywish gy wed sst	OCTsst
214525	Pkd Hill	5434410.27	484007.6	16550	8000	0.5	<1	<1	<1	<1	2	5	3	ywish gy wed sst w lmc qtz vng	OCTsst
214526	Pkd Hill	5434453.57	483982.6	16600	8000	0.5	<1	-	<1	<1	3	5	2	ywish gy wed sst	OCTsst
214527	Pkd Hill	5434496.88	483957.6	16650	8000	0.6	<1	-	<1	<1	2	<3	<2	ywish gy wed sst	OCTsst
214528	Pkd Hill	5434540.18	483932.6	16700	8000	0.9	<1	-	<1	<1	3	9	13	ywish gy wed sst	OCTsst
214529	Pkd Hill	5434583.48	483907.6	16750	8000	0.4	<1	-	<1	<1	2	6	5	ywish gy wed sst	OCTsst
214530	Pkd Hill	5434626.78	483882.6	16800	8000	0.7	<1	-	<1	<1	3	12	11	Lywish org wed sst	OCTsst
214531	Pkd Hill	5434670.08	483857.6	16850	8000	0.7	<1	-	<1	3	2	4	4	Lywish org wed sst	OCTsst
214532	Pkd Hill	5434713.38	483832.6	16900	8000	0.7	<1	<1	<1	2	3	14	12	Lywish org wed sst	OCTsst
214533	Pkd Hill	5434756.68	483807.6	16950	8000	0.8	<1	-	<1	5	2	16	10	Lywish org wed sst	OCTsst
214534	Pkd Hill	5434799.99	483782.6	17000	8000	0.6	<1	-	<1	2	2	6	18	Lywish org wed sst	OCTsst
214535	Pkd Hill	5434843.29	483757.6	17050	8000	0.5	<1	-	<1	2	4	<3	15	Lywish org wed sst	OCTsst
214536	Pkd Hill	5434886.59	483732.6	17100	8000	0.6	<1	-	<1	2	3	<3	8	Lywish org wed sst	OCTsst
214537	Pkd Hill	5434929.89	483707.6	17150	8000	0.7	<1	-	<1	4	2	<3	5	Lywish org wed sst	OCTsst
214538	Pkd Hill	5434973.19	483682.6	17200	8000	0.7	<1	-	<1	5	2	<3	2	Lywish org wed sst	OCTsst
214539	Pkd Hill	5435016.49	483657.6	17250	8000	0.3	<1	-	<1	<1	4	<3	<2	lt gy wed sst w qtz vng	OCTsst
214540	Pkd Hill	5435059.8	483632.6	17300	8000	0.4	<1	-	<1	<1	2	<3	<2	lt gy wed sst	OCTsst
214541	Pkd Hill	5435103.1	483607.6	17350	8000	0.5	<1	-	<1	12	6	<3	7	dk ywish org cy	?
214542	Pkd Hill	5435146.4	483582.6	17400	8000	0.5	<1	-	<1	3	3	6	4	mod bn wed sst	OCTsst
214543	Pkd Hill	5435189.7	483557.6	17450	8000	0.8	<1	<1	<1	2	4	15	4	ywish org wed sst, wy fol	OCTsst
214544	Pkd Hill	5435233	483532.6	17500	8000	0.7	<1	-	<1	5	4	7	4	ywish org wed sst, wy fol	OCTsst
214545	Pkd Hill	5435276.3	483507.6	17550	8000	0.8	<1	-	<1	<1	3	<3	<2	ywish org wed sst, wy fol	OCTsst
214546	Pkd Hill	5435319.6	483482.6	17600	8000	0.7	<1	-	<1	1	3	3	<2	ywish org wed sst, wy fol	OCTsst
214547	Pkd Hill	5435362.91	483457.6	17650	8000	0.9	<1	-	<1	10	4	11	4	ywish org wed sst, wy fol	OCTsst
214548	Pkd Hill	5435406.21	483432.6	17700	8000	0.8	<1	-	<1	8	4	5	5	ywish org wed sst, wy fol	OCTsst
214549	Pkd Hill	5435449.51	483407.6	17750	8000	0.8	<1	<1	<1	<1	3	10	5	ywish org wed sst, wy fol	OCTsst
214550	Pkd Hill	5435492.81	483382.6	17800	8000	0.7	<1	-	<1	<1	2	7	<2	ywish org wed sst, wy fol	OCTsst
214551	Pkd Hill	5435536.11	483357.6	17850	8000	1.1	<1	-	<1	5	3	7	2	ywish org wed sst, wy fol	OCTsst
214552	Pkd Hill	5435579.41	483332.6	17900	8000	1.1	<1	<1	<1	2	3	8	<2	ywish org wed sst, wy fol	OCTsst
214553	Pkd Hill	5435622.71	483307.6	17950	8000	0.7	<1	-	<1	4	3	5	<2	ywish org wed sst, wy fol	OCTsst
214554	Pkd Hill	5435666.02	483282.6	18000	8000	0.7	<1	-	<1	8	4	6	2	ywish org wed sst, wy fol	OCTsst
214555	Pkd Hill	5435709.32	483257.6	18050	8000	0.8	<1	-	<1	5	4	6	3	ywish org wed sst, wy fol	OCTsst
214556	Pkd Hill	5435752.62	483232.6	18100	8000	0.8	<1	<1	<1	11	9	19	6	ywish org wed sst, wy fol	OCTsst
214572	Pkd Hill	5434027.26	484344.21	16050	8100	0.5	<1	-	<1	12	4	4	12	ywish org wed sst, wy fol	OCTsst
214573	Pkd Hill	5434070.56	484319.21	16100	8100	0.5	<1	-	<1	4	4	<3	8	ywish org wed sst, wy fol	OCTsst
214574	Pkd Hill	5434113.86	484294.21	16150	8100	0.4	<1	-	<1	<1	2	<3	6	ywish org wed sst, wy fol	OCTsst
214575	Pkd Hill	5434157.16	484269.21	16200	8100	0.6	<1	<1	<1	15	4	20	15	ywish org wed sst, wy fol	OCTsst
214576	Pkd Hill	5434200.46	484244.21	16250	8100	1.1	<1	-	<1	1	3	3	2	med ly gy qtz sst, wy fol	OCTsst
214577	Pkd Hill	5434243.77	484219.21	16300	8100	0.4	<1	-	<1	<1	3	<3	7	med ly gy qtz sst, wy fol	OCTsst
214578	Pkd Hill	5434287.07	484194.21	16350	8100	0.4	<1	-	<1	<1	4	<3	12	med ly gy qtz sst, wy fol	OCTsst
214579	Pkd Hill	5434330.37	484169.21	16400	8100	0.4	<1	-	<1	<1	3	6	8	med ly gy qtz sst, wy fol	OCTsst
214580	Pkd Hill	5434373.67	484144.21	16450	8100	0.5	<1	-	<1	1	3	9	15	med ly gy qtz sst, wy fol	OCTsst
214581	Pkd Hill	5434416.97	484119.21	16500	8100	0.6	<1	-	<1	4	3	14	6	dk ywish org cy aft wed sst	OCTsst
214582	Pkd Hill	5434460.27	484094.21	16550	8100	0.7	<1	-	<1	4	3	7	9	dk ywish org cy aft wed sst	OCTsst
214583	Pkd Hill	5434503.57	484069.21	16600	8100	0.6	<1	-	<1	1	3	<3	5	ywish org cy aft wed sst	OCTsst
214584	Pkd Hill	5434546.88	484044.21	16650	8100	0.5	<1	-	<1	1	2	4	4	ywish org cy aft wed sst	OCTsst
214585	Pkd Hill	5434590.18	484019.21	16700	8100	0.5	<1	-	<1	<1	2	<3	2	med ly gy qtz sst	OCTsst
214586	Pkd Hill	5434633.48	483994.21	16750	8100	0.8	<1	-	<1	<1	2	9	4	med ly gy qtz sst, wy fol	OCTsst
214587	Pkd Hill	5434676.78	483969.21	16800	8100	0.5	<1	-	<1	1	<2	<3	2	med ly gy qtz sst, wy fol	OCTsst
214588	Pkd Hill	5434720.08	483944.21	16850	8100	0.5	<1	-	<1	<1	2	6	6	ywish org wed sst, wy fol	OCTsst
214589	Pkd Hill	5434763.38	483919.21	16900	8100	0.5	<1	-	<1	<1	<2	<3	5	ywish org wed sst, wy fol	OCTsst
214590	Pkd Hill	5434806.68	483894.21	16950	8100	0.4	<1	-	<1	2	3	<3	2	ywish org wed sst, wy fol	OCTsst
214591	Pkd Hill	5434849.99	483869.21	17000	8100	0.5	<1	-	<1	<1	3	<3	3	ywish org wed sst, wy fol	OCTsst
214592	Pkd Hill	5434893.29	483844.21	17050	8100	0.6	<1	<1	<1	5	3	4	8	ywish org wed sst, wy fol	OCTsst
214593	Pkd Hill	5434936.59	483819.21	17100	8100	0.5	<1	-	<1	1	3	<3	3	ywish org wed sst, wy fol	OCTsst
214594	Pkd Hill	5434979.89	483794.21	17150	8100	0.3	<1	-	<1	<1	3	<3	2	ywish org wed sst, wy fol	OCTsst
214595	Pkd Hill	5435023.19	483769.21	17200	8100	0.7	<1	<1	<1	4	3	<3	4	ywish org wed sst, wy fol	OCTsst
214596	Pkd Hill	5435066.49	483744.21	17250	8100	0.4	<1	-	<1	1	5	<3	2	med ly gy qtz sst	OCTsst
214597	Pkd Hill	5435109.8	483719.2	17300	8100	0.4	<1	<1	<1	<1	4	<3	3	ywish org wed sst	OCTsst
214598	Pkd Hill	5435153.1	483694.2	17350	8100	0.7	<1	-	<1	2	4	<3	5	ywish org wed sst	OCTsst
214599	Pkd Hill	5435196.4	483669.2	17400	8100	0.7	<1	<1	<1	11	6	17	10	dk ywish org cy	?
214600	Pkd Hill	5435239.7	483644.2	17450	8100	0.4	<1	-	<1	<1	5	3	3	med ly gy qtz sst	OCTsst
214601	Pkd Hill	5435283	483619.2	17500	8100	0.5	<1	-	<1	<1	3	<3	2	ywish org wed sst	OCTsst
214602	Pkd Hill	5435326.3	483594.2	17550	8100	0.4	<1	-	<1	<1	5	3	<2	med ly gy qtz sst	OCTsst
214603	Pkd Hill	5435369.6	483569.2	17600	8100	0.4	<1	-	<1	<1	5	<3	2	med ly gy qtz sst	OCTsst
214604	Pkd Hill	5435412.91	483544.2	17650	8100	0.5	<1	-	<1	<1	<2	6	2	med ly gy qtz sst	OCTsst
214605	Pkd Hill	5435456.21	483519.2	17700	8100	0.4	<1	-	<1	<1	2	<3	<2	med ly gy qtz sst	OCTsst
214606	Pkd Hill	5435499.51	483494.2	17750	8100	0.5	<1	-	<1	<1	6	11	5	med ly gy qtz sst	OCTsst
214607	Pkd Hill	5435542.81	483469.2	17800	8100	0.8	<1	-	<1	5	16	17	7	pale yw bn wed sst	OCTsst
214608	Pkd Hill	5435586.11	483444.2	17850	8100	0.9	<1	-	<1	1	<2	7	4	pale yw bn wed sst	OCTsst
214609	Pkd Hill	5434873.19	483509.4	17200	7800	0.6	<1	-	<1	5	3	4	7	dk ywish org wed sst	OCTsst
214610	Pkd Hill	5434000.46	483897.8	16250	7700	0.5	<1	-	<1	1	2	<3	3	pale yw bn wed qtz sst	OCTsst
214611	Pkd Hill	5434043.76	483872.8	16300	7700	0.5	<1	-	<1	22	2	<3	7	dk ywish org wed qtz sst	OCTsst
214612	Pkd Hill	5434087.07	483847.79	16350	7700	0.4	<1	-	<1	9	2	<3	6	pale yw bn wed qtz sst	OCTsst
214613	Pkd Hill	5434130.37	483822.79	16400	7700	0.4	<1	-	<1	2	2	<3	2	pale yw bn wed qtz sst	OCTsst
214614	Pkd Hill	5434173.67	483797.79	16450	7700	0.4	<1	<1	<1	<1	2	<3	4	pale yw bn wed qtz sst	OCTsst
214615	Pkd Hill	5434216.97	483772.79	16500	7700	0.4	<1	-	<1	<1	4	<3	2	pale yw bn wed qtz sst	OCTsst
214616	Pkd Hill	5434260.27	483747.79	16550	7700	0.5	<1	-	<1	19	3	3	7	dk ywish org wed qtz sst	OCTsst
214617	Pkd Hill	5434303.57	483722.79	16600	7700	0.4	<1	-	<1	3	2	<3	2	pale yw bn wed qtz sst	OCTsst
214618	Pkd Hill	5434346.88	483697.79	16650	7700	0.3	<1	-	<1	<1	5	<3	2	pale yw bn wed qtz sst	OCTsst
214619	Pkd Hill	5434390.18	483672.79	16700	7700	0.5	<1	-	<1	18	2	5	2	dk ywish org wed qtz sst	OCTsst
214620	Pkd Hill	5434433.48	483647.79	16750	7700	0.4	<1	<1	<1	<1	2	<3	2	ywish org wed qtz sst	OCTsst
214621	Pkd Hill	5434476.78	483622.79	16800	7700	0.3	<1	-	<1	3	3	<3	<2	pale yw bn wed qtz sst	OCTsst
214622	Pkd Hill	5434520.08	483597.79	16850	7700	0.4	<1	<1	<1	<1	2	<3	<2	pale yw bn wed qtz sst	OCTsst
214623	Pkd Hill	5434563.38	483572.79	16900	7700	0.4	<1	-	<1	<1	3	<3	2	pale yw bn wed qtz sst	OCTsst
214624	Pkd Hill	5434606.68	483547.79	16950	7700	0.5	<1	-	<1	11	2	3	6	ywish org wed wy fol qtz sst	OCTsst
214625	Pkd Hill	5434649.99	483522.79	17000	7700	0.4	<1	-	<1	3	2	<3	4	ywish org wed wy fol qtz sst	OCTsst
214626	Pkd Hill	5434693.29	483497.79	17050	7700	0.3	<1	-	<1	3	2	<3	4	ywish org wed wy fol qtz sst	OCTsst
214627	Pkd Hill	5434736.59	483472.79	17100	7700	0.4	<1	-	<1	3	3	<3	3	ywish org wed wy fol qtz sst	OCTsst
214628	Pkd Hill	5434779.89	483447.79	17150	7700	0.7	<1	-	<1	1	3	3	2	ywish org cy aft wed sst also qtz vn fibrous	OCTsst
214629	Pkd Hill	5434823.19	483422.79	17200	7700	0.6	<1	-	<1	4	8	<3	4	ywish org cy aft wed qtz sst	OCTsst
214630	Pkd Hill	5434866.49	483397.79	17250	7700	0.5	<1	-	<1	1	4	<3	2	gyish org cy aft wed qtz sst	OCTsst
214631	Pkd Hill	5434909.79	483372.79	17300	7700	0.6	<1	-	<1	5	<2	3	3	gyish org cy aft wed qtz sst	OCTsst
214632	Pkd Hill	5434953.1	483347.79	17350	7700	0.6	<1	-	<1	6	3	6	9	gyish org cy aft wed qtz sst	OCTsst
214633	Pkd Hill	5434996.4	483322.79	17400	7700	0.5	<1	-	<1	12	3	<3	8	gyish org cy aft wed qtz sst	OCTsst
214634	Pkd Hill	5435039.7	483297.79	17450	7700	0.5	<1	-	<1	2	3	<3	3	gyish org cy aft wed qtz sst	OCTsst
214635	Pkd Hill	5435083	483272.79	17500	7700	0.6	<1	<1	<1	27	3	29	10	gyish org cy aft wed qtz sst	OCTsst
