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PASMINCO EXPLORATION

BULGOBAC HILL EL 37/89 and BULGOBAC RIVER EL 19/94

**ANNUAL REPORT
FOR THE PERIOD ENDING OCTOBER 1998**

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Author: O Parfrey

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Submitted To: F C Murphy Regional Exploration Manager, Tasmania

Copies To: Mineral Resources Tasmania - Hobart
Pasminco Exploration, Melbourne
Pasminco Exploration, Rosebery

Submitted By: *Jerrife Williams*

Accepted By: *[Signature]*

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CONTENTS

1. SUMMARY	1
2. INTRODUCTION.....	2
3. LAND TENURE	4
4. GEOLOGY.....	5
4.1 Bulgobac Hill EL 37/89.....	5
4.2 Bulgobac River EL 19/94.....	6
5. PREVIOUS EXPLORATION	7
5.1 Bulgobac Hill EL 37/89.....	7
5.2 Bulgobac River EL 19/94.....	8
6. WORK COMPLETED 1997-98 REPORTING PERIOD	9
6.1 Bulgobac Hill EL 37/89.....	9
6.2 Bulgobac River EL 19/94.....	15
7. CONCLUSIONS & RECOMMENDATIONS	18
8. EXPENDITURE	19
9. KEYWORDS & LOCALITY	21
10. REFERENCES.....	22

LIST OF TABLES

Table 1	Exploration Undertaken by Pasminco within EL 37/89 1990 to1997
Table 2	Exploration Undertaken by Pasminco within EL 19/94 1995 to1997

LIST OF FIGURES

Figure 1	Tenement Location Map	1:500,000
Figure 2	Land Tenure EL 37/89 Bulgobac Hill	1:50,000
Figure 3	Land Tenure EL 19/94 Bulgobac River	1:50,000
Figure 4	Regional Geology	NTS
Figure 5	EL 37/89 Geology	1:50,000
Figure 6	Stratigraphic Column	NTS
Figure 7	EL 19/94 Bulgobac River Geology	1:25,000
Figure 8	Tullabardine Prospect Soil Sampling	1:5,000
Figure 9	Tullabardine Prospect Rock Chip Sampling	1:5,000
Figure 10	Tullabardine Prospect Fact Geology	1:5,000
Figure 11	Mackintosh Dam Grid Soil Sampling	1:1,000
Figure 12	Statistical Analysis C-Horizon Soils - Mackintosh Dam Grid	
Figure 13	High Point Prospect Region of MMI Sampling	1:5,000
Figure 14	Soil, Rock Chip and SSS Sampling - Bulgobac River	1:5,000
Figure 15	Cumulative Frequency Plots - Infill C-Horizon Soil Sampling Bulgobac River Grid	
Figure 16	Bulgobac River Grid - Infill Soil C-Horizon Soil Sampling Zn	1:5,000
Figure 17	Bulgobac River Grid - Infill Soil C-Horizon Soil Sampling Pb	1:5,000
Figure 18	Bulgobac River Grid - Infill Soil C-Horizon Soil Sampling Cu	1:5,000
Figure 19	Regional Geology	1:40 000
Figure 20	Tullabardine Grid IP Survey Location	1:10 000
Figure 21	Observed Induced Polarization - Stacked Pseudosections	1:5000
Figure 22	Observed Apparent Resistivity - Stacked Pseudosections	1:5000
Figure 23	Modelled Induced Polarization - Stacked Pseudosections	1:5000
Figure 24	Modelled Apparent Resistivity - Stacked Pseudosections	1:5000
Figure 25	Fraser Filtered Induced Polarization	1:5000
Figure 26	Fraser Filtered Apparent Resistivity	1:5000
Figure 27	Observed IP Anomalies	1:10 000
Figure 28	Modelled IP Anomalies	1:10 000
Figure 29	Fraser Filter Interpretation	1:10 000
Figure 30	Chargeability Trends	1:10 000

Figure 31 Resistivity Trends

1:10 000



LIST OF APPENDICES

Appendix One	IP Survey - Tullabardine Dam
Appendix Two	Tullabardine Grid - MMI Soil Sampling Analytical Results
Appendix Three	Tullabardine Grid - Rock Chip Sampling Analytical Results
Appendix Four	Mackintosh Dam - IP Review/Reinterpretation, Memorandum & Figures
Appendix Five	Mackintosh Dam - C-Horizon Soil Sampling Analytical Results
Appendix Six	Bulgobac River Grid - C-Horizon Soil Sampling Analytical Results
Appendix Seven	Bulgobac River Grid - Stream Sediment Sampling Analytical Results
Appendix Eight	Bulgobac River Grid - Rock Chip Sampling Analytical Results
Appendix Nine	Digital Copy of Report

1. SUMMARY

During the reporting period work carried out within Bulgobac Hill EL 37/89 was focused on the Tullabardine Prospect area. Work within the prospect consisted of gridding, an IP survey, MMI and infill MMI sampling, 1:2500 scale mapping and associated rock chip sampling. A number of targets were defined from this work which will be further tested in the next twelve months.

Minor C-Horizon soil, stream sediment and rock chip sampling programmes were undertaken within Bulgobac River EL 19/94 during the reporting period.

2. INTRODUCTION

This report details work undertaken within both Bulgobac Hill EL 37/89 and Bulgobac River EL 19/94 between August 1997 and August 1998.

The majority of work undertaken within EL 37/89 during the reporting period was within the Tullabardine Prospect area. A grid was established (15km of grid lines) in the NE of the area, along the Henty Fault. An IP survey and MMI soil sampling program were subsequently conducted across this grid, with a later infill MMI sampling program also carried out (no results to date). Mapping at 1:2500 scale and associated rock chip sampling were also undertaken within the Tullabardine Prospect area.

EL 37/89 covers Cambrian Mt Read Volcanics SW of Hellyer Mine in Western Tasmania (Figure 4). A Hellyer-type volcanogenic Pb-Zn-Cu-Ag-Au massive sulphide deposit is the main target of the exploration programme. The terrain is rugged and vehicular access limited.

Although the old prospectors found no mineralised showings on the EL area, near-continuous exploration over the past 30 years has discovered three zinc occurrences in the volcanics:

- High Point (found by BHP in 1988 during drilling of an EM anomaly. BHP drilled 4 holes 1988-89).
- Sock Creek (detected 1973 by drainage survey by Comstaff, who drilled 14 holes prior to 1978).
- Sock Creek South (found by BHP in 1988 during drilling of an EM anomaly. They put in 4 holes 1988-89).

Pasminco's involvement in the area commenced in 1990 and has concentrated on testing the mineralised Que-Hellyer Volcanics at High Point. A further five diamond drill holes (BHD1, 2,3, 5 & 6), totalling 4374m, have been drilled in this area. A deep hole (BHD4, 617m) was also completed at Sock Creek in 1993. The EL has also been covered with detailed aeromagnetics and photogrammetry, and regional-scale gravity surveys extended over the majority of the EL area (Section 5.1).

The palaeovolcanic history and stratigraphy correlations of the Que-Hellyer Volcanics at High Point was studied in detail by Pasminco supported by Honours student Sam Watkins of Monash University.

Work within the Bulgobac River EL 19/94 consisted of conventional soil, stream sediment and rock chip sampling programmes designed to further investigate anomalies identified as part of the Western Tasmanian Prospectivity Review (Murphy 1997a; Murphy 1997b).

EL 19/94 covers an area of Cambrian rocks belonging to the Mt Read Volcanics. The Que-Hellyer Volcanics which host the Hellyer and Que River mines extend into the EL.

The Hellyer mine lies 5km to the east of the EL boundary (Figure 4). No outcropping mineralisation has been located in the area.

Exploration by Pasminco commenced in 1995 and has been carried out in conjunction with exploration on Bulgobac Hill EL 37/89. Previous work undertaken within Bulgobac River EL 19/94 is detailed in Section 5.2

3. LAND TENURE

The Bulgobac Hill Exploration Licence 37/89, covering 32sq km, was granted to Pasminco Mining Rosebery in March 1990 (Figure 1). In August 1990 the licence was transferred to Pasminco Exploration.

In May 1992 and October 1993, EL 37/89 was increased to 49sq km by the addition of 7sq km in the Lake Mackintosh area (EL 17/92) and 10sq km in the South Mt Charter area (EL 7/93).

On 2nd September 1995, EL 37/89 was reduced to 28sq km (Purvis, 1995b). The reduced EL is comprised of almost entirely unallocated Crown Land (Figure 2).

Bulgobac River EL 19/94, covering 21km², was granted to Pasminco Australia Limited in January 1995 (Figure 1). The licence is renewable annually on the 6th January. The licence is on unallocated Crown Land, designated as multiple use forest (Figure 3).

4. GEOLOGY

4.1 Bulgobac Hill EL 37/89

EL 37/89 covers two main groups of the Cambrian Mt Read Volcanics - the Central Volcanic Complex (CVC), and correlates of the Dundas Group. A small sliver of the Farrell Slates, east of the Henty Fault, occurs in the SE part of the EL (Figure 5).

The Central Volcanic Complex covers the southern part of the EL and comprises rhyodacitic lavas, porphyries and volcanoclastics (mostly pyroclastics with minor epiclastics). These rocks are known as the Mt Block Volcanics.

The Dundas Group and correlates cover the northern half of the EL. They comprise the Que-Hellyer Volcanics (a mafic volcanic complex), sediments (including the Animal Creek Greywacke, Que River Shale and Southwell SubGroup), quartz-feldspar porphyry bodies, and rhyodacitic volcanics (mainly lavas). The relationship between the various units is shown in Figure 6.

The boundary between the Central Volcanic Complex and the Dundas Group within the EL area is gradational, facing and dipping to the west, with the Dundas Group apparently conformably overlying the CVC.

Major structures on the EL include the NE-trending Henty Fault and the N-S trending Mt Charter Fault (Figure 5). However, the magnetics and gravity highlight the presence of several major, apparently deep-seated, unmapped or poorly-mapped structures trending broadly E-W.

Three zinc-dominated and gold/silver-poor sulphide occurrences are known on the EL. These comprise:

- 1) Disseminated sphalerite-pyrite in altered Que-Hellyer Volcanics adjacent to the Mt Charter Fault at High Point.
- 2) Sphalerite with lesser pyrite-galena-chalcopyrite in net-veins on the contact between quartz-feldspar porphyry and black shale at Sock Creek.
- 3) Weak disseminated sphalerite in black shale at Sock Creek South (best intersection of 1m @ 2.5% Zn).

High Point is by far the most significant occurrence, although the tenor of Zn values intersected to date is not as high as at Sock Creek. Mineralisation occurs at High Point at several stratigraphic levels within the Que-Hellyer Volcanics. At the top of the Hangingwall Volcanics (Hellyer Basalt equivalents), there is an extensive stratiform zone of disseminated sphalerite-pyrite up to 200m thick and averaging 0.2-0.5% Zn. The recent hole BHD6 at High Point has shown there is also disseminated sphalerite mineralisation in the underlying altered "footwall

volcanics". The mineralisation in BHD6 indicates the potential for massive sulphide development in the Mixed Sequence in this area (Purvis, 1995).

At Sock Creek the mineralisation attains grades up to 10% Zn over 1.7m, with a general tenor around 2-5% Zn over 5-10m. There is untested potential at this prospect for an open-cuttable body of mineralisation in the order of 100-200,000t @ 5-10% Zn (Purvis, 1994). An ML was taken out by JG Purvis in 1996 to investigate the potential of this resource, however, drilling appears to have been unsuccessful in increasing the resource base. Subsequently, the ML has been withdrawn and the area again comes under the Bulgobac Hill EL.

No other sulphide occurrences of note are known anywhere on the EL.

4.2 Bulgobac River EL 19/94

Two major groups of rocks occur within EL 19/94. One group consists entirely of Tertiary basalt flows which are considered to have low prospectivity to host base metal mineralisation. The second group consists of Cambrian rocks belonging to the Mt Read Volcanics. This group can be divided into distinct packages occurring on either side of the major structure within the EL, the NNW-SSE trending Mt Charter Fault (Figure 7).

Figure 6 shows the rock types occurring within these two packages and their stratigraphic relationship with one another. The Que and Hellyer ore bodies occur within the Mixed Sequence, which is part of the Que Hellyer Volcanics and is found on the eastern side of the Mt Charter Fault. The fault itself is a highly significant structure, characterised by a zone of shearing, fracture, vein and pug development up to 10m wide in places. The difference in thickness and type of Cambrian units either side of the fault may indicate that it was active as a growth fault during Cambrian times.

The dips on either side of the fault are low angle (5-45°) and are mostly towards the north west. Open folds and considerable faulting disrupt the stratigraphy on the eastern side of the fault. The thickness of the Southwell Subgroup and Que River Shale, coupled with the low angle dips on the eastern side of the fault prevent the Que Hellyer Volcanics from outcropping within the EL. They are observed at surface beyond the eastern boundary.

Volcanic units do outcrop on the western side of the Mt Charter Fault. Although these are believed to be time equivalents of the Que-Hellyer volcanics, they are not thought to be geochemical correlates (A Crawford, pers.comm. to Purvis JG, 1995).

No significant alteration or mineralisation has been identified within the EL boundaries (Lorrigan, 1995).

5. PREVIOUS EXPLORATION

5.1 Bulgobac Hill EL 37/89

Work conducted within EL 37/89 prior to Pasminco's involvement (1990) was carried out between 1963 and 1989 (Purvis, 1994; Purvis 1995a; McGunnigle, 1996; Basford & Murphy, 1997). During this period the current tenement area was part of Comstaff's EL 5/63. Exploration activities (EM and stream sediment surveys) undertaken by Comstaff and JV partners Pruessag (post-1977) and BHP (post-1985) resulted in the discovery and subsequent drilling of three zinc-dominated, volcanic-hosted mineralised prospects:

- Sock Creek (14 drillholes)
- Sock Creek South (4 drillholes)
- High Point (4 drillholes)

In addition, BHP drilled 9 shallow diamond drillholes at Tullabardine Gorge without encountering mineralisation.

Pasminco commenced exploration in the area in 1990. Work undertaken by Pasminco within Bulgobac Hill EL 37/89 between 1990 and 1997 is detailed in Table 1 (Purvis, 1994; Purvis 1995a; McGunnigle, 1996; Purvis, 1996; Basford & Murphy, 1997).

Table 1: - Exploration Undertaken By Pasminco within EL 37/89 - 1990 to 1997

Reporting Period	Work Completed
1990-93	- diamond drilling of mineralised zone in Que-Hellyer Volcanics at High Point (3 holes); drilling of deep diamond hole at Sock Creek; detailed aeromagnetic and photogrammetry across whole of EL; extended regional-scale gravity surveys over the majority of the EL area.
1993-94	- drilling of deep hole (BHD5-771.1m) at High Point; DHEM surveys in BHD5 (High Point) & BHD4 (Sock Creek); detailed ground mag survey at High Point; lithogeochem/petrological survey at High Point, based on hole BHD5; re-logging & further sampling of BHP hole (HP4/4A) at High Point.
1994-95	- drilling to basement at High Point (BHD6-1060.9m); DHEM survey of BHD6; completion of analysis of stratigraphy & volcanic facies in western part of Que-Hellyer Basin, using lithogeochem & petrological data from 19 drillholes; supporting of Honours Thesis (Sam Watkins-Monash University) on the palaeovolcanic history & stratigraphic correlations of Que-Hellyer Volcanics at High Point.
1995-96	- completion of Honours Project; ML application (depth limited to 100m) over Sock Creek prospect by J.G. Purvis resulting in drilling of two holes (SC1 & SC2) with minor Pb -Zn intersections.
1996-97	- geological & geochemical data review, minor grid cutting on northern section of licence.

5.2 Bulgobac River EL 19/94

Previous work undertaken by other companies on EL 19/94 has included geological mapping, VFL-EM, IP, CSAMT and gravity surveys conducted by CSR and DHEM, UTEM and magnetic surveys conducted by Aberfoyle. Recent work by a Placer-Aberfoyle Joint Venture included the completion of five diamond drill holes, all of which intersected the Que-Hellyer Volcanics at depth (Richardson, 1994). None of these holes contained mineralisation or significant alteration.

Pasminco began exploration within EL 19/94 in 1995. Table 2 details work undertaken by Pasminco between 1995 and 1997 (Lorrigan, 1995; Dibben, 1996; Murphy, 1997)

Table 2: - Exploration Undertaken By Pasminco within EL 19/94 - 1995 to 1997

Reporting Period	Work Completed
1994-95	-lithogeochemical study (Dr Tony Crawford) to define depth at which the Mixed Sequence occurs in drill holes on eastern side of Mt Charter Fault (>900m)
1995-96	-regional aeromag interpretation to try & locate large alteration zones associated with Rosebery-style mineralisation
1996-97	-refurbishment, mapping, rock chip & soil sampling of Bulgobac River grid; major data compilation as part of Western Tasmania Prospectivity Review; results from both the Bulgobac sampling and data review identified both soil and stream sediment Zn-Pb anomalies within the NW part of the grid (peripheral to and within Tertiary Basalt areas). This area was targeted for further investigation during the current reporting period.

6. WORK COMPLETED 1997-98 REPORTING PERIOD

Work undertaken within Bulgobac Hill EL 37/89 in the 1997-98 reporting period has focused mainly on the Tullabardine Prospect and has included:

- Grid cutting
- IP survey
- MMI soil sampling
- Mapping and rock chip sampling
- Infill MMI soil sampling

Other work within the EL has consisted of minor C-horizon soil sampling and mapping in Mackintosh Dam area and a review of existing IP data north of the Mackintosh Spillway area.

The main work conducted within the Bulgobac River EL 19/94 during the current reporting period has been minor infill C-horizon soil sampling and minor stream sediment and rock chip sampling.

An MMI soil sampling programme was also conducted along the Mt Charter Fault Zone, including the High Point Prospect, which straddles both EL 19/94 and EL 37/89.

6.1 Bulgobac Hill EL 37/89

Griding

A total of 19 line kilometres of track cutting was completed along the Henty Fault, in the NE section of the Tullabardine Prospect area. The cutting comprised an initial 11.6km of grid lines pegged at 25m slope corrected intervals, an additional 3.4 line kilometres of infill grid lines and 4km of access.

IP Survey-Tullabardine

To date very little work has been conducted along the Henty Fault north of the Tullabardine Dam. Due to the Farrell sequence being both moderately conductive compared to the volcanic units, and containing a strong chargeability response, as observed in the Sterling Valley area to the south, an Induced Polarisation (IP) survey was commissioned to cover the area.

Data was collected along eleven lines spaced at 250m, covering a strike length of 2.5km. Of this, 2km covered the interpreted location of the Henty Fault, whilst 0.75km covered the interpreted position of the Mount Charter Fault (see Figure 20).

The IP data indicates the location of the Henty Fault Zone, with the interpreted

Farrell Sequence to the east of the fault having a high chargeability, low resistivity response. This is similar to that observed to the south.

Three anomalous chargeability trends are evident in the IP data, all within the Farrell Sequence. An IP anomaly is also evident coincident with the interpreted position of the Mt Charter Fault.

Five targets have been recommended for further investigation.

The methodology, results and recommendations of the IP survey are discussed in detail in Appendix One.

MMI Soil Sampling-Tullabardine Grid

Four hundred and eighty seven (487) samples were collected during an MMI soil sampling program conducted over the Tullabardine grid. Samples were collected at 25m intervals, with drier samples sieved to -2mm in the field and wet samples dried and sieved prior to submission for analysis. Samples were taken at a nominal 5-20cm depth, directly below the matted root zone. Duplicate samples were taken approximately every 20 samples. These samples along with Pasmenco standards were submitted as one batch to Amdel in Adelaide and analysed for Ag, As, Au, Bi, Cd, Ba, Co, Cu, Mo, Ni, Pb, Pt, Pd, Sb, Tl and Zn by partial leach digest (Method IC8M-Deepleach No. 37). Sample locations are shown in Figure 8 and analytical results are detailed in Appendix Two.

An additional one hundred and thirty seven (137) MMI soil samples were collected across the Tullabardine grid. This infill sampling was undertaken to constrain MMI anomalies highlighted during the initial sampling survey. Samples have been submitted to Amdel in Adelaide for analysis by Deepleach digest No. 37. No results for this sampling have been received to date. Sample locations are shown in Figure 8.

Results and Discussion

A prominent partial leach response occurs on line 5387250N at approximately 390600E. This feature is defined by elevated Pb, As, Ag, Cu, Ni, Cd, Tl, and contains the strongest Zn response (>390ppm) reported over the entire grid. The anomaly is defined over approximately 75m strike length and is associated with sub-cropping black shales and siltstones interpreted to be part of the Farrell Slates. A ferruginous seep zone on the SE bank of a small creek draining into Lake Mackintosh is present at the peak of the partial leach anomaly. Ferruginous seep zones similar to this are indicative of oxidising sulphides elsewhere in the district and suggest this anomaly may be due to sulphides close to surface. The geochemical anomaly corresponds with a change in trend of the IP chargeability zone marking the Henty Fault. This trend also coincides with a NNW trending structure interpreted from IP data and mapping. Additional work is required to determine the source of the ferruginous seep and geochemical anomalism.

A geochemical linear occurs sub-parallel to the NNW trending structure interpreted from the IP data across lines 5387500N to 5387750N. The feature is defined by elevated responses in Zn, Cd, As, Bi, Ag, Mo, Sb, and Pb. The trend also marks a change in trend of the IP chargeability response marking the Henty Fault position. The ferruginous seep zone mentioned above marks the southern limit of this trend. Elevated geochemical responses along this trend may infer the presence of mineralisation associated with this structure. Similar structures in the Sterling Valley host vein style mineralisation at Farrell and Murchison mines. Additional work is warranted.

Elevated responses in Zn and Cd occur along the contact between the CVC and Dundas group equivalent rocks in the south of the grid. Several elevated responses in Zn, Tl and Ag are present over a weak chargeability anomaly at the interpreted position of the Mt Charter Fault. Facies variations across the Mt Charter Fault in the High Point area suggest it may have acted as a growth fault during deposition of CVC and Dundas Group rocks. The presence of widespread low grade Zn mineralisation in the Mixed Sequence and Que River Shale at High Point suggest this structure may have been important in focusing metal bearing fluids during the Cambrian. Given the presence of elevated geochemistry over the Mt Charter Fault near its junction with the Henty Fault additional work is warranted to fully evaluate the potential of this area.

Rock Chip Sampling-Tullabardine

Fifty five (55) rock chip samples were collected during mapping of the Tullabardine Prospect area. Grab samples of outcrop and float were collected, with individual sample sites being marked with flagging and permatag.

Samples were submitted to Amdel for multi-element analysis. Analytical results are detailed in Appendix Three and sample locations are shown in Figure 9

Geological Mapping-Tullabardine

Very little work has been completed in the area covered by the Tullabardine grid. The only work undertaken in this area has consisted of several geological traverses completed during the Government Mt Read Volcanic's 1:25,000 scale geological mapping project, and some minor stream sediment sampling

Grid based geological mapping was completed over the area at 1:5000 scale during the reporting period. Results of this mapping are presented as Figure 10.

The local geology west of the interpreted Henty Fault Position is dominated by a sequence of epiclastic medium to fine grained, often micaceous, quartz \pm feldspar, sandstones, siltstones, greywackes and shales, intercalated with thin horizons of volcanoclastic sediments. These rocks are strongly reminiscent of Dundas Group

rocks west of the Rosebery fault and are correlated with the Western Sequence (Dundas Group equivalent rocks) which outcrop to the N and NW of the grid.

The strong micaceous (predominantly detrital muscovite) component of these rocks and their relatively coarse grainsize implies a source region eroding granite or metamorphic rock units. The closest source of metamorphic rocks is the Tynan region to the east, suggesting that this area may have been exposed and actively eroding during deposition of this sequence.

