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**FICHE No. 014860-61**

MINERAL RESOURCES		
FILE REF: EL44/88		
16 NOV 1998		
DOC. REF.		
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**PASMINCO EXPLORATION**

**BURNS PEAK EL 44/88**

**PARTIAL RELINQUISHMENT REPORT**

**NOVEMBER 1998**

**Author:** FC Murphy  
K Denwer

**Date:** November 1998

**Submitted To:** Regional Exploration Manager, Tasmania

**Copies To:** Tasmanian Development and Resource Industry  
Safety and Mines Division, Hobart  
Pasminco Exploration, Melbourne  
Pasminco Exploration, Rosebery  
Pasminco Mining, Rosebery  
Homestake Mining Co, Perth

**Submitted By:** 

**Accepted By:** 

**Melbourne File No:** VC 217

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## 1. SUMMARY

As per statutory requirements, an area of 24.1km<sup>2</sup> is being relinquished on December 9th, 1998 from the Burns Peak JV EL 44/88. An area of 9.9km<sup>2</sup> is being retained as an Extension Licence. All previous exploration undertaken within the relinquished area is detailed in annual reports for the Burns Peak EL, now on open file. A brief summary of exploration is detailed in Table 2.

Work completed within the relinquished area during the period November 1997 to November 1998 has consisted of an internal review of the exploration potential of the licence area which resulted in diamond drilling of 2 holes (BPD 88 and 89, total 410m) at the Summit Prospect, and reconnaissance mapping, rock sampling and partial leach B-horizon soil sampling at the Railway Prospect. Results of these programs are detailed in this report.

## 2. INTRODUCTION

This report documents work undertaken within the relinquished area of Exploration Licence 44/88 Burns Peak in Western Tasmania, covering the period November 1997 to November 1998.

Exploration on the Burns Peak EL is managed and operated by Pasminco Exploration, a division of Pasminco Australia Limited (Pasminco), on behalf of a Joint Venture between Pasminco, Noranda Proprietary Limited and Homestake Mining Company (previously Plutonic Resources Limited).

The retained portion of the EL, as an Extension Licence, now covers 9.9km<sup>2</sup> of Cambrian Mt Read Volcanics, and lies 6km north west of the Tullah township and north of Lake Rosebery (Figure 1). The principal target to exploration on the licence is volcanic hosted auriferous base metal massive sulphide similar to mineralisation at Rosebery and Hercules.

The EL includes old workings in the Pinnacles and Chester areas. These sites have been the focus of a sustained exploration effort over 40 years, which has left a legacy of good access tracks and grid lines.

During the period covered by this report, exploration within the relinquished area has consisted of a review of exploration potential with follow up programs involving diamond drilling at the Summit Prospect, and reconnaissance mapping, rock sampling and partial leach (MMI) B-horizon soil sampling at the Railway Prospect.

All previous annual reports detailing exploration carried out within the relinquished area of the Burns Peak EL are now on open file. A full bibliography of these reports is given in Section 10.

### 3. TENURE

EL 44/88, Burns Peak, was initially granted for a renewable one year term on 9 December 1988 to Noranda Pty Ltd. Following the successful tender Noranda Pty Ltd and Pasminco Limited formed a Joint Venture involving EL 44/88. Pioneer Minerals Australia Limited became a third member of the Joint Venture upon granting of the EL. The Burns Peak Joint Venture was executed on 6 March 1990, between the three companies, having been effectively in place since granting of the EL. The licence has been renewed each year since December 1989 and a further one year renewal is being sought. The licence area was reduced by 50% in accordance with Mines Department regulations at the end of the 5<sup>th</sup> year of tenure.

During this 10<sup>th</sup> year of tenure, in accordance with Mines Department regulations, an area of 24.1 sq km is being relinquished on 9<sup>th</sup> December. Figures 1 and 3 show the area being relinquished.

Until 1 July 1990, Geopeko, the exploration division of North Broken Hill Peko Ltd, managed the EL under contract to Pasminco. Since that time, Pasminco Exploration (a division of Pasminco Australia Ltd) has managed the project. Exploration expenditure was shared equally between the joint venture partners until June 1993, when Noranda elected not to contribute to the July-December 1993 program. Pioneer Minerals Australia was renamed Plutonic Resources Limited and "Pasminco Australia Limited" has been substituted on all licence documents in place of "Pasminco Limited". As of August 1997, Management of the licence was transferred from Pasminco Exploration to Pasminco Mining, Rosebery.

During the current reporting period, Plutonic Resources Limited were taken over by the Homestake Mining Company. While Homestake retains a 50% share in the Joint Venture, they have elected not to contribute to the exploration expenditure.

The EL is subject to a number of land classifications, which were revised in May 1993. The current land tenure includes land vested in the Hydro-Electric Commission in the area immediately surrounding Lake Rosebery and the Transmission Lines, Multiple Use Forest Land and Deferred Forest (Figure 2). Most of the tenement is Unallocated Crown Land designated as Multiple Use Forest.

#### 4. REGIONAL GEOLOGY

Basement in western Tasmania is Precambrian age, comprising predominantly greenschist facies meta-sediments with minor basalts and dolerites. Higher grade amphibolite and eclogite facies are also present within the Precambrian. This Precambrian basement is exposed to the west of the Burns Peak licence (Figure 3).

Cambrian volcanism and sedimentation developed on this Precambrian continental crust, and is subdivided into the Eco-Cambrian tholeiitic Crimson Creek Formation (CCF) and, the mid to late Cambrian Dundas Group and the predominantly calc-alkaline, Mt Read Volcanics (MRV).

The CCF was deposited in shallow but rapidly subsiding basins (Brown, 1986). The CCF consists of basaltic lavas and volcanoclastics, turbidites, carbonates, chert and minor evaporites. This formation is exposed west of the licence.

Ultramafic cumulates and volcanic equivalents were thrust onto the CCF in the mid Cambrian (Crawford and Berry 1991). These rocks generate strong magnetic anomalies and outcrop within the Huskisson Syncline, to the west of the licence. Ultramafics are interpreted at depth to the north of the licence.

The MRV form a 200km long by 20km wide north-south trending belt along the eastern side of the Dundas Trough, adjacent to and in some areas overlapping and intruding the Precambrian basement. The volcanics include intermediate to felsic lavas, subvolcanic porphyries and granites, volcanoclastics and basement-derived sedimentary rocks. The MRV host five economically significant volcanic hosted massive sulphide deposits.

Equivalents of the MRV underlie the entire Burns Peak licence, and vary from massive felsic lavas, volcanoclastics and subvolcanic intrusives in the southeast, to mixed provenance fine to coarse grained sediments in the north and northwest.

A package of sediments which possibly postdates the MRV occurs in the western sector of the licence, footwall to the Rosebery Fault. These carbonate siltstones, wackes and polymict conglomerates have been recently temporally correlated via fossil evidence with the Owen Conglomerate, and are considered to be part of the Dundas Group. Gradationally overlying this sequence are quartz muscovite sandstone and conglomerate largely derived from Precambrian metasediments, but with some material from felsic volcanics and ultramafics.

Regional structures which subdivide the MRV are the Rosebery Fault, which lies close to and parallels the western licence boundary, and the Henty Fault which is located 5km east of the licence.

Cambrian volcanism and sedimentation was followed by predominantly basement derived late Cambrian to Devonian age sedimentation, which includes siliciclastic conglomerate, sandstone and limestone. None of these sequences occur within the licence.

At least two phases of regional compression were associated with the mid Devonian Tabberabberan Orogeny (Keele, 1991). The development of folding, cleavage and regional thrusts in lower Paleozoic rocks were associated with this event. Fold trends in

the licences are N to NE.

Deformation was followed by the extensive intrusion of Devonian to Carboniferous granitoids. The Merideth Granite and associated hornfels aureole outcrop west of the Burns Peak licence (Brown, 1986). The Merideth Granite dominates the regional gravity feature in the licence area. The Devonian granites are associated with carbonate replacement Sn mineralisation at Renison Bell and Mount Bischoff, and the Pb Zn Ag vein deposits of Zeehan and possibly the Tullah Fields.

After substantial erosion of this terrane extensive Tertiary flood basalts and subvolcanic sediments were deposited. Remnants of the basalt flows are preserved to the north of the licence.

Numerous sub-economic base metal sulphide deposits occur on the western side of the EL, in a narrow belt of NE-SW mineralised rocks including the Southern Trenches, Thomas' Tunnel, Brown's Tunnel and Leo's Find workings (Figure 4). The large Chester massive pyrite workings are also documented, mainly along the western side of the EL, within the Central Volcanic Complex.

## 5. PREVIOUS EXPLORATION

The extensive history of exploration and mining in the area covered by the current Burns Peak EL 44/88 was summarised by Rosenhain and Mathison (1989) and is presented here as Table 1.

**Table 1: Exploration and Mining History of Burns Peak area**

YEAR	EXPLORATION/MINING ACTIVITY	CONDUCTED BY
1896	Discovery of Pinnacles Lodes	McGuinness Bros.
1899	Discovery of alluvial gold in Marionoak River (Strong's Alluvial Workings)	Tom Strong
1899	Discovery of Kershaw's Iron Blow	Chesterby F Kershaw & H Sanderson
1899	Brown's Tunnel driven: est. production 300t @ 2%Zn, 2g/tAu, 4 g/tAg	N/A
1899	Southern Trenches: est. production 55t @ +10%Zn, +8% Pb, +8g/tAu, 38g/t Ag	N/A
1899	Thomas' Tunnel driven (Thomas' workings): est. production 50t @4%Zn, 7%Pb, 1g/tAu, 240g/tAg	N/A
1908	Mt Lyell Mining & Railway Co Ltd secured Chester Leases	Mt Lyell Mining & Railway Co Ltd.
1908-1913	Intensive exploration & mining development at Chester - production 36 000t @ 37%S	N/A
1918-1929	Minor production from Chester - 700t @ +25%S	Cuming Smith & Co.
1947-1959	Foot & vehicle access created to Pinnacle area; 14 small diameter DDH; topography & workings surveyed; geophysical surveys	Electrolytic Zinc Company
1959-1960	Geochemical, geological & geophysical surveys over Pinnacles & Chester; "The significant feature of this coverage is that Pinnacles Mine Mineralisation is non-conducting"	N/A
1968-1972	Initial phase of gridding, geochemical sampling, geophysics, mapping & 3DDH at Chester	Comstaff

**Table 1: Exploration and Mining History of Burns Peak area (cont.)**

YEAR	EXPLORATION/MINING ACTIVITY	CONDUCTED BY
1973-1976	Second phase of gridding, geochem sampling etc, 10 DDH drilled at Pinnacles and 13 at Chester; new metric grid, new soil sampling, new IP; airborne EM.	Comstaff
1976-1979	Preussag entered into JV with Comstaff; detailed mapping & structural synthesis completed; C-horizon soil geochem, 2 DDH, trial PEM & IP over Leo's Find.	Preussag & Comstaff (JV)
1980-1983	Exploration of East Chester area; new grid, grid extensions, C-horizon soil geochemistry; ground magnetics, OP, DIGHEM, DDH at East Chester.	Preussag & Comstaff (JV)
1984-1985	New grid at Pinnacles mapped; C-horizon soil sampling; ground magnetics; UTEM; 19 DDH with discovery of small lenses of massive sulphide & patchy gold mineralisation; new geol interp.	Preussag & Comstaff (JV)
1986-1988	BHP entered JV; reinterpretation & compilation of exploration results; blanket UTEM & downhole SIROTEM; new geol interp; petrological studies; wacker sampling.	BHP (JV)

EL 44/88 is currently at the end of the 10<sup>th</sup> year of tenure. Details of exploration activities undertaken over this period of tenure are documented in past annual reports, now on open file (Rosenhain and Mathison, 1989; Lorrigan, 1990; Kirsner, Lorrigan and Rae 1991; Kirsner 1992; Poltock, Kirsner and Saxon 1993; Poltock and Saxon 1994; Saxon 1995, Quayle and Dibben 1996; Dibben 1997 and Weber, Dibben and Murphy, 1997). Table 2 provides a summary of previous exploration.