214636	Pkd Hill	5435126.3	483247.79	17550	7700	0.6	<1	-	<1	8	4	25	8	gyish org cy aft wed qtz sst	OCTsst
214637	Pkd Hill	5435169.6	483222.79	17600	7700	0.4	<1	-	<1	<1	3	8	<2	pale yw bn wed qtz sst	OCTsst
214638	Pkd Hill	5435212.91	483197.79	17650	7700	0.5	<1	-	<1	1	2	6	<2	pale yw bn wed qtz sst	OCTsst
214639	Pkd Hill	5435256.21	483172.79	17700	7700	0.5	<1	-	<1	25	2	56	9	gyish org wed qtz sst	OCTsst
214640	Pkd Hill	5435299.51	483147.79	17750	7700	0.4	<1	<1	<1	8	3	28	5	gyish org wed qtz sst	OCTsst
214641	Pkd Hill	5435342.81	483122.79	17800	7700	0.7	<1	-	<1	9	3	38	7	gyish org wed qtz sst	OCTsst
214642	Pkd Hill	5435386.11	483097.79	17850	7700	0.3	<1	-	<1	<1	2	3	<2	pale yw bn qtz sst	OCTsst
214643	Pkd Hill	5435429.41	483072.79	17900	7700	0.5	<1	-	<1	1	2	9	5	mod yw bn qts sst	OCTsst
214644	Pkd Hill	5435472.71	483047.79	17950	7700	0.8	<1	-	<1	1	2	<3	2	mod yw bn qts sst	OCTsst
214645	Pkd Hill	5435516.02	483022.79	18000	7700	0.4	<1	-	<1	10	6	6	9	mod yw bn qts sst	OCTsst
214646	Pkd Hill	5434666.97	484552.22	16500	8600	0.6	<1	<1	<1	2	<2	4	4	mod yw bn qts sst	OCTsst
214647	Pkd Hill	5434710.27	484527.22	16550	8600	0.6	<1	-	<1	10	3	16	5	mod yw bn qts sst	OCTsst
214648	Pkd Hill	5434753.58	484502.22	16600	8600	0.7	<1	-	<1	5	3	12	6	mod yw bn qts sst	OCTsst
214649	Pkd Hill	5434796.88	484477.22	16650	8600	0.6	<1	-	<1	<1	<2	3	<2	mod yw bn qts sst	OCTsst
214650	Pkd Hill	5434840.18	484452.22	16700	8600	0.5	<1	<1	<1	2	2	9	<2	dk ywish org cy aft wed sst	OCTsst
214651	Pkd Hill	5434883.48	484427.22	16750	8600	0.7	<1	-	<1	<1	2	<3	<2	med gy sand	all
214652	Pkd Hill	5434926.78	484402.22	16800	8600	0.6	<1	-	<1	1	<2	10	<2	v p org wed qtz sst	OCTscree
214653	Pkd Hill	5434970.08	484377.22	16850	8600	0.8	<1	-	<1	4	2	13	<2	ywish gy wed qtz sst w rdd pebbles	all
214654	Pkd Hill	5435013.38	484352.22	16900	8600	0.7	<1	-	<1	3	2	6	<2	gyish org wed qtz sst	OCTsst
214655	Pkd Hill	5435056.69	484327.22	16950	8600	0.7	<1	-	<1	8	3	10	<2	gyish org wed qtz sst	OCTsst
214656	Pkd Hill	5435099.99	484302.22	17000	8600	0.6	<1	-	<1	<1	<2	6	<2	Vlt gy lcd qtz sst w qtz vng	OCTscree
214657	Pkd Hill	5434037.07	483761.19	16350	7600	0.4	<1	-	<1	<1	2	8	<2	pale yw bn wed qtz sst	OCTsst
214658	Pkd Hill	5434080.37	483736.19	16400	7600	0.4	<1	-	<1	1	2	3	<2	pale yw bn wed qtz sst	OCTsst
214659	Pkd Hill	5434123.67	483711.19	16450	7600	0.4	<1	<1	<1	<1	4	<3	<2	pale yw bn wed qtz sst	OCTsst
214660	Pkd Hill	5434166.97	483686.19	16500	7600	0.4	<1	-	<1	4	3	12	<2	dk ywish org wedt qtz sst	OCTsst
214661	Pkd Hill	5434210.27	483661.19	16550	7600	0.4	<1	-	<1	<1	2	8	<2	pale yw bn wed qtz sst	OCTsst
214662	Pkd Hill	5434253.57	483636.19	16600	7600	0.4	<1	-	<1	1	3	9	<2	gyish org wed qtz sst	OCTsst
214663	Pkd Hill	5434296.87	483611.19	16650	7600	0.4	<1	-	<1	4	4	8	<2	gyish org wed qtz sst	OCTsst
214664	Pkd Hill	5434340.18	483586.19	16700	7600	0.5	<1	-	<1	30	5	18	5	gyish org wed qtz sst	OCTsst
214665	Pkd Hill	5434383.48	483561.19	16750	7600	0.6	<1	<1	<1	<1	4	8	2	med ly gy wed qtz sst	OCTsst
214666	Pkd Hill	5434426.78	483536.19	16800	7600	0.4	<1	-	<1	<1	5	5	7	med ly gy wed qtz sst	OCTsst
214667	Pkd Hill	5434470.08	483511.19	16850	7600	0.8	<1	-	<1	10	3	16	4	gyish org wed qtz sst	OCTsst
214668	Pkd Hill	5434513.38	483486.19	16900	7600	0.4	<1	-	<1	1	2	9	<2	gyish org wed qtz sst	OCTsst
214669	Pkd Hill	5434556.68	483461.19	16950	7600	0.5	<1	-	<1	1	3	4	<2	med ly gy wed qtz sst	OCTsst
214670	Pkd Hill	5434599.99	483436.19	17000	7600	0.6	<1	-	<1	<1	<2	6	<2	gyish org wed qtz sst	OCTsst
214671	Pkd Hill	5434643.29	483411.19	17050	7600	0.6	<1	<1	<1	1	2	<3	<2	gyish org wed qtz sst	OCTsst
214672	Pkd Hill	5434686.59	483386.19	17100	7600	0.4	<1	-	<1	4	4	4	<2	gyish org wed qtz sst	OCTsst
214673	Pkd Hill	5434729.89	483361.19	17150	7600	0.4	<1	-	<1	1	<2	<3	<2	gyish org wed qtz sst	OCTsst
214674	Pkd Hill	5434773.19	483336.19	17200	7600	0.4	<1	-	<1	2	2	9	<2	gyish org wed qtz sst	OCTsst
214675	Pkd Hill	5434816.49	483311.19	17250	7600	0.7	<1	-	<1	11	6	22	6	gyish org cy	OCTsst
214676	Pkd Hill	5434859.79	483286.19	17300	7600	0.6	<1	-	<1	11	3	9	3	gyish org cy	OCTsst
214677	Pkd Hill	5434903.1	483261.19	17350	7600	0.7	<1	-	<1	3	3	13	3	gyish org wed qtz sst	OCTsst
214678	Pkd Hill	5434946.4	483236.19	17400	7600	0.5	<1	-	<1	3	2	6	2	gyish org wed qtz sst	OCTsst
214679	Pkd Hill	5434989.7	483211.19	17450	7600	0.4	<1	-	<1	5	<2	3	2	gyish org wed qtz sst	OCTsst
214680	Pkd Hill	5435033	483186.19	17500	7600	0.5	<1	<1	<1	8	3	19	<2	gyish org wed qtz sst	OCTsst
214681	Pkd Hill	5435076.3	483161.19	17550	7600	0.5	<1	-	<1	<1	2	4	2	gyish org wed qtz sst w qtz vng	OCTsst
214682	Pkd Hill	5435119.6	483136.19	17600	7600	0.8	<1	-	<1	1	2	19	<2	gyish org wed qtz sst	OCTsst
214683	Pkd Hill	5435162.9	483111.19	17650	7600	0.4	<1	-	<1	5	3	4	<2	gyish org wed qtz sst	OCTsst
214684	Pkd Hill	5435206.21	483086.19	17700	7600	0.7	<1	-	<1	7	2	11	4	gyish org wed qtz sst	OCTsst
214685	Pkd Hill	5435249.51	483061.19	17750	7600	0.7	<1	-	<1	2	<2	3	<2	gyish org wed qtz sst	OCTsst
214686	Pkd Hill	5435292.81	483036.19	17800	7600	0.7	<1	-	<1	3	2	4	<2	pale yw bn wed qtz sst	OCTsst
214687	Pkd Hill	5435336.11	483011.19	17850	7600	0.4	<1	-	<1	<1	3	3	<2	pale yw bn wed qtz sst	OCTsst
214688	Pkd Hill	5434030.37	483649.59	16400	7500	0.3	<1	-	<1	3	2	5	<2	pale yw bn wed qtz sst	OCTsst
214689	Pkd Hill	5434073.67	483624.59	16450	7500	0.4	<1	-	<1	<1	3	<3	<2	pale yw bn wed qtz sst	OCTsst
214690	Pkd Hill	5434116.97	483599.59	16500	7500	0.4	<1	-	<1	6	3	<3	2	pale yw bn wed qtz sst	OCTsst
214691	Pkd Hill	5434160.27	483574.59	16550	7500	0.4	<1	-	<1	<1	3	<3	3	pale yw bn wed qtz sst	OCTsst
214692	Pkd Hill	5434203.57	483549.59	16600	7500	0.4	<1	-	<1	<1	4	3	4	pale yw bn wed qtz sst	OCTsst
214693	Pkd Hill	5434246.87	483524.59	16650	7500	0.4	<1	-	<1	<1	4	<3	3	pale yw bn wed qtz sst	OCTsst
214694	Pkd Hill	5434290.18	483499.59	16700	7500	0.5	<1	<1	<1	1	2	8	4	gyish org wy fol qtz sst	OCTsst
214695	Pkd Hill	5434333.48	483474.59	16750	7500	0.4	<1	-	<1	3	3	<3	3	pale yw bn wed qtz sst	OCTsst
214696	Pkd Hill	5434376.78	483449.59	16800	7500	0.3	<1	<1	<1	<1	4	<3	2	pale yw bn wed qtz sst	OCTsst
214697	Pkd Hill	5434420.08	483424.59	16850	7500	0.4	<1	-	<1	3	2	<3	2	pale yw bn wed qtz sst	OCTsst
214698	Pkd Hill	5434463.38	483399.59	16900	7500	0.4	<1	-	<1	1	5	5	<2	pale yw bn wed qtz sst	OCTsst
214699	Pkd Hill	5434506.68	483374.59	16950	7500	0.4	<1	-	<1	1	4	4	3	pale yw bn wed qtz sst	OCTsst
214700	Pkd Hill	5434549.99	483349.59	17000	7500	0.4	<1	-	<1	10	3	11	3	p yw org clayey wed qtz sst	OCTsst
214701	Pkd Hill	5434593.29	483324.59	17050	7500	0.4	<1	-	<1	3	3	3	3	lt gy wed qtz sst	OCTsst
214702	Pkd Hill	5434636.59	483299.59	17100	7500	0.4	<1	-	<1	20	3	37	8	dk ywish org wed qtz sst	OCTsst
214703	Pkd Hill	5434679.89	483274.59	17150	7500	0.5	<1	-	<1	23	3	132	9	dk ywish org wed qtz sst	OCTsst
214704	Pkd Hill	5434723.19	483249.59	17200	7500	0.4	<1	<1	<1	13	3	193	7	dk ywish org wed qtz sst	OCTsst
214705	Pkd Hill	5434766.49	483224.59	17250	7500	0.3	<1	-	<1	11	3	68	8	dk ywish org wed qtz sst	OCTsst
214706	Pkd Hill	5434809.79	483199.59	17300	7500	0.6	<1	-	<1	8	4	13	5	dk ywish org wed qtz sst	OCTsst
214707	Pkd Hill	5434853.1	483174.59	17350	7500	0.6	<1	-	<1	1	2	3	2	lt gy wed 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 ywish org cy aft wed qtz sst	OCTsst
214709	Pkd Hill	5434939.7	483124.59	17450	7500	0.3	<1	-	<1	2	2	3	5	dk ywish org wed qtz sst	OCTsst
214710	Pkd Hill	5434983	483099.59	17500	7500	0.4	<1	-	<1	2	2	7	3	dk ywish org wed qtz sst	OCTsst
214711	Pkd Hill	5435026.3	483074.59	17550	7500	0.6	<1	-	<1	6	4	16	8	dk ywish org wed qtz sst	OCTsst
214712	Pkd Hill	5435069.6	483049.59	17600	7500	0.4	<1	-	<1	1	3	3	2	lt gy wed qtz sst	OCTsst
214713	Pkd Hill	5435112.9	483024.59	17650	7500	0.5	<1	-	<1	<1	2	<3	<2	lt gy wed qtz sst	OCTsst
214714	Pkd Hill	5435156.21	482999.59	17700	7500	0.5	<1	-	<1	2	2	5	6	gyish org wed qtz sst	OCTsst
214715	Pkd Hill	5434023.67	483537.99	16450	7400	0.4	<1	-	<1	1	2	<3	2	gyish org wed qtz sst	OCTsst
214716	Pkd Hill	5434066.97	483512.99	16500	7400	0.4	<1	-	<1	1	2	3	2	med ly gy wed qts sst	OCTsst
214717	Pkd Hill	5434110.27	483487.99	16550	7400	0.4	<1	-	<1	1	2	<3	2	med ly gy wed qts sst	OCTsst
214718	Pkd Hill	5434153.57	483462.99	16600	7400	0.4	<1	-	<1	<1	2	<3	<2	med ly gy wed qts sst	OCTsst
214719	Pkd Hill	5434196.87	483437.99	16650	7400	0.4	<1	-	<1	1	2	<3	<2	med ly gy wed qts sst	OCTsst
214720	Pkd Hill	5434240.18	483412.99	16700	7400	0.4	<1	-	<1	4	6	5	5	v p org wed qtz sst	OCTsst
214721	Pkd Hill	5434283.48	483387.99	16750	7400	0.4	<1	<1	<1	2	3	3	<2	lt gy wed qtz sst	OCTsst
214722	Pkd Hill	5434326.78	483362.99	16800	7400	0.4	<1	-	<1	<1	2	6	2	lt gy wed qtz sst	OCTsst
214723	Pkd Hill	5434370.08	483337.98	16850	7400	0.4	<1	-	<1	4	2	3	3	gyish org wed qtz sst	OCTsst
214724	Pkd Hill	5434413.38	483312.98	16900	7400	0.4	<1	<1	<1	2	3	<3	3	gyish org wed qtz sst	OCTsst
214725	Pkd Hill	5434456.68	483287.98	16950	7400	0.3	<1	-	<1	4	3	<3	2	gyish org wed qtz sst	OCTsst
214726	Pkd Hill	5434499.98	483262.98	17000	7400	0.5	<1	-	<1	13	3	10	<2	gyish org wed qtz sst	OCTsst
214727	Pkd Hill	5434543.29	483237.98	17050	7400	0.4	<1	-	<1	3	2	<3	<2	gyish org wed qtz sst	OCTsst
214728	Pkd Hill	5434586.59	483212.98	17100	7400	0.4	<1	<1	<1	3	2	10	<2	gyish org wed qtz sst	OCTsst
214729	Pkd Hill	5434629.89	483187.98	17150	7400	0.8	<1	-	<1	<1	2	<3	<2	v p org sand aft qtz sst	OCTsst
214730	Pkd Hill	5434673.19	483162.98	17200	7400	0.4	<1	-	<1	3	3	<3	<2	lt gy wed qtz sst	OCTsst
214731	Pkd Hill	5434716.49	483137.98	17250	7400	0.6	<1	-	<1	2	2	<3	<2	dk ywish org wed qtz sst	OCTsst
214732	Pkd Hill	5434759.79	483112.98	17300	7400	0.7	<1	-	<1	5	2	4	2	pale yw bn qtz sst	OCTsst
214733	Pkd Hill	5434803.1	483087.98	17350	7400	0.5	<1	-	<1	2	2	4	<2	gyish org wed qtz sst	OCTsst