Lithologies east of the interpreted Henty Fault bear some similarity to those observed in the west, however, they appear to be almost devoid of detrital mica. Dominant lithologies consist of grey shales intercalated with thin units of coarse grained quartz-feldspar crystal lithic sandstone particularly along the eastern shore of Lake Mackintosh. These rocks are interpreted as correlates of the Farrell Slates which outcrop in the Mackintosh Dam area 3km to the SW. Rhyodacitic sill-like bodies intrude both sequences either side of the Henty Fault and are particularly abundant through the central portion of the grid.

The Mt Charter Fault separates the CVC from western sequence in the south of the grid. A weak chargeability anomaly is present along the Mt Charter Fault on line 5385500N at the southern end of the grid. This area also corresponds with the approximate intersection of the interpreted Tullabardine Gorge Transform Structure (Purvis 1995).

The Henty Fault has been interpreted from IP data, however little geological indication of this structure can be observed on the ground primarily due to limited outcrop. The approximate fault position is inferred on the ground from a significant break in topography. The second parallel structure depicted in the 1:25,000 scale mapping which lies to the NW of the Henty Fault does not appear in the IP data and is not mappable on the ground.

IP Review - Lake Mackintosh Grid

Induced Polarization data collected over the Lake Mackintosh grid by Billiton has been re-interpreted (Appendix Four). A total of ten lines of dipole-dipole IP were collected along the eastern side of the Lake Mackintosh grid between the Mackintosh and Tullabardine Dams.

As a result of the interpretation of the Billiton IP data, the position of the Henty Fault has been re-interpreted according to the high chargeability signature attributable to the Farrell Slate Formation. There are two areas of structural disruption designated for follow-up investigation, along with a number of anomalous responses within the Farrell Slates. In addition, the Billiton IP data shows the Henty Fault Zone to be offset along line 2400N. Similar areas of cross-faulting on the Henty Fault Zone have been found to have elevated Au mineralisation (Dutton's in Tullah Flats and Lorrigan's Luck in the Sterling Valley).

C-Horizon Soil Sampling - Mackintosh Dam

Previous exploration by Billiton along the western shore of Lake Mackintosh located anomalous IP responses in a possible fault jog in the Henty Fault which had been recommended for drilling but never followed up (Appendix Four). Surprisingly, northwards of Mackintosh Dam, the continuation of the Henty Fault has never been drilled. Three grid lines were refurbished (Figure 11) in the postulated fault jog position and mapped. There are significant glacial deposits through this area, though probably less extensive than depicted on the published geology (Figure 11). C-horizon soil sampling was undertaken over sub-cropping areas on the refurbished lines. Mapping and rock chip sampling was also undertaken along tracks and lake margins.

Forty four (44) C-horizon (soil/saprolite interface) soil samples were collected across the Mackintosh Dam grid. Samples weighing approximately 500g were collected at 20m intervals along three refurbished grid lines. As no GPS readings have been done, the UTM co-ordinates for all samples have been calculated from the local co-ordinates, with a location accuracy of +/-150m. Sample depths ranged from 10cm (thin cover) to 30-40cm (thick cover), where samples were collected by hand auger. Samples were placed within calico bags, then within plastic bags and submitted to Analabs in Burnie for multi-element analysis. Samples were analysed for Cu, Pb Zn, Ag, As, Fe, Mn and Bi (A101) and Au (F614).

Sample locations are shown in Figure 11 and analytical results are detailed in Appendix Five.

The multi-element assay results for each of the three lines (3400N, 3600N, 3800N) are plotted in Figure 12. These depict normal probability (nscores) plots of elemental populations and the spatial distribution of selected cut-offs in the data sets. The relatively consistent slopes in the distribution curves suggest there is no distinctly anomalous elemental population. There are some spatial trends that can be gleaned from the data, suggesting some strike continuity of slightly elevated signatures, eg. slightly elevated Zn, Mn and Fe in the western parts of sample lines, and an elevated Au response at the western end of Line 3600N. However, taken as a whole and compared to C-horizon soil assays elsewhere in the district (eg: on the Rosebery Mine Lease), the elemental abundances are at about the level of what is expected from a background non-mineralised population. At this stage no follow up work is planned in this immediate area.

Geological Mapping - Lake Mackintosh Spillway

Detailed (1:1,000 scale) geological mapping of the Mackintosh Spillway, in the southern part of the Bulgobac Hill tenement (Figure 11), was undertaken during the period of this report. A number of DGPS points were taken to accurately

locate the map area (Figure 11). Although small in area (250x100m), there is almost complete exposure (itself a rarity in Western Tasmania) of the Farrell Sequence, adjacent to the Henty Fault. This area was mapped by Uren (1994), yet it was evident that more information could be gleaned from these exposures that would aid the exploration program. This area is important in several regards:

- it straddles the Tullah and Bulgobac Hill tenement boundary and thereby provides a template for developing an understanding of the region, linking the Tullbardine Grid to the north and the Farrell area in the south
- it provides a window in understanding the kinematic history of the regionally significant Henty Fault which lies immediately to the west of the outcropping area
- it lies north of an area where massive sulphide “boudins” occur in river bank exposures and therefore holds some exploration interest in establishing their context
- it affords an opportunity to place some geological constraints on the interpretation of IP responses from the Mackintosh IP survey adjoining the Spillway to the south.

Results and Discussion

Mapping in the Mackintosh Spillway area indicates the following relationships and interpretations:

- the Farrell Sequence in the area is a complexly faulted and folded association of three major lithotypes (or facies): greywacke sandstones, siltstones with minor shales, crystal lithic sandstones and tuffaceous siltstones, and often associated feldspar porphyry sills. The sill-like bodies show evidence of intrusion into wet sediment, as well as concomitant extrusion and erosion of the lavas into the sedimentary sequence (producing crystal lithic sandstones). There are complex mixing relationships of the sediments and volcanic flows, particularly in the river outcrops south of the Spillway exposures, where meter scale rafts of shale are incorporated with vesiculated breccia-like flows. This attests to an active Cambrian volcanic environment with tectonic instability proximal to the Henty Fault
- on the Spillway, the Farrell Sequence dips steeply west and is predominantly overturned (younging east). This is consistent with facing evidence in drill core further south (particularly MD3, Purvis 1994). Facing relationships of bedding in the S1 cleavage (ie. the direction of younging along the cleavage plane) indicate the existence of a complexly faulted, overturned anticline through the central part of the Spillway. The axis of the anticline can be mapped in the south of the outcrop but, traced northwards, it merges with and is replaced by a strike parallel fault. This fold axis is one of several associated fold pairs in the outcrop area which mainly plunge steeply northwards but undergo plunge reversals in places. There are complex patterns of upward and downward facing on the S1 cleavage

which, in addition to evidence throughout the sequence of soft sediment deformation features, could indicate slumping on a scale sufficient to produce downward facing relationships

- faulting is evident on all scales of observation, and is dominated by a series of anastomosing NE trending strike sub-parallel brittle and brittle-ductile fault zones. These commonly show a significant component of high angle reverse, generally west-side up displacement, with dextral strike slip elements. This set of faults is intersected by a set of brittle north trending faults which show components of dip slip and dextral displacements
- alteration within the area is spatially related to both the NE trending faults and to the feldspar porphyry units. The faulted core of the anticline in the central part of the area is characterised by relatively intense sericite/pyrite/chlorite alteration peripheral to the porphyry. Many of the faults show pronounced Fe alteration staining, with primary pyrite preserved in places
- the fold and fault interpretation, together with the overturned relationships, indicate the stratigraphic sequence is formed of crystal sandstones, tuffaceous flows and dacitic lavas (in the south) overlain by greywacke sediments to the east. The existence of older volcanic associated rocks to the west of the more typical Farrell Slate Sequence raises the possibility that the volcanic-related facies may correlate with the Murchison Sequence (east of the Farrell Fault); whole rock geochemistry will need to be undertaken to test this hypothesis. If this was a valid correlation, this would increase the potential in this area and add to the significance of the boudined massive sulphides.

MMI Soil Sampling-High Point Prospect and Mt Charter Fault

Following grid refurbishment, two hundred and forty six (246) B-horizon MMI soil samples were collected in the High Point Prospect (EL19/94 and EL 37/89). This soil sampling programme, covering the strike length of the Mt Charter Fault from High Point northwards to beneath the Tertiary Basalt cover, was designed to test the ability of the MMI technique to define deeply buried mineralisation associated with the Mt Charter Fault. No assay results have been received to date. Expenditure, details and results of this sampling programme will be reported in full when in next reporting period. The grid and sample locations are shown in Figure 13.

6.2 Bulgobac River EL 19/94

An infill exploration program was undertaken over areas of geochemical anomalism identified in the previous year's sampling on the Bulgobac River grid. The area of interest centred around a fault intersection between the Mt Charter Fault and a strike parallel fault defined by previous mapping. The area is adjacent

to the sub-Tertiary unconformity which it was considered could account for the geochemical anomalism.

Infill Soil Sampling

Fifty eight (58) C-horizon soil samples were collected across the Bulgobac River grid. Bulk samples weighing 500g were collected by hand auger at 50m intervals, from depths of up to 40cm. Samples were dried and submitted to ALS (Queensland) for analysis. Two analytical techniques were employed to determine which was best for extracting the higher percentage of base metals (Appendix Six). Samples were analysed for Au, Cu, Pb, Zn, Ag, As, Mn, Fe, Mo, Ba and Sb using ALS method IC587, while IC580 was used to analyse for Cu, Pb, Zn, Ag, As, Mn, Fe and Mo.

Sample locations are shown in Figure 14 and analytical results are detailed in Appendix Six.

Results and Discussion

Statistical analysis of the multi-element data shows two distinct populations of elevated results which are spatially related (Figure 15). There is an elevated population of Cu, Zn, Fe, Mn and Ag in the northern part of the grid which is mirrored by a comparatively depleted response from Pb and As. The statistical cut-offs determined in Datadesk have been used to plot the distributions in AMG space for Zn, Pb and Cu in Figures. 16, 17 and 18 respectively. These show that the spatial clustering of the elemental populations is closely allied to the distribution of the Tertiary Basalt outcrop which has higher Zn and Cu than in the underlying Lower Palaeozoic basement with higher values in Pb.

The elemental abundances are at about the level of what is expected from a background non-mineralised population. At this stage, no immediate up work is planned in the area. However, these results will need to be considered in tandem with the interpretation of the Partial Leach survey recently completed along the Mt Charter Fault.

Stream Sediment Sampling

Eight (8) stream sediment samples were collected within the Bulgobac River area. Stream sediment sampling was undertaken to determine any correlation between soil and stream anomalies as highlighted and discussed in Murphy (1997) and, if possible, identify the source of the anomalies (ie: lower Palaeozoic bedrock source beneath Tertiary basalts or hydromorphic flow processes leading to enrichment along the sub-Tertiary unconformity [Murphy, 1997]).

Samples weighing approximately 150g were sieved to -80 mesh, dried and submitted to ALS (Queensland) for analysis. Again, two analytical techniques were employed to determine which was best for extracting the higher percentage of base metals (Appendix Seven). Samples were analysed for Au, Cu, Pb, Zn, Ag,

As, Mn, Fe, Mo, Ba and Sb using ALS method IC587, and method IC588 was used to analyse for Cu, Pb, Zn, Ag, As, Mo and Sb.

Stream sediment sample locations are shown in Figure 14 and analytical results are detailed in Appendix Seven.

Rock Chip Sampling

Minor rock chip sampling was undertaken in the Bulgobac River area, to follow-up identified soil and stream anomalies (Murphy, 1997). Four (4) rock chip samples were collected and submitted to ALS (Queensland) for analysis. Samples were analysed for Au, Cu, Pb, Zn, Ag, As, Mn, Fe, Mo, Ba and Sb. Sample locations are shown in Figure14 and analytical results are detailed in Appendix Eight.

7. CONCLUSIONS & RECOMMENDATIONS

1. The Henty Fault has been mapped successfully by IP on the eight of the nine lines comprising the Tullabardine grid. In addition, the Mt Charter Fault has been interpreted from IP data on line 5385500N and 5385750N.
2. Several high chargeability low resistivity features are present close to the interpreted position of the Henty Fault. Anomalous IP features recommended for follow up occur on lines 5386500N (centred 389800E, 50m depth), 5386750N (390000E, 60m), 5387000N (390430E, 75m), 5387750N (390575E, 75m) and 538800N (390600E, 50m).
3. Partial leach geochemistry has identified several elevated multi-element responses coincident with high IP chargeability features. The most prominent feature occurs on line 5386500N (between 389700E & 390000E). A second area of interest occurs as a geochemical linear on lines 5387250N to 5387750N which coincides with an interpreted NW trending structure in the IP data and a change in orientation of the Henty Fault trend. Additional work (drill testing) is warranted on these targets.
4. The position of the Mt Charter Fault can be interpreted from the IP data. A weak chargeability feature is present on line 5385500N coincident with this structure. Mapping and drilling to the north (High Point area) suggest that the Mt Charter Fault may have been a growth fault during the Cambrian. The structure is largely untested in the area between Mt Charter and the Tullabardine grid and remains as one of the higher priority target areas remaining on the licence.

8. EXPENDITURE

Bulgobac River EL 19/94

Total expenditure for all work undertaken by Pasminco Exploration within Bulgobac River EL 19/94, for the 12 month period ending 30/09/1998 was \$17,966. A detailed expenditure statement is given below.

Personnel	3,804
Travel & Accommodation	31
Consultants & Contractors	1,058
Drilling	0
Stores & Supplies	0
Vehicles Plant & Equipment	0
Land	2,711
Computing	0
Office	8,729
Administration Fee	<u>1,633</u>
Total	<u>17,966</u>

Bulgobac Hill EL 37/89

Total expenditure for all work undertaken by Pasminco Exploration within Bulgobac Hill EL 37/89, for the 12 month period ending 30/09/1998 was \$156,907. A detailed expenditure statement is given below.

Personnel	48,508
Travel & Accommodation	3,844
Consultants & Contractors	57,015
Drilling	698
Stores & Supplies	2,451
Vehicles Plant & Equipment	719
Land	2,915
Computing	0
Office	26,493
Administration Fee	<u>14,264</u>
Total	<u>156,907</u>

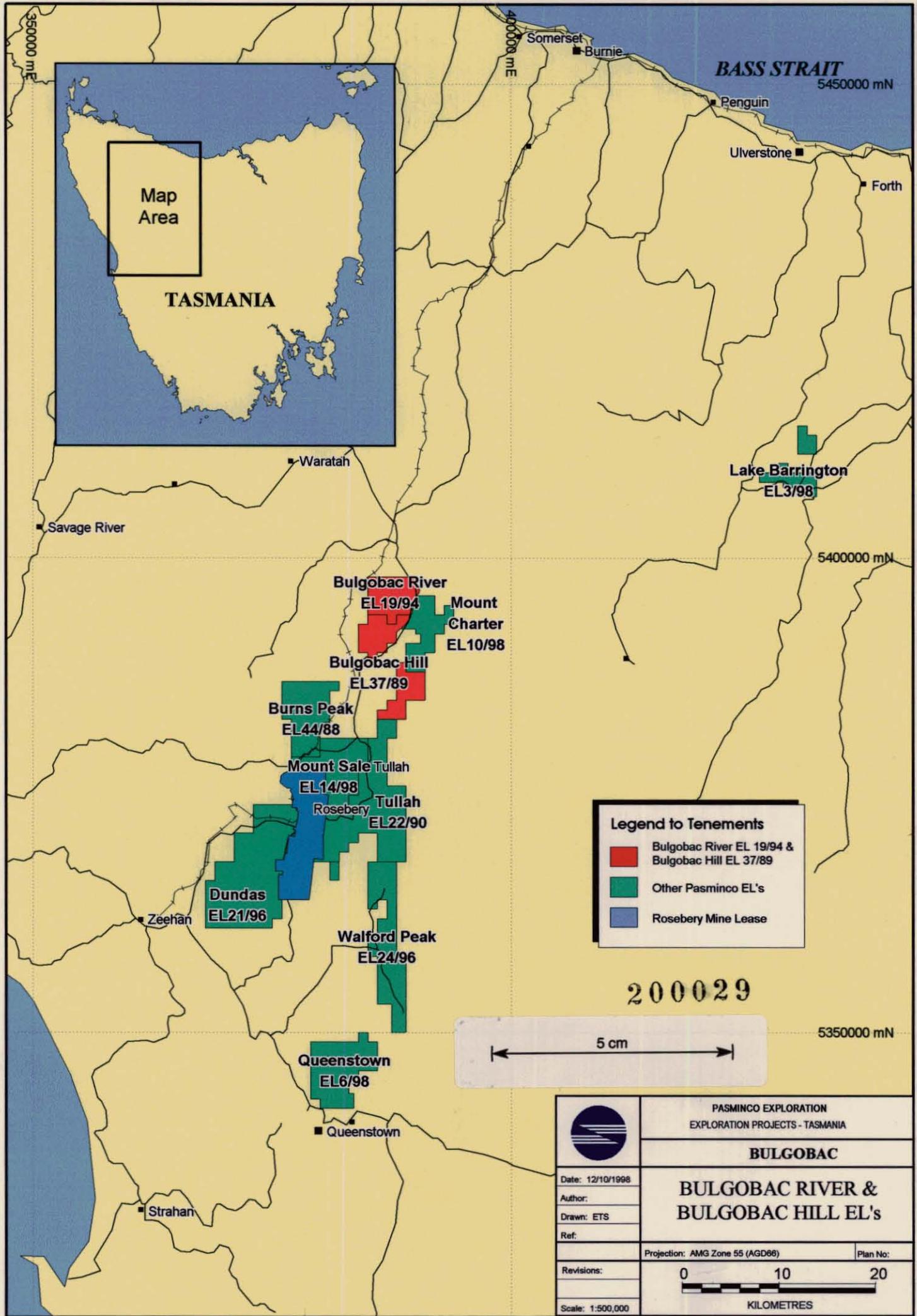
9. **KEYWORDS & LOCALITY**

BULGOBAC HILL, BULGOBAC RIVER, QUE RIVER, HELLYER,
TULLABARDINE, MACKINTOSH DAM, GEOCHEMISTRY, MAPPING, MMI, IP,
ZINC, MAFIC, VOLCANICS,

BURNIE SK55-3

10. REFERENCES

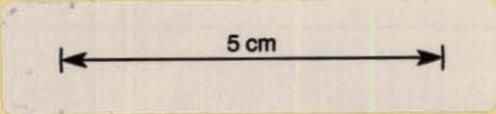
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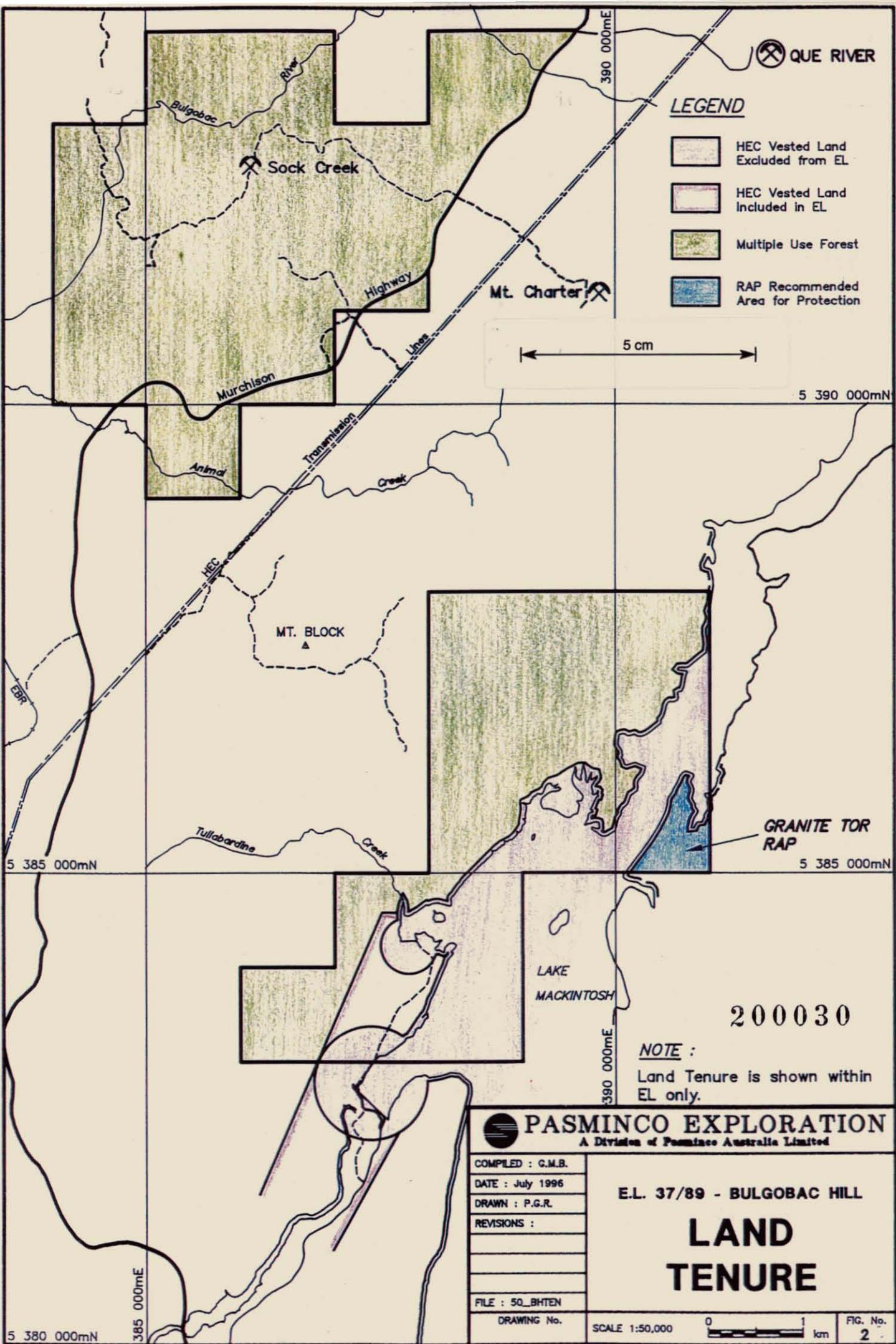
Legend to Tenements

- Bulgobac River EL 19/94 & Bulgobac Hill EL 37/89
- Other Pasminco EL's
- Rosebery Mine Lease

200029



	PASMINGO EXPLORATION EXPLORATION PROJECTS - TASMANIA	
	BULGOBAC	
BULGOBAC RIVER & BULGOBAC HILL EL's		
Date: 12/10/1998		
Author:		
Drawn: ETS		
Ref:		
Revisions:	Projection: AMG Zone 55 (AGD88)	Plan No:
Scale: 1:500,000		



QUE RIVER

LEGEND

- HEC Vested Land Excluded from EL
- HEC Vested Land Included in EL
- Multiple Use Forest
- RAP Recommended Area for Protection

5 cm

5 390 000mN

5 385 000mN

5 385 000mN

200030

NOTE :
Land Tenure is shown within EL only.

PASMINCO EXPLORATION
A Division of Pasma Australia Limited

COMPILED : C.M.B.
DATE : July 1996
DRAWN : P.G.R.
REVISIONS :
FILE : 50_BHTEN

E.L. 37/89 - BULGOBAC HILL

LAND TENURE

DRAWING No. SCALE 1:50,000 FIG. No. **2**

5 380 000mN

385 000mE

390 000mE

5 400 000mN

385 000mE

390 000mE

Hatfield River

EL 19/94 BOUNDARY

5 395 000mN

5 395 000mN

QUE RIVER

EL 37/89 BOUNDARY

Sock Creek

Highway

Transmission Lines

Mt. Charter

5 cm

5 390 000mN

5 390 000mN

Murchison

MCC

Animal Creek

LAKE MACKINTOSH

200031

390 000mE

Emu Bay Railway

385 000mE

MT. BLOCK

PASMINCO EXPLORATION
A Division of Pasminco Australia Limited

COMPILED : G.M.B.