**Table 2: Summary of Exploration of Burns Peak EL 44/88 - 1989 to 1997**

REPORTING PERIOD	EXPLORATION UNDERTAKEN	PROSPECTS
1988-1991	Extensive geol mapping; re-appraisal of previous data; Wacker sampling; geochem; petrology; DHEM; CSAMT; DH-SIROTEM; MALM; aeromag survey; regional & local gravity surveys; drilling of 12 DDH; rehab of old tracks; costeans & workings.	-

Table 2: Summary of Exploration of Burns Peak EL 44/88 - 1989 to 1997 (cont.)

REPORTING PERIOD	EXPLORATION UNDERTAKEN	PROSPECTS
1991-1992	3 DDH; geol mapping & relogging drill core; gravity infill & interp; ore/pathfinder/whole rock geochem; downhole EM (3 DDH); compilation/computerisation of historic geochem data. Exploration managed by Pasminco	Hollway & Summit
1992-1993	3 DDH; geol mapping & gridding (Sth Kershaw-Hollway); review & compilation of previous exploration; dipole-dipole IP (Sth Kershaw-Hollway); soil geochem (Sth Kershaw); ore/pathfinder/whole rock geochem. Exploration managed by Pasminco.	South Kershaw-Hollway
1993-1994	3 DDH, gridding, soil/rock geochem; DHEM; MALM; ground mag & mapping. Exploration managed by Pasminco	-
1994-1995	5 DDH & extension of CP7; DHEM; gridding & geol mapping (Hollway area). Exploration managed by Pasminco	Hollway
1995-1996	2 DDH; geol mapping; ground mag; IP and DHEM (Hollway). 4DDH & re-evaluation of mineralisation (Browns Tunnel). Grid refurbishment & infill gridding; soil sampling; ground mag; trenching & 7RC holes (Southern Trenches. Exploration managed by Pasminco	Hollway, Brown's Tunnel, Southern Trenches.
1996-1997	Compilation & evaluation of exploration data including soil sampling, ground mag, trench sampling mapping & RC drilling which were conducted towards the end of previous annual reporting period; thorough review of previous exploration, data entered into Pasminco GIS and Prospectivity Review conducted.	Hollway, Brown's Tunnel, Southern Trenches.

## 6. WORK COMPLETED

Work completed within the relinquished area on the Burns Peak JV EL 44/88 during the period November 1997 to November 1998 has consisted of

- diamond drilling within the Summit prospect
- reconnaissance mapping, rock sampling and partial leach (MMI) B-horizon sampling within the Railway prospect.

### 6.1 Summit Prospect

#### 6.1.1 Geology

The Summit Prospect occurs on the southern limb of a syncline identified by Kirsner (1992). The geology is dominated by three main lithologies (Figure 5) all of which have an east-west orientation. The basal unit is the Hollway Andesite, a feldspar ± hornblende phyric often hyaloclastic brecciated, andesite lava. The Hollway Andesite is about 400m thick in its main body to the south and is absent at the Boco Road. The andesite has a well developed peperitic margin at its northern contact with the overlying black shale (this peperite is clearly evident in BPB 089, see below) indicating that it is a sub-volcanic intrusive body that intruded into wet sediments. The overlying shales are typically carbonaceous black shales but grey shales also occur, they strike east-west and dip and young to the north. Within the shales are a quartz-feldspar phyric porphyry with prominent quartz phenocrysts to 5mm diameter. The porphyry has a distinct peperite basal margin that is well exposed on the track approximately 50m south of BPB 088.

Directly below the andesite is a distinct micaceous sediment marker horizon which is seen in EAB4 (this is probably an Animal Creek Greywacke equivalent). Putting this into a Hellyer context the Hollway andesite has affinities with both the Hellyer hangingwall basalts and the footwall andesites. Kirsner (1992) suggests that there may be two flows and the Hellyer position is within the andesite package.

#### 6.1.2 Diamond Drilling

A review of the Summit Prospect highlighted an area of IP anomalism, the majority of which is under glacial cover. This anomaly is at least partly related to shales, however there are some major fault dislocations within the shale (as evident in the IP, Figure 6). The anomaly also occurs along strike of historic drill hole EAB1, which intersected 2.7m @ 3.1%Zn, 0.8%Pb from 121.3-124.0m (assays do not repeat at this level: see discussion below). In the small area of exposure there is associated anomalous Zn and Pb soil geochemistry. Drillhole BPD 088 was targeted at this area of anomalous Zn and Pb, and drill hole BPD 089 was targeted at the IP anomaly.

Low Impact Diamond Drilling Specialists (LIDDS) were contracted to complete this drilling. Collar and survey information for holes BPD 088 and BPD 089 is shown in Appendix 1. A summary log for the holes is shown in Tables 3 and 4, a drill section in Figure 7 and assay results in Appendix 1

### **Results and Discussion**

**Table 3: BPD 088 Summary log**

<b>Interval (m)</b>	<b>Lithologies</b>
0.0 - 9.4	black shale
9.4 - 16.3	cream siltstone
16.3 - 21.3	pyritic breccia, pyrite & volcanic clasts in py-qtz-carb matrix
21.3 - 28.8	fine-grained vesicular andesite
28.8 - 35.1	fault
35.1 - 199.8	hyaloclastic andesite

BPD 088 intersected a pyritic breccia at the top of the Hollway Andesite which had associated minor base metal anomalism to 0.18% Zn and 718ppm Pb. Disseminated galena and sphalerite associated with a fault was intersected from 57-64m. This 7m interval assayed 0.54% Zn and 0.17% Pb.

**Table 4: BPD 089 Summary log**

<b>Interval (m)</b>	<b>Lithologies</b>
0.0 - 102.0	quartz eye feldspar porphyry
102.0 - 144.7	black shale with minor interbedded sandstone
144.7 - 154.1	feldspathic sandstone
154.1 - 173.2	peperite, intermixed fine grained sediment and andesite
173.2 - 210.3	feldspar phyrlic andesite, variable hyaloclastic and vesicular

Minor rims of sphalerite with trace galena are noted around the edges of the sediment within the peperite intersected in BPD 089. The base metals appear to have been remobilised from the sediment. Best assays for this hole are within the feldspathic sandstone. The interval from 150-154m assayed 4m at 2703ppm Zn and 579ppm Pb. The IP response is from the black shale and does not appear to represent mineralisation.

Historic drill hole EAB1 was reported as intersecting 2.7m @ 3.1 % Zn 0.8% Pb and 6.5 g/t Ag from 121.3-124.0m. This interval was a single sample interval with only 10cm sampled and the remainder as grind on the side of the core. This

interval was re-assayed (3 samples) with disappointing results (see Appendix 1), the interval repeated at 2.7m @ 0.4 % Zn and 0.24 % Pb.

A main reason the Summit Prospect was highlighted was the significant IP anomaly. In addition, the glacial cover was believed to be the cause of the low geochemical response. A heavy rain storm however showed the glacials to be quite thin (<1m) and exposed outcrop on the newly excavated track. This lack of significant cover shows that the geochemical response reflects the actual geochemistry of the underlying basement. The potential of the Summit Prospect has therefore been downgraded.

## 6.2 Railway Prospect

### 6.2.1 Geology

The Railway Prospect (Figure 8) covers a positive gravity anomaly identified in 1990 (Kirsner, 1991) and 1991 (Kirsner, 1992). This 2-3 mGal anomaly was the subject of a detailed gravity survey in 1992 with gravity measurements collected at a nominal 200m spacing

The anomaly occurs within the Central Volcanic Sequence, apparently well below what is deemed prospective (in terms of "favourable stratigraphic position"). However, the anomaly retains some potential as it lies adjacent to a major NW cross-structure that truncates the NE trending Boco-Chester lineament. One explanation of the anomaly is that it represents an accumulation of sulphides like that at Boco and Chester (pyrite?). There is no historic soil data in the prospect area. To test the anomaly, one line of partial leach (MMI) B-horizon soils across the top of the gravity feature was completed to identify whether the system is barren, and reconnaissance mapping was completed to try and explain the anomaly. There is an historic Zn stream sediment anomalous response in the vicinity of the Railway area which held some interest. However, the significance of this is undermined by the often mineralised nature of the materials used to construct the railway line. An Fe-bearing mineral occurrence is also located along the railway line north of the gravity feature.

Mapping was undertaken on both the Railway line that circumvents the gravity anomaly and along one grid line. This mapping confirmed that the geology in this area is dominated by felsic volcanics, typical of the Central Volcanic Sequence. All exposures within the area are unaltered. Although exposure is limited within the area of the gravity anomalism, several exposures of a vesicular andesitic-basaltic lava have been found. It is possible that this unit is the cause of the gravity anomaly.

Four rock chip samples were collected from the Railway line and the grid (Appendix 2). Samples of both the andesite and felsic volcanic were unaltered and contain very low base metals.