214734	Pkd Hill	5434846.4	483062.98	17400	7400	0.6	<1	-	<1	3	2	<3	2	gyish org wed qtz sst	OCTsst
214735	Pkd Hill	5434889.7	483037.98	17450	7400	0.5	<1	-	<1	6	2	4	6	gyish org wed qtz sst	OCTsst
214736	Pkd Hill	5434933	483012.98	17500	7400	0.4	<1	-	<1	<1	2	<3	<2	pale yw bn wed qtz sst	OCTsst
214737	Pkd Hill	5434016.97	483426.38	16500	7300	0.5	<1	-	<1	1	2	<3	<2	pale yw bn wed qtz sst	OCTsst
214738	Pkd Hill	5434060.27	483401.38	16550	7300	0.5	<1	<1	<1	2	2	19	<2	gyish org wed qtz sst	OCTsst
214739	Pkd Hill	5434103.57	483376.38	16600	7300	0.4	<1	-	<1	2	2	<3	<2	med ly gy qtz sst	OCTsst
214740	Pkd Hill	5434146.87	483351.38	16650	7300	0.5	<1	-	<1	<1	2	6	<2	med ly gy qtz sst	OCTsst
214741	Pkd Hill	5434190.18	483326.38	16700	7300	0.6	<1	<1	<1	3	<2	15	5	dk ywish org clayey wed qtz sst	OCTsst
214742	Pkd Hill	5434233.48	483301.38	16750	7300	0.4	<1	-	<1	<1	<2	6	2	pale yw bn wed qtz sst	OCTsst
214743	Pkd Hill	5434276.78	483276.38	16800	7300	0.6	<1	-	<1	17	<2	11	5	pale yw bn wed qtz sst	OCTsst
214744	Pkd Hill	5434320.08	483251.38	16850	7300	0.4	<1	-	<1	<1	<2	3	<2	pale yw bn wed qtz sst	OCTsst
214745	Pkd Hill	5434363.38	483226.38	16900	7300	0.4	<1	-	<1	<1	<2	5	<2	med ly gy wed qtz sst	OCTsst
214746	Pkd Hill	5434406.68	483201.38	16950	7300	0.8	<1	<1	<1	1	<2	<3	2	med ly gy wed qtz sst	OCTsst
214747	Pkd Hill	5434449.98	483176.38	17000	7300	0.5	<1	-	<1	<1	2	7	<2	med ly gy wed qtz sst	OCTsst
214748	Pkd Hill	5434493.29	483151.38	17050	7300	0.6	<1	-	<1	<1	<2	<3	<2	med ly gy wed qtz sst	OCTsst
214749	Pkd Hill	5434536.59	483126.38	17100	7300	0.6	<1	-	<1	<1	<2	<3	<2	med ly gy wed qtz sst	OCTsst
214750	Pkd Hill	5434579.89	483101.38	17150	7300	0.7	<1	-	<1	<1	2	<3	<2	lt gy wed qtz sst	OCTsst
214751	Pkd Hill	5434623.19	483076.38	17200	7300	0.5	<1	-	<1	2	2	<3	9	lt gy wed qtz sst	OCTsst
214752	Pkd Hill	5434666.49	483051.38	17250	7300	0.5	<1	-	<1	<1	2	<3	7	lt gy wed qtz sst	OCTsst
214753	Pkd Hill	5434709.79	483026.38	17300	7300	0.5	<1	-	<1	<1	2	<3	3	med ly gy wed qtz sst	OCTsst
214754	Pkd Hill	5434753.1	483001.38	17350	7300	0.5	<1	-	<1	<1	<2	<3	5	med ly gy wed qtz sst	OCTsst
214755	Pkd Hill	5434010.27	483314.78	16550	7200	0.4	<1	-	<1	5	<2	<3	3	v p org wed qtz sst	OCTsst
214756	Pkd Hill	5434053.57	483289.78	16600	7200	0.4	<1	-	<1	<1	2	<3	2	v p org wed qtz sst	OCTsst
214757	Pkd Hill	5434096.87	483264.78	16650	7200	0.5	<1	-	<1	2	2	<3	2	v p org wed qtz sst	OCTsst
214758	Pkd Hill	5434140.18	483239.78	16700	7200	0.4	<1	-	<1	5	<2	3	2	gyish org wed qtz sst	OCTsst
214759	Pkd Hill	5434183.48	483214.78	16750	7200	0.5	<1	<1	<1	4	<2	<3	2	gyish org wed qtz sst	OCTsst
214760	Pkd Hill	5434226.78	483189.78	16800	7200	0.6	<1	-	<1	<1	2	<3	<2	med ly gy wed qtz sst	OCTsst
214761	Pkd Hill	5434270.08	483164.78	16850	7200	0.5	<1	-	<1	<1	2	<3	2	med ly gy wed qtz sst	OCTsst
214762	Pkd Hill	5434313.38	483139.78	16900	7200	0.5	<1	-	<1	<1	2	3	2	med ly gy wed qtz sst	OCTsst
214763	Pkd Hill	5434356.68	483114.78	16950	7200	0.6	<1	<1	<1	2	2	<3	<2	gyish org wed qtz sst	OCTsst
214764	Pkd Hill	5434399.98	483089.78	17000	7200	0.8	<1	-	<1	2	<2	<3	<2	gyish org wed qtz sst	OCTsst
214765	Pkd Hill	5434443.29	483064.78	17050	7200	0.5	<1	-	<1	1	6	<3	3	med ly gy wed qtz sst	OCTsst
214766	Pkd Hill	5434486.59	483039.78	17100	7200	0.4	<1	-	<1	1	<2	5	<2	med ly gy wed qtz sst	OCTsst
214767	Pkd Hill	5434529.89	483014.78	17150	7200	0.4	<1	-	<1	<1	<2	4	<2	med ly gy wed qtz sst	OCTsst
214768	Pkd Hill	5434003.57	483203.18	16600	7100	0.5	<1	-	<1	1	<2	6	2	gyish org wed qtz sst	OCTsst
214769	Pkd Hill	5434046.87	483178.18	16650	7100	0.4	<1	-	<1	<1	<2	9	2	gyish org wed qtz sst	OCTsst
214770	Pkd Hill	5434090.18	483153.18	16700	7100	0.3	<1	-	<1	4	3	6	2	med ly gy qtz sst	OCTsst
214771	Pkd Hill	5434133.48	483128.18	16750	7100	0.5	<1	<1	<1	<1	<2	4	2	med ly gy qtz sst	OCTsst
214772	Pkd Hill	5434176.78	483103.18	16800	7100	0.5	<1	-	<1	<1	2	<3	2	med ly gy qtz sst	OCTsst
214773	Pkd Hill	5434220.08	483078.18	16850	7100	0.4	<1	-	<1	<1	<2	<3	2	med ly gy qtz sst	OCTsst
214774	Pkd Hill	5434263.38	483053.18	16900	7100	0.6	<1	-	<1	2	<2	<3	2	med ly gy qtz sst	OCTsst
214775	Pkd Hill	5434306.68	483028.18	16950	7100	0.5	<1	-	<1	<1	<2	<3	3	med ly gy qtz sst	OCTsst
214776	Pkd Hill	5434349.98	483003.18	17000	7100	0.4	<1	-	<1	<1	2	<3	2	med ly gy qtz sst	OCTsst
214778	Pkd Hill	5434040.18	483066.57	16700	7000	0.4	<1	-	<1	12	23	9	15	gyish org wed qtz sst	OCTsst
214779	Pkd Hill	5434083.48	483041.57	16750	7000	0.4	<1	-	<1	5	14	<3	9	gyish org wed qtz sst	OCTsst
214780	Pkd Hill	5434126.78	483016.57	16800	7000	0.4	<1	<1	<1	3	5	13	3	gyish org wed qtz sst	OCTsst
214796	Pkd Hill	5434033.96	484455.81	16000	8200	0.5	<1	<1	<1	<1	2	<3	6	ywish org wed qtz sst	OCTsst
214797	Pkd Hill	5434077.26	484430.81	16050	8200	0.5	<1	-	<1	3	4	<3	12	ywish org wed qtz sst	OCTsst
214798	Pkd Hill	5434120.56	484405.81	16100	8200	0.4	<1	<1	<1	3	2	<3	3	ywish org wed qtz sst	OCTsst
214799	Pkd Hill	5434163.86	484380.81	16150	8200	0.6	<1	<1	<1	5	5	<3	21	dk ywish org clay	OCTsst
214800	Pkd Hill	5434207.16	484355.81	16200	8200	0.5	<1	-	<1	<1	2	<3	8	gyish org clayey wed qtz sst	OCTsst
214801	Pkd Hill	5434250.46	484330.81	16250	8200	0.4	<1	-	<1	<1	<2	5	10	gyish org clayey wed qtz sst	OCTsst
214802	Pkd Hill	5434293.77	484305.81	16300	8200	0.4	<1	-	<1	<1	<2	5	40	gyish org clayey wed qtz sst	OCTsst
214803	Pkd Hill	5434337.07	484280.81	16350	8200	0.5	<1	-	<1	5	2	4	23	gyish org clayey wed qtz sst	OCTsst
214804	Pkd Hill	5434380.37	484255.81	16400	8200	0.6	<1	-	<1	<1	3	9	19	gyish org clayey wed qtz sst	OCTsst
214805	Pkd Hill	5434423.67	484230.81	16450	8200	0.5	<1	-	<1	<1	<2	<3	<2	lt gy qtz sst	OCTsst
214806	Pkd Hill	5434466.97	484205.81	16500	8200	0.6	<1	-	<1	<1	<2	3	4	gyish org clayey wed qtz sst	OCTsst
214807	Pkd Hill	5434510.27	484180.81	16550	8200	0.6	<1	-	<1	<1	3	<3	2	gyish org clayey wed qtz sst	OCTsst
214808	Pkd Hill	5434553.57	484155.81	16600	8200	0.4	<1	-	<1	<1	<2	<3	<2	mod yw bn qtz sst	OCTsst
214809	Pkd Hill	5434596.88	484130.81	16650	8200	0.9	<1	-	<1	<1	<2	<3	<2	mod yw bn qtz sst	OCTsst
214810	Pkd Hill	5434640.18	484105.81	16700	8200	0.6	<1	-	<1	<1	<2	3	<2	gyish org wed qtz sst	OCTsst
214811	Pkd Hill	5434683.48	484080.81	16750	8200	0.6	<1	-	<1	<1	2	11	3	gyish org wed qtz sst	OCTsst
214812	Pkd Hill	5434726.78	484055.81	16800	8200	0.8	<1	-	<1	<1	2	33	2	gyish org wed qtz sst	OCTsst
214813	Pkd Hill	5434770.08	484030.81	16850	8200	0.6	<1	-	<1	<1	2	6	6	gyish org wed qtz sst	OCTsst
214814	Pkd Hill	5434813.38	484005.81	16900	8200	0.6	<1	-	<1	<1	2	14	5	gyish org wed qtz sst	OCTsst
214815	Pkd Hill	5434856.69	483980.81	16950	8200	0.5	<1	<1	<1	<1	<2	<3	3	gyish org wed qtz sst	OCTsst
214816	Pkd Hill	5434899.99	483955.81	17000	8200	0.7	<1	-	<1	4	2	7	6	gyish org wed qtz sst	OCTsst
214817	Pkd Hill	5434943.29	483930.81	17050	8200	0.6	<1	-	<1	5	2	3	2	gyish org wed qtz sst w qtz vng	OCTsst
214818	Pkd Hill	5434986.59	483905.81	17100	8200	0.6	<1	-	<1	<1	2	<3	<2	gyish org wed qtz sst	OCTsst
214819	Pkd Hill	5435029.89	483880.81	17150	8200	0.5	<1	-	<1	<1	<2	<3	<2	gyish org wed qtz sst	OCTsst
214820	Pkd Hill	5435073.19	483855.81	17200	8200	0.4	<1	-	<1	15	2	6	<2	gyish org wed qtz sst	OCTsst
214821	Pkd Hill	5435116.49	483830.81	17250	8200	0.7	<1	<1	<1	<1	2	<3	4	gyish org wed qtz sst	OCTsst
214822	Pkd Hill	5435159.8	483805.81	17300	8200	0.6	<1	-	<1	2	6	6	9	gyish org clayey wed qtz sst	OCTsst
214823	Pkd Hill	5435203.1	483780.81	17350	8200	0.7	<1	-	<1	4	5	6	8	gyish org clayey wed qtz sst	OCTsst
214824	Pkd Hill	5435246.4	483755.81	17400	8200	0.7	<1	<1	<1	<1	6	7	7	gyish org clayey wed qtz sst	OCTsst
214825	Pkd Hill	5435289.7	483730.81	17450	8200	0.4	<1	-	<1	2	6	8	6	pale yw bn wed qtz sst	OCTsst
214826	Pkd Hill	5435333	483705.81	17500	8200	0.4	<1	-	<1	<1	2	<3	<2	lt gy lcd qtz sst	OCTsst