DATE : Nov., 1995

DRAWN : G.M.B.

REVISIONS :

FILE : 50_BR TEN

DRAWING No. 318-CN-003

E.L. 19/94 - BULGOBAC RIVER

LAND TENURE

SCALE 1:50,000

0 1 km

FIG. 3

KEY



Crown Land - Multiple Use Forest

QUATERNARY	Q	Glacial deposits, alluvium, etc.
TERTIARY	Tb	Basalt
	Ts	Sediments - gravel, sand, clays
JURASSIC	J	Dolerite
PERMIAN - CARBONIFEROUS	P	Undifferentiated
DEVONIAN	Ds	Dolerite
	Dg	Granite
DEVONIAN - SILURIAN	DS	Beil Shale
	SA	Florence Sandstone
	S	Silurian
ORDOVICIAN	Or	GORDON GROUP limestone
EARLY ORDOVICIAN - LATE CAMBRIAN	U	Upper sandstone sequence including Pioneer Beds (COu)
	Uc	Undifferentiated conglomerate and sandstone (COc)
	N	Newton Creek Sandstone (COs) - interbedded sandstone siltstone and conglomerate with marine fossils

**MT. READ VOLCANICS
NORTH AND WEST OF HENTY FAULT
DUNDAS GROUP AND CORRELATES**

Ca	Quartz-feldspar porphyry, mostly intrusive
Cs	Mostly sedimentary rocks - greywacke, siltstone, conglomerate
Csb	Interbedded tuffs and sedimentary rocks
Cst	Quartzwacke-slate-siltstone units, e.g. SMI Quartzite
Csu	Mostly felsic volcanics - mainly tuffs
Csv	Mixed felsic and mafic volcanics and epiclastic breccias, Que-Hellyer area
Csw	Basaltic to andesitic volcanics

CENTRAL VOLCANIC COMPLEX

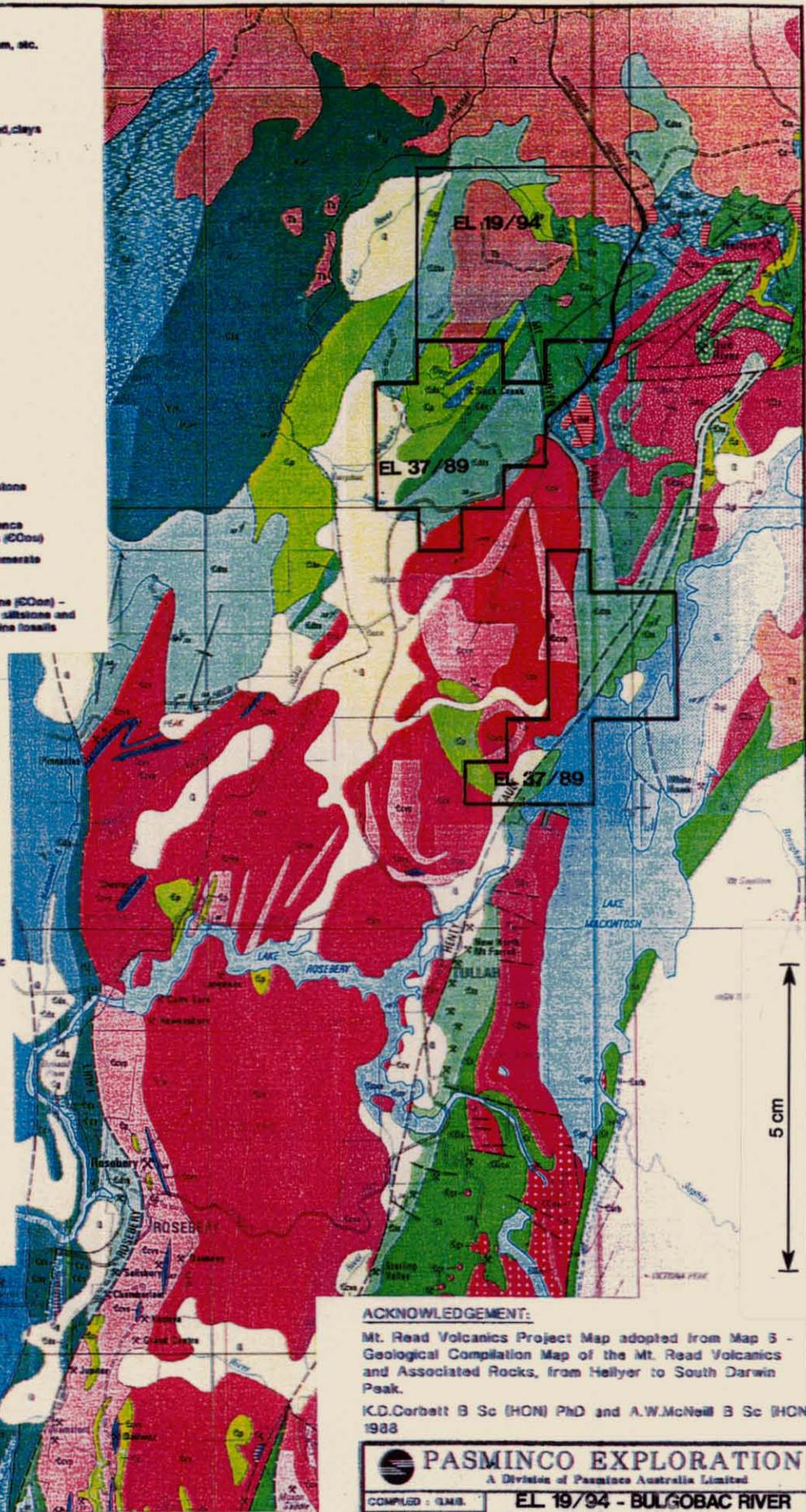
Cv	Mainly feldspar-phyric volcanics - dacite, rhyolite, minor andesite (Ccv)
Cvp	Felsic porphyry, mainly intrusive
Cvt	Mainly pyroclastic rocks
Cvs	Sedimentary rocks, mainly shale and sandstone
Cvw	Andesitic volcanics

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

Ta	Mainly sed. rocks, incl Farrell Slates
Tb	Mainly quartz-feldspar-phyric volcanic and volcanoclastic rocks (CT)
Tc	Mainly volcanoclastic congl. and sandstone
Td	Sticht Range Beds - sandstone, siltstone, siliciclastic conglomerate

CAMBRIAN INTRUSIVE ROCKS

Ca	Granite
Cp	Felsic porphyry
Cg	Gabbro
Cu	Ultramafic rocks & serpentinite



PRECAMBRIAN 200032

Q	Quartzite-slate sequences - correlates of Oonah Formation
P	Metamorphosed sequences of Tyennan Region. Major lithological boundary trends shown

ACKNOWLEDGEMENT:

Mt. Read Volcanics Project Map adopted from Map 5 - Geological Compilation Map of the Mt. Read Volcanics and Associated Rocks, from Hellyer to South Darwin Peak.
K.D. Corbett B Sc (HON) PhD and A.W. McNeill B Sc (HON) 1988

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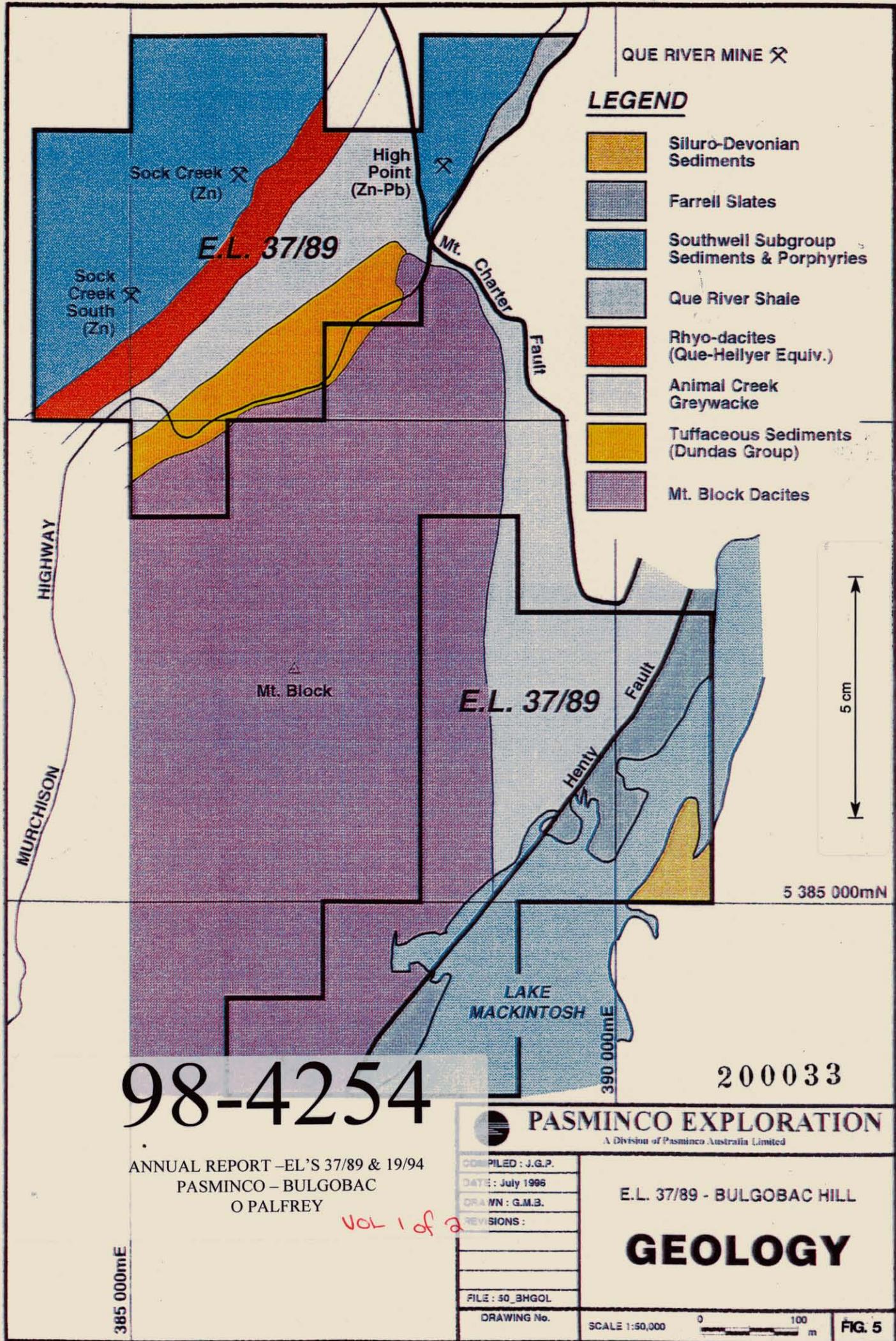
COMPILED: G.M.B.
DATE: _____
DRAWN: _____
REFERENCE: _____
REVISIONS: _____
DRAWING No. _____

EL 19/94 - BULGOBAC RIVER
E.L. 37/89 - BULGOBAC HILL

REGIONAL GEOLOGY
FROM MAP 6 OF THE
MT. READ VOLCANICS PROJECT

SCALE 0 1 2 3 4 5 6 7 8 9 10 100m

FIG. 4



QUE RIVER MINE ⚡

LEGEND

- Siluro-Devonian Sediments
- Farrell Slates
- Southwell Subgroup Sediments & Porphyries
- Que River Shale
- Rhyo-dacites (Que-Hellyer Equiv.)
- Animal Creek Greywacke
- Tuffaceous Sediments (Dundas Group)
- Mt. Block Dacites

5 cm

5 385 000mN

390 000mE

98-4254

200033

ANNUAL REPORT - EL'S 37/89 & 19/94
 PASMINGO - BULGOBAC
 O PALFREY

Vol 1 of 2

PASMINGO EXPLORATION <small>A Division of Pasma Australia Limited</small>	
COMPILED : J.G.P. DATE : July 1996 DRAWN : G.M.B. REVISIONS : FILE : 50_BHGOL DRAWING No.	E.L. 37/89 - BULGOBAC HILL <h1 style="margin: 0;">GEOLOGY</h1>
SCALE 1:50,000 	FIG. 5

385 000mE

**WEST OF MT. CHARTER FAULT
(MT. BLOCK - SOCK CREEK AREA)**

MT
CHARTER
FAULT

**EAST OF MT. CHARTER FAULT
(HIGH POINT AREA)**

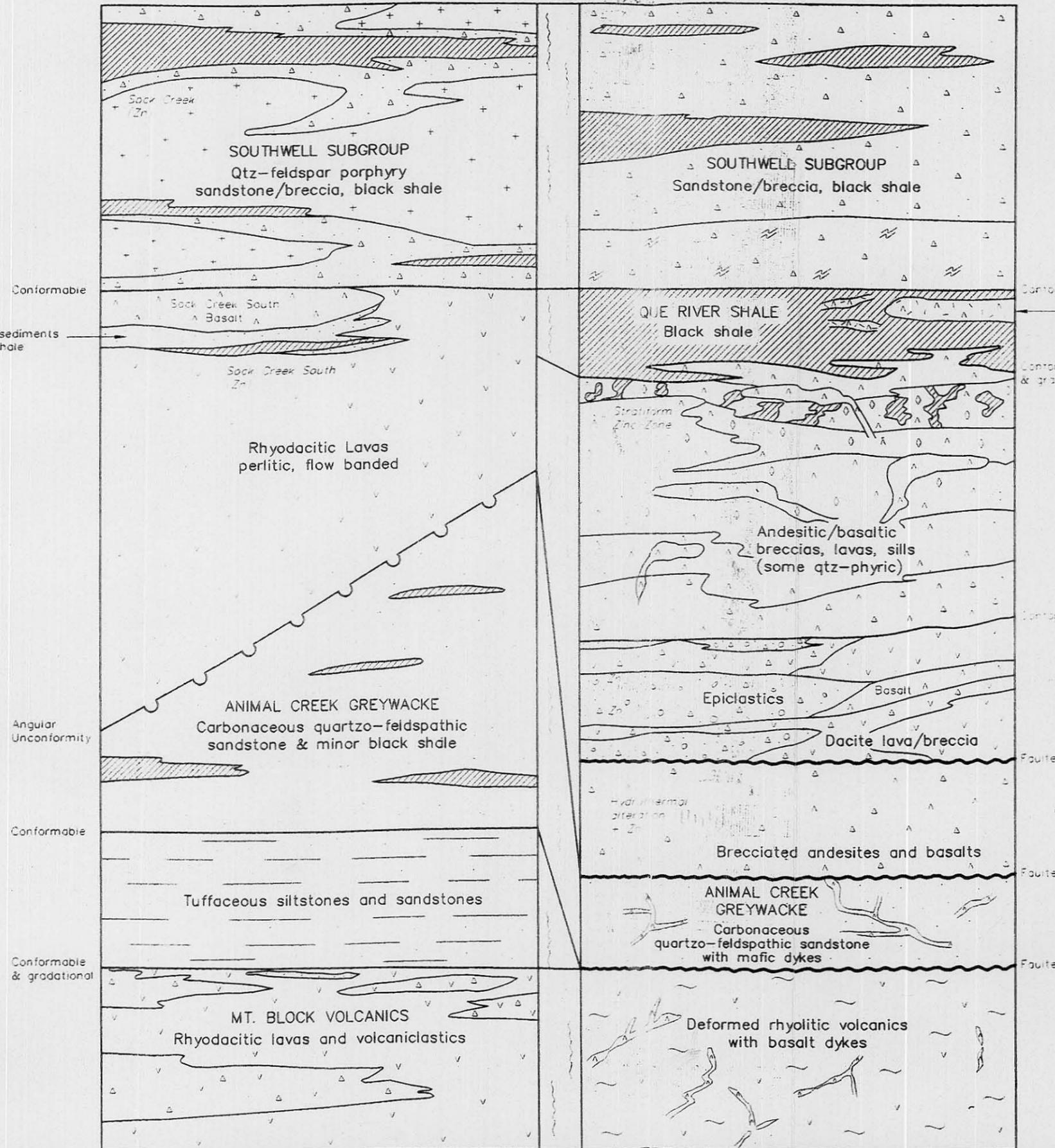
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ANNUAL REPORT - EL'S 37/89 & 19/94
PASMINGO - BULGOBAC
O PALFREY

Vol 1 of 2

**DUNDAS
GROUP**

**CENTRAL
VOLCANIC
COMPLEX**



Conformable
Tuffaceous sediments
and black shale

Conformable

Angular
Unconformity

Conformable

Conformable
& gradational

Conformable

Conformable
& gradational

Conformable

Faulted

Faulted

Faulted

Mt. Charter Dolerite
Sill and Dykes

HANGINGWALL VOLCANICS

**QUE -
HELLYER
VOLCANICS**

MIXED SEQUENCE

"FOOTWALL VOLCANICS"

200034

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DATE August 1995	
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REVISIONS	
FILE BR_STCOL	
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FIG. 6



98-4254

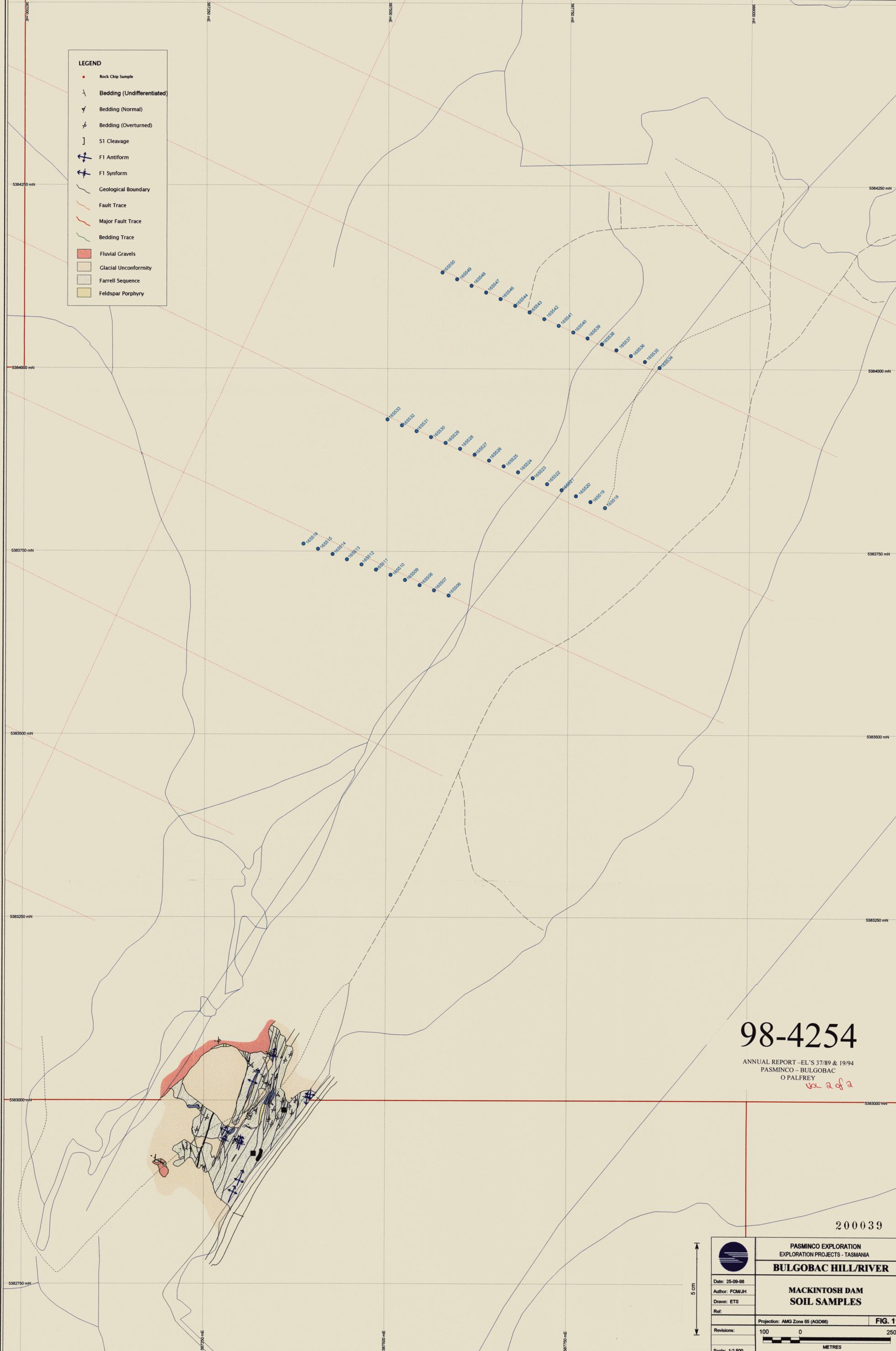
ANNUAL REPORT - EL'S 37/89 & 19/94
 PASMINGO - BULGOBAC
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5 cm

200037

	PASMINGO EXPLORATION EXPLORATION PROJECTS - TASMANIA	
	BULGOBAC HILL EL 37/89	
Date: 13-10-98	TULLABARDINE PROSPECT	
Author: JHOCF	ROCK CHIP SAMPLING	
Drawn: ETS	Projection: AMG Zone 55 (AGD66)	
Ref:	Plan No: 9	
Revisions:	Scale: 1:5,000	
		

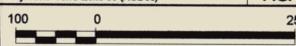
- LEGEND**
- Rock Chip Sample
 - λ Bedding (Undifferentiated)
 - ∇ Bedding (Normal)
 - ∩ Bedding (Overturned)
 -] S1 Cleavage
 - ↻ F1 Antiform
 - ↻ F1 Synform
 - Geological Boundary
 - Fault Trace
 - Major Fault Trace
 - Bedding Trace
 - Fluvial Gravels
 - Glacial Unconformity
 - Farrell Sequence
 - Feldspar Porphyry



98-4254

ANNUAL REPORT – EL'S 37/89 & 19/94
 PASMINGO – BULGOBAC
 O PALFREY
va 2 of 2

200039

	PASMINGO EXPLORATION EXPLORATION PROJECTS - TASMANIA	
	BULGOBAC HILL/RIVER	
Date: 25-09-98 Author: FCM/JH Drawn: ETS Ref:	MACKINTOSH DAM SOIL SAMPLES	
Revisions:	Projection: AMG Zone 55 (AGD68)	FIG. 11
Scale: 1:2,500		

APPENDIX ONE

IP Survey - Tullabardine Dam

PW Basford

CONTENTS

1. SUMMARY	1
2. INTRODUCTION.....	2
3. PREVIOUS WORK	3
4. DATA COLLECTION.....	4
5. RESULTS.....	5
6. CONCLUSIONS & RECOMMENDATIONS	7
7. KEYWORDS & LOCALITY	8
8. REFERENCES.....	9

1. SUMMARY

IP data indicates the location of the Henty Fault Zone, with the interpreted Farrell Sequence to the east of the fault having a high chargeability, low resistivity response. This is similar to that observed to the south.

Three anomalous chargeability trends are evident in the IP data, all within the Farrell Sequence. An IP anomaly is also evident coincident with the interpreted position of the Mt Charter Fault.

Five targets have been recommended for further investigation.

2. INTRODUCTION

The area of geology along on the west side of Lake Mackintosh, north of Tullabardine Dam, has been mapped by government geologists (Figure 1). Interpretation of the geology indicates the position of the Henty Fault Zone (HFZ). To the east of the HFZ is the Farrell Sequence, a unit of silts and slates which hosts Zn-Pb mineralisation at Farrell, North Farrell, Murchison and Sterling Valley. To date no comprehensive study of the survey area has been undertaken. Due to the Farrell sequence being moderately conductive compared to the volcanic units, and containing a strong chargeability response, as observed in the Sterling Valley area to the south, an Induced Polarization (IP) survey was commissioned to cover the area.