### 6.2.2 Partial Leach Geochemistry

Line 3600N of the BHP/Comstaff grid was refurbished from the HEC power line access track for 1.5km. Sampling of B-horizon soils was undertaken from the licence boundary for 750m across the gravity anomaly with samples taken at 25m intervals (31 samples). Figure 8 shows the location of the sampling traverse. Figure 9 shows the multi-element "spidergrams" resulting from the partial leach extraction. These indicate that there is no coherent geochemical response over the area of the gravity low. However, there is an elevated multi-element signature at the very western end of the line (seen in Pd, Sb, Tl, Ni, Ba, Co, Bi, As, Ag and Cu). In addition, the eastern end of the line shows a less coherent (noisy) response in Zn, Sb, Ag, As, and Au. Neither of these areas have been followed up as they are not regarded to reflect responses related to a significant body of mineralisation. The potential of the Railway Prospect has therefore been downgraded, with the gravity response being attributed to vesicular flows in the area.

## 7. CONCLUSIONS & RECOMMENDATIONS

The Burns Peak area has been explored for 10 years by Pasminco Exploration, building upon the efforts of earlier prospectors and explorers for the past 100 years. It has traditionally been regarded as "the next best address" outside of the Rosebery Mine Lease and, while this is may be an applicable statement for the 9.9km<sup>2</sup> area of the Extension Lease, the remainder of the licence area has been fairly extensively and intensively explored with current methodologies and techniques and is therefore being relinquished. All previous annual reports are now on open file.

**8. ENVIRONMENTAL DISTURBANCE AND REHABILITATION**

A track was constructed to access the two drill sites at the Summit Prospect. These have now been rehabilitated in accordance with guidelines set down by the Mineral Exploration Code of Practice. No other exploration activities in the Relinquished area in the current year have required rehabilitation work. All previous exploration activities by Pasminco Exploration that have involved environmental disturbance were rehabilitated in previous years.

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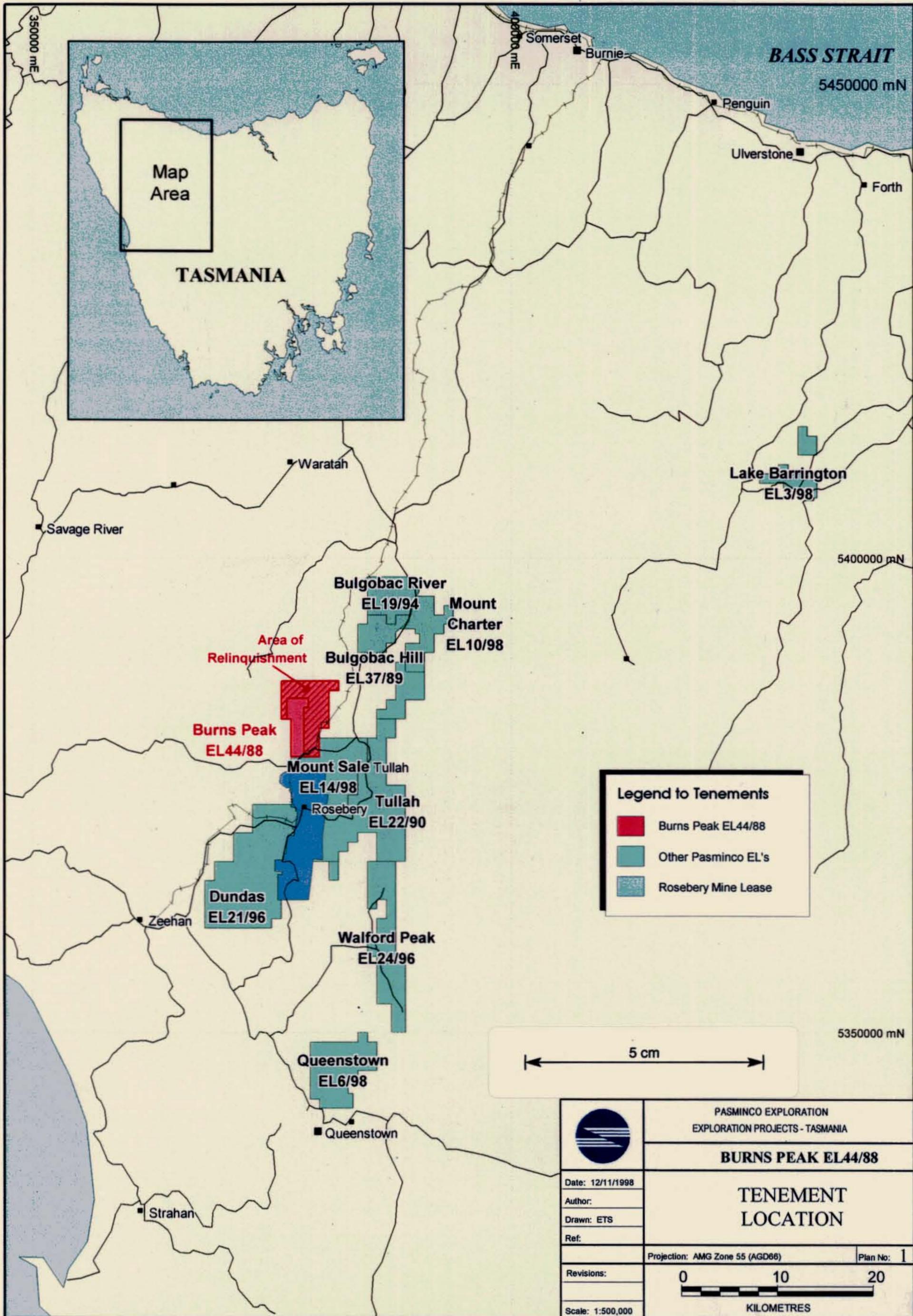
**11. KEYWORDS & LOCALITY****KEYWORDS**

COPPER, ZINC, GOLD, ANDESITE, BASALT, RHYOLITE, VOLCANICS, FAULT, SHEAR ZONE, FOLD, PYRITE, CHLORITE, SERICITE, CARBONATE, MASSIVE SULPHIDES, ASSAYS GEOCHEM, DRILL DIAMOND, GEOCHEM SOIL, GEOL MAPPING DETAILED, GEOPHYS BOREHOLE, GEOPHYS MAGNETICS, ALTERATION, ORE POTENTIAL

MT READ VOLCANICS, BURNS PEAK, SOUTHERN TRENCHES, THOMAS'S TUNNEL, BROWN'S TUNNEL, SHALE BASIN, SUMMIT, HOLLWAY, EAST HOLLWAY, CHESTER, PINNACLES, RAILWAY

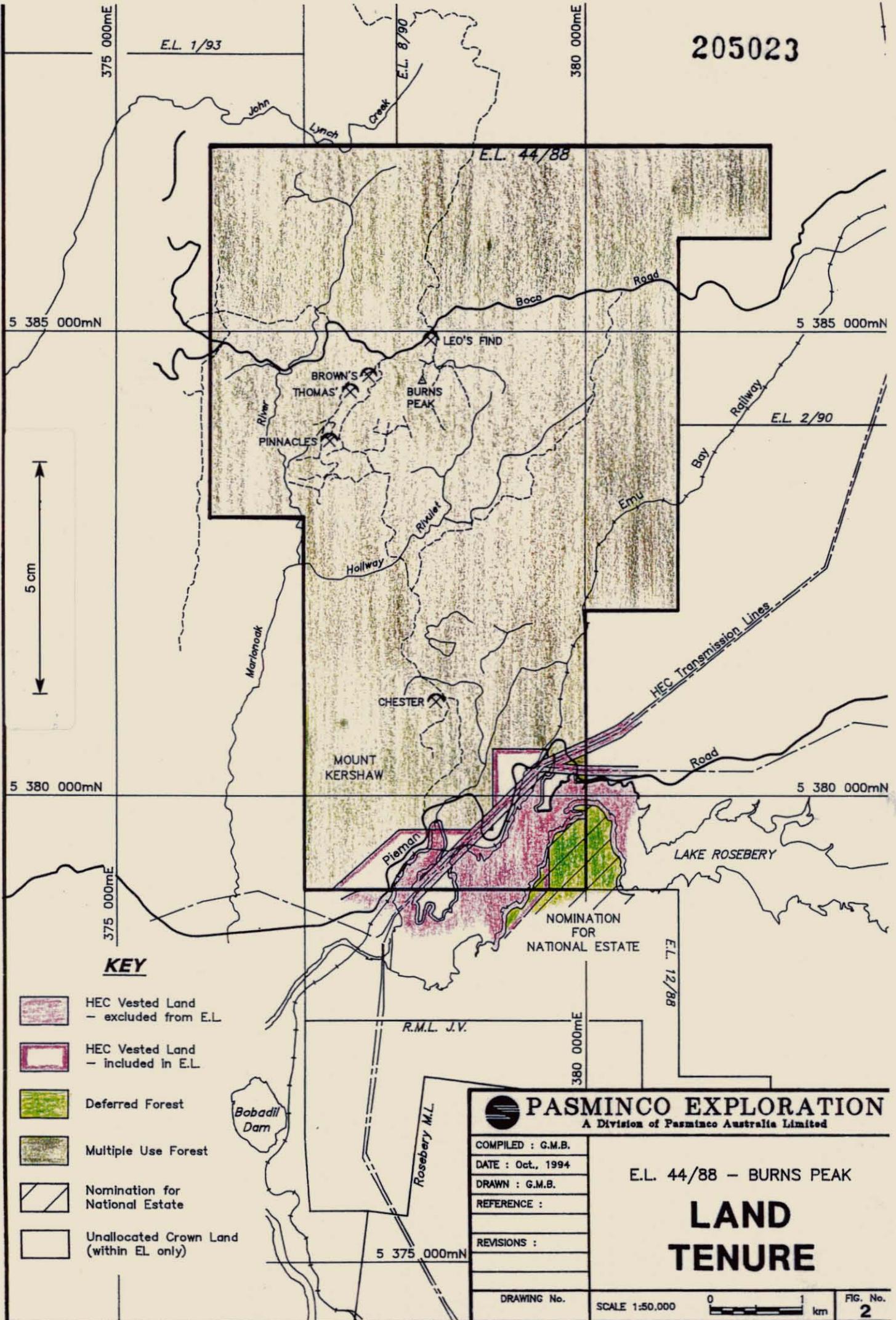
**LOCALITY**

BURNIE SK5503



205022

205023



5 cm

**KEY**

-  HEC Vested Land - excluded from E.L.
-  HEC Vested Land - included in E.L.
-  Deferred Forest
-  Multiple Use Forest
-  Nomination for National Estate
-  Unallocated Crown Land (within EL only)

**PASMINCO EXPLORATION**  
 A Division of Pasminco Australia Limited

COMPILED : G.M.B.  
 DATE : Oct., 1994  
 DRAWN : G.M.B.  
 REFERENCE :  
 REVISIONS :

E.L. 44/88 - BURNS PEAK  
**LAND TENURE**



# PASMINCO EXPLORATION

A Division of Pasma Australia Limited

COMPILED : P.G.R.