214827	Pkd Hill	5435376.3	483680.81	17550	8200	0.5	<1	-	<1	<1	<2	<3	<2	lt gy lcd qtz sst	OCTsst
214828	Pkd Hill	5435419.6	483655.81	17600	8200	0.5	<1	-	<1	2	<2	<3	<2	lt gy lcd qtz sst	OCTsst
214843	Pkd Hill	5434040.66	484567.41	15950	8300	0.6	<1	<1	<1	7	3	<3	15	gyish org wed qtz sst	OCTsst
214844	Pkd Hill	5434083.96	484542.41	16000	8300	0.5	<1	-	<1	2	<2	5	11	gyish org wed qtz sst	OCTsst
214845	Pkd Hill	5434127.26	484517.41	16050	8300	0.5	<1	-	<1	4	2	<3	9	gyish org wed qtz sst	OCTsst
214846	Pkd Hill	5434170.56	484492.41	16100	8300	0.5	<1	<1	<1	<1	3	<3	15	gyish org wed qtz sst	OCTsst
214847	Pkd Hill	5434213.86	484467.41	16150	8300	0.4	<1	-	<1	<1	<2	3	7	gyish org wed qtz sst	OCTsst
214848	Pkd Hill	5434257.16	484442.41	16200	8300	0.6	<1	-	<1	3	3	5	15	gyish org wed wy fol qtz sst	OCTsst
214849	Pkd Hill	5434300.46	484417.41	16250	8300	0.4	<1	-	<1	1	9	<3	8	gyish org wed qtz sst	OCTsst
214850	Pkd Hill	5434343.77	484392.41	16300	8300	0.6	<1	<1	<1	9	4	6	19	dk ywish org clayey wed qtz sst	OCTsst
214851	Pkd Hill	5434387.07	484367.41	16350	8300	0.5	<1	-	<1	2	2	<3	14	gyish org wed qtz sst	OCTsst
214852	Pkd Hill	5434430.37	484342.41	16400	8300	0.4	<1	-	<1	<1	2	<3	9	gyish org wed qtz sst	OCTsst
214853	Pkd Hill	5434473.67	484317.41	16450	8300	0.5	<1	-	<1	<1	2	<3	11	gyish org wed qtz sst	OCTsst
214854	Pkd Hill	5434516.97	484292.41	16500	8300	0.6	<1	<1	<1	<1	<2	<3	9	gyish org wed qtz sst	OCTsst
214855	Pkd Hill	5434560.27	484267.41	16550	8300	0.7	<1	-	<1	1	<2	<3	6	gyish org wed qtz sst	OCTsst
214856	Pkd Hill	5434603.57	484242.41	16600	8300	0.6	<1	-	<1	2	<2	4	3	gyish org wed qtz sst	OCTsst
214857	Pkd Hill	5434646.88	484217.41	16650	8300	0.6	<1	-	<1	<1	<2	<3	<2	lt gy wed qtz sst	OCTsst
214858	Pkd Hill	5434690.18	484192.41	16700	8300	0.7	<1	-	<1	3	2	14	7	gyish org wed qtz sst	OCTsst
214859	Pkd Hill	5434733.48	484167.41	16750	8300	1	<1	-	<1	<1	<2	<3	<2	gyish org wed qtz sst	OCTsst
214860	Pkd Hill	5434776.78	484142.41	16800	8300	0.4	<1	-	<1	<1	<2	4	<2	gyish org wed qtz sst	OCTsst
214861	Pkd Hill	5434820.08	484117.41	16850	8300	0.5	<1	-	<1	<1	<2	3	3	gyish org wed qtz sst	OCTsst
214862	Pkd Hill	5434863.38	484092.41	16900	8300	0.6	<1	-	<1	<1	<2	<3	<2	gyish org wed qtz sst	OCTsst
214863	Pkd Hill	5434906.69	484067.41	16950	8300	0.8	<1	-	<1	3	<2	<3	2	pale yw bn wed qtz sst	OCTsst
214864	Pkd Hill	5434949.99	484042.41	17000	8300	0.6	<1	-	<1	2	3	13	14	gyish org wed qtz sst	OCTsst
214865	Pkd Hill	5434993.29	484017.41	17050	8300	0.8	<1	-	<1	1	2	9	9	pale yw bn qtz sst	OCTsst
214866	Pkd Hill	5435036.59	483992.41	17100	8300	0.6	<1	-	<1	2	3	22	9	gyish org clayey wed qtz sst	OCTsst
214867	Pkd Hill	5435079.89	483967.41	17150	8300	0.9	<1	-	<1	8	2	12	11	gyish org clayey wed qtz sst	OCTsst
214868	Pkd Hill	5435123.19	483942.41	17200	8300	0.5	<1	-	<1	4	3	20	6	gyish org clayey wed qtz sst	OCTsst
214869	Pkd Hill	5435166.49	483917.41	17250	8300	0.6	<1	-	<1	4	7	12	10	gyish org clayey wed qtz sst	OCTsst
214870	Pkd Hill	5435209.8	483892.41	17300	8300	0.5	<1	-	<1	3	6	7	7	gyish org wed qtz sst	OCTsst
214871	Pkd Hill	5435253.1	483867.41	17350	8300	0.6	<1	<1	<1	6	26	5	26	gyish org clayey wed qtz sst	OCTsst
214872	Pkd Hill	5435296.4	483842.41	17400	8300	0.6	<1	-	<1	<1	9	5	9	gyish org wed qtz sst	OCTsst
214884	Pkd Hill	5434004.05	484704.02	15850	8400	0.9	<1	-	<1	<1	2	4	8	gyish org wed qtz sst	OCTsst
214885	Pkd Hill	5434047.35	484679.02	15900	8400	0.6	<1	-	<1	6	2	4	9	dk ywish org clayey wed qtz sst	OCTsst
214886	Pkd Hill	5434090.66	484654.02	15950	8400	0.5	<1	-	<1	2	<2	<3	<2	pale yw bn wed qtz sst	OCTsst
214887	Pkd Hill	5434133.96	484629.02	16000	8400	0.7	<1	-	<1	11	2	5	13	gyish org wed qtz sst	OCTsst
214888	Pkd Hill	5434177.26	484604.02	16050	8400	0.8	<1	-	<1	4	2	<3	6	gyish org wed qtz sst	OCTsst
214889	Pkd Hill	5434220.56	484579.02	16100	8400	0.7	<1	-	<1	5	4	5	13	gyish org wed qtz sst	OCTsst
214890	Pkd Hill	5434263.86	484554.02	16150	8400	0.7	<1	-	<1	12	3	4	10	gyish org wed qtz sst	OCTsst
214891	Pkd Hill	5434307.16	484529.02	16200	8400	0.5	<1	-	<1	11	3	7	8	gyish org wed qtz sst	OCTsst
214892	Pkd Hill	5434350.46	484504.02	16250	8400	0.9	<1	-	<1	5	2	9	11	gyish org wed qtz sst	OCTsst
214893	Pkd Hill	5434393.77	484479.02	16300	8400	0.4	<1	-	<1	<1	3	3	2	gyish org wed qtz sst	OCTsst
214894	Pkd Hill	5434437.07	484454.02	16350	8400	0.7	<1	-	<1	1	2	5	5	gyish org wed qtz sst	OCTsst
214895	Pkd Hill	5434480.37	484429.02	16400	8400	0.5	<1	<1	<1	4	2	3	<2	gyish org wed qtz sst	OCTsst
214896	Pkd Hill	5434523.67	484404.02	16450	8400	0.4	<1	<1	<1	3	2	4	<2	gyish org wed qtz sst	OCTsst
214897	Pkd Hill	5434566.97	484379.02	16500	8400	0.4	<1	<1	<1	<1	<2	<3	2	gyish org wed qtz sst	OCTsst
214898	Pkd Hill	5434610.27	484354.02	16550	8400	0.5	<1	-	<1	2	2	4	<2	gyish org wed qtz sst	OCTsst
214899	Pkd Hill	5434653.58	484329.02	16600	8400	0.7	<1	-	<1	3	2	7	4	gyish org wed qtz sst	OCTsst
214900	Pkd Hill	5434696.88	484304.02	16650	8400	0.9	<1	-	<1	1	2	6	8	gyish org wed qtz sst	OCTsst
214901	Pkd Hill	5434740.18	484279.02	16700	8400	0.8	<1	-	<1	2	2	5	2	med ly gy qtz sst	OCTsst
214902	Pkd Hill	5434783.48	484254.02	16750	8400	0.6	<1	-	<1	16	4	25	10	gyish org clayey wed qtz sst	OCTsst
214903	Pkd Hill	5434826.78	484229.01	16800	8400	0.6	<1	-	<1	2	2	11	4	gyish org wed qtz sst	OCTsst
214904	Pkd Hill	5434870.08	484204.01	16850	8400	0.6	<1	-	<1	<1	2	<3	<2	v lt gy sand	?
214905	Pkd Hill	5434913.38	484179.01	16900	8400	0.7	<1	-	<1	2	5	10	10	gyish org wed qtz sst	OCTsst
214906	Pkd Hill	5434956.69	484154.01	16950	8400	0.6	<1	-	<1	5	3	5	6	gyish org wed qtz sst	OCTsst
214907	Pkd Hill	5434999.99	484129.01	17000	8400	0.5	<1	-	<1	<1	2	<3	4	gyish org wed qtz sst	OCTsst
214908	Pkd Hill	5435043.29	484104.01	17050	8400	0.6	<1	-	<1	1	3	<3	3	gyish org wed qtz sst w qtz vng	OCTsst
214909	Pkd Hill	5435086.59	484079.01	17100	8400	0.7	<1	-	<1	2	<2	<3	2	lt gy wed qtz sst	OCTsst
214917	Pkd Hill	5434010.75	484815.62	15800	8500	0.7	<1	-	<1	8	2	6	9	mod yw bn wed qtz sst	OCTsst
214918	Pkd Hill	5434054.05	484790.62	15850	8500	0.8	<1	-	<1	21	5	6	18	mod yw bn wed qtz sst	OCTsst
214919	Pkd Hill	5434097.35	484765.62	15900	8500	0.9	<1	-	<1	25	5	9	18	mod yw bn wed qtz sst	OCTsst
214920	Pkd Hill	5434140.66	484740.62	15950	8500	0.7	<1	-	<1	5	2	4	5	gyish org wed qtz sst	OCTsst
214921	Pkd Hill	5434183.96	484715.62	16000	8500	0.7	<1	<1	<1	4	2	7	4	gyish org wed qtz sst	OCTsst
214922	Pkd Hill	5434227.26	484690.62	16050	8500	0.7	<1	<1	<1	17	3	<3	7	gyish org wed qtz sst	OCTsst
214923	Pkd Hill	5434270.56	484665.62	16100	8500	0.5	<1	-	<1	1	<2	<3	4	gyish org wed qtz sst	OCTsst
214924	Pkd Hill	5434313.86	484640.62	16150	8500	0.6	<1	-	<1	<1	4	4	6	gyish org wed qtz sst	OCTsst
214925	Pkd Hill	5434357.16	484615.62	16200	8500	0.7	<1	-	<1	<1	2	<3	3	gyish org wed qtz sst	OCTsst
214926	Pkd Hill	5434400.46	484590.62	16250	8500	0.6	<1	-	<1	2	3	5	4	med ly gy qtz sst	OCTsst
214927	Pkd Hill	5434443.77	484565.62	16300	8500	0.6	<1	-	<1	3	3	<3	7	gyish org wed qtz sst	OCTsst
214928	Pkd Hill	5434487.07	484540.62	16350	8500	0.6	<1	-	<1	16	5	5	18	gyish org wed qtz sst	OCTsst
214929	Pkd Hill	5434530.37	484515.62	16400	8500	0.6	<1	-	<1	2	3	<3	8	gyish org wed qtz sst	OCTsst
214930	Pkd Hill	5434573.67	484490.62	16450	8500	0.7	<1	-	<1	5	3	<3	8	gyish org wed qtz sst	OCTsst
214931	Pkd Hill	5434616.97	484465.62	16500	8500	0.7	<1	-	<1	2	<2	<3	4	gyish org wed qtz sst	OCTsst
214932	Pkd Hill	5434660.27	484440.62	16550	8500	0.8	<1	-	<1	4	2	<3	7	gyish org wed qtz sst	OCTsst
214933	Pkd Hill	5434703.58	484415.62	16600	8500	0.8	<1	-	<1	3	4	6	12	gyish org qtz sst	OCTsst
214934	Pkd Hill	5434746.88	484390.62	16650	8500	0.6	<1	-	<1	<1	3	<3	6	pale yw bn wed qtz sst	OCTsst
214935	Pkd Hill	5434790.18	484365.62	16700	8500	0.8	<1	<1	<1	4	2	6	5	pale yw bn wed qtz sst	OCTsst