Grid lines were cut from 88000N down to 86500N, spaced 250m apart. A total of eleven lines were to be surveyed with IP, nine of which should cross the Henty Fault (HF). The southern two lines and line 86050N cover the interpreted location of the Mt Charter Fault (MCF). These lines were surveyed to determine if there is any recognisable signature associated with the MCF, thus allowing the larger area to be covered in a reconnaissance survey at a later date.

Geotrex were contracted to collect the IP data, using the ELREC-6 receiver and Huntex Lopo (Low Powered) transmitter. All data were collected using the dipole-dipole array, with dipole 'a' spacing of 50m, and collecting data to pseudo-depth $n=4$ (correlates to the largest receiver-transmitter separation of 4 times the 'a' spacing).

3. PREVIOUS WORK

Very little work has been conducted along the HF north of Tullabardine Dam. It appears that the western area of the grid was covered by Comstaff's EL 5/63 Area 3. A grid labelled the DAC grid appears to partially cover the south western corner of the current survey, however, results from this are uncertain. The area may have been partially covered by a 1971 stream sediment survey (Shaw and Everett, 1985).

Pan Continental gridded the area to the west and south, conducting both soil geochemistry and a UTEM survey, as part of exploration on Lake Mackintosh EL 42/85 (Airas, 1988). The licence did not cover the HFZ, and appears to have covered in part the MCF.

Apart from the odd gravity reading and stream sediment sample, no other work apparently covers the area.

4. DATA COLLECTION

Data collected over the Tullabardine grid is to be used for both mapping and direct target generation. Targets are expected to be within both the Farrell Sequence and the volcanic units. The mapping component of the survey aims to test or verify the following:

- 1 - Map the location of the HFZ
- 2 - Determine if the Farrell Sequence is on the east side of the fault and if it has similar characteristics to the sequence to the south
- 3 - Determine if the different volcanic units west of the HFZ are mapping using resistivity and chargeability.
- 4 - Test for evidence of the interpreted parallel fault structure to the west of the HFZ.
- 5 - Test to see if there is any recognisable IP signature (resistivity or chargeability) that determines the position of the MCF.

Data was collected along lines spaced 250m, covering a strike length of 2.5km. Of this, 2km covers the interpreted location of the HF, whilst 0.75km covers the interpreted position of the MCF (see Figure 2). Lines 86050N, 86250N and 86500N will be used to test for the parallel fault structure west of the HFZ.

All data was collected using a 50m dipole-dipole array, with data collected to $n=4$. The receiver used for the survey was the ELREC-6, with a Lopo Transmitter. A total of ten time slices of the voltage decay were recorded to calculate the chargeability values.

5. RESULTS

The observed induced polarization and apparent resistivity (Figure 3 and 4 respectively) indicate the presence of conductive/chargeable rocks on the eastern side of the grid. The contact between the elevated readings and background readings to the west is interpreted to be the HF. Of the nine lines designed to cross the HFZ, only eight indicated a signature. Line 86050N was not able to be completed in the middle due to the rising water levels of Mackintosh Dam.

Several 'anomalies' within the interpreted Farrell sequence have been highlighted (Figure 9). These are either located on the edge of the HFZ, or are located further to the east within the Farrell sequence. A number of chargeability anomalies appear to be 'classic' pant-leg features. Often two increased zones of chargeability have been recognised with the pant-leg anomalies interfering producing a net increase in chargeability response of one of the limbs. Most of the chargeability features have a coincident low resistivity anomaly associated.

Another feature of interest is the chargeability high on line 86500N, proximal to the interpreted position of the MCF (Figure 9).

Data has been inverted using RS2DIP, a smooth inversion program developed by Zonge. Topography has not been included in the inversion process due to the inability to accurately digitise topographic variation. With further control, the data can be inverted with respect to topography, and this is recommended to be conducted at a later date.

The smooth inversion process fits both chargeability and apparent conductivity. Errors in fits are usually less than 5% before they are accepted. No prior information has been input into the inversion process. All inversions calculate the fitted models to a depth of 116m.

Inverted results of Induced Polarization and Apparent Resistivity are located on figures 5 and 6 respectively. As can be seen there are several coincident high chargeability and low resistivity features parallel to the HF (Figure 10). All significant number of the anomalies are sub-cropping, however, there are some interesting 'deep' sources indicated as well.

The inverted induced polarization data infers a moderate chargeability anomaly on line 86500N at the interpreted position of the MCF. This feature warrants further investigation.

Data has also been Fraser Filtered using an all window average to $n=3$. Induced Polarization and Apparent Resistivity plan sections are shown on figures 7 and 8. Both data sets indicate a highly chargeability, moderately conductive unit to the east of the

grid and a poorly chargeable resistive unit to on the west side of the grid. An approximate position of the HFZ can be inferred from the two data sets (figure 11). The difference in location between chargeability and resistivity interpretation is due to the position at which the response is determined.

Also of interest from the Fraser Filtered data is the low chargeability, high resistivity feature between 9850 and 10200 east, 86500 and 86000 north. This could imply that a wedge of material overlies the Farrell sequence in this area, or that the Farrell Sequence is thin skinned in this zone (anticlinal fold?). A number of apparent NW-SE trending linear features are evident in the Fraser Filtered data (figure 11). There is also some minor evidence of a resistivity and chargeable feature marking the location of the MCF.

Several coincident chargeability and resistivity trends have been interpreted from the observed and modelled data (figures 12 and 13). The main trend in both chargeability and resistivity is interpreted to define the location of the Henty Fault. Parallel trends are likely to indicate zones of shearing and/or increased mineralisation.

6. CONCLUSIONS & RECOMMENDATIONS

The location of the HFZ has been successfully mapped along eight of the nine lines designed to cross the structure. It is apparent that the Farrell Sequence continues to the north from the Farrell/Tullah area and the units have similar geophysical characteristics (high chargeability, low resistivity).

The only other mappable feature inferred from the IP data is the location of the MCF. A moderate chargeability anomaly was detected on line 86500N which should be followed up, with ground truthing, geochemistry and geophysics. The southern strike of the MCF only continues for a further 500m before the lake cuts the 'outcrop' off. Further IP surveying north and south of this line at 100m line intervals would be recommended.

The IP data does not provide any evidence for the interpreted structure west of and parallel to the HFZ. Fraser Filtered data does however infer the presence of NW-SE trending structures.

Several individual high chargeability and low resistivity features are recommended for follow up work. These are on lines 86500N (9800E, 50m depth), 86750N (10000E, 60m), 87000N (10430E, 75m), 87750N (10575E, 75m) and 88000N (10600E, 50m). Any coincident or proximal geochemical results would increase the potential of these features.

7. KEYWORDS & LOCALITY**Keywords**

GEOPHYS IP, Zn, Pb, GEOCHEMISTRY

Locality

1:100 000 SHEET SOPHIA

TENEMENTS: BULGOBAC HILL 37/89

DISTRICT: WEST COAST, TASMANIA

MT READ VOLCANICS.

8. REFERENCES

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Tullabardine Grid - MMI Soil Sampling

Analytical Results

Appendix Two

DataSet	Sample Number	Sample Type	Sample Sub Type	UTM Local East	UTM Local North	Ref System	Ref Method	Ref Accuracy	Local Grid Name	Ag ppb IC8/37	As ppb IC8/37	Au ppb IC8/37	Br ppb IC8/37	Cd ppb IC8/37	Ba ppb IC8/37	Co ppb IC8/37	Cu ppb IC8/37	Mn ppb IC8/37
Bulgobac Hill	166401	SOIL	MMI	389000	5385500	Local	Taped	100	Tullabardine	0.0025	33	0.005	0.4	3	276	14	27	0.5
Bulgobac Hill	166402	SOIL	MMI	388975	5385500	Local	Taped	100	Tullabardine	0.0025	28	0.005	0.05	2	292	8	23	0.5
Bulgobac Hill	166403	SOIL	MMI	388950	5385500	Local	Taped	100	Tullabardine	0.0025	26	0.005	0.05	0.51	325	8	26	0.5
Bulgobac Hill	166404	SOIL	MMI	388925	5385500	Local	Taped	100	Tullabardine	0.0025	51	0.005	0.5	7	1200	27	49	0.5
Bulgobac Hill	166405	SOIL	MMI	388900	5385500	Local	Taped	100	Tullabardine	1.35	71	0.005	2.2	7	1600	18	132	0.5
Bulgobac Hill	166406	SOIL	MMI	388875	5385500	Local	Taped	100	Tullabardine	1.2	114	0.005	4.5	4	1800	42	92	0.5
Bulgobac Hill	166407	SOIL	MMI	388850	5385500	Local	Taped	100	Tullabardine	4	167	0.005	4.3	17	7600	128	652	2
Bulgobac Hill	166408	SOIL	MMI	388825	5385500	Local	Taped	100	Tullabardine	0.0025	27	0.005	0.05	29	465	19	136	0.5
Bulgobac Hill	166409	SOIL	MMI	388800	5385500	Local	Taped	100	Tullabardine	2.2	230	0.005	3.9	14	3400	66	141	5
Bulgobac Hill	166410	SOIL	MMI	388775	5385500	Local	Taped	100	Tullabardine	0.8	41	0.005	1	9	2100	24	164	0.5
Bulgobac Hill	166411	SOIL	MMI	388750	5385500	Local	Taped	100	Tullabardine	1.5	40	0.005	1.2	30	1700	32	163	0.5
Bulgobac Hill	166412	SOIL	MMI	388725	5385500	Local	Taped	100	Tullabardine	1.2	24	0.005	0.5	19	3700	16	347	0.5
Bulgobac Hill	166413	SOIL	MMI	388700	5385500	Local	Taped	100	Tullabardine	2.6	38	0.005	0.05	18	2200	50	577	0.5
Bulgobac Hill	166414	SOIL	MMI	388675	5385500	Local	Taped	100	Tullabardine	2.75	367	0.005	5	23	12500	79	548	1
Bulgobac Hill	166415	SOIL	MMI	388650	5385500	Local	Taped	100	Tullabardine	5	343	0.005	9.8	11	11500	143	498	11
Bulgobac Hill	166416	SOIL	MMI	388625	5385500	Local	Taped	100	Tullabardine	8.3	327	0.005	12	18	7600	53	829	25
Bulgobac Hill	166417	SOIL	MMI	388600	5385500	Local	Taped	100	Tullabardine	1.3	256	0.15	3.9	16	4400	25	366	1
Bulgobac Hill	166418	SOIL	MMI	388575	5385500	Local	Taped	100	Tullabardine	2.8	114	0.005	5.5	4	2600	38	714	0.5
Bulgobac Hill	166419	SOIL	MMI	388550	5385500	Local	Taped	100	Tullabardine	0.9	64	0.005	0.05	11	3400	30	264	0.5
Bulgobac Hill	166420	SOIL	MMI	388525	5385500	Local	Taped	100	Tullabardine	0.8	432	0.21	7.3	29	25500	114	466	0.5
Bulgobac Hill	166421	SOIL	MMI	388500	5385500	Local	Taped	100	Tullabardine	0.65	134	0.005	4.4	13	599	139	326	0.5
Bulgobac Hill	166422	SOIL	MMI	388500	5385750	Local	Taped	100	Tullabardine	0.3	116	0.005	3.1	12	3500	44	626	0.5
Bulgobac Hill	166423	SOIL	MMI	388525	5385750	Local	Taped	100	Tullabardine	0.65	47	0.005	1.5	13	2700	12	613	0.5
Bulgobac Hill	166424	SOIL	MMI	388550	5385750	Local	Taped	100	Tullabardine	1.75	112	0.005	4.5	5	4400	10	314	0.5
Bulgobac Hill	166425	SOIL	MMI	388575	5385750	Local	Taped	100	Tullabardine	3.4	76	0.005	1.8	8	2600	11	647	7
Bulgobac Hill	166426	SOIL	MMI	388600	5385750	Local	Taped	100	Tullabardine	6.1	117	0.005	3.3	7	1200	11	563	2
Bulgobac Hill	166427	SOIL	MMI	388625	5385750	Local	Taped	100	Tullabardine	0.7	29	0.005	0.05	9	19	13	171	0.5
Bulgobac Hill	166428	SOIL	MMI	388650	5385750	Local	Taped	100	Tullabardine	0.65	27	0.005	0.05	13	2500	11	501	0.5
Bulgobac Hill	166429	SOIL	MMI	388675	5385750	Local	Taped	100	Tullabardine	0.2	126	0.005	1.3	12	14000	43	292	0.5
Bulgobac Hill	166430	SOIL	MMI	388700	5385750	Local	Taped	100	Tullabardine	1.35	132	0.005	1.9	11	833	20	444	4
Bulgobac Hill	166431	SOIL	MMI	388725	5385750	Local	Taped	100	Tullabardine	0.0025	220	0.07	4.2	17	7600	59	552	2
Bulgobac Hill	166432	SOIL	MMI	388750	5385750	Local	Taped	100	Tullabardine	2.2	50	0.005	1.6	23	3500	26	289	0.5
Bulgobac Hill	166433	SOIL	MMI	388775	5385750	Local	Taped	100	Tullabardine	0.8	109	0.005	2.2	15	3700	50	240	0.5
Bulgobac Hill	166434	SOIL	MMI	388800	5385750	Local	Taped	100	Tullabardine	0.0025	199	0.005	2	21	5500	53	179	8
Bulgobac Hill	166435	SOIL	MMI	388825	5385750	Local	Taped	100	Tullabardine	0.8	56	0.005	0.5	13	3100	14	361	0.5
Bulgobac Hill	166436	SOIL	MMI	388850	5385750	Local	Taped	100	Tullabardine	0.35	39	0.005	0.7	17	397	37	86	0.5
Bulgobac Hill	166437	SOIL	MMI	388875	5385750	Local	Taped	100	Tullabardine	0.2	39	0.005	0.3	6	2600	15	28	0.5
Bulgobac Hill	166438	SOIL	MMI	388900	5385750	Local	Taped	100	Tullabardine	0.85	78	0.005	1.1	21	440	62	241	0.5
Bulgobac Hill	166439	SOIL	MMI	388925	5385750	Local	Taped	100	Tullabardine	0.0025	93	0.005	0.9	9	2600	53	142	0.5
Bulgobac Hill	166440	SOIL	MMI	388950	5385750	Local	Taped	100	Tullabardine	0.4	26	0.005	0.3	6	7700	28	89	0.5
Bulgobac Hill	166441	SOIL	MMI	388975	5385750	Local	Taped	100	Tullabardine	0.15	93	0.005	0.4	10	964	206	220	0.5
Bulgobac Hill	166442	SOIL	MMI	389000	5385750	Local	Taped	100	Tullabardine	0.0025	68	0.005	0.5	15	13500	276	180	0.5
Bulgobac Hill	166443	SOIL	MMI	389625	5386050	Local	Taped	100	Tullabardine	0.1	23	0.005	0.2	7	1500	53	172	0.5
Bulgobac Hill	166444	SOIL	MMI	389600	5386050	Local	Taped	100	Tullabardine	0.0025	73	0.005	0.2	8	967	55	86	0.5
Bulgobac Hill	166445	SOIL	MMI	389525	5386050	Local	Taped	100	Tullabardine	0.85	90	0.005	1.1	25	1900	34	387	6
Bulgobac Hill	166446	SOIL	MMI	389500	5386050	Local	Taped	100	Tullabardine	1.5	71	0.005	1	11	2600	97	479	6
Bulgobac Hill	166447	SOIL	MMI	389475	5386050	Local	Taped	100	Tullabardine	2.3	137	0.005	0.9	9	1300	75	272	5
Bulgobac Hill	166448	SOIL	MMI	389450	5386050	Local	Taped	100	Tullabardine	1.25	114	0.005	1.1	14	1100	152	184	0.5
Bulgobac Hill	166449	SOIL	MMI	389425	5386050	Local	Taped	100	Tullabardine	2.25	57	0.005	0.5	30	3600	191	713	5
Bulgobac Hill	166450	SOIL	MMI	389400	5386050	Local	Taped	100	Tullabardine	2.15	808	0.13	3.4	29	8800	488	496	12

Appendix Two

DataSet	Sample Number	Sample Type	Sample Sub Type	UTM/ Local East	UTM/ Local North	Ref System	Ref Method	Ref Accuracy	Local Grid Name	Ag ppb IC8/37	As ppb IC8/37	Au ppb IC8/37	Bi ppb IC8/37	Cd ppb IC8/37	Ba ppb IC8/37	Co ppb IC8/37	Cu ppb IC8/37	Mn ppb IC8/37
Bulgobac Hill	166451	SOIL	MMI	389375	5386050	Local	Taped	100	Tullabardine	2.9	2600	0.005	5.2	34	7400	2700	757	17
Bulgobac Hill	166452	SOIL	MMI	389350	5386050	Local	Taped	100	Tullabardine	2.65	432	0.005	4.6	12	6700	718	477	9
Bulgobac Hill	166453	SOIL	MMI	389325	5386050	Local	Taped	100	Tullabardine	2.4	50	0.005	0.5	20	2400	165	318	4
Bulgobac Hill	166454	SOIL	MMI	389300	5386050	Local	Taped	100	Tullabardine	1.25	718	0.06	12	27	13000	2300	537	19
Bulgobac Hill	166455	SOIL	MMI	389275	5386050	Local	Taped	100	Tullabardine	0.65	41	0.005	0.1	7	36	97	168	0.5
Bulgobac Hill	166456	SOIL	MMI	389250	5386050	Local	Taped	100	Tullabardine	1.6	281	0.005	1.5	21	5600	1400	711	2
Bulgobac Hill	166457	SOIL	MMI	389225	5386050	Local	Taped	100	Tullabardine	0.45	456	0.08	10	24	10000	298	1200	9
Bulgobac Hill	166458	SOIL	MMI	389200	5386050	Local	Taped	100	Tullabardine	2.5	872	0.005	11	38	6300	1000	771	25
Bulgobac Hill	166459	SOIL	MMI	389175	5386050	Local	Taped	100	Tullabardine	1.95	53	0.005	0.7	13	2900	61	270	2
Bulgobac Hill	166460	SOIL	MMI	389150	5386050	Local	Taped	100	Tullabardine	2.15	66	0.005	0.5	15	3800	111	420	0.5
Bulgobac Hill	166461	SOIL	MMI	389125	5386050	Local	Taped	100	Tullabardine	2.1	30	0.005	0.5	16	3400	36	408	0.5
Bulgobac Hill	166462	SOIL	MMI	389100	5386050	Local	Taped	100	Tullabardine	1.7	52	0.05	0.8	29	4200	146	539	6
Bulgobac Hill	166463	SOIL	MMI	389075	5386050	Local	Taped	100	Tullabardine	1.3	71	0.005	0.5	9	3100	78	265	0.5
Bulgobac Hill	166464	SOIL	MMI	389050	5386050	Local	Taped	100	Tullabardine	1.45	132	0.03	1.9	9	3900	59	616	12
Bulgobac Hill	166465	SOIL	MMI	389025	5386050	Local	Taped	100	Tullabardine	3.95	300	0.005	4.5	7	10000	206	312	17
Bulgobac Hill	166466	SOIL	MMI	389000	5386050	Local	Taped	100	Tullabardine	2.75	409	0.005	9.6	7	4200	82	385	28
Bulgobac Hill	166467	SOIL	MMI	388975	5386050	Local	Taped	100	Tullabardine	2.7	31	0.005	0.9	7	2900	49	139	4
Bulgobac Hill	166468	SOIL	MMI	388950	5386050	Local	Taped	100	Tullabardine	1.65	26	0.01	0.4	14	1200	23	179	2
Bulgobac Hill	166469	SOIL	MMI	388925	5386050	Local	Taped	100	Tullabardine	2.2	19	0.005	0.3	8	1000	41	222	7
Bulgobac Hill	166470	SOIL	MMI	388900	5386050	Local	Taped	100	Tullabardine	2.55	32	0.02	1.1	10	1300	12	325	7
Bulgobac Hill	166471	SOIL	MMI	388875	5386050	Local	Taped	100	Tullabardine	1.9	20	0.04	0.1	16	576	26	159	0.5
Bulgobac Hill	166472	SOIL	MMI	388850	5386050	Local	Taped	100	Tullabardine	1.3	34	0.005	0.05	11	17	110	126	0.5
Bulgobac Hill	166473	SOIL	MMI	388825	5386050	Local	Taped	100	Tullabardine	1.35	24	0.005	0.4	13	1400	12	195	0.5
Bulgobac Hill	166474	SOIL	MMI	388800	5386050	Local	Taped	100	Tullabardine	0.9	48	0.005	0.3	12	201	32	124	0.5
Bulgobac Hill	166475	SOIL	MMI	388775	5386050	Local	Taped	100	Tullabardine	0.55	37	0.005	0.2	19	566	13	222	0.5
Bulgobac Hill	166476	SOIL	MMI	388750	5386050	Local	Taped	100	Tullabardine	0.55	35	0.005	0.4	31	5600	20	144	0.5
Bulgobac Hill	166477	SOIL	MMI	388725	5386050	Local	Taped	100	Tullabardine	0.3	24	0.005	0.2	11	2000	16	217	0.5
Bulgobac Hill	166478	SOIL	MMI	388700	5386050	Local	Taped	100	Tullabardine	0.5	85	0.005	1.2	11	8100	19	173	0.5
Bulgobac Hill	166479	SOIL	MMI	388675	5386050	Local	Taped	100	Tullabardine	0.35	43	0.005	0.3	21	4100	51	133	0.5
Bulgobac Hill	166480	SOIL	MMI	388650	5386050	Local	Taped	100	Tullabardine	0.0025	25	0.005	0.2	13	3400	40	339	0.5
Bulgobac Hill	166481	SOIL	MMI	388625	5386050	Local	Taped	100	Tullabardine	0.25	23	0.005	0.1	18	1600	27	253	0.5
Bulgobac Hill	166482	SOIL	MMI	388600	5386050	Local	Taped	100	Tullabardine	0.0025	27	0.005	0.05	6	3800	15	89	0.5
Bulgobac Hill	166483	SOIL	MMI	388575	5386050	Local	Taped	100	Tullabardine	0.0025	48	0.005	0.5	19	16500	14	48	0.5
Bulgobac Hill	166484	SOIL	MMI	388550	5386050	Local	Taped	100	Tullabardine	0.0025	30	0.005	0.5	22	4500	12	65	0.5
Bulgobac Hill	166485	SOIL	MMI	388525	5386050	Local	Taped	100	Tullabardine	0.5	36	0.005	0.6	11	2300	15	124	0.5
Bulgobac Hill	166486	SOIL	MMI	388500	5386050	Local	Taped	100	Tullabardine	0.35	51	0.005	0.4	21	2700	23	72	3
Bulgobac Hill	166487	SOIL	MMI	389700	5386050	Local	Taped	100	Tullabardine	1.85	26	0.005	0.5	12	1700	26	432	0.5
Bulgobac Hill	166488	SOIL	MMI	389725	5386050	Local	Taped	100	Tullabardine	1.35	76	0.005	0.7	10	911	29	76	0.5
Bulgobac Hill	166489	SOIL	MMI	389750	5386050	Local	Taped	100	Tullabardine	1.05	47	0.005	0.4	13	1100	29	119	0.5
Bulgobac Hill	166490	SOIL	MMI	389775	5386050	Local	Taped	100	Tullabardine	0.7	23	0.005	0.1	6	1600	16	24	0.5
Bulgobac Hill	166491	SOIL	MMI	389800	5386050	Local	Taped	100	Tullabardine	0.6	419	0.005	7.3	10	2500	52	1000	3
Bulgobac Hill	166492	SOIL	MMI	389825	5386050	Local	Taped	100	Tullabardine	2.55	179	0.005	1.9	24	2600	17	466	3
Bulgobac Hill	166493	SOIL	MMI	389850	5386050	Local	Taped	100	Tullabardine	0.0025	25	0.005	0.3	8	6600	14	23	0.5
Bulgobac Hill	166494	SOIL	MMI	389875	5386050	Local	Taped	100	Tullabardine	0.75	19	0.005	0.05	2	651	8	19	0.5
Bulgobac Hill	166495	SOIL	MMI	389900	5386050	Local	Taped	100	Tullabardine	1	21	0.005	0.05	6	787	11	24	0.5
Bulgobac Hill	166496	SOIL	MMI	389925	5386050	Local	Taped	100	Tullabardine	0.85	28	0.005	0.1	7	726	12	38	0.5
Bulgobac Hill	166497	SOIL	MMI	389950	5386050	Local	Taped	100	Tullabardine	0.6	32	0.005	0.05	4	481	23	35	0.5
Bulgobac Hill	166498	SOIL	MMI	389975	5386050	Local	Taped	100	Tullabardine	0.5	22	0.005	0.05	5	633	14	19	0.5
Bulgobac Hill	166499	SOIL	MMI	390000	5386050	Local	Taped	100	Tullabardine	0.15	20	0.005	0.05	3	470	15	10	0.5
Bulgobac Hill	166500	SOIL	MMI	390025	5386050	Local	Taped	100	Tullabardine	0.4	8	0.005	0.05	3	650	13	15	0.5