DATE : Oct., 1994

DRAWN :

REF. :

REVISIONS :

E.L. 44/88 - BURNS PEAK JV

## REGIONAL GEOLOGY

FROM MAP 6  
MT. READ VOLCANICS PROJECT

205024

DRAWING No.

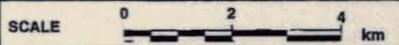
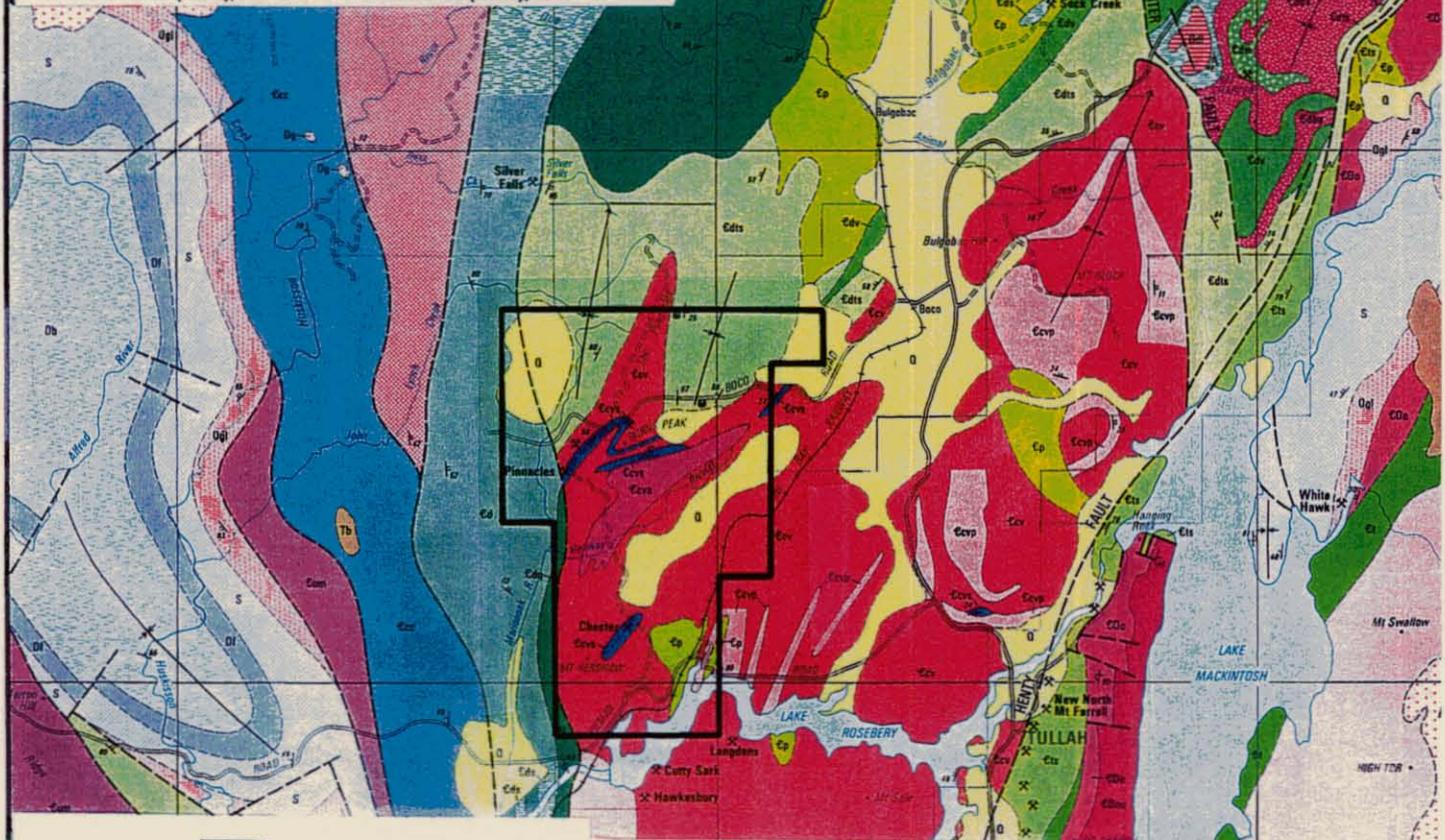


FIG. No. 3

ACKNOWLEDGEMENT: Mt. Read Volcanics Project Map adopted from Map 6 - Geological Compilation Map of the Mt. Read Volcanics and Associated Rocks, from Hellyer to South Darwin.

K. D. Corbett B Sc (Hons), PhD and A. W. McNeill B Sc (Hons), 1988



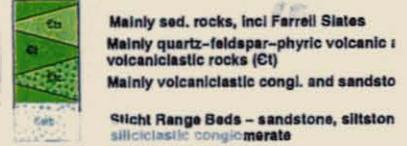
QUATERNARY	Q	Glacial deposits, alluvium, etc.
TERTIARY	Tb	Basalt
	Ts	Sediments - gravel, sand, clays
JURASSIC	Jd	Dolerite
PERMIAN - CARBONIFEROUS	P	Undifferentiated
DEVONIAN	Dol	Dolerite
	Dg	Granite
DEVONIAN - SILURIAN	Ds	Bell Shale
	S-D	Florence Sandstone
	S	Silurian
ORDOVICIAN	Og	GORDON GROUP limestone
EARLY ORDOVICIAN - LATE CAMBRIAN	U	Upper sandstone sequence including Pioneer Beds (EOu)
	EOo	Undifferentiated conglomerate and sandstone (EOo)
	COon	Newton Creek Sandstone (COon) - interbedded sandstone siltstone and conglomerate with marine fossils