214936	Pkd Hill	5434833.48	484340.62	16750	8500	0.7	<1	-	<1	3	2	6	7	pale yw bn wed qtz sst	OCTsst
214937	Pkd Hill	5434876.78	484315.62	16800	8500	0.9	<1	-	<1	2	3	25	8	lt gy wed qtz sst	OCTsst
214938	Pkd Hill	5434920.08	484290.62	16850	8500	0.9	<1	-	<1	<1	3	<3	3	qtz vng	?
214939	Pkd Hill	5434963.38	484265.62	16900	8500	0.4	<1	-	<1	4	2	<3	3	qtz vng	?
214940	Pkd Hill	5435006.69	484240.62	16950	8500	0.5	<1	-	<1	<1	2	<3	3	qtz vng	?
214941	Pkd Hill	5435049.99	484215.62	17000	8500	0.5	<1	-	<1	5	2	<3	3	qtz vng	?
215232	Greaves Rd/Fulwood	5434014.34	485621.84	15400	9200	0.7	<1	-	<1	1	11	13	19	v pale org wed fol slt	CHBslt
215233	Greaves Rd/Fulwood	5434057.64	485596.84	15450	9200	0.6	<1	-	<1	3	12	8	19	v pale org wed sst? w qtz vng	CHBsst
215244	Greaves Rd/Fulwood	5434021.04	485733.45	15350	9300	0.6	<1	<1	<1	4	10	21	14	v pale org wed fol slt	CHBslt
215245	Greaves Rd/Fulwood	5434064.34	485708.44	15400	9300	0.7	<1	-	<1	6	11	21	18	v pale org wed fol slt	CHBslt
215246	Greaves Rd/Fulwood	5434107.64	485683.44	15450	9300	0.6	<1	-	<1	4	28	22	44	v pale org wed fol slt	CHBslt
215247	Greaves Rd/Fulwood	5434150.94	485658.44	15500	9300	0.7	<1	<1	<1	11	33	24	40	v pale org wed fol slt	CHBslt
215248	Greaves Rd/Fulwood	5434194.25	485633.44	15550	9300	0.5	<1	-	<1	<1	5	8	13	v pale org wed sst	CHBsst
215249	Greaves Rd/Fulwood	5434237.55	485608.44	15600	9300	0.7	<1	-	<1	1	42	17	64	v pale org wed sst	CHBsst
215250	Greaves Rd/Fulwood	5434280.85	485583.44	15650	9300	0.6	<1	<1	<1	<1	35	52	38	gyish org wed sst & fg slt	CHBsst/slt
215251	Greaves Rd/Fulwood	5434324.15	485558.44	15700	9300	0.4	<1	-	<1	<1	4	8	8	med ly gy lcd qtzitici sst & qtz vn	?
215258	Greaves Rd/Fulwood	5434027.74	485845.05	15300	9400	0.6	<1	-	<1	5	11	17	20	gyish org wed fg sst & slt	CHBsst/slt
215259	Greaves Rd/Fulwood	5434071.04	485820.05	15350	9400	0.6	<1	-	<1	1	15	55	17	gyish org wed slt	CHBslt
215260	Greaves Rd/Fulwood	5434114.34	485795.05	15400	9400	0.4	<1	-	<1	1	9	25	17	gyish org wed fg sst & slt	CHBsst/slt
215261	Greaves Rd/Fulwood	5434157.64	485770.05	15450	9400	0.6	<1	<1	<1	1	8	20	17	gyish org wed fg sst & slt	CHBsst/slt
215262	Greaves Rd/Fulwood	5434200.94	485745.05	15500	9400	0.7	<1	-	<1	2	9	14	16	gyish org wed fg sst & slt	CHBsst/slt
215263	Greaves Rd/Fulwood	5434244.25	485720.05	15550	9400	0.6	<1	-	<1	6	10	17	19	gyish org wed slt	CHBslt
215264	Greaves Rd/Fulwood	5434287.55	485695.05	15600	9400	0.6	<1	-	<1	1	8	17	15	gyish org wed fg sst & slt	CHBsst/slt
215265	Greaves Rd/Fulwood	5434330.85	485670.05	15650	9400	0.7	<1	-	<1	4	6	13	19	gyish org wed fg sst & slt	CHBsst/slt
215266	Greaves Rd/Fulwood	5434374.15	485645.05	15700	9400	0.8	<1	-	<1	<1	5	6	10	no rock just lt gye frags qtz vn, wy hmt	?
215267	Greaves Rd/Fulwood	5434417.45	485620.05	15750	9400	0.5	<1	-	<1	8	13	33	21	dk ywish org wed sst	CHBsst
215268	Greaves Rd/Fulwood	5434460.75	485595.05	15800	9400	0.5	<1	-	<1	2	7	16	13	pale yw bn wed sst	CHBsst
215269	Greaves Rd/Fulwood	5434504.05	485570.05	15850	9400	0.5	<1	-	<1	<1	8	14	16	gyish org wed sst	CHBsst
215270	Greaves Rd/Fulwood	5434547.36	485545.05	15900	9400	0.5	3	3	3	6	19	35	29	dk ywish org wed sst	CHBsst/slt
215271	Greaves Rd/Fulwood	5434590.66	485520.05	15950	9400	0.5	<1	-	<1	<1	3	13	10	v p org wed qtz sst	CHBsst/slt
215272	Greaves Rd/Fulwood	5434633.96	485495.05	16000	9400	1	<1	-	<1	<1	8	17	12	v p org wed qtz sst	CHBsst/slt
215275	Greaves Rd/Fulwood	5434034.44	485956.65	15250	9500	0.6	<1	-	<1	2	3	15	10	gyish org aft wed slt & fg sst	CHBsst/slt
215276	Greaves Rd/Fulwood	5434077.74	485931.65	15300	9500	0.6	<1	-	<1	1	7	19	14	gyish org aft wed slt & fg sst	CHBsst/slt
215277	Greaves Rd/Fulwood	5434121.04	485906.65	15350	9500	0.7	<1	-	<1	1	5	17	13	gyish org aft wed slt & fg sst	CHBsst/slt
215278	Greaves Rd/Fulwood	5434164.34	485881.65	15400	9500	0.7	2	3	3	2	3	10	8	gyish org aft wed slt & fg sst	CHBsst/slt
215279	Greaves Rd/Fulwood	5434207.64	485856.65	15450	9500	0.9	<1	-	<1	7	11	19	15	gyish org aft wed slt & fg sst, my fol	CHBsst/slt
215280	Greaves Rd/Fulwood	5434250.94	485831.65	15500	9500	0.7	<1	<1	<1	10	11	18	14	gyish org aft wed slt & fg sst	CHBsst/slt
215281	Greaves Rd/Fulwood	5434294.25	485806.65	15550	9500	0.8	<1	-	<1	8	7	23	12	gyish org aft wed slt & fg sst	CHBsst/slt
215282	Greaves Rd/Fulwood	5434337.55	485781.65	15600	9500	0.6	<1	-	<1	10	21	22	27	gyish org aft wed slt & fg sst	CHBsst/slt
215283	Greaves Rd/Fulwood	5434380.85	485756.65	15650	9500	0.8	2	2	2	8	11	41	19	gyish org aft wed slt & fg sst	CHBsst/slt
215284	Greaves Rd/Fulwood	5434424.15	485731.65	15700	9500	0.6	<1	-	<1	3	8	29	20	gyish org aft wed slt & fg sst	CHBsst/slt
215285	Greaves Rd/Fulwood	5434467.45	485706.65	15750	9500	0.9	<1	-	<1	4	3	6	21	gyish org aft wed slt & fg sst	CHBsst/slt
215286	Greaves Rd/Fulwood	5434510.75	485681.65	15800	9500	0.8	<1	-	<1	8	4	8	13	gyish org aft wed slt & fg sst	CHBsst/slt
215287	Greaves Rd/Fulwood	5434554.06	485656.65	15850	9500	0.4	<1	-	<1	2	3	<3	5	med ly gy qtzitic sst lcd	?
215288	Greaves Rd/Fulwood	5434597.36	485631.65	15900	9500	0.6	<1	-	<1	9	27	15	26	gyish org aft wed slt & fg sst	CHBsst/slt
215289	Greaves Rd/Fulwood	5434640.66	485606.65	15950	9500	0.6	<1	-	<1	3	3	17	13	gyish org aft wed slt & fg sst	CHBsst/slt
215290	Greaves Rd/Fulwood	5434683.96	485581.65	16000	9500	0.7	<1	-	<1	7	16	6	29	gyish org aft wed slt & fg sst	CHBsst/slt
215291	Greaves Rd/Fulwood	5434727.26	485556.65	16050	9500	0.5	<1	-	<1	7	23	28	19	v pale org wed fol slt	CHBslt
215292	Greaves Rd/Fulwood	5434171.04	485993.25	15350	9600	0.6	<1	-	<1	2	7	17	16	mod yw bn cy aft sst?	CHBsst
215293	Greaves Rd/Fulwood	5434214.34	485968.25	15400	9600	0.7	<1	-	<1	5	3	9	9	mod yw bn cy aft sst?	CHBsst
215294	Greaves Rd/Fulwood	5434257.64	485943.25	15450	9600	0.6	<1	-	<1	2	4	14	12	pale yw bn wed sst	CHBsst
215295	Greaves Rd/Fulwood	5434300.94	485918.25	15500	9600	0.5	<1	-	<1	6	5	9	18	pale yw bn wed fol slt	CHBslt
215296	Greaves Rd/Fulwood	5434344.25	485893.25	15550	9600	0.4	<1	-	<1	2	3	4	6	pale yw bn wed sst	CHBsst
215297	Greaves Rd/Fulwood	5434387.55	485868.25	15600	9600	0.6	<1	<1	<1	1	2	13	8	v pale org sandy cy	?
215298	Greaves Rd/Fulwood	5434430.85	485843.25	15650	9600	0.6	<1	<1	<1	1	4	10	8	v pale org sandy cy	?
215299	Greaves Rd/Fulwood	5434474.15	485818.25	15700	9600	1.1	<1	-	<1	4	5	10	7	med gy qtz sst	OCTscree
215300	Greaves Rd/Fulwood	5434517.45	485793.25	15750	9600	0.7	<1	<1	<1	3	2	7	7	gyish org wed sst	OCTscree
215301	Greaves Rd/Fulwood	5434560.75	485768.25	15800	9600	0.8	<1	-	<1	3	2	7	8	pale yw bn wed qtz sst	OCTscree
215302	Greaves Rd/Fulwood	5434604.06	485743.25	15850	9600	0.4	<1	-	<1	3	<2	6	8	pale yw bn wed qtz sst	OCTscree
215303	Greaves Rd/Fulwood	5434647.36	485718.25	15900	9600	1.1	<1	-	<1	1	3	16	9	med gy sand aft wed qtz sst	OCTscree
215304	Greaves Rd/Fulwood	5434690.66	485693.25	15950	9600	1	<1	-	<1	3	3	11	10	med lt gy qtz sst	OCTscree
215305	Greaves Rd/Fulwood	5434733.96	485668.25	16000	9600	0.4	<1	-	<1	2	2	3	5	med lt gy qtz sst	OCTscree
215306	Greaves Rd/Fulwood	5434777.26	485643.25	16050	9600	0.4	<1	-	<1	1	3	4	5	med lt gy qtz sst	OCTscree
215307	Greaves Rd/Fulwood	5434820.56	485618.25	16100	9600	0.8	<1	-	<1	<1	2	3	5	mod yw bn gritty cy	OCTscree
215308	Greaves Rd/Fulwood	5434863.86	485593.25	16150	9600	0.7	<1	-	<1	1	3	9	14	mod yw bn sandy cy aft sst	OCTscree
215309	Greaves Rd/Fulwood	5434907.17	485568.25	16200	9600	0.8	<1	-	<1	3	2	7	10	mod yw bn sandy cy aft sst	OCTscree
215310	Greaves Rd/Fulwood	5434950.47	485543.25	16250	9600	1	<1	-	<1	<1	3	6	10	med lt gy wed qtz sst	OCTscree
215311	Greaves Rd/Fulwood	5434993.77	485518.25	16300	9600	0.9	<1	-	<1	3	3	9	10	gyish org wed qtz sst	OCTscree
215312	Greaves Rd/Fulwood	5434350.94	486004.86	15500	9700	1	<1	<1	<1	2	<2	7	6	gyish org wed qtz sst	OCTscree