Appendix Two

DataSet	Sample Number	Sample Type	Sample Sub Type	UTM/Local East	UTM/Local North	Ref System	Ref Method	Ref Accuracy	Local Grid Name	Ag ppb IC8/37	As ppb IC8/37	Au ppt IC8/37	Bi ppb IC8/37	Cd ppb IC8/37	Ba ppb IC8/37	Co ppb IC8/37	Cu ppb IC8/37	Mn ppb IC8/37
Bulgobac Hill	166501	SOIL	MMI	390050	5386050	Local	Taped	100	Tullabardine	0.6	8	0.23	0.05	2	357	7	16	0.5
Bulgobac Hill	166502	SOIL	MMI	390075	5386050	Local	Taped	100	Tullabardine	0.55	4	0.005	0.05	0.51	336	9	2	0.5
Bulgobac Hill	166503	SOIL	MMI	390100	5386050	Local	Taped	100	Tullabardine	0.6	7	0.05	0.05	2	246	6	369	3
Bulgobac Hill	166504	SOIL	MMI	390125	5386050	Local	Taped	100	Tullabardine	0.2	31	0.005	0.05	8	523	10	2	0.5
Bulgobac Hill	166505	SOIL	MMI	390150	5386050	Local	Taped	100	Tullabardine	2.4	77	0.005	0.7	13	821	22	16	0.5
Bulgobac Hill	166506	SOIL	MMI	390175	5386050	Local	Taped	100	Tullabardine	6.1	42	0.005	0.2	6	510	8	65	0.5
Bulgobac Hill	166507	SOIL	MMI	390175	5386050	Local	Taped	100	Tullabardine	6.05	18	0.005	105	5	741	5	40	0.5
Bulgobac Hill	166508	SOIL	MMI	390200	5386050	Local	Taped	100	Tullabardine	7.3	58	0.005	0.4	9	1800	32	246	5
Bulgobac Hill	166509	SOIL	MMI	390225	5386050	Local	Taped	100	Tullabardine	0.5	86	0.005	0.1	4	1400	6	37	9
Bulgobac Hill	166510	SOIL	MMI	390250	5386050	Local	Taped	100	Tullabardine	2.45	21	0.005	0.05	5	723	7	1	0.5
Bulgobac Hill	166511	SOIL	MMI	390275	5386050	Local	Taped	100	Tullabardine	2.55	14	0.005	0.05	7	905	9	14	0.5
Bulgobac Hill	166512	SOIL	MMI	390300	5386050	Local	Taped	100	Tullabardine	3.6	26	0.005	0.05	8	2500	15	107	0.5
Bulgobac Hill	166513	SOIL	MMI	390100	5386250	Local	Taped	100	Tullabardine	0.0025	27	0.005	0.05	4	876	10	5	0.5
Bulgobac Hill	166514	SOIL	MMI	390075	5386250	Local	Taped	100	Tullabardine	0.0025	31	0.005	0.05	3	728	8	0.51	0.5
Bulgobac Hill	166515	SOIL	MMI	390050	5386250	Local	Taped	100	Tullabardine	0.0025	25	0.005	0.05	2	265	8	6	0.5
Bulgobac Hill	166516	SOIL	MMI	390025	5386250	Local	Taped	100	Tullabardine	0.0025	17	0.005	0.05	1	237	13	7	0.5
Bulgobac Hill	166517	SOIL	MMI	390000	5386250	Local	Taped	100	Tullabardine	0.0025	13	0.005	0.05	2	175	18	7	0.5
Bulgobac Hill	166518	SOIL	MMI	389975	5386250	Local	Taped	100	Tullabardine	0.0025	16	0.005	0.05	1	380	15	8	0.5
Bulgobac Hill	166519	SOIL	MMI	389950	5386250	Local	Taped	100	Tullabardine	0.0025	5	0.005	0.05	1	77	7	12	0.5
Bulgobac Hill	166520	SOIL	MMI	389925	5386250	Local	Taped	100	Tullabardine	0.0025	29	0.005	0.05	2	302	8	0.51	0.5
Bulgobac Hill	166521	SOIL	MMI	389900	5386250	Local	Taped	100	Tullabardine	0.0025	11	0.005	0.05	4	207	5	0.51	0.5
Bulgobac Hill	166522	SOIL	MMI	389875	5386250	Local	Taped	100	Tullabardine	0.0025	36	0.005	0.05	9	954	17	137	0.5
Bulgobac Hill	166523	SOIL	MMI	389850	5386250	Local	Taped	100	Tullabardine	0.15	22	0.005	0.05	7	937	59	14	0.5
Bulgobac Hill	166524	SOIL	MMI	389825	5386250	Local	Taped	100	Tullabardine	1.95	17	0.98	0.1	4	857	26	662	0.5
Bulgobac Hill	166525	SOIL	MMI	389800	5386250	Local	Taped	100	Tullabardine	1.8	77	0.68	1.3	15	1200	93	262	2
Bulgobac Hill	166526	SOIL	MMI	389775	5386250	Local	Taped	100	Tullabardine	1.7	109	0.05	0.8	14	1900	101	301	6
Bulgobac Hill	166527	SOIL	MMI	389750	5386250	Local	Taped	100	Tullabardine	2.35	20	0.16	0.4	15	1000	61	196	0.5
Bulgobac Hill	166528	SOIL	MMI	389725	5386250	Local	Taped	100	Tullabardine	1.75	64	0.07	0.5	4	825	27	404	13
Bulgobac Hill	166529	SOIL	MMI	389700	5386250	Local	Taped	100	Tullabardine	4.05	37	0.12	1.5	3	1500	26	474	10
Bulgobac Hill	166530	SOIL	MMI	389675	5386250	Local	Taped	100	Tullabardine	3.15	64	0.13	0.7	37	2400	529	309	0.5
Bulgobac Hill	166531	SOIL	MMI	389650	5386250	Local	Taped	100	Tullabardine	1.45	25	0.005	0.2	25	1100	163	215	0.5
Bulgobac Hill	166532	SOIL	MMI	389625	5386250	Local	Taped	100	Tullabardine	1.15	80	0.005	0.7	4	1200	49	212	0.5
Bulgobac Hill	166533	SOIL	MMI	389625	5386250	Local	Taped	100	Tullabardine	0.95	111	0.005	1.1	4	466	94	125	0.5
Bulgobac Hill	166534	SOIL	MMI	389600	5386250	Local	Taped	100	Tullabardine	4.05	413	0.07	4.4	8	1700	77	454	19
Bulgobac Hill	166535	SOIL	MMI	389575	5386250	Local	Taped	100	Tullabardine	3.15	70	0.005	2	7	783	33	230	2
Bulgobac Hill	166536	SOIL	MMI	389550	5386250	Local	Taped	100	Tullabardine	1.6	42	0.005	0.3	6	3600	96	166	0.5
Bulgobac Hill	166537	SOIL	MMI	389525	5386250	Local	Taped	100	Tullabardine	0.65	54	0.005	0.4	12	1300	38	89	0.5
Bulgobac Hill	166538	SOIL	MMI	389500	5386250	Local	Taped	100	Tullabardine	0.75	45	0.005	0.3	12	1300	31	95	0.5
Bulgobac Hill	166539	SOIL	MMI	389475	5386250	Local	Taped	100	Tullabardine	0.2	56	0.04	1.4	4	1200	76	146	0.5
Bulgobac Hill	166540	SOIL	MMI	389450	5386250	Local	Taped	100	Tullabardine	0.0025	44	0.005	0.1	7	378	104	159	0.5
Bulgobac Hill	166541	SOIL	MMI	389425	5386250	Local	Taped	100	Tullabardine	0.3	18	0.005	0.1	12	2400	158	510	0.5
Bulgobac Hill	166542	SOIL	MMI	389400	5386250	Local	Taped	100	Tullabardine	1.3	496	0.02	19	12	4700	860	718	22
Bulgobac Hill	166543	SOIL	MMI	389375	5386250	Local	Taped	100	Tullabardine	1.8	199	0.005	5.6	14	6100	1000	519	12
Bulgobac Hill	166544	SOIL	MMI	389350	5386250	Local	Taped	100	Tullabardine	1.45	145	0.005	6.1	12	7500	919	1100	5
Bulgobac Hill	166545	SOIL	MMI	389325	5386250	Local	Taped	100	Tullabardine	2.2	340	0.02	15	23	10500	522	669	16
Bulgobac Hill	166546	SOIL	MMI	389300	5386250	Local	Taped	100	Tullabardine	2.45	141	0.005	1.7	5	2900	30	385	10
Bulgobac Hill	166547	SOIL	MMI	389275	5386250	Local	Taped	100	Tullabardine	1.55	50	0.005	0.4	23	3700	25	457	0.5
Bulgobac Hill	166548	SOIL	MMI	389250	5386250	Local	Taped	100	Tullabardine	1.75	62	0.005	3.1	9	3400	29	452	2
Bulgobac Hill	166549	SOIL	MMI	389225	5386250	Local	Taped	100	Tullabardine	1.9	182	0.09	7.3	8	14000	28	690	21
Bulgobac Hill	166550	SOIL	MMI	389200	5386250	Local	Taped	100	Tullabardine	1.35	75	0.005	0.2	12	4300	13	593	0.5

Appendix Two

DataSet	Sample Number	Sample Type	Sample Sub Type	UTM/Local East	UTM/Local North	Ref System	Ref Method	Ref Accuracy	Local Grid Name	Ag ppb IC8/37	As ppb IC8/37	Au ppb IC8/37	Bi ppb IC8/37	Cd ppb IC8/37	Ba ppb IC8/37	Co ppb IC8/37	Cu ppb IC8/37	Mo ppb IC8/37
Bulgobac Hill	166551	SOIL	MMI	389175	5386250	Local	Taped	100	Tullabardine	1.3	136	0.005	2.2	23	7300	29	351	2
Bulgobac Hill	166552	SOIL	MMI	389150	5386250	Local	Taped	100	Tullabardine	0.45	49	0.005	0.05	9	2800	19	211	0.5
Bulgobac Hill	166553	SOIL	MMI	389125	5386250	Local	Taped	100	Tullabardine	2.4	208	0.005	6.1	29	9300	38	690	28
Bulgobac Hill	166554	SOIL	MMI	389100	5386250	Local	Taped	100	Tullabardine	0.3	24	0.005	0.05	7	2200	42	375	0.5
Bulgobac Hill	166555	SOIL	MMI	389075	5386250	Local	Taped	100	Tullabardine	1.35	171	0.005	3.6	13	1400	31	422	5
Bulgobac Hill	166556	SOIL	MMI	389050	5386250	Local	Taped	100	Tullabardine	0.5	39	0.005	0.05	7	1500	25	317	0.5
Bulgobac Hill	166557	SOIL	MMI	389025	5386250	Local	Taped	100	Tullabardine	2.15	159	0.005	2.2	7	989	12	336	3
Bulgobac Hill	166558	SOIL	MMI	389000	5386250	Local	Taped	100	Tullabardine	2.1	29	0.005	0.05	10	1900	41	381	0.5
Bulgobac Hill	166559	SOIL	MMI	388975	5386250	Local	Taped	100	Tullabardine	1.85	487	0.005	20	4	2300	42	489	24
Bulgobac Hill	166560	SOIL	MMI	388950	5386250	Local	Taped	100	Tullabardine	7.8	327	0.005	14	12	4200	33	543	15
Bulgobac Hill	166561	SOIL	MMI	388950	5386250	Local	Taped	100	Tullabardine	4.7	413	0.005	15	10	4300	33	657	16
Bulgobac Hill	166562	SOIL	MMI	388925	5386250	Local	Taped	100	Tullabardine	0.05	79	0.005	0.1	13	10000	67	267	0.5
Bulgobac Hill	166563	SOIL	MMI	388900	5386250	Local	Taped	100	Tullabardine	0.7	45	0.005	0.05	12	5300	45	329	0.5
Bulgobac Hill	166564	SOIL	MMI	388875	5386250	Local	Taped	100	Tullabardine	0.1	21	0.005	0.05	20	4600	95	411	0.5
Bulgobac Hill	166565	SOIL	MMI	388850	5386250	Local	Taped	100	Tullabardine	0.0025	31	0.005	0.05	3	8900	22	101	0.5
Bulgobac Hill	166566	SOIL	MMI	388825	5386250	Local	Taped	100	Tullabardine	0.0025	59	0.005	0.05	13	4400	29	140	0.5
Bulgobac Hill	166567	SOIL	MMI	388800	5386250	Local	Taped	100	Tullabardine	0.0025	119	0.005	1.1	16	12500	76	364	0.5
Bulgobac Hill	166568	SOIL	MMI	388775	5386250	Local	Taped	100	Tullabardine	0.1	496	0.005	13	15	19000	69	621	0.5
Bulgobac Hill	166569	SOIL	MMI	388750	5386250	Local	Taped	100	Tullabardine	0.0025	223	0.005	2.5	14	17000	54	156	0.5
Bulgobac Hill	166570	SOIL	MMI	388725	5386250	Local	Taped	100	Tullabardine	0.25	984	0.005	10	72	45500	532	591	1
Bulgobac Hill	166571	SOIL	MMI	388700	5386250	Local	Taped	100	Tullabardine	1.4	47	0.005	0.9	12	4200	80	479	1
Bulgobac Hill	166572	SOIL	MMI	388675	5386250	Local	Taped	100	Tullabardine	0.35	38	0.005	0.2	17	5100	104	267	0.5
Bulgobac Hill	166573	SOIL	MMI	388650	5386250	Local	Taped	100	Tullabardine	0.45	54	0.005	0.5	10	3800	39	283	0.5
Bulgobac Hill	166574	SOIL	MMI	388625	5386250	Local	Taped	100	Tullabardine	0.8	20	0.005	0.2	8	1300	7	148	1
Bulgobac Hill	166575	SOIL	MMI	388600	5386250	Local	Taped	100	Tullabardine	0.25	42	0.005	0.05	12	2000	13	45	5
Bulgobac Hill	166576	SOIL	MMI	388575	5386250	Local	Taped	100	Tullabardine	0.3	52	0.005	0.4	13	1400	12	14	1
Bulgobac Hill	166577	SOIL	MMI	388550	5386250	Local	Taped	100	Tullabardine	0.25	28	0.005	0.2	14	3400	8	14	5
Bulgobac Hill	166578	SOIL	MMI	388525	5386250	Local	Taped	100	Tullabardine	0.05	27	0.005	0.05	6	310	7	16	0.5
Bulgobac Hill	166579	SOIL	MMI	388500	5386250	Local	Taped	100	Tullabardine	0.0025	48	0.005	0.1	13	2900	16	36	0.5
Bulgobac Hill	166580	SOIL	MMI	389100	5386500	Local	Taped	100	Tullabardine	0.0025	16	0.005	0.3	9	973	7	273	0.5
Bulgobac Hill	166581	SOIL	MMI	389125	5386500	Local	Taped	100	Tullabardine	0.0025	20	0.005	0.05	7	0.51	9	183	0.5
Bulgobac Hill	166582	SOIL	MMI	389150	5386500	Local	Taped	100	Tullabardine	0.0025	17	0.005	0.05	4	1000	7	73	0.5
Bulgobac Hill	166583	SOIL	MMI	389175	5386500	Local	Taped	100	Tullabardine	0.0025	1800	0.005	3.8	8	2800	42	84	6
Bulgobac Hill	166584	SOIL	MMI	389200	5386500	Local	Taped	100	Tullabardine	0.45	33	0.005	0.1	7	1100	10	107	5
Bulgobac Hill	166585	SOIL	MMI	389225	5386500	Local	Taped	100	Tullabardine	0.6	36	0.11	0.3	13	1900	15	147	4
Bulgobac Hill	166586	SOIL	MMI	389250	5386500	Local	Taped	100	Tullabardine	0.95	24	0.005	0.3	20	2400	62	244	5
Bulgobac Hill	166587	SOIL	MMI	389275	5386500	Local	Taped	100	Tullabardine	1.8	16	0.18	0.3	12	841	62	196	9
Bulgobac Hill	166588	SOIL	MMI	389300	5386500	Local	Taped	100	Tullabardine	1.6	18	0.005	0.4	5	8000	32	301	7
Bulgobac Hill	166589	SOIL	MMI	389325	5386500	Local	Taped	100	Tullabardine	1.75	16	0.005	0.2	12	1100	103	345	4
Bulgobac Hill	166590	SOIL	MMI	389350	5386500	Local	Taped	100	Tullabardine	2.4	24	0.005	0.2	9	2800	30	350	4
Bulgobac Hill	166591	SOIL	MMI	389375	5386500	Local	Taped	100	Tullabardine	2.7	97	0.005	2.4	9	3900	139	231	14
Bulgobac Hill	166592	SOIL	MMI	389400	5386500	Local	Taped	100	Tullabardine	1.15	1100	0.005	16	25	24000	2600	809	43
Bulgobac Hill	166593	SOIL	MMI	389425	5386500	Local	Taped	100	Tullabardine	1.65	515	0.005	16	49	18500	2300	953	28
Bulgobac Hill	166594	SOIL	MMI	389450	5386500	Local	Taped	100	Tullabardine	0.5	50	0.005	0.5	564	778	49	133	0.5
Bulgobac Hill	166595	SOIL	MMI	389475	5386500	Local	Taped	100	Tullabardine	2.15	196	0.005	3	13	1700	105	402	12
Bulgobac Hill	166596	SOIL	MMI	389500	5386500	Local	Taped	100	Tullabardine	1.65	132	0.005	6.9	11	1700	158	252	19
Bulgobac Hill	166597	SOIL	MMI	389500	5386500	Local	Taped	100	Tullabardine	1	144	0.005	7.4	10	1600	144	303	25
Bulgobac Hill	166598	SOIL	MMI	389525	5386500	Local	Taped	100	Tullabardine	1.4	42	0.005	1	11	521	50	404	3
Bulgobac Hill	166599	SOIL	MMI	389550	5386500	Local	Taped	100	Tullabardine	3.25	503	0.005	13	15	6000	1500	741	18
Bulgobac Hill	166600	SOIL	MMI	389575	5386500	Local	Taped	100	Tullabardine	1.15	33	0.005	0.9	13	2600	158	624	0.5

Appendix Two

DataSet	Sample Number	Sample Type	Sample Sub Type	UTM/Local East	UTM/Local North	Ref System	Ref Method	Ref Accuracy	Local Grid Name	Ag ppb IC8/37	As ppb IC8/37	Au ppb IC8/37	Bi ppb IC8/37	Cd ppb IC8/37	Ba ppb IC8/37	Co ppb IC8/37	Cu ppb IC8/37	Mn ppb IC8/37
Bulgobac Hill	166601	SOIL	MMI	389600	5386500	Local	Taped	100	Tullabardine	3.35	269	0.005	8.3	13	2600	192	581	16
Bulgobac Hill	166602	SOIL	MMI	389625	5386500	Local	Taped	100	Tullabardine	2.35	100	0.005	2.6	17	2900	278	540	6
Bulgobac Hill	166603	SOIL	MMI	389650	5386500	Local	Taped	100	Tullabardine	5.8	30	0.005	0.7	6	1900	69	273	10
Bulgobac Hill	166604	SOIL	MMI	389675	5386500	Local	Taped	100	Tullabardine	5.95	112	0.43	2.2	8	1300	95	492	6
Bulgobac Hill	166605	SOIL	MMI	389700	5386500	Local	Taped	100	Tullabardine	0.25	108	0.005	1.4	3	36500	111	198	0.5
Bulgobac Hill	166606	SOIL	MMI	389725	5386500	Local	Taped	100	Tullabardine	7.55	770	0.13	8.3	12	1200	230	389	29
Bulgobac Hill	166607	SOIL	MMI	389750	5386500	Local	Taped	100	Tullabardine	6.6	1500	0.05	17	4	2200	248	928	31
Bulgobac Hill	166608	SOIL	MMI	389775	5386500	Local	Taped	100	Tullabardine	5.65	1200	0.29	9.2	5	2600	261	872	36
Bulgobac Hill	166609	SOIL	MMI	389800	5386500	Local	Taped	100	Tullabardine	3.85	979	0.94	15	9	2900	3500	4500	23
Bulgobac Hill	166610	SOIL	MMI	389825	5386500	Local	Taped	100	Tullabardine	6.05	958	0.05	16	24	6200	1300	1500	66
Bulgobac Hill	166611	SOIL	MMI	389850	5386500	Local	Taped	100	Tullabardine	5.1	1500	0.85	20	16	2700	463	3300	71
Bulgobac Hill	166612	SOIL	MMI	389875	5386500	Local	Taped	100	Tullabardine	18	1500	0.005	9.7	19	4000	56	1500	32
Bulgobac Hill	166613	SOIL	MMI	389900	5386500	Local	Taped	100	Tullabardine	10	1700	0.005	10	8	861	9	760	68
Bulgobac Hill	166614	SOIL	MMI	389925	5386500	Local	Taped	100	Tullabardine	21	1800	0.5	13	31	3900	122	8600	48
Bulgobac Hill	166615	SOIL	MMI	389950	5386500	Local	Taped	100	Tullabardine	8.45	1200	0.27	16	7	1400	85	2200	92
Bulgobac Hill	166616	SOIL	MMI	389975	5386500	Local	Taped	100	Tullabardine	63	470	0.2	3	128	4300	15000	25500	12
Bulgobac Hill	166617	SOIL	MMI	390000	5386500	Local	Taped	100	Tullabardine	3.75	1700	0.24	17	93	5800	11500	5900	52
Bulgobac Hill	166618	SOIL	MMI	390025	5386500	Local	Taped	100	Tullabardine	5.05	1300	0.49	17	26	3100	3900	3500	62
Bulgobac Hill	166619	SOIL	MMI	390050	5386500	Local	Taped	100	Tullabardine	3	320	0.005	5.1	26	975	373	726	14
Bulgobac Hill	166620	SOIL	MMI	390075	5386500	Local	Taped	100	Tullabardine	4.2	152	0.06	4.1	9	2300	74	474	9
Bulgobac Hill	166621	SOIL	MMI	390100	5386500	Local	Taped	100	Tullabardine	2.35	84	0.005	0.6	6	2000	34	121	0.5
Bulgobac Hill	166622	SOIL	MMI	390125	5386500	Local	Taped	100	Tullabardine	1.45	39	0.005	0.3	2	920	36	112	0.5
Bulgobac Hill	166623	SOIL	MMI	390150	5386500	Local	Taped	100	Tullabardine	3.8	224	0.005	6.3	12	2400	28	1700	9
Bulgobac Hill	166624	SOIL	MMI	390150	5386500	Local	Taped	100	Tullabardine	4.2	294	0.005	8.8	9	2500	27	1800	11
Bulgobac Hill	166625	SOIL	MMI	390175	5386500	Local	Taped	100	Tullabardine	0.2	232	0.19	15	4	1200	55	1000	12
Bulgobac Hill	166626	SOIL	MMI	390200	5386500	Local	Taped	100	Tullabardine	2.7	293	0.17	9.9	6	1800	56	1600	10
Bulgobac Hill	166627	SOIL	MMI	390225	5386500	Local	Taped	100	Tullabardine	4	226	0.27	8.1	13	2300	165	1200	8
Bulgobac Hill	166628	SOIL	MMI	390250	5386500	Local	Taped	100	Tullabardine	1.15	130	0.005	2.1	7	2300	90	388	8
Bulgobac Hill	166629	SOIL	MMI	390275	5386500	Local	Taped	100	Tullabardine	2.2	112	0.005	3.2	12	3800	228	911	1
Bulgobac Hill	166630	SOIL	MMI	390300	5386500	Local	Taped	100	Tullabardine	1.55	40	0.005	0.2	5	1300	15	235	4
Bulgobac Hill	166631	SOIL	MMI	390325	5386500	Local	Taped	100	Tullabardine	2.65	147	0.02	1.2	9	1800	15	261	15
Bulgobac Hill	166632	SOIL	MMI	390350	5386500	Local	Taped	100	Tullabardine	12	1400	0.8	15	20	4900	53	1400	36
Bulgobac Hill	166633	SOIL	MMI	390375	5386500	Local	Taped	100	Tullabardine	7.1	521	1.07	8.2	27	5300	786	3400	32
Bulgobac Hill	166634	SOIL	MMI	390525	5386750	Local	Taped	100	Tullabardine	2.7	373	0.37	4.4	15	5800	117	3100	7
Bulgobac Hill	166635	SOIL	MMI	390500	5386750	Local	Taped	100	Tullabardine	3.25	265	0.29	4.1	18	6400	167	4400	4
Bulgobac Hill	166636	SOIL	MMI	390475	5386750	Local	Taped	100	Tullabardine	0.15	86	0.005	0.4	24	3600	43	95	0.5
Bulgobac Hill	166637	SOIL	MMI	390450	5386750	Local	Taped	100	Tullabardine	1.4	40	0.005	0.3	12	865	18	526	0.5
Bulgobac Hill	166638	SOIL	MMI	390425	5386750	Local	Taped	100	Tullabardine	3.65	36	0.005	0.2	9	665	13	175	2
Bulgobac Hill	166639	SOIL	MMI	390400	5386750	Local	Taped	100	Tullabardine	2.75	96	0.005	0.6	9	1000	16	178	0.5
Bulgobac Hill	166640	SOIL	MMI	390375	5386750	Local	Taped	100	Tullabardine	3.3	17	0.005	0.05	5	640	5	469	0.5
Bulgobac Hill	166641	SOIL	MMI	390350	5386750	Local	Taped	100	Tullabardine	6	311	0.005	1.9	13	2100	57	1100	4
Bulgobac Hill	166642	SOIL	MMI	390325	5386750	Local	Taped	100	Tullabardine	5.7	369	0.12	11	10	2000	22	1200	20
Bulgobac Hill	166643	SOIL	MMI	390300	5386750	Local	Taped	100	Tullabardine	1.5	29	0.005	0.4	5	177	31	75	0.5
Bulgobac Hill	166644	SOIL	MMI	390275	5386750	Local	Taped	100	Tullabardine	6.85	409	0.12	14	19	8400	454	2000	9
Bulgobac Hill	166645	SOIL	MMI	390250	5386750	Local	Taped	100	Tullabardine	1.8	179	0.005	3.1	10	1700	15	370	12
Bulgobac Hill	166646	SOIL	MMI	390225	5386750	Local	Taped	100	Tullabardine	2.65	362	0.005	18	6	1600	12	575	25
Bulgobac Hill	166647	SOIL	MMI	390200	5386750	Local	Taped	100	Tullabardine	2.75	325	0.48	29	7	1100	16	909	21
Bulgobac Hill	166648	SOIL	MMI	390175	5386750	Local	Taped	100	Tullabardine	3.2	175	0.09	2.1	8	2500	4	437	13
Bulgobac Hill	166649	SOIL	MMI	390150	5386750	Local	Taped	100	Tullabardine	3.25	48	0.005	0.5	14	3300	31	253	0.5
Bulgobac Hill	166650	SOIL	MMI	390125	5386750	Local	Taped	100	Tullabardine	12	355	0.29	8.6	44	6100	1400	1900	14