### MT. READ VOLCANICS

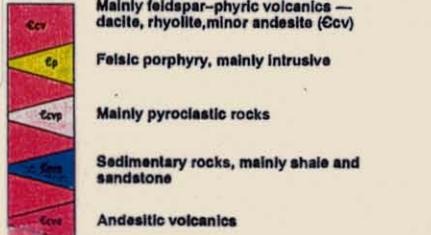
#### NORTH AND WEST OF HENTY FAULT DUNDAS GROUP AND CORRELATES



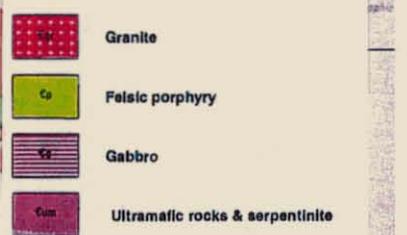
#### SOUTH AND EAST OF HENTY FAULT TYNDALL GROUP AND CORRELATES



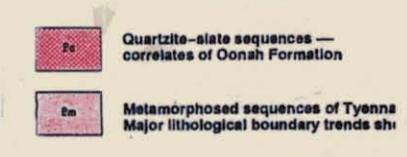
#### CENTRAL VOLCANIC COMPLEX

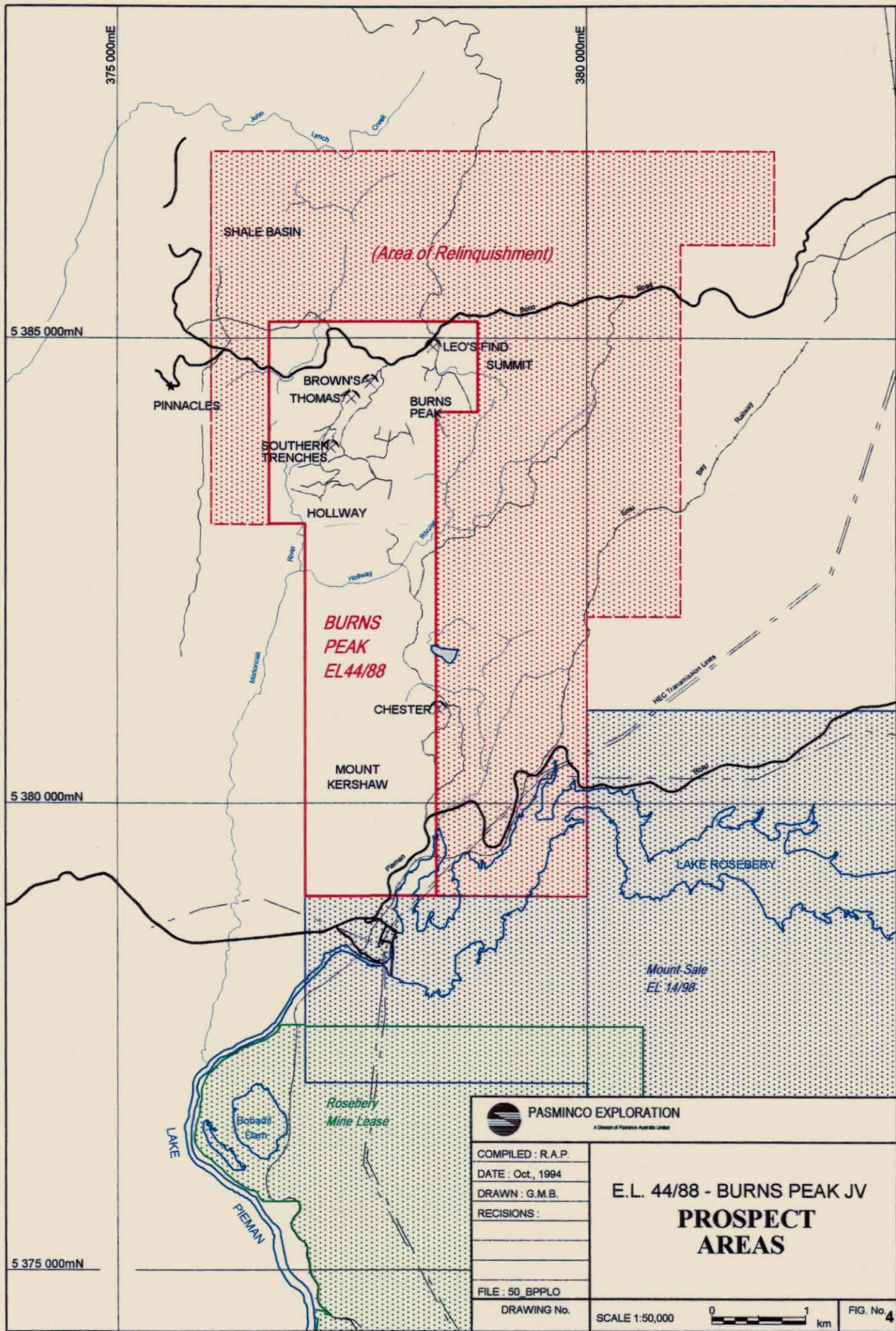


#### CAMBRIAN INTRUSIVE ROCKS

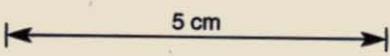


#### PRECAMBRIAN

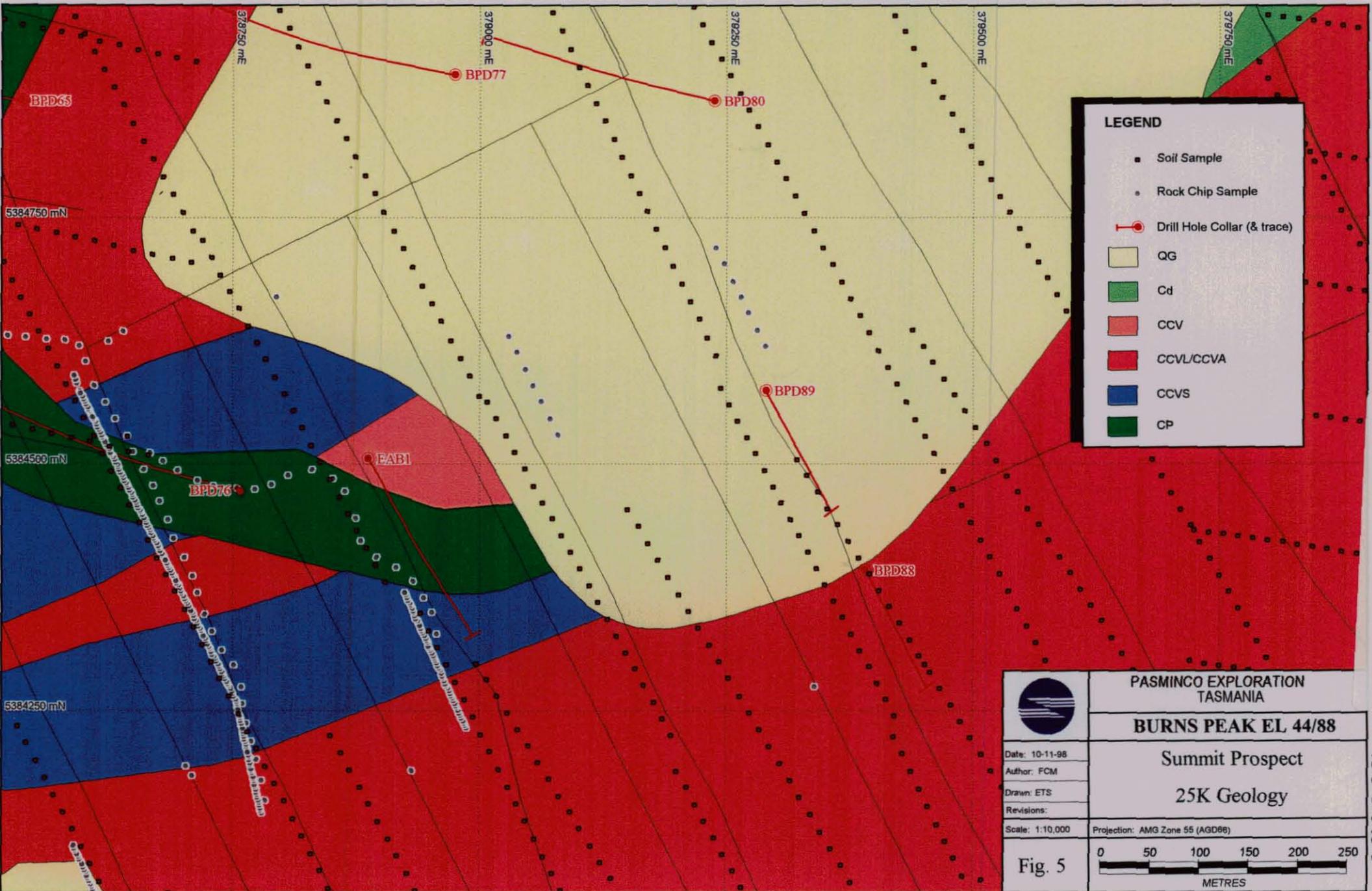




 <b>PASMINCO EXPLORATION</b> <small>A Division of Pasminco Australia Limited</small>	
COMPILED : R.A.P. DATE : Oct, 1994 DRAWN : G.M.B. REVISIONS :  FILE : 50_BPPLO	<b>E.L. 44/88 - BURNS PEAK JV          PROSPECT          AREAS</b>
DRAWING No.	SCALE 1:50,000
	
FIG. No. <b>4</b>	

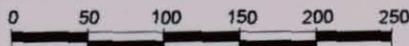


205025

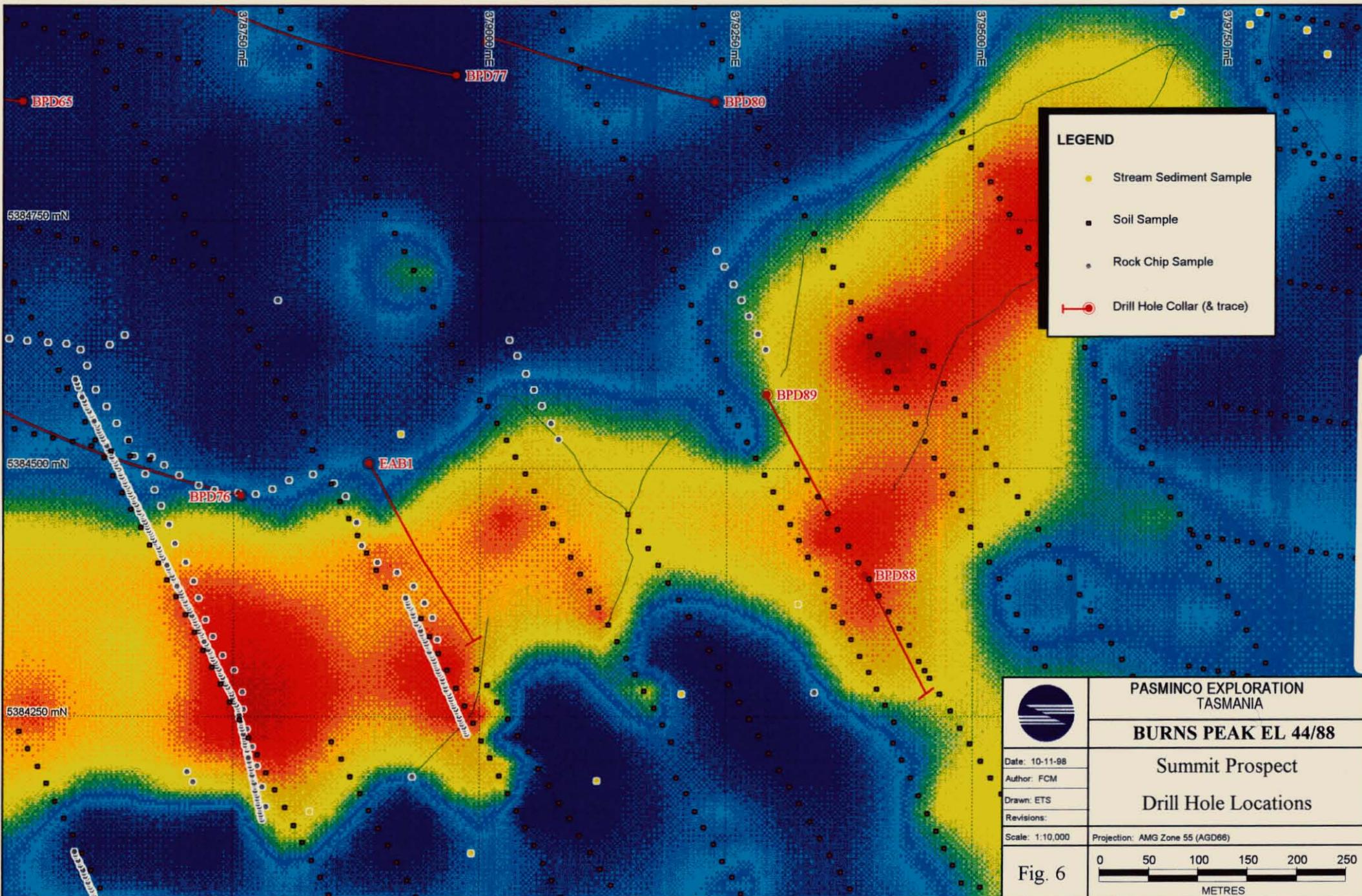


**LEGEND**

- Soil Sample
- Rock Chip Sample
- Drill Hole Collar (& trace)
- QG
- Cd
- CCV
- CCVL/CCVA
- CCVS
- CP

	PASMINCO EXPLORATION TASMANIA
	<b>BURNS PEAK EL 44/88</b>
Date: 10-11-98	Summit Prospect
Author: FCM	25K Geology
Drawn: ETS	
Revisions:	
Scale: 1:10,000	Projection: AMG Zone 55 (AGD86)
Fig. 5	 METRES