215313	Greaves Rd/Fulwood	5434394.25	485979.86	15550	9700	0.4	<1	<1	<1	<1	3	4	5	med lt gy gritty sst	OCTscree
215314	Greaves Rd/Fulwood	5434437.55	485954.86	15600	9700	0.4	<1	-	<1	1	3	<3	5	gyish org wed qtz sst	OCTscree
215315	Greaves Rd/Fulwood	5434480.85	485929.86	15650	9700	0.4	<1	-	<1	1	3	3	4	med lt gy qtz sst	OCTscree
215316	Greaves Rd/Fulwood	5434524.15	485904.86	15700	9700	0.4	<1	-	<1	1	4	<3	3	med lt gy qtz sst	OCTscree
215317	Greaves Rd/Fulwood	5434567.45	485879.86	15750	9700	0.9	<1	-	<1	<1	3	<3	4	gyish org wed qtz sst	OCTscree
215318	Greaves Rd/Fulwood	5434610.75	485854.86	15800	9700	0.5	<1	-	<1	4	3	<3	3	med lt gy qtz sst	OCTscree
215319	Greaves Rd/Fulwood	5434654.06	485829.86	15850	9700	0.4	<1	-	<1	3	3	3	3	med lt gy qtz sst	OCTscree
215320	Greaves Rd/Fulwood	5434697.36	485804.86	15900	9700	0.5	<1	-	<1	<1	2	8	5	med lt gy qtz sst	OCTscree
215321	Greaves Rd/Fulwood	5434740.66	485779.86	15950	9700	0.6	<1	-	<1	2	2	5	5	med lt gy qtz sst	OCTscree
215322	Greaves Rd/Fulwood	5434783.96	485754.86	16000	9700	0.5	<1	-	<1	<1	3	7	4	med lt gy qtz sst	OCTscree
215323	Greaves Rd/Fulwood	5434827.26	485729.86	16050	9700	0.6	<1	-	<1	3	3	13	12	mod yw bn wed qtz sst	OCTscree
215324	Greaves Rd/Fulwood	5434870.56	485704.86	16100	9700	0.5	<1	-	<1	3	3	6	5	mod yw bn cy aft sst?	OCTscree
215325	Greaves Rd/Fulwood	5434913.86	485679.86	16150	9700	0.5	<1	-	<1	1	5	9	10	mod yw bn wed qtz sst	OCTscree
215326	Greaves Rd/Fulwood	5434957.17	485654.86	16200	9700	0.4	<1	-	<1	<1	3	6	4	med lt gy qtz sst	OCTscree
215327	Greaves Rd/Fulwood	5435000.47	485629.86	16250	9700	0.6	4	5	5	4	18	7	12	med lt gy qtz sst	OCTscree
215328	Greaves Rd/Fulwood	5434574.15	485991.46	15700	9800	0.8	<1	-	<1	1	4	6	7	mod yw bn wed qtz sst	OCTscree
215329	Greaves Rd/Fulwood	5434617.45	485966.46	15750	9800	0.7	<1	-	<1	6	6	10	14	mod yw bn wed qtz sst but w rdd pebbles	OCTscree
215330	Greaves Rd/Fulwood	5434660.75	485941.46	15800	9800	0.5	<1	-	<1	3	3	5	7	dk ywish org v rdd pebbles of qtz sst water worn? also qtz vn	OCTscree
215331	Greaves Rd/Fulwood	5434704.06	485916.46	15850	9800	0.4	<1	-	<1	<1	2	6	4	lt gy lcd grits	OCTscree
215332	Greaves Rd/Fulwood	5434747.36	485891.46	15900	9800	0.4	<1	-	<1	<1	3	7	5	lt gy lcd grits	OCTscree
215333	Greaves Rd/Fulwood	5434790.66	485866.46	15950	9800	0.3	<1	<1	<1	1	3	6	8	lt gy lcd grits	OCTscree
215334	Greaves Rd/Fulwood	5434833.96	485841.46	16000	9800	0.5	<1	<1	<1	<1	2	5	5	lt gy lcd grits	OCTscree
215335	Greaves Rd/Fulwood	5434877.26	485816.46	16050	9800	0.5	<1	-	<1	2	3	<3	3	lt gy lcd grits w qtz vn	OCTscree
215336	Greaves Rd/Fulwood	5434920.56	485791.46	16100	9800	0.4	<1	-	<1	<1	3	<3	3	lt gy lcd grits	OCTscree
215337	Greaves Rd/Fulwood	5434963.86	485766.46	16150	9800	0.5	<1	-	<1	1	2	4	3	lt gy lcd grits	OCTscree
215338	Greaves Rd/Fulwood	5434754.06	486003.06	15850	9900	0.5	<1	-	<1	<1	4	<3	4	lt gy lcd grits	OCTscree
215339	Greaves Rd/Fulwood	5434797.36	485978.06	15900	9900	0.5	<1	-	<1	<1	3	<3	2	lt gy lcd grits	OCTscree
215340	Greaves Rd/Fulwood	5434840.66	485953.06	15950	9900	0.8	<1	-	<1	<1	3	8	3	lt gy lcd grits	OCTscree
215341	Greaves Rd/Fulwood	5434883.96	485928.06	16000	9900	0.4	5	5	5	<1	3	7	2	lt gy lcd grits	OCTscree
215342	Greaves Rd/Fulwood	5434927.26	485903.06	16050	9900	0.2	<1	-	<1	2	3	7	4	lt gy lcd grits	OCTscree
215343	Greaves Rd/Fulwood	5434970.56	485878.06	16100	9900	0.5	<1	-	<1	9	11	8	34	dk ywish org cy	?
215344	Leviathan Hill/Denmans	5437355.25	483808.44	19200	9300	0.5	<1	-	<1	5	10	10	19	gyish org wed fol sst	CHB sst
215345	Leviathan Hill/Denmans	5437398.56	483783.44	19250	9300	0.7	<1	-	<1	11	30	12	36	gyish org wed fol sst	CHB sst
215346	Leviathan Hill/Denmans	5437441.86	483758.44	19300	9300	0.5	<1	<1	<1	1	6	11	21	gyish org wed fol sst	CHB sst
215347	Leviathan Hill/Denmans	5437485.16	483733.44	19350	9300	0.4	<1	-	<1	44	4	10	18	gyish org wed fol sst	CHB sst
215348	Leviathan Hill/Denmans	5437528.46	483708.44	19400	9300	0.5	<1	-	<1	16	10	12	24	gyish org wed fol sst	CHB sst
215349	Leviathan Hill/Denmans	5437571.76	483683.44	19450	9300	0.8	<1	-	<1	39	8	7	25	gyish org cy aft sst	CHB sst
215350	Leviathan Hill/Denmans	5437615.06	483658.44	19500	9300	0.6	<1	-	<1	19	19	12	29	ywish org wed fol slt	CHBslt
215351	Leviathan Hill/Denmans	5437658.37	483633.44	19550	9300	0.8	<1	-	<1	18	20	13	30	ywish org wed sst	CHBsst
215352	Leviathan Hill/Denmans	5437701.67	483608.44	19600	9300	0.5	<1	<1	<1	15	8	13	30	p ywish bn wed sst w qtz vng	CHBsst
215353	Leviathan Hill/Denmans	5437744.97	483583.44	19650	9300	0.5	<1	-	<1	17	9	13	27	p ywish bn wed sst w qtz vng	CHBsst
215354	Leviathan Hill/Denmans	5437788.27	483558.44	19700	9300	0.5	<1	-	<1	4	11	10	30	ywish org fol slt	CHBslt
215355	Leviathan Hill/Denmans	5437831.57	483533.44	19750	9300	0.7	<1	-	<1	15	17	27	28	gyish org wed slt	CHBslt
215356	Leviathan Hill/Denmans	5437874.87	483508.44	19800	9300	0.4	<1	-	<1	3	7	4	20	gyish org wed slt	CHBslt
215357	Leviathan Hill/Denmans	5437918.17	483483.44	19850	9300	0.4	<1	-	<1	10	<2	<3	13	gyish org wed sst	CHBsst
215358	Leviathan Hill/Denmans	5437232.05	483995.04	19000	9400	0.7	<1	<1	<1	12	19	14	30	gyish org qtzwacke sst	CHBsst
215359	Leviathan Hill/Denmans	5437275.35	483970.04	19050	9400	0.7	<1	-	<1	12	3	11	22	p ywish bn wed slt	CHBslt
215360	Leviathan Hill/Denmans	5437318.65	483945.04	19100	9400	0.7	<1	-	<1	11	11	<3	30	ywish org wed slt	CHBslt
215361	Leviathan Hill/Denmans	5437361.95	483920.04	19150	9400	0.6	<1	-	<1	1	2	<3	18	mod ywish bn cy all?	?
215362	Leviathan Hill/Denmans	5437405.26	483895.04	19200	9400	0.6	<1	-	<1	7	<2	<3	21	red wen qtzwacke sst	CHBsst
215363	Leviathan Hill/Denmans	5437448.56	483870.04	19250	9400	0.6	<1	-	<1	28	12	10	35	dk ywish org fol slt	CHBslt
215364	Leviathan Hill/Denmans	5437491.86	483845.04	19300	9400	0.8	<1	-	<1	109	9	31	30	dk ywish org fol slt	CHBslt
215365	Leviathan Hill/Denmans	5437535.16	483820.04	19350	9400	0.7	<1	-	<1	61	8	20	27	ywish org fol slt	CHBslt
215366	Leviathan Hill/Denmans	5437578.46	483795.04	19400	9400	0.5	<1	-	<1	12	6	<3	20	ywish org fol slt	CHBslt
215367	Leviathan Hill/Denmans	5437621.76	483770.04	19450	9400	0.7	<1	<1	<1	15	6	16	25	ywish org fol slt w qtz	CHBslt
215368	Leviathan Hill/Denmans	5437665.06	483745.04	19500	9400	0.5	<1	-	<1	11	5	<3	21	ywish bn wed sst	CHBsst
215369	Leviathan Hill/Denmans	5437708.37	483720.04	19550	9400	0.8	<1	-	<1	23	14	11	34	ywish bn wed sst	CHBsst
215370	Leviathan Hill/Denmans	5437751.67	483695.04	19600	9400	0.7	<1	-	<1	27	13	9	28	ywish bn wed sst	CHBsst
215371	Leviathan Hill/Denmans	5437794.97	483670.04	19650	9400	0.7	<1	-	<1	15	10	7	28	gyish org wed sst	CHBsst
215372	Leviathan Hill/Denmans	5437838.27	483645.04	19700	9400	0.5	<1	<1	<1	19	9	5	40	ywish org fol slt	CHBslt
215373	Leviathan Hill/Denmans	5437881.57	483620.04	19750	9400	0.6	<1	-	<1	17	7	19	20	ywish org wed sst	CHBsst
215374	Leviathan Hill/Denmans	5437924.87	483595.04	19800	9400	0.5	<1	-	<1	37	10	10	26	ywish org wed sst	CHBsst
215375	Leviathan Hill/Denmans	5437968.17	483570.04	19850	9400	0.5	<1	-	<1	13	12	20	29	ywish org wed sst	CHBsst
215376	Leviathan Hill/Denmans	5437455.26	483981.64	19200	9500	0.4	<1	-	<1	2	3	3	12	med lt gy lcd qtz frags	?
215377	Leviathan Hill/Denmans	5437498.56	483956.64	19250	9500	0.5	<1	<1	<1	13	4	5	28	gyish org wed slt	CHBslt
215378	Leviathan Hill/Denmans	5437541.86	483931.64	19300	9500	0.5	<1	-	<1	7	16	16	33	gyish org qtz	?
215379	Leviathan Hill/Denmans	5437585.16	483906.64	19350	9500	0.6	<1	-	<1	8	5	20	23	p ywish bn cy aft wed slt	CHBslt
215380	Leviathan Hill/Denmans	5437628.46	483881.64	19400	9500	0.6	<1	-	<1	6	5	8	24	ywish org wed slt	CHBslt
215381	Leviathan Hill/Denmans	5437671.76	483856.64	19450	9500	0.5	<1	-	<1	10	16	4	71	ywish org wed slt	CHBslt