Appendix Two

DataSet	Sample Number	Sample Type	Sample Sub Type	UTM/Local East	UTM/Local North	Ref System	Ref Method	Ref Accuracy	Local Grid Name	Ag	As	Au	Bi	Cd	Ba	Co	Cu	Mn
										ppb IC8/37								
Bulgobac Hill	166651	SOIL	MMI	390100	5386750	Local	Taped	100	Tullabardine	3.55	307	0.005	7.5	15	5200	123	1500	0.5
Bulgobac Hill	166652	SOIL	MMI	390100	5386750	Local	Taped	100	Tullabardine	3.65	333	0.02	8.2	12	4500	138	2200	0.5
Bulgobac Hill	166653	SOIL	MMI	390075	5386750	Local	Taped	100	Tullabardine	6.3	60	0.32	1.5	12	1200	18	505	2
Bulgobac Hill	166654	SOIL	MMI	390050	5386750	Local	Taped	100	Tullabardine	5.3	282	0.07	7	10	561	10	336	8
Bulgobac Hill	166655	SOIL	MMI	390025	5386750	Local	Taped	100	Tullabardine	0.95	305	0.005	12	16	1100	14	288	21
Bulgobac Hill	166656	SOIL	MMI	390000	5386750	Local	Taped	100	Tullabardine	3.55	676	0.005	16	30	5700	474	1300	20
Bulgobac Hill	166657	SOIL	MMI	389975	5386750	Local	Taped	100	Tullabardine	2.65	189	0.005	3.9	16	5700	230	998	14
Bulgobac Hill	166658	SOIL	MMI	389950	5386750	Local	Taped	100	Tullabardine	4.65	273	0.04	6.6	17	3800	528	3300	15
Bulgobac Hill	166659	SOIL	MMI	389925	5386750	Local	Taped	100	Tullabardine	5.5	241	0.005	6.4	19	5600	240	1200	8
Bulgobac Hill	166660	SOIL	MMI	389900	5386750	Local	Taped	100	Tullabardine	1.25	447	0.005	5.4	21	5300	113	749	19
Bulgobac Hill	166661	SOIL	MMI	389875	5386750	Local	Taped	100	Tullabardine	1.8	370	0.005	7.2	32	9500	42	722	24
Bulgobac Hill	166662	SOIL	MMI	389850	5386750	Local	Taped	100	Tullabardine	1.8	269	0.005	11	14	4500	78	1500	10
Bulgobac Hill	166663	SOIL	MMI	389825	5386750	Local	Taped	100	Tullabardine	1.75	276	0.005	3.4	60	2000	437	1600	9
Bulgobac Hill	166664	SOIL	MMI	389800	5386750	Local	Taped	100	Tullabardine	1.5	288	0.18	9.2	21	4600	113	3800	10
Bulgobac Hill	166665	SOIL	MMI	389775	5386750	Local	Taped	100	Tullabardine	0.95	283	0.11	7	29	4600	223	3000	5
Bulgobac Hill	166666	SOIL	MMI	389750	5386750	Local	Taped	100	Tullabardine	0.55	183	0.005	6.1	10	3000	77	1300	5
Bulgobac Hill	166667	SOIL	MMI	389725	5386750	Local	Taped	100	Tullabardine	1.5	610	0.005	12	25	4500	194	2600	22
Bulgobac Hill	166668	SOIL	MMI	389700	5386750	Local	Taped	100	Tullabardine	5.7	651	0.05	15	12	2000	571	1700	22
Bulgobac Hill	166669	SOIL	MMI	389675	5386750	Local	Taped	100	Tullabardine	1.8	64	0.005	1.2	7	2200	46	268	0.5
Bulgobac Hill	166670	SOIL	MMI	389650	5386750	Local	Taped	100	Tullabardine	1.4	28	0.005	0.6	16	1300	49	341	2
Bulgobac Hill	166671	SOIL	MMI	389625	5386750	Local	Taped	100	Tullabardine	0.95	33	0.005	0.3	14	46	20	103	0.5
Bulgobac Hill	166672	SOIL	MMI	389600	5386750	Local	Taped	100	Tullabardine	1.35	14	0.005	0.3	5	708	12	108	4
Bulgobac Hill	166673	SOIL	MMI	389575	5386750	Local	Taped	100	Tullabardine	1.05	28	0.21	0.7	4	1000	11	288	5
Bulgobac Hill	166674	SOIL	MMI	389550	5386750	Local	Taped	100	Tullabardine	0.45	27	0.005	0.1	5	3300	33	115	0.5
Bulgobac Hill	166675	SOIL	MMI	389525	5386750	Local	Taped	100	Tullabardine	0.1	27	0.005	0.2	5	3200	29	130	0.5
Bulgobac Hill	166676	SOIL	MMI	389500	5386750	Local	Taped	100	Tullabardine	0.9	106	0.005	6.8	9	2800	25	436	10
Bulgobac Hill	166677	SOIL	MMI	389475	5386750	Local	Taped	100	Tullabardine	0.85	393	0.005	11	16	3700	1400	1100	28
Bulgobac Hill	166678	SOIL	MMI	390725	5387000	Local	Taped	100	Tullabardine	0.95	133	0.005	2.8	15	1300	32	483	9
Bulgobac Hill	166679	SOIL	MMI	390700	5387000	Local	Taped	100	Tullabardine	5.15	232	0.11	13	8	3500	25	625	13
Bulgobac Hill	166680	SOIL	MMI	390675	5387000	Local	Taped	100	Tullabardine	0.95	16	0.005	0.3	8	1000	8	595	2
Bulgobac Hill	166681	SOIL	MMI	390650	5387000	Local	Taped	100	Tullabardine	0.0025	560	0.005	5	21	9200	216	1400	7
Bulgobac Hill	166682	SOIL	MMI	390625	5387000	Local	Taped	100	Tullabardine	0.0025	368	0.005	6.1	5	2100	70	2400	13
Bulgobac Hill	166683	SOIL	MMI	390600	5387000	Local	Taped	100	Tullabardine	0.0025	39	0.4	0.05	11	1700	17	414	3
Bulgobac Hill	166684	SOIL	MMI	390575	5387000	Local	Taped	100	Tullabardine	0.65	674	0.04	36	6	1300	37	2100	27
Bulgobac Hill	166685	SOIL	MMI	390550	5387000	Local	Taped	100	Tullabardine	0.35	133	0.005	1.2	4	2700	46	1000	17
Bulgobac Hill	166686	SOIL	MMI	390525	5387000	Local	Taped	100	Tullabardine	2.65	306	0.005	0.9	4	908	18	1300	27
Bulgobac Hill	166687	SOIL	MMI	390500	5387000	Local	Taped	100	Tullabardine	0.5	43	0.005	0.05	11	914	36	479	0.5
Bulgobac Hill	166688	SOIL	MMI	390475	5387000	Local	Taped	100	Tullabardine	0.0025	65	0.005	0.05	11	3600	65	201	0.5
Bulgobac Hill	166689	SOIL	MMI	390450	5387000	Local	Taped	100	Tullabardine	5.2	83	0.005	0.4	7	1900	31	247	8
Bulgobac Hill	166690	SOIL	MMI	390425	5387000	Local	Taped	100	Tullabardine	5	63	0.005	0.5	4	1700	17	455	6
Bulgobac Hill	166691	SOIL	MMI	390400	5387000	Local	Taped	100	Tullabardine	3.1	49	0.005	0.05	8	844	48	296	5
Bulgobac Hill	166692	SOIL	MMI	390375	5387000	Local	Taped	100	Tullabardine	1.3	810	0.005	24	5	2700	38	697	27
Bulgobac Hill	166693	SOIL	MMI	390350	5387000	Local	Taped	100	Tullabardine	1.85	388	0.005	11	13	5000	349	1600	12
Bulgobac Hill	166694	SOIL	MMI	390325	5387000	Local	Taped	100	Tullabardine	0.7	326	0.005	6.4	23	9200	298	1900	5
Bulgobac Hill	166695	SOIL	MMI	390300	5387000	Local	Taped	100	Tullabardine	0.7	570	0.005	15	10	3100	400	1900	22
Bulgobac Hill	166696	SOIL	MMI	390300	5387000	Local	Taped	100	Tullabardine	0.0025	470	0.005	14	6	3200	382	1700	10
Bulgobac Hill	166697	SOIL	MMI	390275	5387000	Local	Taped	100	Tullabardine	0.65	665	0.005	13	21	8300	60	1700	18
Bulgobac Hill	166698	SOIL	MMI	390250	5387000	Local	Taped	100	Tullabardine	0.0025	1200	0.005	8.1	12	3500	109	2200	11
Bulgobac Hill	166699	SOIL	MMI	390225	5387000	Local	Taped	100	Tullabardine	0.0025	592	0.005	5.9	13	2400	68	1200	0.5
Bulgobac Hill	166700	SOIL	MMI	390200	5387000	Local	Taped	100	Tullabardine	6.9	1100	0.005	3.8	8	1100	15	584	37

200057

Appendix Two

DataSet	Sample Number	Sample Type	Sample Sub Type	UTM/Local East	UTM/Local North	Ref System	Ref Method	Ref Accuracy	Local Grid Name	Ag ppb IC8/37	As ppb IC8/37	Au ppb IC8/37	Bi ppb IC8/37	Cd ppb IC8/37	Ba ppb IC8/37	Co ppb IC8/37	Cu ppb IC8/37	Mn ppb IC8/37
Bulgobac Hill	166701	SOIL	MMI	390175	5387000	Local	Taped	100	Tullabardine	2.35	1100	0.005	5.3	4	2000	22	249	3
Bulgobac Hill	166702	SOIL	MMI	390150	5387000	Local	Taped	100	Tullabardine	0.7	3900	0.005	50	15	6500	782	760	9
Bulgobac Hill	166703	SOIL	MMI	390125	5387000	Local	Taped	100	Tullabardine	0.0025	180	0.005	2.9	7	899	1500	175	12
Bulgobac Hill	166704	SOIL	MMI	390100	5387000	Local	Taped	100	Tullabardine	0.0025	26	0.005	0.05	2	566	9	117	0.5
Bulgobac Hill	166705	SOIL	MMI	390075	5387000	Local	Taped	100	Tullabardine	0.0025	67	0.005	0.05	8	8	105	446	0.5
Bulgobac Hill	166706	SOIL	MMI	390050	5387000	Local	Taped	100	Tullabardine	0.0025	19	0.005	0.05	0.51	199	5	91	0.5
Bulgobac Hill	166707	SOIL	MMI	390025	5387000	Local	Taped	100	Tullabardine	0.0025	44	0.005	0.05	4	599	25	172	0.5
Bulgobac Hill	166708	SOIL	MMI	390000	5387000	Local	Taped	100	Tullabardine	0.0025	40	0.005	0.05	4	1000	44	224	0.5
Bulgobac Hill	166709	SOIL	MMI	389975	5387000	Local	Taped	100	Tullabardine	1.45	18	0.04	0.4	3	629	19	466	3
Bulgobac Hill	166710	SOIL	MMI	389950	5387000	Local	Taped	100	Tullabardine	2.1	41	0.005	0.6	7	655	50	1100	8
Bulgobac Hill	166711	SOIL	MMI	389925	5387000	Local	Taped	100	Tullabardine	1.6	37	0.005	0.8	12	1400	60	384	1
Bulgobac Hill	166712	SOIL	MMI	389900	5387000	Local	Taped	100	Tullabardine	1.25	12	0.005	1	5	279	6	223	1
Bulgobac Hill	166713	SOIL	MMI	389875	5387000	Local	Taped	100	Tullabardine	2.5	23	0.005	0.4	6	221	33	163	3
Bulgobac Hill	166714	SOIL	MMI	389850	5387000	Local	Taped	100	Tullabardine	0.6	56	0.005	0.9	11	2100	41	385	0.5
Bulgobac Hill	166715	SOIL	MMI	389825	5387000	Local	Taped	100	Tullabardine	1	16	0.005	0.3	2	647	22	210	3
Bulgobac Hill	166716	SOIL	MMI	389800	5387000	Local	Taped	100	Tullabardine	0.65	9	0.005	0.05	3	494	15	176	0.5
Bulgobac Hill	166717	SOIL	MMI	389800	5387000	Local	Taped	100	Tullabardine	0.6	18	0.005	0.3	4	691	22	306	0.5
Bulgobac Hill	166718	SOIL	MMI	389775	5387000	Local	Taped	100	Tullabardine	1.15	26	0.005	0.9	8	837	31	344	2
Bulgobac Hill	166719	SOIL	MMI	389750	5387000	Local	Taped	100	Tullabardine	0.45	42	0.005	0.3	11	1900	42	467	0.5
Bulgobac Hill	166720	SOIL	MMI	389725	5387000	Local	Taped	100	Tullabardine	1.65	40	0.005	0.7	4	1400	32	510	2
Bulgobac Hill	166721	SOIL	MMI	389700	5387000	Local	Taped	100	Tullabardine	2.6	136	0.005	1.4	10	2300	349	3100	13
Bulgobac Hill	166722	SOIL	MMI	390875	5387250	Local	Taped	100	Tullabardine	1.65	546	0.005	6.9	18	2100	31	241	40
Bulgobac Hill	166723	SOIL	MMI	390850	5387250	Local	Taped	100	Tullabardine	2.4	20	0.005	0.1	11	772	6	310	14
Bulgobac Hill	166724	SOIL	MMI	390825	5387250	Local	Taped	100	Tullabardine	2.15	145	0.005	2.4	15	1900	25	448	17
Bulgobac Hill	166725	SOIL	MMI	390800	5387250	Local	Taped	100	Tullabardine	6.05	370	0.005	14	15	1700	26	1000	31
Bulgobac Hill	166726	SOIL	MMI	390775	5387250	Local	Taped	100	Tullabardine	0.85	271	0.005	2.9	8	1700	74	760	0.5
Bulgobac Hill	166727	SOIL	MMI	390750	5387250	Local	Taped	100	Tullabardine	3.1	444	0.005	12	17	3600	374	5000	3
Bulgobac Hill	166728	SOIL	MMI	390725	5387250	Local	Taped	100	Tullabardine	3	383	0.005	24	16	1900	29	1800	15
Bulgobac Hill	166729	SOIL	MMI	390700	5387250	Local	Taped	100	Tullabardine	3.4	284	0.005	12	10	1800	39	691	22
Bulgobac Hill	166730	SOIL	MMI	390675	5387250	Local	Taped	100	Tullabardine	1.95	31	0.005	0.3	5	1900	7	59	7
Bulgobac Hill	166731	SOIL	MMI	390650	5387250	Local	Taped	100	Tullabardine	1.5	136	0.005	0.6	17	4200	30	281	0.5
Bulgobac Hill	166732	SOIL	MMI	390625	5387250	Local	Taped	100	Tullabardine	22	875	0.005	8.2	845	4500	2300	10000	10
Bulgobac Hill	166733	SOIL	MMI	390600	5387250	Local	Taped	100	Tullabardine	20	712	0.45	4.8	1800	2900	712	11500	14
Bulgobac Hill	166734	SOIL	MMI	390575	5387250	Local	Taped	100	Tullabardine	18	1100	0.005	3.7	31	4800	795	6300	20
Bulgobac Hill	166735	SOIL	MMI	390550	5387250	Local	Taped	100	Tullabardine	11	708	0.005	4.5	26	1400	86	2400	13
Bulgobac Hill	166736	SOIL	MMI	390525	5387250	Local	Taped	100	Tullabardine	2.35	36	0.005	0.05	5	727	11	22	0.5
Bulgobac Hill	166737	SOIL	MMI	390500	5387250	Local	Taped	100	Tullabardine	0.0025	42	0.005	0.2	5	627	15	61	0.5
Bulgobac Hill	166738	SOIL	MMI	390500	5387250	Local	Taped	100	Tullabardine	0.0025	49	0.005	0.2	4	781	16	64	0.5
Bulgobac Hill	166739	SOIL	MMI	390475	5387250	Local	Taped	100	Tullabardine	2.25	64	0.07	1.1	6	696	28	374	6
Bulgobac Hill	166740	SOIL	MMI	390450	5387250	Local	Taped	100	Tullabardine	4	864	0.22	20	6	1500	84	1800	18
Bulgobac Hill	166741	SOIL	MMI	390425	5387250	Local	Taped	100	Tullabardine	6.15	869	0.16	22	4	2200	46	1700	22
Bulgobac Hill	166742	SOIL	MMI	390400	5387250	Local	Taped	100	Tullabardine	4	61	0.005	0.8	7	1400	13	512	7
Bulgobac Hill	166743	SOIL	MMI	390375	5387250	Local	Taped	100	Tullabardine	1.45	36	0.005	0.05	2	1500	8	41	0.5
Bulgobac Hill	166744	SOIL	MMI	390350	5387250	Local	Taped	100	Tullabardine	0.65	50	0.005	0.1	7	494	27	94	0.5
Bulgobac Hill	166745	SOIL	MMI	390325	5387250	Local	Taped	100	Tullabardine	0.15	44	0.005	0.1	8	370	18	114	0.5
Bulgobac Hill	166746	SOIL	MMI	390300	5387250	Local	Taped	100	Tullabardine	0.85	23	0.11	0.4	12	604	46	208	0.5
Bulgobac Hill	166747	SOIL	MMI	390275	5387250	Local	Taped	100	Tullabardine	1.8	107	0.11	0.8	6	832	62	236	1
Bulgobac Hill	166748	SOIL	MMI	390250	5387250	Local	Taped	100	Tullabardine	1.85	259	0.005	4.5	18	2300	85	539	7
Bulgobac Hill	166749	SOIL	MMI	390225	5387250	Local	Taped	100	Tullabardine	3.85	132	0.13	2.5	7	1300	49	367	9
Bulgobac Hill	166750	SOIL	MMI	390200	5387250	Local	Taped	100	Tullabardine	4	389	0.01	6.9	10	2800	1700	497	17