205026



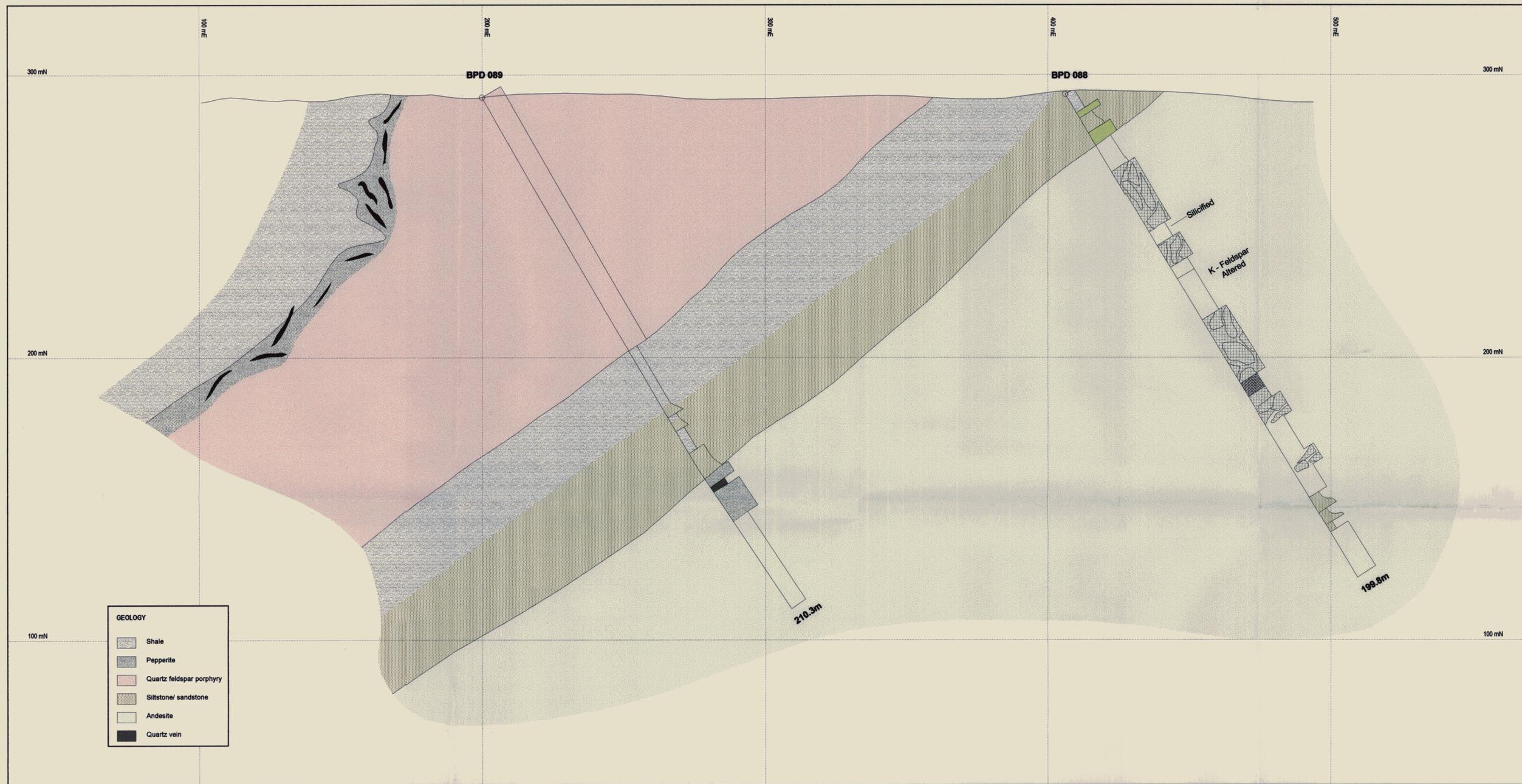
**LEGEND**

- Stream Sediment Sample
- Soil Sample
- Rock Chip Sample
- Drill Hole Collar (& trace)

	PASMINGO EXPLORATION TASMANIA
	<b>BURNS PEAK EL 44/88</b>
Date: 10-11-88	Summit Prospect
Author: FCM	Drill Hole Locations
Drawn: ETS	
Revisions:	
Scale: 1:10,000	Projection: AMG Zone 55 (AGD66)
Fig. 6	

5 cm

205027



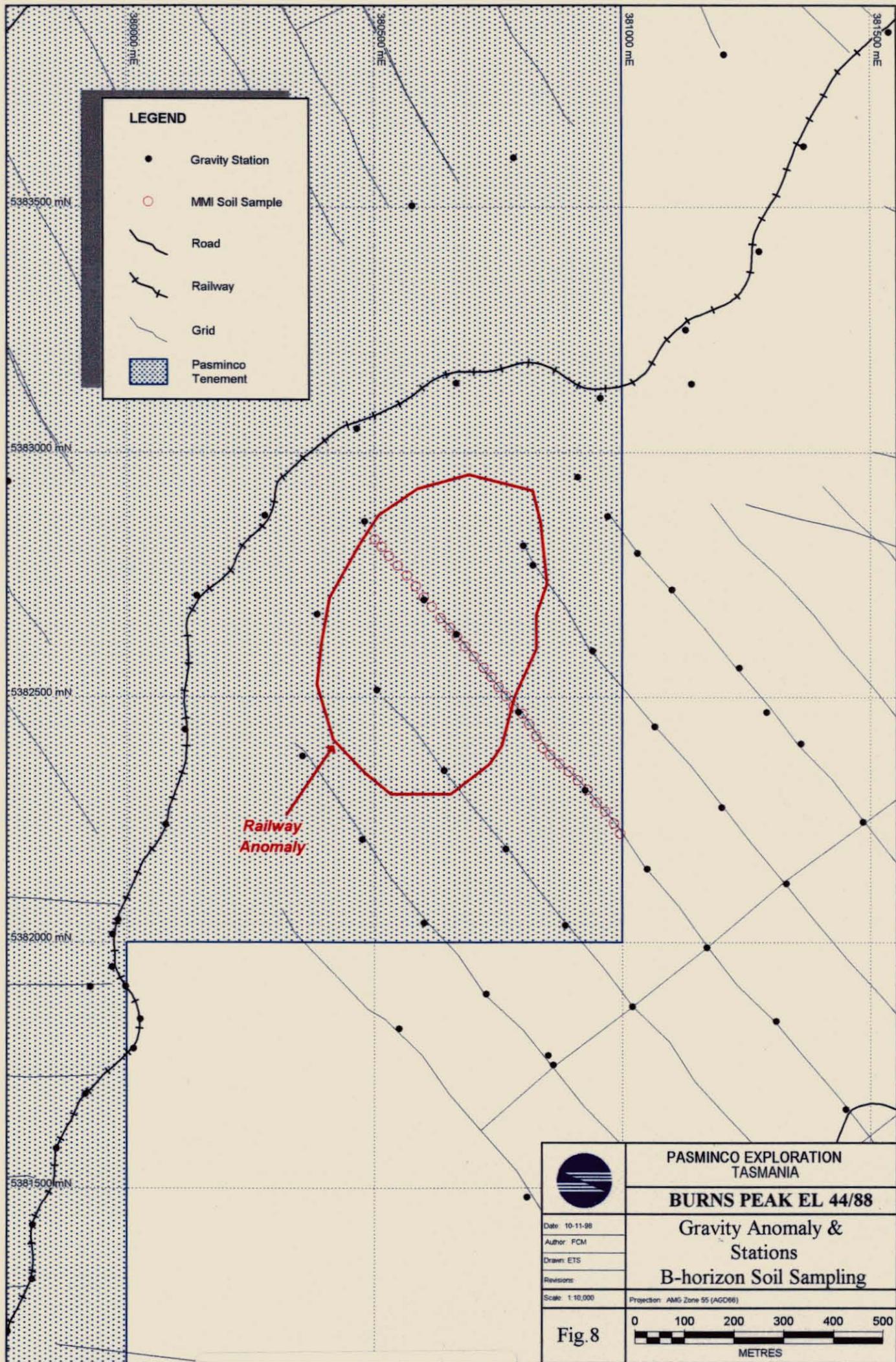
GEOLOGY	
	Shale
	Pepperite
	Quartz feldspar porphyry
	Siltstone/ sandstone
	Andesite
	Quartz vein

98-4246

PART RELINQUISH REPORT  
 BURNS PEAK - EL 44/88  
 PASMINGO-MURPHY/DENWER

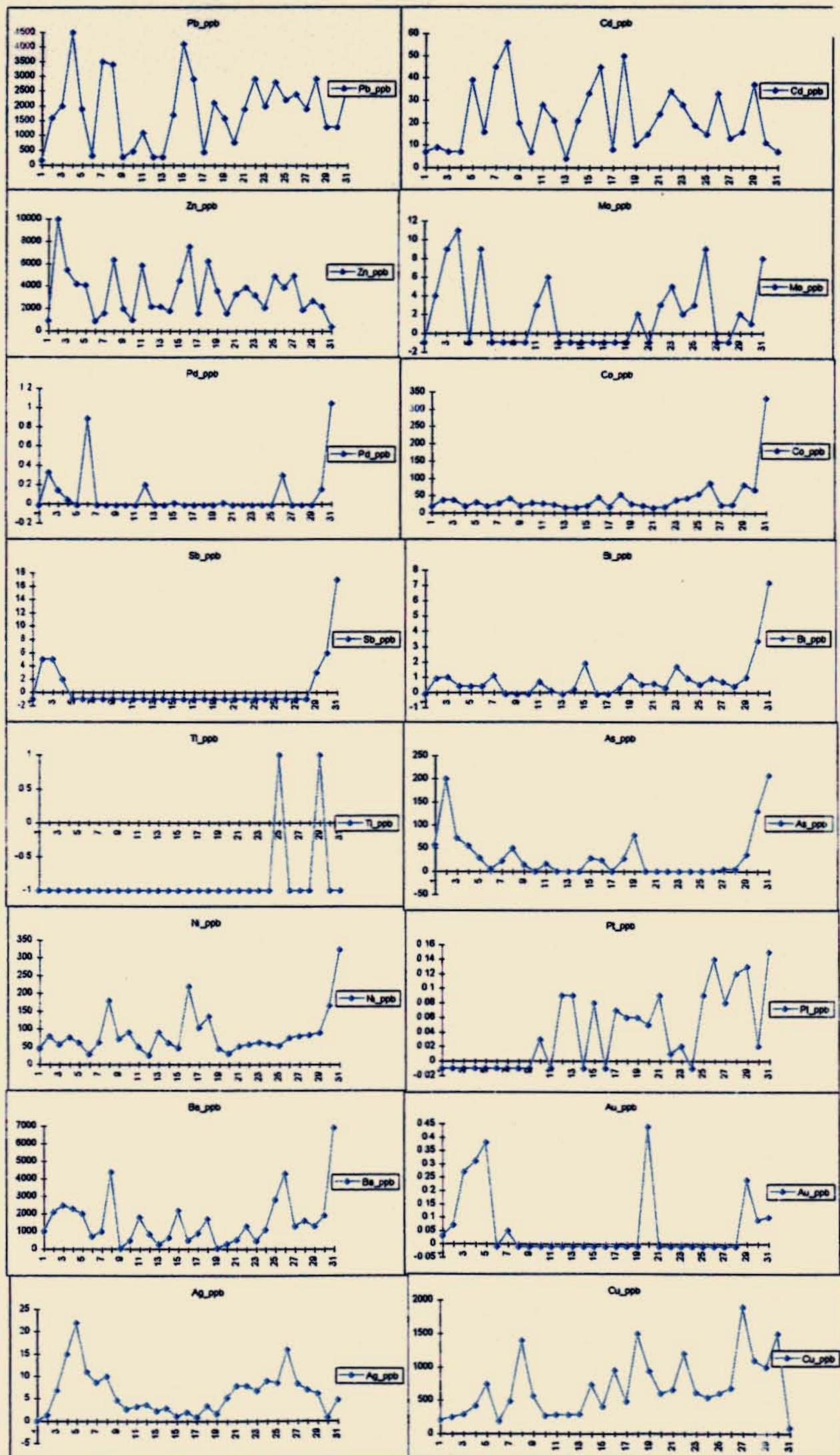
	<b>PASMINCO EXPLORATION TASMANIA</b>
	<b>BURNS PEAK EL 44/88</b>
	<b>Summit Prospect</b>
	<b>Drill Hole Sections</b>
	<b>BPD88 &amp; BPD89</b>
Date: 10-11-98	Author: FCM
Drawn: ETS	Revisions:
Scale: 1:750	Projection: AMG Zone 55 (AGD88)
<b>Fig. 7</b>	