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Soil sample ledger 181031

215382	Leviathan Hill/Denmans	5437715.06	483831.64	19500	9500	0.5	<1	-	<1	10	9	10	67	gyish org wed slt	CHBslt
215383	Leviathan Hill/Denmans	5437758.37	483806.64	19550	9500	0.6	<1	-	<1	5	8	3	43	ywish org wed slt	CHBslt
215384	Leviathan Hill/Denmans	5437801.67	483781.64	19600	9500	0.5	<1	-	<1	14	4	<3	35	ywish org wed slt	CHBslt
215385	Leviathan Hill/Denmans	5437844.97	483756.64	19650	9500	0.6	<1	-	<1	21	5	<3	34	ywish org wed slt	CHBslt
215386	Leviathan Hill/Denmans	5437888.27	483731.64	19700	9500	0.6	<1	-	<1	16	3	<3	35	gyish org wed sst	CHBsst
215387	Leviathan Hill/Denmans	5437931.57	483706.64	19750	9500	0.5	<1	<1	<1	4	<2	3	5	gyish org wed sst	CHBsst
215388	Leviathan Hill/Denmans	5437974.87	483681.64	19800	9500	0.5	<1	<1	<1	6	2	11	7	gyish org wed sst	CHBsst
215389	Leviathan Hill/Denmans	5437635.16	483993.25	19350	9600	0.6	<1	-	<1	7	31	19	71	ywish org wed slt	CHBslt
215390	Leviathan Hill/Denmans	5437678.46	483968.25	19400	9600	0.5	<1	-	<1	4	22	10	44	gyish org cy aft sst	CHBsst
215391	Leviathan Hill/Denmans	5437721.76	483943.25	19450	9600	0.6	<1	-	<1	<1	20	18	37	gyish org cy aft sst	CHBsst
215392	Leviathan Hill/Denmans	5437765.06	483918.25	19500	9600	0.5	<1	-	<1	5	8	9	24	gyish org cy aft sst w qtz vng	CHBsst
215393	Leviathan Hill/Denmans	5437808.37	483893.24	19550	9600	0.7	<1	-	<1	9	13	12	37	gyish org wed sst	CHBsst
215394	Leviathan Hill/Denmans	5437851.67	483868.24	19600	9600	0.6	<1	-	<1	7	21	18	48	gyish org cy	?
215395	Leviathan Hill/Denmans	5437894.97	483843.24	19650	9600	0.6	<1	-	<1	6	6	6	20	p ywish bn cy aft wed sst	CHBsst
215396	Leviathan Hill/Denmans	5437938.27	483818.24	19700	9600	0.6	<1	-	<1	<1	4	8	25	p ywish bn cy w rdd pebbles	?
215397	Leviathan Hill/Denmans	5437981.57	483793.24	19750	9600	0.4	<1	-	<1	<1	4	6	10	med lt gy sandy cy	?
215398	Leviathan Hill/Denmans	5437771.76	484029.85	19450	9700	0.9	<1	-	<1	2	5	20	24	gyish org sandy cy	?
215399	Leviathan Hill/Denmans	5437815.06	484004.85	19500	9700	0.7	<1	-	<1	1	2	16	24	v p org clayey wed sst	CHBsst
215400	Leviathan Hill/Denmans	5437858.37	483979.85	19550	9700	0.7	<1	-	<1	7	2	15	16	v p org clayey wed sst	CHBsst
215401	Leviathan Hill/Denmans	5437901.67	483954.85	19600	9700	1	<1	-	<1	2	4	19	29	v p org clayey wed sst	CHBsst
215402	Leviathan Hill/Denmans	5437944.97	483929.85	19650	9700	0.4	<1	<1	<1	6	3	9	11	v p org clayey wed sst w qtz vng	CHBsst
215403	Leviathan Hill/Denmans	5437988.27	483904.85	19700	9700	0.4	<1	-	<1	4	6	9	14	v p org sand and grit	?
215404	Leviathan Hill/Denmans	5436719.13	484406.64	18350	9500	0.7	<1	-	<1	44	3	15	18	mod ywish bn cy w qtz vng	?
215405	Leviathan Hill/Denmans	5436762.43	484381.64	18400	9500	0.9	<1	-	<1	7	7	38	21	gyish org cy aft slt	CHBslt
215406	Leviathan Hill/Denmans	5436805.73	484356.64	18450	9500	0.6	<1	-	<1	4	2	15	18	reddish wen qtz sst also qtx vng	CHBsst
215407	Leviathan Hill/Denmans	5436849.03	484331.64	18500	9500	0.5	<1	-	<1	14	2	18	16	qtz vng	?
215408	Leviathan Hill/Denmans	5436892.34	484306.64	18550	9500	0.7	<1	-	<1	7	2	19	17	v p org sandy cy	?
215409	Leviathan Hill/Denmans	5436935.64	484281.64	18600	9500	0.9	<1	-	<1	15	2	19	19	v p org sandy cy	?
215410	Leviathan Hill/Denmans	5436978.94	484256.64	18650	9500	0.7	<1	-	<1	5	<2	16	13	v p org sandy cy	?
215411	Leviathan Hill/Denmans	5436769.13	484493.25	18350	9600	0.6	<1	-	<1	19	4	18	22	gyish org cy	?
215412	Leviathan Hill/Denmans	5436812.43	484468.25	18400	9600	0.4	<1	-	<1	9	<2	13	12	gyish org wed qtz sst	CHBsst
215413	Leviathan Hill/Denmans	5436855.73	484443.25	18450	9600	0.7	<1	-	<1	3	2	21	16	gyish org cy	?
215414	Leviathan Hill/Denmans	5436899.03	484418.25	18500	9600	0.5	<1	-	<1	14	2	16	13	gyish org cy	?
215415	Leviathan Hill/Denmans	5436942.34	484393.25	18550	9600	0.6	<1	-	<1	19	3	16	15	gyish org cy w frag reddish slt	CHBslt
215416	Leviathan Hill/Denmans	5436985.64	484368.25	18600	9600	0.6	<1	-	<1	9	2	14	16	gyish org cy w frag reddish slt	CHBslt
215417	Leviathan Hill/Denmans	5437028.94	484343.25	18650	9600	0.8	<1	<1	<1	3	3	13	20	gyish org wen reddish slt	CHBslt
215418	Leviathan Hill/Denmans	5436905.73	484529.85	18450	9700	0.4	<1	-	<1	14	2	25	37	gyish org wen reddish slt	CHBslt
215419	Leviathan Hill/Denmans	5436949.03	484504.85	18500	9700	0.7	<1	-	<1	7	8	15	28	gyish org slt	CHBslt
215420	Leviathan Hill/Denmans	5436992.34	484479.85	18550	9700	0.9	2	<1	1	4	3	27	14	v p org wed fol slt	CHBslt
215421	Leviathan Hill/Denmans	5437035.64	484454.85	18600	9700	0.6	<1	-	<1	9	2	14	15	v p org wed fol slt w qtz vng	CHBslt
215422	Leviathan Hill/Denmans	5437078.94	484429.85	18650	9700	0.5	<1	-	<1	1	<2	13	12	gyish org cy	?
1996/97 Ridge Top soils programme															
FGA41	Ridge Top	5430960	485150						<5	18.7	-	-	-		
FGA42	Ridge Top	5430915	485155						<5	7.5	-	-	-		
FGA43	Ridge Top	5430875	485160						<5	20	-	-	-		
FGA44	Ridge Top	5430840	485160						<5	7	-	-	-		
FGA45	Ridge Top	5430790	485165						<5	18.5	-	-	-		
FGB29	Ridge Top	5430975	484595						<1	15.8	-	-	-		
FGB30	Ridge Top	5430930	484605						<5	18	-	-	-		
FGB31	Ridge Top	5430885	484610						<1	19.4	-	-	-		
FGB32	Ridge Top	5430845	484615						<1	11	-	-	-		
FGB33	Ridge Top	5430805	484605						5	9.4	-	-	-		
PH50	Ridge Top	5434385	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	0.9	-	-	-		
PH56	Ridge Top	5434210	483145						<5	2.6	-	-	-		
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	5434080	483255						<1	<0.5	-	-	-		
PH61	Ridge Top	5434055	483270						<1	10.8	-	-	-		
PH62	Ridge Top	5434010	483290						<1	9.7	-	-	-		

181032

APPENDIX 2

ROCK SAMPLE LEDGER

Appendix 2: Rock Sample Ledger

Sample Number	AMG Northing	AMG Easting	Description	Ti	Zr	Nb	Rb	Y	Ba	Sr	Sn	V	Ni	Cr	Co	P	Sc	Lu
Trace element lithogeochemical samples and analyses				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
213622	5437106	484244	micaceous dk gy slt	3100	273	60	99	33	383	21	7	60	32	77	9	456	8	0.30
213626	5437065	484210	v dk gy carbonaceous sandstone	2708	341	14	87	25	340	21	6	61	29	126	6	478	6	0.30
213637	5434260	485630	dk gy shaley slt, wed	3639	311	15	129	34	887	24	4	74	16	74	13	105	6	0.30
				La	Ce	Pr	Nd	Sm	Eu	Gd	Dy	Er	Yb	Ga	Th	Tb	Ho	Tm
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
213622	aa	aa		33.60	69.37	7.87	29.5	5.6	1.09	4.7	3.9	2.1	2	14.6	14.22	0.65	0.75	0.32
213626	aa	aa		32.43	66.67	7.49	28.1	5.2	1.01	4.1	3.4	1.7	1.7	12.3	12.69	0.52	0.65	0.27
213637	aa	aa		56.54	116.11	12.43	45.1	8	1.64	5.9	4.7	2.1	2.1	14.8	16.33	0.72	0.85	0.33

Gold and pathfinder suite samples and analyses				Au	Au (rpt)	Au (ave)	As	Ag	Cu	Pb	Zn	Ni	Cr
				ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
213478	5434065	485930	assorted quartz, hmt	30	<10x2	10	<1	<1	6	<3	2	-	-
213479	5434060	485900	assorted quartz, hmt	<10	-	<10	<1	<1	4	<3	<2	-	-
213480	5434110	485820	assorted quartz, hmt	<10	-	<10	<1	<1	6	4	<2	-	-
216129	5434611	483786	qtz vng from o/c	2	<1	2	<1	2	4	7	38	-	-
216130	5434619	483786	qtz vng from o/c	<1	<1	<1	<1	<1	<2	7	7	-	-
216131	5434584	483912	qtz vng from o/c	<1	<1	<1	<1	<1	2	9	35	-	-
216132	5434590	483945	qtz vng from o/c	10	10	10	3	<1	4	8	6	-	-
216133	5434602	484032	qtz vng from o/c	7	4	6	2	<1	2	52	7	-	-
216134	5434608	484051	qtz vng from o/c	3	4	4	<1	<1	3	24	21	-	-
216135	5434506	484004	qtz vng from o/c	6	6	6	<1	<1	2	13	15	-	-
216136	5434922.6	483597.6	qtz vng from o/c	<1	-	<1	<1	<1	3	4	13	-	-
216137	5434956	483600	qtz vng from o/c	<1	-	<1	<1	<1	<2	<3	4	-	-
216138	5435085	483603	qtz vng from o/c	<1	-	<1	<1	<1	2	3	6	-	-
216793	5434732.92	483486.46	10-30mm sheeted qtz vn in sst	<1	-	<1	2	<1	15	39	23	-	-
216794	5435039.69	483297.8	asstd bucky qtz	<1	-	<1	<1	<1	5	<3	<2	-	-
216795	5435270	483200	asstd ferrug qtz in fest	<1	-	<1	270	<1	125	538	132	-	-
216796	5435270	483200	ferrug qtz in fest	<1	-	<1	365	<1	185	1095	228	-	-
216797	5435270	483200	asstd ferrug qtz in fest	<1	-	<1	1	<1	15	36	25	-	-
216798	5435384.27	483104.63	bucky qtz	<1	-	<1	1	<1	3	15	3	-	-
216799	5435516.01	483022.8	10-30mm sheeted qtz vn	<1	-	<1	55	<1	32	50	53	-	-
216800	5435400	483120	asstd bucky qtz	26	23	25	95	<1	5	<3	2	-	-
216801	5434679.88	483274.6	10-30mm sheeted qtz vn in sst sim 216793	<1	-	<1	2	<1	2	56	3	-	-
216805	5434974.07	483324.14	tightly folded tension qtz vns	<1	<1	<1	2	<1	6	15	4	-	-
216806	5434541.73	483585.3	mod fest w qtz	<1	-	<1	29	<1	17	16	51	-	-
216807	5434318.52	483598.7	ferrug tension vn 10mm	<1	-	<1	280	<1	138	171	56	-	-
216808	5434344.5	483583.7	fest	<1	-	<1	39	<1	24	159	27	-	-
216809	5434340.17	483586.2	fest	<1	-	<1	17	<1	7	36	280	-	-
216810	5434338.34	483593.03	fest	<1	-	<1	33	<1	34	52	43	-	-
216811	5434334.01	483595.53	fest w 10mm qtz vng	<1	-	<1	18	<1	35	218	95	-	-
216812	5434132.32	483706.2	ocl tension vnts (<10mm) in qtz sst	<1	-	<1	6	<1	6	18	12	-	-
216813	5434082.32	483619.6	50mm tension vn	<1	-	<1	3	<1	4	10	4	-	-
216814	5434108.3	483604.6	sim 216814 w qtz tension vng	<1	-	<1	<1	<1	<2	7	10	-	-
216815	5434142.94	483584.6	bucky lmc qtz	<1	-	<1	<1	<1	<2	11	3	-	-
216816	5434212.23	483544.6	wy hmt~100mm tension vn in qtz sst	<1	-	<1	<1	<1	17	3	5	-	-
216817	5434175.22	483450.49	asstd tension vng in qtz sst	<1	-	<1	1	<1	3	<3	19	-	-
216818	5434140	483290	tension vns in qtz sst	<1	<1	<1	1	<1	4	<3	5	-	-
216822	5434460	484150	asstd bucky qtz	<1	-	<1	11	<1	17	49	15	-	-
216826	5434120	484330	hmt qtz	<1	-	<1	<1	<1	<2	<3	<2	-	-
216827	5434250	484200	asstd bucky qtz	<1	-	<1	<1	<1	5	<3	3	-	-
216828	5434260	484170	asstd bucky qtz	<1	-	<1	<1	<1	8	<3	2	-	-
216829	5434590	484070	asstd bucky qtz	<1	-	<1	<1	<1	<2	5	3	-	-
217011	5437400	483900	asstd bucky, wy lmc qtz	<1	<1	<1	<50	-	9	8	<2	-	-
217012	5437200	483950	asstd bucky, wy lmc qtz	<1	-	<1	<50	-	3	<3	<2	-	-
217013	5437270	483870	asstd bucky, wy lmc qtz	<1	-	<1	<50	-	7	32	<2	-	-
217014	5437600	483750	asstd bucky, wy lmc qtz	<1	-	<1	<50	-	4	3	<2	-	-
217015	5437550	483850	asstd bucky, wy lmc qtz	<1	-	<1	<50	-	6	3	<2	-	-