Appendix Two

DataSet	Sample Number	Sample Type	Sample Sub Type	UTM/Local East	UTM/Local North	Ref System	Ref Method	Ref Accuracy	Local Grid Name	Ag	As	Au	Bi	Cd	Ba	Co	Cu	Mo
										ppb IC8/37								
Bulgobac Hill	166751	SOIL	MMI	390175	5387250	Local	Taped	100	Tullabardine	1.55	58	0.02	0.8	4	1100	19	269	1
Bulgobac Hill	166752	SOIL	MMI	390150	5387250	Local	Taped	100	Tullabardine	0.7	9	0.005	0.05	2	502	18	68	0.5
Bulgobac Hill	166753	SOIL	MMI	390125	5387250	Local	Taped	100	Tullabardine	0.2	52	0.005	0.2	5	2700	138	200	0.5
Bulgobac Hill	166754	SOIL	MMI	390100	5387250	Local	Taped	100	Tullabardine	1.75	67	0.05	1.4	7	761	45	359	14
Bulgobac Hill	166755	SOIL	MMI	390075	5387250	Local	Taped	100	Tullabardine	3.5	256	0.005	6.2	11	3000	24	845	19
Bulgobac Hill	166756	SOIL	MMI	390050	5387250	Local	Taped	100	Tullabardine	1.75	192	0.005	0.9	5	3200	94	115	7
Bulgobac Hill	166757	SOIL	MMI	390025	5387250	Local	Taped	100	Tullabardine	3.75	635	0.005	16	14	3000	299	1500	27
Bulgobac Hill	166758	SOIL	MMI	390000	5387250	Local	Taped	100	Tullabardine	3.05	364	0.005	19	20	4400	128	1000	17
Bulgobac Hill	166759	SOIL	MMI	391000	5387500	Local	Taped	100	Tullabardine	0.25	14	0.005	0.2	5	1100	7	119	8
Bulgobac Hill	166760	SOIL	MMI	390975	5387500	Local	Taped	100	Tullabardine	0.0025	45	0.005	0.2	14	523	20	81	0.5
Bulgobac Hill	166761	SOIL	MMI	390950	5387500	Local	Taped	100	Tullabardine	0.25	38	0.005	0.5	9	2200	15	172	6
Bulgobac Hill	166762	SOIL	MMI	390925	5387500	Local	Taped	100	Tullabardine	1.25	39	0.005	0.3	10	1000	22	110	11
Bulgobac Hill	166763	SOIL	MMI	390900	5387500	Local	Taped	100	Tullabardine	1.3	17	0.005	0.2	6	1200	7	114	6
Bulgobac Hill	166764	SOIL	MMI	390875	5387500	Local	Taped	100	Tullabardine	0.4	38	0.005	0.05	7	230	35	73	0.5
Bulgobac Hill	166765	SOIL	MMI	390850	5387500	Local	Taped	100	Tullabardine	0.0025	44	0.04	0.3	12	884	50	134	0.5
Bulgobac Hill	166766	SOIL	MMI	390825	5387500	Local	Taped	100	Tullabardine	0.0025	63	0.04	0.3	8	450	20	77	0.5
Bulgobac Hill	166767	SOIL	MMI	390800	5387500	Local	Taped	100	Tullabardine	2.55	270	0.21	2.7	8	1200	35	750	15
Bulgobac Hill	166768	SOIL	MMI	390775	5387500	Local	Taped	100	Tullabardine	5.9	89	0.09	1.2	7	1100	15	544	16
Bulgobac Hill	166769	SOIL	MMI	390750	5387500	Local	Taped	100	Tullabardine	5.15	266	0.1	2.1	6	1500	27	737	22
Bulgobac Hill	166770	SOIL	MMI	390725	5387500	Local	Taped	100	Tullabardine	2.3	125	0.13	0.9	9	1700	22	597	12
Bulgobac Hill	166771	SOIL	MMI	390700	5387500	Local	Taped	100	Tullabardine	1.35	57	0.005	0.3	17	18	17	414	0.5
Bulgobac Hill	166772	SOIL	MMI	390675	5387500	Local	Taped	100	Tullabardine	6	85	0.16	1.1	13	730	16	341	27
Bulgobac Hill	166773	SOIL	MMI	390650	5387500	Local	Taped	100	Tullabardine	3.9	45	0.005	0.8	12	829	5	136	11
Bulgobac Hill	166774	SOIL	MMI	390625	5387500	Local	Taped	100	Tullabardine	1.15	59	0.005	0.6	5	1400	7	147	0.5
Bulgobac Hill	166775	SOIL	MMI	390625	5387500	Local	Taped	100	Tullabardine	0.55	54	0.005	0.7	6	1400	6	145	0.5
Bulgobac Hill	166776	SOIL	MMI	390600	5387500	Local	Taped	100	Tullabardine	0.35	46	0.005	0.7	15	1000	9	169	15
Bulgobac Hill	166777	SOIL	MMI	390575	5387500	Local	Taped	100	Tullabardine	0.3	34	0.005	0.2	10	438	7	43	0.5
Bulgobac Hill	166778	SOIL	MMI	390550	5387500	Local	Taped	100	Tullabardine	0.1	60	0.005	0.6	10	839	20	131	3
Bulgobac Hill	166779	SOIL	MMI	390525	5387500	Local	Taped	100	Tullabardine	0.4	87	0.005	0.8	10	1100	25	336	0.5
Bulgobac Hill	166780	SOIL	MMI	390500	5387500	Local	Taped	100	Tullabardine	0.15	65	0.005	0.6	4	2000	31	146	0.5
Bulgobac Hill	166781	SOIL	MMI	390475	5387500	Local	Taped	100	Tullabardine	4.25	171	0.005	1.6	5	743	11	370	18
Bulgobac Hill	166782	SOIL	MMI	390450	5387500	Local	Taped	100	Tullabardine	4.9	488	0.01	4	6	1200	14	273	44
Bulgobac Hill	166783	SOIL	MMI	390425	5387500	Local	Taped	100	Tullabardine	4.85	1400	0.2	26	30	936	152	396	65
Bulgobac Hill	166784	SOIL	MMI	390400	5387500	Local	Taped	100	Tullabardine	10	1100	0.22	44	5	2800	61	147	55
Bulgobac Hill	166785	SOIL	MMI	390375	5387500	Local	Taped	100	Tullabardine	2.8	76	0.005	1.8	11	1700	27	126	0.5
Bulgobac Hill	166786	SOIL	MMI	390350	5387500	Local	Taped	100	Tullabardine	1.65	45	0.005	0.6	3	815	13	77	0.5
Bulgobac Hill	166787	SOIL	MMI	390325	5387500	Local	Taped	100	Tullabardine	1.05	51	0.005	1.1	10	887	20	152	0.5
Bulgobac Hill	166788	SOIL	MMI	390300	5387500	Local	Taped	100	Tullabardine	1.5	92	0.005	1.8	8	872	76	222	15
Bulgobac Hill	166789	SOIL	MMI	390275	5387500	Local	Taped	100	Tullabardine	4.65	220	0.005	15	8	509	35	276	53
Bulgobac Hill	166790	SOIL	MMI	390250	5387500	Local	Taped	100	Tullabardine	4.9	208	0.01	9.1	16	1900	118	1000	22
Bulgobac Hill	166791	SOIL	MMI	390250	5387500	Local	Taped	100	Tullabardine	2.45	212	0.1	9.2	15	1200	124	1100	22
Bulgobac Hill	166792	SOIL	MMI	390225	5387500	Local	Taped	100	Tullabardine	0.05	19	0.03	0.5	3	283	51	154	16
Bulgobac Hill	166793	SOIL	MMI	390200	5387500	Local	Taped	100	Tullabardine	0.0025	40	0.01	0.9	36	2100	60	247	0.5
Bulgobac Hill	166794	SOIL	MMI	390175	5387500	Local	Taped	100	Tullabardine	0.25	16	0.05	0.3	10	452	49	178	0.5
Bulgobac Hill	166795	SOIL	MMI	390150	5387500	Local	Taped	100	Tullabardine	0.45	12	0.06	0.2	4	247	19	83	0.5
Bulgobac Hill	166796	SOIL	MMI	390125	5387500	Local	Taped	100	Tullabardine	1.4	24	0.03	0.4	5	614	16	134	2
Bulgobac Hill	166797	SOIL	MMI	390100	5387500	Local	Taped	100	Tullabardine	0.9	18	0.01	0.3	28	1300	44	327	0.5
Bulgobac Hill	166798	SOIL	MMI	390075	5387500	Local	Taped	100	Tullabardine	0.35	43	0.02	0.3	7	1000	17	207	0.5
Bulgobac Hill	166799	SOIL	MMI	390050	5387500	Local	Taped	100	Tullabardine	1	31	0.07	0.5	6	774	16	151	5
Bulgobac Hill	166800	SOIL	MMI	390025	5387500	Local	Taped	100	Tullabardine	0.8	21	0.12	0.5	11	1300	54	243	0.5

Appendix Two

DataSet	Sample Number	Sample Type	Sample Sub Type	UTM/Local East	UTM/Local North	Ref System	Ref Method	Ref Accuracy	Local Grid Name	Ag	As	Au	Bi	Cd	Ba	Co	Cu	Mn
										ppb IC8/37								
Bulgobac Hill	166901	SOIL	MMI	390000	5387500	Local	Taped	100	Tullabardine	0.25	36	0.005	0.2	19	4	55	265	0.5
Bulgobac Hill	166902	SOIL	MMI	391000	5387750	Local	Taped	100	Tullabardine	1.85	22	0.11	0.5	13	765	37	154	0.5
Bulgobac Hill	166903	SOIL	MMI	390975	5387750	Local	Taped	100	Tullabardine	1.6	32	0.01	0.5	17	2200	40	241	0.5
Bulgobac Hill	166904	SOIL	MMI	390950	5387750	Local	Taped	100	Tullabardine	3.85	119	0.19	4.1	11	4300	484	750	14
Bulgobac Hill	166905	SOIL	MMI	390925	5387750	Local	Taped	100	Tullabardine	1.8	31	0.005	0.6	17	3000	62	154	2
Bulgobac Hill	166906	SOIL	MMI	390900	5387750	Local	Taped	100	Tullabardine	8.7	568	0.45	28	11	5500	63	938	23
Bulgobac Hill	166907	SOIL	MMI	390875	5387750	Local	Taped	100	Tullabardine	0.75	117	0.005	4.4	18	930	18	224	5
Bulgobac Hill	166908	SOIL	MMI	390850	5387750	Local	Taped	100	Tullabardine	2	15	0.98	0.4	5	814	19	205	4
Bulgobac Hill	166909	SOIL	MMI	390825	5387750	Local	Taped	100	Tullabardine	0.75	35	0.005	0.2	5	1900	30	126	0.5
Bulgobac Hill	166910	SOIL	MMI	390800	5387750	Local	Taped	100	Tullabardine	1.1	426	0.005	4.7	8	1700	52	119	18
Bulgobac Hill	166911	SOIL	MMI	390775	5387750	Local	Taped	100	Tullabardine	2.1	22	0.005	0.3	9	979	7	91	4
Bulgobac Hill	166912	SOIL	MMI	390750	5387750	Local	Taped	100	Tullabardine	1.1	24	0.005	0.3	25	654	6	58	0.5
Bulgobac Hill	166913	SOIL	MMI	390725	5387750	Local	Taped	100	Tullabardine	0.8	36	0.03	0.3	11	949	13	69	0.5
Bulgobac Hill	166914	SOIL	MMI	390700	5387750	Local	Taped	100	Tullabardine	0.3	47	0.005	0.3	28	636	27	86	0.5
Bulgobac Hill	166915	SOIL	MMI	390675	5387750	Local	Taped	100	Tullabardine	0.5	16	0.005	0.1	9	807	5	98	0.5
Bulgobac Hill	166916	SOIL	MMI	390650	5387750	Local	Taped	100	Tullabardine	0.25	54	0.005	0.5	10	724	9	83	0.5
Bulgobac Hill	166917	SOIL	MMI	390625	5387750	Local	Taped	100	Tullabardine	1	35	0.06	0.2	48	941	36	167	0.5
Bulgobac Hill	166918	SOIL	MMI	390600	5387750	Local	Taped	100	Tullabardine	0.35	34	0.005	0.05	3	1100	9	18	0.5
Bulgobac Hill	166919	SOIL	MMI	390600	5387750	Local	Taped	100	Tullabardine	0.0025	17	0.005	0.2	3	606	4	15	0.5
Bulgobac Hill	166920	SOIL	MMI	390575	5387750	Local	Taped	100	Tullabardine	1	15	0.005	0.3	3	685	5	72	0.5
Bulgobac Hill	166921	SOIL	MMI	390550	5387750	Local	Taped	100	Tullabardine	1	36	0.005	1.1	9	1400	41	239	5
Bulgobac Hill	166922	SOIL	MMI	390525	5387750	Local	Taped	100	Tullabardine	0.4	38	0.12	0.6	16	835	21	495	0.5
Bulgobac Hill	166923	SOIL	MMI	390500	5387750	Local	Taped	100	Tullabardine	0.0025	45	0.005	0.05	8	939	31	134	0.5
Bulgobac Hill	166924	SOIL	MMI	390475	5387750	Local	Taped	100	Tullabardine	0.0025	62	0.75	0.05	11	2200	30	206	0.5
Bulgobac Hill	166925	SOIL	MMI	390450	5387750	Local	Taped	100	Tullabardine	0.0025	42	0.14	0.5	5	1000	70	239	8
Bulgobac Hill	166926	SOIL	MMI	390425	5387750	Local	Taped	100	Tullabardine	0.0025	47	0.23	0.5	14	816	179	313	6
Bulgobac Hill	166927	SOIL	MMI	390400	5387750	Local	Taped	100	Tullabardine	0.0025	59	0.11	1.2	7	296	18	323	10
Bulgobac Hill	166928	SOIL	MMI	390375	5387750	Local	Taped	100	Tullabardine	0.0025	16	0.86	0.05	8	1100	33	429	0.5
Bulgobac Hill	166929	SOIL	MMI	390350	5387750	Local	Taped	100	Tullabardine	0.0025	44	0.34	0.6	13	1400	10	312	9
Bulgobac Hill	166930	SOIL	MMI	390325	5387750	Local	Taped	100	Tullabardine	0.0025	39	0.9	0.2	4	696	21	213	7
Bulgobac Hill	166931	SOIL	MMI	390300	5387750	Local	Taped	100	Tullabardine	0.0025	831	0.28	36	5	1200	24	313	50
Bulgobac Hill	166932	SOIL	MMI	390275	5387750	Local	Taped	100	Tullabardine	0.0025	40	0.21	1.6	5	967	39	324	0.5
Bulgobac Hill	166933	SOIL	MMI	390250	5387750	Local	Taped	100	Tullabardine	0.0025	15	0.31	0.05	5	410	18	171	0.5
Bulgobac Hill	166934	SOIL	MMI	390225	5387750	Local	Taped	100	Tullabardine	0.0025	9	0.4	0.05	6	280	137	172	1
Bulgobac Hill	166935	SOIL	MMI	390200	5387750	Local	Taped	100	Tullabardine	0.0025	16	0.005	0.05	19	644	20	355	0.5
Bulgobac Hill	166936	SOIL	MMI	390175	5387750	Local	Taped	100	Tullabardine	0.0025	32	0.005	0.05	14	804	188	201	0.5
Bulgobac Hill	166937	SOIL	MMI	390150	5387750	Local	Taped	100	Tullabardine	0.0025	6	0.005	0.05	2	314	11	149	0.5
Bulgobac Hill	166938	SOIL	MMI	390150	5387750	Local	Taped	100	Tullabardine	0.0025	15	0.18	0.05	2	392	13	235	0.5
Bulgobac Hill	166939	SOIL	MMI	390125	5387750	Local	Taped	100	Tullabardine	0.0025	20	0.005	0.05	17	766	104	220	0.5
Bulgobac Hill	166940	SOIL	MMI	390100	5387750	Local	Taped	100	Tullabardine	0.0025	20	0.005	0.05	11	575	59	235	0.5
Bulgobac Hill	166941	SOIL	MMI	390075	5387750	Local	Taped	100	Tullabardine	0.0025	56	0.005	0.05	12	882	26	206	0.5
Bulgobac Hill	166942	SOIL	MMI	390050	5387750	Local	Taped	100	Tullabardine	0.0025	24	0.005	0.05	11	1300	85	601	0.5
Bulgobac Hill	166943	SOIL	MMI	390025	5387750	Local	Taped	100	Tullabardine	0.0025	4	0.005	0.05	5	433	21	149	0.5
Bulgobac Hill	166944	SOIL	MMI	390000	5387750	Local	Taped	100	Tullabardine	0.0025	29	0.005	0.05	6	1200	34	192	0.5
Bulgobac Hill	166945	SOIL	MMI	391000	5388000	Local	Taped	100	Tullabardine	4.05	473	0.005	23	11	1700	111	942	66
Bulgobac Hill	166946	SOIL	MMI	390975	5388000	Local	Taped	100	Tullabardine	0.7	177	0.005	2.6	9	802	40	397	34
Bulgobac Hill	166947	SOIL	MMI	390950	5388000	Local	Taped	100	Tullabardine	0.0025	15	0.005	0.05	12	1300	11	547	0.5
Bulgobac Hill	166948	SOIL	MMI	390925	5388000	Local	Taped	100	Tullabardine	0.2	7	0.005	0.05	6	1900	8	984	0.5
Bulgobac Hill	166949	SOIL	MMI	390900	5388000	Local	Taped	100	Tullabardine	0.95	53	0.005	0.4	24	2900	20	421	11
Bulgobac Hill	166950	SOIL	MMI	390875	5388000	Local	Taped	100	Tullabardine	0.0025	49	0.005	0.05	17	1300	17	164	0.5

200060

Appendix Two

DataSet	Sample Number	Sample Type	Sample Sub Type	UTM Local East	UTM Local North	Ref System	Ref Method	Ref Accuracy	Local Grid Name	Ag ppb IG8/37	As ppb IG8/37	Au ppb IG8/37	Bi ppb IG8/37	Cd ppb IG8/37	Ba ppb IG8/37	Co ppb IG8/37	Cu ppb IG8/37	Mn ppb IG8/37
Bulgobac Hill	166951	SOIL	MMI	390850	5388000	Local	Taped	100	Tullabardine	2.3	406	0.14	6.8	9	5200	49	565	22
Bulgobac Hill	166952	SOIL	MMI	390825	5388000	Local	Taped	100	Tullabardine	9.7	928	0.14	13	5	726	40	678	42
Bulgobac Hill	166953	SOIL	MMI	390800	5388000	Local	Taped	100	Tullabardine	26	28	0.005	0.2	8	5100	6	98	17
Bulgobac Hill	166954	SOIL	MMI	390775	5388000	Local	Taped	100	Tullabardine	18	1300	1.44	12	30	3900	486	679	29
Bulgobac Hill	166955	SOIL	MMI	390750	5388000	Local	Taped	100	Tullabardine	16	446	0.03	3	23	3600	94	2600	12
Bulgobac Hill	166956	SOIL	MMI	390725	5388000	Local	Taped	100	Tullabardine	9	604	0.005	3.1	10	2500	58	828	38
Bulgobac Hill	166957	SOIL	MMI	390700	5388000	Local	Taped	100	Tullabardine	6.05	743	0.005	8.4	12	2300	32	1300	43
Bulgobac Hill	166958	SOIL	MMI	390675	5388000	Local	Taped	100	Tullabardine	4.25	61	0.005	0.3	9	2900	11	491	32
Bulgobac Hill	166959	SOIL	MMI	390650	5388000	Local	Taped	100	Tullabardine	4.95	439	0.005	4.7	17	3400	29	594	18
Bulgobac Hill	166960	SOIL	MMI	390625	5388000	Local	Taped	100	Tullabardine	8.6	1400	0.25	18	9	2000	136	1200	25
Bulgobac Hill	166961	SOIL	MMI	390600	5388000	Local	Taped	100	Tullabardine	3.5	613	0.005	11	10	893	86	549	10
Bulgobac Hill	166962	SOIL	MMI	390600	5388000	Local	Taped	100	Tullabardine	2.8	505	0.005	11	7	786	69	562	9
Bulgobac Hill	166963	SOIL	MMI	390575	5388000	Local	Taped	100	Tullabardine	5.25	360	0.005	16	13	1200	38	691	12
Bulgobac Hill	166964	SOIL	MMI	390550	5388000	Local	Taped	100	Tullabardine	0.15	190	0.005	2	13	2500	39	142	3
Bulgobac Hill	166965	SOIL	MMI	390525	5388000	Local	Taped	100	Tullabardine	0.0025	205	0.005	3.7	19	1500	177	352	2
Bulgobac Hill	166966	SOIL	MMI	390500	5388000	Local	Taped	100	Tullabardine	0.8	35	0.005	0.8	3	653	27	210	11
Bulgobac Hill	166967	SOIL	MMI	390475	5388000	Local	Taped	100	Tullabardine	1.05	28	0.005	0.8	2	319	8	259	13
Bulgobac Hill	166968	SOIL	MMI	390450	5388000	Local	Taped	100	Tullabardine	0.9	23	0.005	0.5	4	518	11	181	13
Bulgobac Hill	166969	SOIL	MMI	390425	5388000	Local	Taped	100	Tullabardine	1.4	16	0.005	0.4	4	310	13	128	7
Bulgobac Hill	166970	SOIL	MMI	390400	5388000	Local	Taped	100	Tullabardine	1.15	58	0.005	1.5	7	748	25	366	17
Bulgobac Hill	166971	SOIL	MMI	390375	5388000	Local	Taped	100	Tullabardine	0.0025	47	0.005	0.1	2	1100	30	112	0.5
Bulgobac Hill	166972	SOIL	MMI	390350	5388000	Local	Taped	100	Tullabardine	0.0025	51	0.005	0.1	4	821	80	240	0.5
Bulgobac Hill	166973	SOIL	MMI	390325	5388000	Local	Taped	100	Tullabardine	0.0025	57	0.005	0.5	6	555	97	204	0.5
Bulgobac Hill	166974	SOIL	MMI	390300	5388000	Local	Taped	100	Tullabardine	0.0025	54	0.005	0.4	18	1300	24	193	0.5
Bulgobac Hill	166975	SOIL	MMI	390275	5388000	Local	Taped	100	Tullabardine	0.0025	54	0.005	1.2	13	883	42	557	7
Bulgobac Hill	166976	SOIL	MMI	390250	5388000	Local	Taped	100	Tullabardine	0.0025	151	0.005	3	11	615	162	336	36
Bulgobac Hill	166977	SOIL	MMI	390225	5388000	Local	Taped	100	Tullabardine	0.2	13	0.1	0.5	17	229	16	154	2
Bulgobac Hill	166978	SOIL	MMI	390200	5388000	Local	Taped	100	Tullabardine	1.1	31	0.18	0.3	4	290	43	316	16
Bulgobac Hill	166979	SOIL	MMI	390200	5388000	Local	Taped	100	Tullabardine	0.85	25	0.08	0.3	3	204	31	143	9
Bulgobac Hill	166980	SOIL	MMI	390175	5388000	Local	Taped	100	Tullabardine	0.75	22	0.21	0.3	7	463	130	270	8
Bulgobac Hill	166981	SOIL	MMI	390150	5388000	Local	Taped	100	Tullabardine	0.75	21	0.1	0.2	15	715	13	311	0.5
Bulgobac Hill	166982	SOIL	MMI	390125	5388000	Local	Taped	100	Tullabardine	0.65	20	0.23	0.3	10	828	65	158	0.5
Bulgobac Hill	166983	SOIL	MMI	390100	5388000	Local	Taped	100	Tullabardine	0.4	40	0.005	0.2	14	0.51	16	320	0.5
Bulgobac Hill	166984	SOIL	MMI	390075	5388000	Local	Taped	100	Tullabardine	0.0025	35	0.02	0.3	5	2200	57	210	0.5
Bulgobac Hill	166985	SOIL	MMI	390050	5388000	Local	Taped	100	Tullabardine	0.1	35	0.005	0.9	11	2300	70	446	0.5
Bulgobac Hill	166986	SOIL	MMI	390025	5388000	Local	Taped	100	Tullabardine	0.15	25	0.005	0.4	5	504	37	179	5
Bulgobac Hill	166987	SOIL	MMI	390000	5388000	Local	Taped	100	Tullabardine	0.0025	47	0.005	0.4	5	1100	22	230	0.5
										0.05	1	0.01	0.1	1	1	1	1	1