5 cm



5 cm

205029



SAMPLE #  
274601

274631

SAMPLE #  
274601

274631

**Figure 9**  
**Burns Peak EL 44/88**  
**Railway Prospect - Partial Leach Soil Sampling**  
**Multi-Element Spidergrams**

205031

**APPENDIX ONE**

**Summit Prospect - Drill Hole Data and Assay Results**

## Appendix One

Collar Data - BPD 088/089							
Dataset	Hole ID	UTM East	UTM North	UTM Zone	UTM Datum	RL	Depth
BURNS PEAK	BPD088	379390	5384392	55	AGD66	493	199.8
BURNS PEAK	BPD089	379290	5384574	55	AGD66	491.9	210.3
Downhole Survey Data - BPD 088/89							
Dataset	Hole ID	Depth	Dip	UTM AZ			
BURNS PEAK	BPD088	0	-60	152			
BURNS PEAK	BPD088	30	-59	152			
BURNS PEAK	BPD088	60	-59	152			
BURNS PEAK	BPD088	90	-59	152			
BURNS PEAK	BPD088	120	-59	151			
BURNS PEAK	BPD088	150	-58	154			
BURNS PEAK	BPD088	200	-58	153			
BURNS PEAK	BPD089	0	-60	152			
BURNS PEAK	BPD089	30	-60	154			
BURNS PEAK	BPD089	60	-60	157			
BURNS PEAK	BPD089	90	-60	157			
BURNS PEAK	BPD089	120	-60	162			
BURNS PEAK	BPD089	150	-57	155			
BURNS PEAK	BPD089	180	-57	154			
BURNS PEAK	BPD089	210	-57	154			

Appendix One

Data Set	Hole ID	Sample No	From	To	Collar Co-Ords UTM East	Collar Co-Ords UTM North	Au ppm F650	Au(R) ppm F650	Cu ppm A104	Pb ppm A104	Zn ppm A104	Ag ppm A104	SDS
		<b>DRILL HOLE BPD 088</b>											
					379390	5384392							
Burns Peak	BPD088	274501	7.5	8.7			<0.01	<0.01	91	791	90	6	1520
Burns Peak	BPD088	274502	8.7	9.55			<0.01	<0.01	184	266	58	7	1520
Burns Peak	BPD088	274503	9.55	11			<0.01		<4	38	49	<2	1520
Burns Peak	BPD088	274504	11	12			<0.01		<4	658	46	<2	1520
Burns Peak	BPD088	274505	12	13			<0.01		<4	55	53	<2	1520
Burns Peak	BPD088	274506	13	14			<0.01		<4	32	26	<2	1520
Burns Peak	BPD088	274507	14	15			<0.01		9	34	37	<2	1520
Burns Peak	BPD088	274508	15	16.4			<0.01		59	380	416	2	1520
Burns Peak	BPD088	274509	16.4	17			<0.01		82	418	734	2	1520
Burns Peak	BPD088	274510	17	18			<0.01		147	680	476	3	1520
Burns Peak	BPD088	274511	18	19			<0.01		94	545	1492	2	1520
Burns Peak	BPD088	274512	19	20			<0.01		59	718	1877	2	1520
Burns Peak	BPD088	274513	20	21			<0.01		44	83	247	<2	1520
Burns Peak	BPD088	274514	21	23			<0.01		42	196	1013	2	1520
Burns Peak	BPD088	274515	23	25			<0.01		31	100	631	2	1520
Burns Peak	BPD088	274516	54.3	55.7			<0.01		23	53	307	<2	1520
Burns Peak	BPD088	274517	55.7	57			<0.01		26	156	362	2	1520
Burns Peak	BPD088	274518	57	58			<0.01		37	2822	6392	3	1520
Burns Peak	BPD088	274519	58	59			<0.01	<0.01	26	1523	4965	2	1520
Burns Peak	BPD088	274520	Std				0.08	0.07	364	149	618	<2	1520
Burns Peak	BPD088	274521	59	60			<0.01		10	882	2762	<2	1520
Burns Peak	BPD088	274522	60	61			<0.01		13	215	8443	<2	1520
Burns Peak	BPD088	274523	61	62.6			<0.01		8	2868	5338	2	1520
Burns Peak	BPD088	274524	62.6	64			<0.01		8	2024	4240	2	1520
Burns Peak	BPD088	274525	128.3	129			<0.01		39	54	185	2	1520
Burns Peak	BPD088	274526	129	130			<0.01		57	33	169	2	1520
Burns Peak	BPD088	274527	130	131			<0.01		48	34	119	2	1520
Burns Peak	BPD088	274528	131	132			<0.01	<0.01	36	372	1410	3	1520
Burns Peak	BPD088	274529	132	133			<0.01		48	41	126	3	1520
Burns Peak	BPD088	274530	133	134			<0.01		44	23	114	2	1520
Burns Peak	BPD088	274531	134	135			<0.01		72	23	172	2	1520
Burns Peak	BPD088	274532	135	136			<0.01	<0.01	68	182	241	3	1520
Burns Peak	BPD088	274533	136	136.8			<0.01	<0.01	20	21	298	2	1520
							<b>0.01</b>	<b>0.01</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>2</b>	

Summit Prospect  
Drill Hole Assay Results

205033

Appendix One

Data Set	Hole ID	Sample No	From	To	Collar Co-Ords UTM East	Collar Co-Ords UTM North	Au ppm F650	Au(R) ppm F650	Cu ppm A104	Pb ppm A104	Zn ppm A104	Ag ppm A104	SDS
<b>DRILL HOLE BPD 089</b>													
					379290	5384574							
Burns Peak	BPD089	274534	150.00	151.00			0.01	<0.01	9	682	1944	<2	1524
Burns Peak	BPD089	274535	151.00	152.00			0.01	<0.01	7	356	1878	<2	1524
Burns Peak	BPD089	274536	152.00	153.00			<0.01		15	366	4382	<2	1524
Burns Peak	BPD089	274537	153.00	154.00			<0.01		11	914	2609	<2	1524
Burns Peak	BPD089	274538	154.00	155.00			<0.01		28	53	173	<2	1524
Burns Peak	BPD089	274539	155.00	156.00			<0.01		32	15	105	<2	1524
Burns Peak	BPD089	274540	STD				0.09		367	143	626	<2	1524
Burns Peak	BPD089	274541	156.00	157.00			<0.01		29	12	104	<2	1524
Burns Peak	BPD089	274542	157.00	158.20			<0.01	<0.01	37	-5	132	<2	1524
Burns Peak	BPD089	274543	158.20	159.40			0.01	<0.01	28	168	339	<2	1524
Burns Peak	BPD089	274544	159.40	160.60			<0.01		24	12	73	<2	1524
Burns Peak	BPD089	274545	160.60	162.00			<0.01		28	6	100	<2	1524
Burns Peak	BPD089	274546	162.00	163.00			<0.01		24	9	100	<2	1524
							<b>0.01</b>	<b>0.01</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>2</b>	
Data Set	Hole ID	Sample No	From	To	Collar Co-Ords UTM East	Collar Co-Ords UTM North	Au ppm F650	Au(R) ppm F650	Cu ppm A104	Pb ppm A104	Zn ppm A104	Ag ppm A104	SDS
<b>HISTORIC DRILL HOLE EAB 1</b>													
					378887	5384505							
Burns Peak	EAB 1	274736	120	121.3			<0.01	<0.01	7	611	262	<2	2348
Burns Peak	EAB 1	274737	121.3	122			<0.01		49	6000	7987	3	2348
Burns Peak	EAB 1	274738	122	123			0.02	0.03	19	870	2129	<2	2348
Burns Peak	EAB 1	274739	123	124			<0.01	0.01	24	1388	2597	2	2348
Burns Peak	EAB 1	274740	std				0.07	0.07	343	147	602	<2	2348
Burns Peak	EAB 1	274741	124	125			<0.01		49	1950	2688	2	2348
							<b>0.01</b>	<b>0.01</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>2</b>	



Appendix One

Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Company
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15274	Pasminco
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15274	Pasminco
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15274	Pasminco
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15274	Pasminco
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15274	Pasminco
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15274	Pasminco
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15274	Pasminco
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15274	Pasminco
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15274	Pasminco
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15274	Pasminco
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15274	Pasminco
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15274	Pasminco
Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Company
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15069	Pasminco
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15069	Pasminco
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15069	Pasminco
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15069	Pasminco
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15069	Pasminco
Summit	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15069	Pasminco

**APPENDIX TWO**

**Railway Prospect - Rock Chip Sampling**

**Assay Results**

Appendix Two

Data Set	Sample Number	Sample Type	UTM East	UTM North	Au ppm A104	Cu ppm A104	Pb ppm A104	Zn ppm A104	Ag ppm A104	SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Company	Comments
Burns Peak	274732	Rock Chip	381260	5383450	<0.01	7	28	149	<2	2348	Railway	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15069	Pasminco	limonitic, manganeseiferous felsic volcanic
Burns Peak	274733	Rock Chip	380800	5382800	<0.01	7	16	93	<2	2348	Railway	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15069	Pasminco	unaltered andesite
Burns Peak	274734	Rock Chip	381230	5383305	<0.01	7	152	635	<2	2348	Railway	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15069	Pasminco	weakly Fe-Mn stained andesitic volcanic
Burns Peak	274735	Rock Chip	381230	5383305	<0.01	6	57	270	<2	2348	Railway	Burns Peak	44/88	55	AGD66	Analabs (Burnie)	BUO15069	Pasminco	weakly ferruginous volcanic.
					0.01	4	5	4	2										