181034

APPENDIX 3

SOIL SAMPLE ASSAY RESULT SHEETS (ANALABS)

181035

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	: 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.

181036

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 : 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

181037

A N A L A B S

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
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

181038

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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A N A L A B S

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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A N A L A B S

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
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

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A N A L A B S

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
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

181042

A N A L A B S

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
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

181043

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
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

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
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

181045

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

181046

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

181047

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
Report date : 11/02/99
Report status : Final
Page : 12 of 12

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

181046

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:

Corn Hill Leasing Ltd, Greenvale Rd.
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.

181049

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 : 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
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

181050

A N A L A B S

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
217011	<1	<1	9	8	<2	<50
217012	<1	--	3	<3	<2	<50
217013	<1	--	7	32	<2	<50
217014	<1	--	4	3	<2	<50
217015	<1	--	6	3	<2	<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

181051

ANALABS

Our reference : BU015817
Your reference : 114029
Project code : 9908104946
Report date : 04/03/99
Report status : Final
Page : 6 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
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

181052

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 : 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

181053

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 : 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

181054

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:

Salisbury Rd, Leviathan Hill
Denmans Rd, McFarlanes soils

Remarks :

Authorised by .....
On behalf of:

Rob Chapman
Laboratory Manager

181055

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

A N A L A B S

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

181050

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
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
Page	:	6 of 10

181057

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

A N A L A B S

181058

Our reference : BU015860
Your reference : 114034
Project code : 9908104891
Report date : 19/03/99
Report status : Final
Page : 7 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
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
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

181059

APPENDIX 4

ROCK SAMPLE ASSAY RESULT SHEETS (ANALABS)

181060

A N A L A B S

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

Our reference : BU014819
Your reference : **WCAR455003**
Project code : Diamond Drill Core
Date received : 26/06/98
Date reported : 14/07/98

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

TAS 7270

Number of pages of results : 2
Number of Samples : 29
First Sample : 15000
Last Sample : 213620

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

TAS 7270

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

Results to:

213441 – 213620 EL 20/94.

Results to:

213478
213479
213480

Remarks : Re-issue of report.
Variable gold assay repeats indicate the presence of coarse gold.

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.

181061 ANALABS

Our reference : BU014819
Your reference : **WCAR455003**
Project code : Diamond Drill Core
Report date : 14/07/98
Report status : Final
Page : 1 of 2

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

ANALYTICAL DATA

Sample	Cu	Pb	Zn	Ag	As	As
213478	6	<3	2	<1	<50	<1
213479	4	<3	<2	<1	<50	<1
213480	6	4	<2	<1	<50	<1
Method	A102	A102	A102	A102	A102	H102
Units	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	2	3	2	1	50	1
Upper Method		A103				

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

181062

A N A L A B S

Our reference : BU014819
Your reference : **WCAR455003**
Project code : Diamond Drill Core
Report date : 14/07/98
Report status : Final
Page : 2 of 2

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

ANALYTICAL DATA

Sample	As	Au	Au(R)	Au(R2)	Au(R3)	
213478	N.A.	0.03	<0.01	<0.01	--	
213479	N.A.	<0.01	--	--	--	
213480	N.A.	<0.01	--	--	--	
Method	A103	F630	F630	F630	F630	
Units	%	ppm	ppm	ppm	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.01	

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

181063

ANALABS

ANALYSIS DESCRIPTION

Job number : BU014819 Order number : WCAR455003

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

---

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

Scheme code : G102 - Triple acid digest, Geochemical samples

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

Scheme code : A102 - AAS analysis

AAS analysis of sample after G102 digest.

Scheme code : H102 - Hydride AAS analysis

Hydride AAS analysis after G102 digest.

Scheme code : G103 - Triple acid digest, Ore Grade samples

Triple acid digest, (HCl,HNO3,HClO4), Ore grade
samples.

Scheme code : A103 - AAS analysis

AAS analysis of sample after G103 digest.

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

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

181064

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.
Rooleys Rd
Peaked Hill 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.

181065

A N A L A B S

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			
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			
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

181066

A N A L A B S

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
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
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

181067

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 : 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:

Rocks.

Remarks :

inc EG edit ry.

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.

181068

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
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
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
216822	<1	--	11
216826	<1	--	<1
216827	<1	--	<1
216828	<1	--	<1
216829	<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

181069

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
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
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
216822	17	49	15	<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
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

181070

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 : 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:

Rocks.

Remarks : Leviathan, Lightwood Hill ex.

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.

181071 A N A L A B S

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
217011	<1	<1	9	8	<2	<50
217012	<1	–	3	<3	<2	<50
217013	<1	–	7	32	<2	<50
217014	<1	–	4	3	<2	<50
217015	<1	–	6	3	<2	<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

181072

A N A L A B S

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

Our reference : 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:

213622, 213626 + 213637 from Relinquished part EL 20/94.

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.

191073

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
213622	33.60	69.37	7.87	29.5	5.6	1.09
213626	32.43	66.67	7.49	28.1	5.2	1.01
213637	56.54	116.11	12.43	45.1	8.0	1.64
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

181074

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
213622	4.7	3.9	2.1	2.0	14.6	14.22
213626	4.1	3.4	1.7	1.7	12.3	12.69
213637	5.9	4.7	2.1	2.1	14.8	16.33
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

181075

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
213622	456	3100	273	60	11	99
213626	478	2708	341	61	14	87
213637	105	3639	311	76	15	129
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

181076

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 : 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
213622	0.65	0.75	0.32	0.3	8	N.A.
213626	0.52	0.65	0.27	0.3	6	N.A.
213637	0.72	0.85	0.33	0.3	6	N.A.
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

181077

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	
213622	33	383	21	7	77	
213626	25	340	21	6	126	
213637	34	887	24	4	74	
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

181078

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				
213622	32	9				
213626	29	6				
213637	16	13				
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

181079 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

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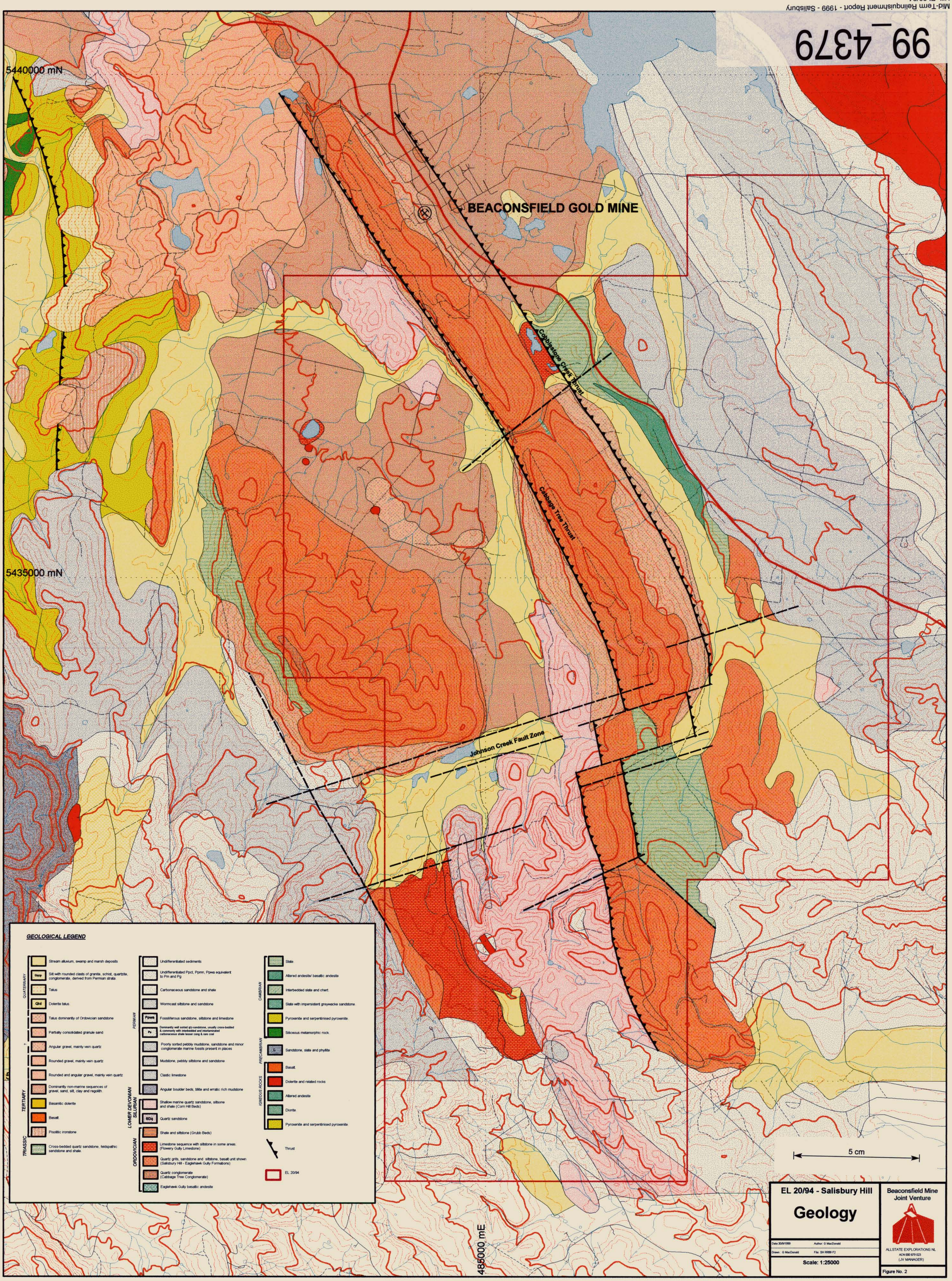
Glass fusion, XRF, Silicate rock analysis

ANALYSIS DESCRIPTION



99_4379

Mid-Term Relinquishment Report - 1999 - Salisbury Hill, EL20/94
Allstate Explorations NL*; Beaconsfield Mine Joint Ven
Hills, P.B.; Macdonald, G. EL20/94

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 / 17400mE — 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

5 cm

EL 20/94 - Salisbury Hill

Grid Fact Mapping and Rock Sampling Northwest block

Date:30/9/1999 Author: G MacDonald
Drawn :G MacDonald File: SH AR99 F4

Scale: 1:5000

Beaconsfield Mine Joint Venture

ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)

Figure No. 4

19108

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

Leviathan Hill
19500mN
8500mE
Derrimans
18500mN
18000mN
17500mN
17000mN
16500mN
16000mN
15500mN
Peaked Hill North
Fulwood
Greaves Rd

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)

5 cm

99_4379

Mid-Term Relinquishment Report - 1999 - Salisbury Hill, EL20/94
Allstate Explorations NL*; Beaconsfield Mine Joint Ven
Hills, P.B.; Macdonald, G. EL20/94

EL 20/94 - "Salisbury Hill"

Soil Sample Results Northwest block

Date:25/9/1999 Author: G MacDonald
Drawn : G MacDonald File: SH RR99 F5

Scale: 1:5000

Beaconsfield Mine Joint Venture

ALLSTATE EXPLORATIONS NL
ACN 000 679 023
(JV MANAGER)

Figure No. 5

181082