**APPENDIX THREE**

**Railway Prospect - Partial Leach Sampling**

**Assay Results**

Appendix Three

Data Set	Sample Number	Sample Type	Sample Sub Type	Local East	Local North	Ref System	Ref Method	Ref Accuracy	Au ppb IC8/40	Cu ppb IC8/40	Pb ppb IC8/40	Zn ppb IC8/40	Ag ppb IC8/40	As ppb IC8/40	Cd ppb IC8/40
BURNS PEAK	274601	SOIL	MMI	4200	3600	Local	Taped	100m	0.03	205	164	962	<0.05	58	7
BURNS PEAK	274602	SOIL	MMI	4175	3600	Local	Taped	100m	0.07	250	1600	10000	1.4	200	9
BURNS PEAK	274603	SOIL	MMI	4150	3600	Local	Taped	100m	0.27	289	2000	5500	6.8	72	7
BURNS PEAK	274604	SOIL	MMI	4125	3600	Local	Taped	100m	0.31	417	4500	4200	15	55	7
BURNS PEAK	274605	SOIL	MMI	4100	3600	Local	Taped	100m	0.38	738	1900	4100	22	29	39
BURNS PEAK	274606	SOIL	MMI	4075	3600	Local	Taped	100m	<0.01	185	314	916	11	4	16
BURNS PEAK	274607	SOIL	MMI	4050	3600	Local	Taped	100m	0.05	484	3500	1600	8.6	22	45
BURNS PEAK	274608	SOIL	MMI	4025	3600	Local	Taped	100m	<0.01	1400	3400	6400	10	50	56
BURNS PEAK	274609	SOIL	MMI	4000	3600	Local	Taped	100m	<0.01	559	281	2000	4.7	14	20
BURNS PEAK	274610	SOIL	MMI	3975	3600	Local	Taped	100m	<0.01	267	468	996	2.6	<1	7
BURNS PEAK	274611	SOIL	MMI	3950	3600	Local	Taped	100m	<0.01	280	1100	5900	3.2	17	28
BURNS PEAK	274612	SOIL	MMI	3925	3600	Local	Taped	100m	<0.01	278	290	2200	3.7	<1	21
BURNS PEAK	274613	SOIL	MMI	3900	3600	Local	Taped	100m	<0.01	288	287	2200	2.3	<1	4
BURNS PEAK	274614	SOIL	MMI	3875	3600	Local	Taped	100m	<0.01	735	1700	1800	2.9	<1	21
BURNS PEAK	274615	SOIL	MMI	3850	3600	Local	Taped	100m	<0.01	404	4100	4500	1.1	29	33
BURNS PEAK	274616	SOIL	MMI	3825	3600	Local	Taped	100m	<0.01	946	2900	7600	2	24	45
BURNS PEAK	274617	SOIL	MMI	3800	3600	Local	Taped	100m	<0.01	477	462	1600	0.85	<1	8
BURNS PEAK	274618	SOIL	MMI	3775	3600	Local	Taped	100m	<0.01	1500	2100	6300	3.4	27	50
BURNS PEAK	274619	SOIL	MMI	3750	3600	Local	Taped	100m	<0.01	936	1600	3600	1.6	78	10
BURNS PEAK	274620	SOIL	MMI	3725	3600	Local	Taped	100m	0.44	594	783	1600	5.2	<1	15
BURNS PEAK	274621	SOIL	MMI	3700	3600	Local	Taped	100m	<0.01	658	1900	3300	7.8	<1	24
BURNS PEAK	274622	SOIL	MMI	3675	3600	Local	Taped	100m	<0.01	1200	2900	3900	7.8	<1	34
BURNS PEAK	274623	SOIL	MMI	3650	3600	Local	Taped	100m	<0.01	613	2000	3200	6.7	<1	28
BURNS PEAK	274624	SOIL	MMI	3625	3600	Local	Taped	100m	<0.01	534	2600	2100	9	<1	19
BURNS PEAK	274625	SOIL	MMI	3600	3600	Local	Taped	100m	<0.01	602	2200	4900	8.5	<1	15
BURNS PEAK	274626	SOIL	MMI	3575	3600	Local	Taped	100m	<0.01	679	2400	3900	16	<1	33
BURNS PEAK	274627	SOIL	MMI	3550	3600	Local	Taped	100m	<0.01	1900	1900	5000	8.4	5	13
BURNS PEAK	274628	SOIL	MMI	3525	3600	Local	Taped	100m	<0.01	1100	2900	1900	7	4	16
BURNS PEAK	274629	SOIL	MMI	3500	3600	Local	Taped	100m	0.24	1000	1300	2700	6.1	36	37
BURNS PEAK	274630	SOIL	MMI	3475	3600	Local	Taped	100m	0.09	1500	1300	2200	0.75	130	11
BURNS PEAK	274631	SOIL	MMI	3450	3600	Local	Taped	100m	0.1	83	2600	390	4.6	208	7
									<b>0.01</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0.05</b>	<b>1</b>	<b>1</b>

Appendix Three

Ba ppb ICB/40	Pt ppb ICB/40	Ni ppb ICB/40	Mo ppb ICB/40	Co ppb ICB/40	Bi ppb ICB/40	Tl ppb ICB/40	Sb ppb ICB/40	Pd ppb ICB/40	SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name
1000	<0.01	44	<1	19	<0.1	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
2100	<0.01	80	4	37	0.9	<1	5	0.33	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
2500	<0.01	56	9	38	1	<1	5	0.14	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
2300	<0.01	76	11	20	0.4	<1	2	0.04	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
2000	<0.01	60	<1	31	0.4	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
708	<0.01	28	9	19	0.4	<1	<1	0.89	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
1000	<0.01	62	<1	27	1.1	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
4400	<0.01	180	<1	42	<0.1	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
30	<0.01	72	<1	21	<0.1	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
484	0.03	90	<1	29	<0.1	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
1800	<0.01	50	3	27	0.7	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
839	0.09	26	6	25	0.1	<1	<1	0.2	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
242	0.09	90	<1	17	<0.1	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
632	<0.01	60	<1	17	0.2	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
2200	0.08	46	<1	21	1.9	<1	<1	0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
486	<0.01	220	<1	46	<0.1	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
896	0.07	104	<1	18	<0.1	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
1700	0.06	136	<1	54	0.3	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
34	0.06	45	<1	26	1.1	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
302	0.05	31	2	21	0.5	<1	<1	0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
513	0.09	51	<1	14	0.6	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
1300	0.01	55	3	18	0.3	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
443	0.02	62	5	38	1.7	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
1100	<0.01	57	2	43	0.9	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
2800	0.09	53	3	56	0.5	1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
4300	0.14	74	9	86	0.9	<1	<1	0.3	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
1300	0.08	80	<1	23	0.7	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
1600	0.12	83	<1	25	0.4	<1	<1	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
1300	0.13	89	2	82	1	1	3	<0.01	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
1900	0.02	166	1	67	3.4	<1	6	0.15	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
6900	0.15	323	8	332	7.2	<1	17	1.05	2346	Railway Prospect	Burns Peak	44/88	55	AGD 66	Amdel
<b>1</b>	<b>0.01</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.01</b>							

## Appendix Three

Lab Job Number	Colour	Soil Profile	Slope Angle	Sample Depth	Organic Content %	Date Sampled	Sampled By	Company	Comments
8AD2230	BLACK	B	-2	0.2	10	10/08/98	RC,BC	Pasminco	Barra scrub
8AD2230	BROWN	B	0	0.2	20	10/08/98	RC,BC	Pasminco	1m west of peg was a lot of water; very swampy
8AD2230	BROWN	B	0	0.2	10	10/08/98	RC,BC	Pasminco	Clay; sandy; Horizontal scrub
8AD2230	BROWN	B	0	0.2	5	10/08/98	RC,BC	Pasminco	Wet clay; moss on ground; horizontal scrub
8AD2230	GREY	B	+6	0.2	50	10/08/98	RC,BC	Pasminco	Moss; horizontal scrub
8AD2230	GREY	B	+13	0.2	20	10/08/98	RC,BC	Pasminco	Moss; horizontal scrub
8AD2230	BROWN	B	+10	0.2	25	10/08/98	RC,BC	Pasminco	Mossy scrub; light horizontal
8AD2230	BLACK	B	0	0.2	50	10/08/98	RC,BC	Pasminco	Moss; horizontal scrub
8AD2230	BLACK	B	+4	0.2	30	10/08/98	RC,BC	Pasminco	Moss; horizontal scrub
8AD2230	BLACK	B	<14	0.2	25	10/08/98	RC,BC	Pasminco	Moss; horizontal scrub
8AD2230	BLACK	B	+3	0.2	25	10/08/98	RC,BC	Pasminco	Heavy horizontal scrub
8AD2230	BROWN	B	0	0.2	20	10/08/98	RC,BC	Pasminco	Horizontal scrub; cutty rushes
8AD2230	BLACK	B	<10	0.2	50	10/08/98	RC,BC	Pasminco	2m east of peg; horizontal scrub
8AD2230	GREY	B	<10	0.2	30	10/08/98	RC,BC	Pasminco	Light horizontal scrub
8AD2230	GREY	B	-3	0.2	15	10/08/98	RC,BC	Pasminco	Light horizontal scrub
8AD2230	BLACK	B	<15	0.2	25	10/08/98	RC,BC	Pasminco	Light myrtle and hardwood
8AD2230	BLACK	B	-25	0.2	30	10/08/98	RC,BC	Pasminco	Light horizontal scrub
8AD2230	BROWN	B	-25	0.2	20	10/08/98	RC,BC	Pasminco	Heavy horizontal scrub
8AD2230	BROWN	B	-20	0.2	30	10/08/98	RC,BC	Pasminco	Heavy horizontal scrub
8AD2230	GREY	B	-2	0.2	25	10/08/98	RC,BC	Pasminco	Moss, light horizontal scrub
8AD2230	GREY	B	-3	0.2	15	10/08/98	RC,BC	Pasminco	Moss; horizontal scrub
8AD2230	BROWN	B	-8	0.2	40	10/08/98	RC,BC	Pasminco	Rocky; Moss; horizontal scrub
8AD2230	GREY	B	-22	0.2	15	10/08/98	RC,BC	Pasminco	Outcrops; moss; horizontal scrub
8AD2230	GREY	B	<12	0.2	20	10/08/98	RC,BC	Pasminco	Rocky; moss; myrtle
8AD2230	GREY	B	0	0.2	15	10/08/98	RC,BC	Pasminco	4m west near creek; moss; horizontal
8AD2230	GREY	B	0	0.2	25	10/08/98	RC,BC	Pasminco	Outcrops; moss; horizontal scrub
8AD2230	BROWN	B	<17	0.2	35	10/08/98	RC,BC	Pasminco	Very rocky; myrtle and hardwood
8AD2230	GREY	B	-22	0.2	25	10/08/98	RC,BC	Pasminco	Moss; Myrtle
8AD2230	BROWN	B	-25	0.2	40	10/08/98	RC,BC	Pasminco	Dense myrtle
8AD2230	BROWN	B	-25	0.2	25	10/08/98	RC,BC	Pasminco	Large timber
8AD2230	RED	B	-25	0.2	25	10/08/98	RC,BC	Pasminco	Moss; Myrtle; Large timber

Railway Prospect  
Partial Leach Soil Sampling  
Assay Results

205042