Appendix Two

Ni ppb IC8/37	Pb ppb IC8/37	Pt ppb IC8/37	Pg ppb IC8/37	Sb ppb IC8/37	Tl ppb IC8/37	Zn ppb IC8/37	SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Colour	Soil Profile	Slope Angle	Sample Depth	Organic Content %
29	365	0.14	0.005	0.5	0.5	3200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	2	20	2
25	182	0.01	0.005	0.5	0.5	4800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	2	15	20
34	240	0.005	0.005	0.5	0.5	5600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	5		20
48	465	0.08	0.005	0.5	0.5	4400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	5	15	20
77	596	0.21	0.84	0.5	0.5	5600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	10	15	30
85	551	0.12	1.21	0.5	0.5	5300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	5	15	20
438	1100	0.06	1.14	1	0.5	5500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	2		20
104	976	0.05	0.005	0.5	0.5	12000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	1	20	30
378	1000	0.005	0.47	4	2	5000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	8	20	20
329	1300	0.05	0.21	0.5	0.5	7600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	15		20
207	794	0.08	1.41	0.5	0.5	9100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	17		30
136	1600	0.04	0.25	0.5	0.5	7500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	1	15	15
223	850	0.005	0.4	0.5	0.5	10500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	13	15	20
229	3200	0.29	0.96	4	1	7200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/ Orange	B	2	20	15
152	3400	0.08	3	4	0.5	6000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	15	20
148	2900	0.1	5.85	6	0.5	8900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B	6	20	20
77	2900	0.005	0.32	3	1	4500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	18		25
138	1100	0.005	0.73	0.5	0.5	5500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	20		20
93	1300	0.005	0.005	0.5	0.5	12500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Dark Brown	B	22	25	20
172	4800	0.06	0.29	4	1	9600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	30	25	
73	1100	0.01	0.15	2	0.5	10000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	35	20	25
101	1200	0.05	0.005	2	0.5	8100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	10	20	20
42	1400	0.005	0.45	0.5	0.5	18500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	15	20	20
58	953	0.005	0.28	0.5	0.5	6500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	14	25	25
89	1700	0.005	1.39	0.5	0.5	8800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B	14	20	20
66	1500	0.13	3.01	0.5	0.5	6200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B	8	20	20
47	1100	0.005	0.005	0.5	0.5	9500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	4		20
168	1300	0.005	0.005	0.5	0.5	7000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2		20
201	2100	0.005	0.29	2	1	15500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	37	20	
202	921	0.005	1.19	0.5	1	11500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	18		20
266	2200	0.09	0.3	3	3	4500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	8	25	
101	1500	0.15	2.12	1	0.5	10000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B	4	20	
214	943	0.19	0.89	2	0.5	6900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	6	20	
159	1000	0.005	0.005	2	2	7400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	10	20	
161	600	0.005	0.32	1	0.5	6400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B	6		
127	516	0.005	0.04	0.5	0.5	6600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B		20	
90	544	0.005	0.41	0.5	0.5	5400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B		20	
237	841	0.005	0.21	2	0.5	4700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B	2	20	
186	739	0.1	0.005	1	0.5	4500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B	4	20	
185	177	0.13	0.07	0.5	0.5	2200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	25	20	
381	277	0.005	0.005	0.5	0.5	3800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	10	20	
559	817	0.005	0.005	1	0.5	4300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	10	20	
1200	974	0.38	0.1	1	0.5	10000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	25	
456	1200	0.005	0.005	0.5	0.5	3700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	25	
507	2500	0.06	0.005	2	0.5	5400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B		20	
313	1900	0.01	0.57	1	0.5	19000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Dark Grey	B		30	
306	979	0.005	0.54	0.5	0.5	6300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B		20	
565	1400	0.12	0.005	0.5	0.5	12500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B		20	5
926	2800	0.15	0.74	0.5	0.5	7400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B		20	
796	2900	0.09	0.95	3	0.5	4000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B		20	

Appendix Two

NI	Pb	Pt	Pd	Sb	Tl	Zn	SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Colour	Soil Profile	Slope Angle	Sample Depth	Organic Content %
IC8/37																			
2100	1600	0.08	1.74	6	3	4000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B		25	
279	2400	0.01	1.44	7	2	8500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B		20	
214	1700	0.005	0.04	0.5	1	8500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B	3	20	
444	2700	0.03	0.57	8	3	3400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	25	
200	676	0.02	0.005	0.5	0.5	6600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	5	20	
979	1600	0.005	1.09	5	0.5	16500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B	8	20	
1100	1900	0.005	1.97	10	1	11500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/ Orange	B	15	20	
548	2000	0.005	0.78	13	1	4000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	4	20	
631	2100	0.005	0.005	0.5	1	3800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	8	20	
354	1000	0.005	0.005	0.5	0.5	5800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B	4	20	
152	1700	0.005	0.005	0.5	0.5	5400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	5	20	
219	1600	0.04	0.28	0.5	0.5	10000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	1	20	
258	2500	0.005	0.005	1	0.5	8600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	
202	3100	0.01	0.62	2	0.5	7300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B	3	20	
205	1300	0.005	0.81	2	0.5	1300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	2	20	
150	811	0.005	1.64	7	0.5	4000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B	4		
123	1300	0.005	0.11	1	0.5	8200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B	4	20	
41	1100	0.005	0.005	0.5	0.5	6600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B	10		
49	1000	0.05	0.005	0.5	0.5	11000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Grey	B	3	20	
31	1000	0.005	0.66	2	0.5	14000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Grey	B	4	20	
73	1000	0.01	0.04	0.5	0.5	7800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	10	25	50
152	504	0.005	0.005	0.5	0.5	8400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	14	25	
30	1900	0.005	0.005	0.5	0.5	7300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	30	20	
36	655	0.005	0.005	0.5	0.5	7200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	10	30	
18	1500	0.005	0.005	0.5	0.5	13500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	10	40	
39	3100	0.005	0.005	0.5	0.5	9400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	12	25	
58	660	0.03	0.005	0.5	0.5	5300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	13	25	
38	2200	0.005	0.005	2	0.5	1600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	14	25	
55	1200	0.005	0.07	0.5	0.5	9200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	22	25	
58	770	0.005	0.005	0.5	0.5	6400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	28	25	
53	1200	0.005	0.005	0.5	0.5	14500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	34	25	
31	398	0.005	0.005	0.5	0.5	2800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	38	25	
33	1800	0.02	0.005	0.5	0.5	2700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	38	25	
37	1500	0.05	0.005	0.5	0.5	5200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	39	20	
28	732	0.14	0.25	1	0.5	6400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	20	20	
52	1400	0.08	0.38	1	0.5	3100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	20	25	
443	848	0.03	0.005	2	0.5	4700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	2
343	1100	0.07	0.3	4	0.5	5200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B		20	3
44	998	0.13	0.12	0.5	0.5	5800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	8	20	4
353	536	0.005	0.14	1	0.5	4500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	10
177	2100	0.005	0.07	9	0.5	2900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light brown	B	5	20	
219	2900	0.005	0.005	2	0.5	3600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Dark Grey	B	4	20	5
379	500	0.005	0.005	0.5	0.5	2000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Dark Grey	B	10	20	5
44	230	0.09	0.06	0.5	0.5	3300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Dark Brown	B		20	
72	493	0.07	0.05	0.5	0.5	3200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B		20	
40	412	0.005	0.005	0.5	0.5	4800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B		20	5
28	331	0.05	0.07	0.5	0.5	1200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Dark Brown	B		30	50
32	320	0.005	0.005	0.5	0.5	603	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B		40	95
30	314	0.005	0.005	0.5	0.5	709	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B		40	95
45	147	0.005	0.005	0.5	0.5	501	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B		40	90

Appendix Two

NI	Pb	Pt	Pd	Sb	Tl	Zn	SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Colour	Soil Profile	Slope Angle	Sample Depth	Organic Content %
ppb																			
IC8/37																			
28	143	0.15	0.06	0.5	0.5	341	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B		45	70
23	220	0.01	0.005	0.5	0.5	202	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B		40	80
38	303	0.005	0.005	0.5	0.5	1100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B		45	80
37	1600	0.04	0.005	0.5	0.5	2300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B		25	20
86	5800	0.005	0.14	0.5	0.5	4200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Dark Grey	B	2	20	20
116	384	0.01	0.005	1	0.5	4400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	
64	419	0.005	0.005	0.5	0.5	3000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	
381	1000	0.005	0.005	3	0.5	3000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	25	40
214	1900	0.02	0.005	0.5	0.5	11500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B	4	20	
86	312	0.005	0.005	0.5	0.5	3000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	3	25	30
450	378	0.08	0.005	0.5	0.5	2900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	8	20	50
1400	771	0.005	0.01	0.5	0.5	2800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	10	20	
14	214	0.06	0.005	0.5	0.5	557	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	2	20	5
28	228	0.005	0.005	0.5	0.5	949	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	4	20	10
15	153	0.005	0.005	0.5	0.5	1300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	0	20	10
19	133	0.03	0.005	0.5	0.5	1300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	0	35	80
60	180	0.13	0.15	0.5	0.5	1700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	0	40	
48	94	0.04	0.1	0.5	0.5	409	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	0	35	80
13	53	0.01	0.005	0.5	0.5	283	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	0	45	
23	260	0.02	0.005	0.5	0.5	4100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	0	20	
31	125	0.005	0.005	0.5	0.5	2900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	2	20	5
225	621	0.03	0.005	0.5	0.5	4300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	2	20	20
550	339	0.005	0.005	0.5	0.5	5800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	2	20	20
115	259	0.08	0.17	0.5	0.5	4400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	4	15	
224	1200	0.15	0.34	1	0.5	4400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B	2	20	40
207	3100	0.005	0.23	1	0.5	1800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B	1	20	40
91	1500	0.04	0.19	0.5	0.5	5600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B	4	20	
142	1900	0.005	0.14	2	0.5	904	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	2	20	
119	5800	0.005	0.005	3	0.5	1200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B		20	
646	4600	0.01	0.2	2	0.5	13000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	3	20	50
117	1100	0.02	0.005	0.5	0.5	11500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B		25	40
303	1200	0.005	0.32	2	1	2300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	20
361	557	0.11	0.28	3	0.5	1600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	20
247	2100	0.02	0.37	4	0.5	1800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	4	20	
166	1100	0.06	0.57	2	0.5	5400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B	5	20	
248	1100	0.01	0.005	1	0.5	1800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	10	20	80
48	1400	0.005	0.16	1	0.5	5500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	15	20	
124	1900	0.01	0.2	0.5	0.5	5300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	8	20	
134	299	0.005	0.005	3	0.5	1200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	8	20	30
164	216	0.01	0.08	0.5	0.5	6600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	6	20	80
875	1400	0.03	0.005	0.5	0.5	5700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	2	20	
649	2100	0.01	0.82	11	0.5	1100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B	8	20	
357	1500	0.005	0.005	4	0.5	3100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	8	20	
637	2200	0.005	0.38	3	0.5	5000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	
515	1800	0.005	1.67	7	0.5	3900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange/Clay	B	4	20	
163	395	0.005	0.52	2	0.5	640	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Grey	B	5	15	
146	1700	0.005	0.005	0.5	0.5	9200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	7	20	50
110	909	0.005	0.005	0.5	0.5	6000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	4	20	
151	1300	0.005	1.8	2	0.5	888	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Orange	B	4	20	
124	1800	0.005	0.005	0.5	0.5	6400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	

Appendix Two

NI ppb ICB/37	Pb ppb ICB/37	Pt ppb ICB/37	Pd ppb ICB/37	Sb ppb ICB/37	Tl ppb ICB/37	Zn ppb ICB/37	SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Colour	Soil Profile	Slope Angle	Sample Depth	Organic Content %
243	1500	0.1	0.005	0.5	0.5	4600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B	2	20	
110	990	0.01	0.005	0.5	0.5	5300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	
194	1800	0.06	1.92	4	0.5	2400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B	3	20	
309	851	0.005	0.005	0.5	0.5	3900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	3	20	
139	890	0.04	0.44	0.5	0.5	7300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B	4	20	
175	742	0.005	0.005	0.5	0.5	1900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	
118	540	0.005	0.005	1	0.5	3800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B	5	20	
275	958	0.03	0.005	0.5	0.5	5100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	8	20	
152	739	0.005	2	16	0.5	326	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange/Clay	B	10	20	
197	1900	0.12	5.94	7	6	1700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	18	20	
210	1500	0.32	5.1	6	7	1900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	18	20	50
122	1500	0.005	0.005	0.5	0.5	2200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	25	25	50
147	2200	0.005	0.005	0.5	0.5	5600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	25	20	50
267	2000	0.005	0.005	0.5	0.5	8400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	60
115	733	0.005	0.005	0.5	0.5	1000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	14	20	50
116	1100	0.005	0.005	0.5	0.5	4300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	14	25	
185	2400	0.005	0.005	3	0.5	3300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B	20	20	95
271	4800	0.005	2.96	6	0.5	3100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	20	20	80
162	3200	0.01	0.16	3	6	1600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	45	20	
812	2300	0.06	1.59	8	5	5200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Mud	B	38	25	
85	1800	0.09	0.47	0.5	1	1400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Rocky/Clay	B	35	20	
84	1200	0.09	0.06	0.5	0.5	8400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	35	25	
98	1300	0.02	0.005	1	0.5	6200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	38	25	80
106	517	0.08	0.18	0.5	0.5	690	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Rocky/Clay	B	37	20	
77	303	0.005	0.005	0.5	0.5	3300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	33	25	
18	460	0.08	0.26	0.5	0.5	1300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	10	25	
34	456	0.01	0.14	0.5	0.5	1700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Dark brown/Clay	B	8	20	
26	189	0.06	0.005	0.5	0.5	7000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	5	20	
30	433	0.02	0.005	0.5	0.5	4000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	
79	1500	0.06	0.005	0.5	0.5	14500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	70
103	156	0.07	0.005	0.5	0.5	6800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	70
43	182	0.005	0.005	0.5	0.5	6600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	3	20	70
150	511	0.005	0.64	6	0.5	731	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Brown	B	12	20	60
43	323	0.05	0.19	0.5	0.5	1000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B	10	25	60
60	1100	0.05	0.03	0.5	0.5	1700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B	12	25	60
105	764	0.03	0.13	0.5	3	2300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B	10	20	50
123	609	0.15	0.18	0.5	2	2000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	8	20	
133	501	0.03	0.27	1	0.5	506	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Brown	B	4	20	20
148	638	0.01	0.005	0.5	0.5	7700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B		20	40
134	692	0.005	0.04	0.5	2	1200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Blue	B	10	20	50
180	497	0.005	0.31	2	0.5	5500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	10	25	50
766	3500	0.005	1.15	6	4	3100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Mud, Rocky	B	12	20	20
1300	1900	0.08	0.72	5	3	3700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	8	25	20
77	606	0.06	0.005	1	0.5	2000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	80
393	1300	0.005	0.38	3	0.5	2700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Dark clay	B	8	25	30
235	736	0.04	0.13	4	0.5	3900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light brown/Orange	B	5	20	30
283	934	0.06	0.33	4	0.5	4300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light brown/Orange	B	5	20	30
181	575	0.06	0.005	1	0.5	4400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	4	20	30
1100	2000	0.005	0.005	6	1	2100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light brown	B	8	20	30
673	2600	0.04	0.005	1	0.5	4200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	60

Appendix Two

Ni	Pb	Pt	Pd	Sb	Tl	Zn	SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Colour	Soil Profile	Slope Angle	Sample Depth	Organic Content %
IC8/37																			
743	1800	0.01	0.38	4	0.5	1800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B	4	25	40
836	2000	0.005	0.005	4	0.5	6000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	5	20	60
263	811	0.04	0.13	0.5	0.5	894	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	3	20	50
237	828	0.01	0.91	1	0.5	980	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	8	20	60
494	1900	0.03	0.11	2	1	806	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	12	25	50
356	1700	0.1	0.77	15	2	3400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	25	20	50
206	2600	0.05	2.33	47	2	3000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	12	25	30
258	820	0.18	2.96	35	0.5	399	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Orange	B	17	20	20
1300	3200	0.08	3.98	58	8	5300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange/Clay	B	3	20	20
794	3900	0.06	1.35	84	1	5100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	12	20	30
241	6700	0.26	4.15	221	2	5400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	4	20	20
215	2900	0.04	0.35	87	0.5	3200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	25	50
68	982	0.06	0.77	164	1	2100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange/Grey	B	5	20	20
593	6400	0.15	1.01	89	4	2400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	brown	B	5	20	30
98	1900	0.23	4.92	172	2	1100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange/Clay	B	8	25	30
1800	9300	0.06	2.77	74	18	10500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Dark brown	B	4	20	50
2600	13000	0.005	2.51	105	10	27500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	3	15	40
877	6700	0.24	6.2	133	6	7900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	14	20	20
186	1500	0.12	0.67	12	2	7600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Orange	B	18	20	20
209	1200	0.03	0.09	3	0.5	3200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B	20	20	30
94	1700	0.04	0.01	1	0.5	3700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Grey	B	25	30	60
179	251	0.03	0.005	1	0.5	473	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	60
480	665	0.13	0.47	6	0.5	3600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Orange	B		20	30
378	576	0.02	0.62	7	1	2400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Orange	B		20	30
189	391	0.005	1.86	8	0.5	2300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange/Grey	B	5	20	20
1100	788	0.07	1.55	11	0.5	1800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Orange	B	5	25	30
772	1700	0.12	3.77	5	2	695	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	8	20	10
626	869	0.07	0.89	3	0.5	1400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Orange	B	8	20	30
1500	1100	0.02	0.65	3	0.5	1600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Orange	B	5	20	50
1000	746	0.01	0.44	0.5	0.5	604	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	3	20	30
394	711	0.07	0.72	6	0.5	675	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	4	20	40
862	3000	0.04	1.5	56	1	1200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light brown	B	6	20	30
1100	7600	0.04	3.4	38	4	1100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	5	20	20
1300	3500	0.03	1.5	7	2	2600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	30	20	20
1000	3200	0.03	1.21	7	0.5	2300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	28	20	20
102	1300	0.005	0.16	2	0.5	4600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	28	20	40
266	1200	0.07	0.1	1	0.5	2400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Dark brown	B	14	20	30
301	1000	0.11	0.12	2	0.5	1800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Dark brown	B	15	20	30
247	1500	0.1	0.08	1	0.5	1100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	8	20	40
126	376	0.005	0.14	0.5	0.5	1300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Brown	B	4	20	20
1000	1000	0.005	0.25	7	0.5	1100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Brown	B		20	30
198	685	0.005	2.3	11	0.5	1000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	2	20	20
269	181	0.005	0.005	0.5	0.5	1100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	50
978	1500	0.03	0.73	11	0.5	2200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	4	20	20
131	983	0.03	0.29	3	0.5	980	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	4	20	20
107	1000	0.08	0.82	8	0.5	1400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	2	20	20
212	1000	0.15	3.24	11	0.5	1200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	5	20	20
161	441	0.04	0.6	4	0.5	1200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B	10	15	20
404	1700	0.005	0.02	0.5	0.5	2400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Brown	B	18	20	30
812	2100	0.03	0.68	17	4	2500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Orange	B	2	20	20

200066

Appendix Two

NI	Pb	Pt	Pd	Sb	Ti	Zn	SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Colour	Soil Profile	Slope Angle	Sample Depth	Organic Content %
IC8/37																			
591	3700	0.07	0.6	8	1	4200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Orange	B	10	20	30
605	4000	0.09	0.48	9	0.5	3200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Orange	B	10	20	30
231	1400	0.07	0.005	2	0.5	2000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/Clay	B	16	20	30
84	1200	0.005	0.06	6	0.5	1300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Clay	B	16	20	30
118	1100	0.06	0.75	12	0.5	2400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange/Clay	B	17	20	30
1300	2100	0.07	3.16	13	3	2500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange/Clay	B	20	20	20
1000	796	0.1	3.59	4	3	1200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	23	20	30
791	1500	0.005	7.6	10	4	2000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	25	20	30
415	1300	0.005	3.39	10	2	1900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange/Clay	B	20	20	30
415	1100	0.005	1.22	12	2	2400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Orange	B	12	20	20
350	1700	0.03	0.47	15	2	4000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	5	20	30
220	1400	0.005	0.45	7	0.5	1700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Orange	B	5	20	30
509	1000	0.06	0.81	7	0.5	6000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	40
460	2100	0.06	1.53	11	1	639	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Orange	B	2	20	20
537	2000	0.05	1.45	6	1	769	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	20
322	784	0.05	0.65	4	1	835	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Orange	B	20	20	20
394	1200	0.05	0.97	14	3	1300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	12	20	20
608	1200	0.005	1.66	10	3	666	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	15	20	20
310	993	0.005	0.005	2	1	2300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	35	20	60
202	1000	0.005	0.16	0.5	1	3100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	30	25	60
85	1400	0.005	0.005	0.5	0.5	3400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	5	25	40
63	287	0.005	0.14	0.5	0.5	763	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	5	15	20
77	394	0.04	0.49	0.5	0.5	1900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	7	15	25
187	322	0.005	0.05	0.5	0.5	2700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	1	0	50
214	539	0.005	0.005	0.5	0.5	2700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	1	0	50
143	1100	0.005	0.82	5	0.5	2000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Orange	B		20	20
637	2300	0.005	0.68	11	3	2100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	1	20	20
1000	1300	0.005	0.1	4	1	1600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Black	B	15	20	20
527	822	0.005	1.17	5	0.5	1600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	16	20	20
584	594	0.06	0.06	0.5	0.5	1800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	15	20	30
1600	1200	0.005	0.005	10	0.5	2300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	10	20	40
417	849	0.13	0.19	5	0.5	1500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	20	20	20
272	1100	0.005	0.005	0.5	0.5	3500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	5	30	20
114	1000	0.04	5.53	14	0.5	1300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	orange	B	5	20	20
178	347	0.005	0.005	0.5	0.5	2900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	34	40	20
216	1300	0.005	0.005	4	0.5	2800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	35	30	80
307	1000	0.005	0.005	0.5	0.5	4100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/grey	B	8	20	30
251	1300	0.005	0.005	0.5	0.5	4500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	8	20	40
134	878	0.005	0.005	0.5	0.5	5300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light grey	B	6	20	20
122	967	0.005	0.005	0.5	0.5	4300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light grey	B	12	20	30
145	798	0.005	0.005	0.5	0.5	5300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light grey	B	20	20	20
164	1900	0.08	0.07	10	0.5	1800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Orange	B	12	25	60
466	4400	0.005	0.005	7	0.5	2100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	10	10	20
918	3200	0.005	0.005	3	0.5	3400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	5	15	20
496	4300	0.005	1.3	25	0.5	3800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	8	20	20
484	5400	0.005	0.62	20	0.5	2800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	8	20	20
728	3700	0.005	0.005	12	0.5	3200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	8	20	20
1100	2900	0.005	0.005	23	0.5	4600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/Orange	B	8	20	20
371	1400	0.005	0.005	5	0.5	1700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	30
92	3200	0.005	0.005	9	0.5	2700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light grey/Blue	B	18	20	20

200067

Appendix Two

NI	Pb	Pt	Pd	Sb	Tl	Zn	SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Colour	Soil Profile	Slope Angle	Sample Depth	Organic Content %
IC8/37																			
117	877	0.005	0.005	3	0.5	1300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	10	20	20
1200	3400	0.005	0.005	51	0.5	1300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	10	20	20
146	825	0.005	0.005	0.5	0.5	722	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	35	20	20
30	462	0.005	0.005	0.5	0.5	1700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	25	20	20
266	943	0.005	0.005	0.5	0.5	3900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Grey	B	25	20	20
53	84	0.005	0.005	0.5	0.5	2000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light grey	B	12	20	20
108	492	0.005	0.005	0.5	0.5	2900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	8	15	20
176	448	0.005	0.005	0.5	0.5	2900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	8	20	20
86	265	0.07	0.28	0.5	0.5	4300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	10	20	20
185	468	0.005	0.43	1	0.5	810	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	25	20	25
134	1700	0.06	0.37	0.5	0.5	5200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	20	20	20
34	763	0.005	0.18	0.5	0.5	2100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	8	20	25
106	150	0.04	0.55	0.5	0.5	2600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B		15	20
174	1400	0.14	0.06	1	0.5	3400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	30
216	319	0.04	0.21	0.5	0.5	321	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B		20	20
84	313	0.05	0.16	0.5	0.5	306	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B		15	20
150	515	0.06	0.15	0.5	0.5	331	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B		15	20
56	777	0.04	0.29	1	0.5	2600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	5	20	20
230	2000	0.06	0.005	0.5	0.5	3900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	12	20	30
362	657	0.18	1.05	1	0.5	2700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	20
166	1500	0.1	0.41	3	0.5	3800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/grey	B	3	20	20
490	1300	0.15	1.02	7	0.5	1800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	25	20	20
343	363	0.1	0.37	0.5	0.5	1700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	25	20	10
287	1400	0.06	0.51	2	0.5	5000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/orange	B	18	20	10
289	1300	0.18	3.06	8	0.5	1200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	2	20	10
832	1100	0.04	0.1	4	0.5	1900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	5	20	20
1100	4500	0.06	1.43	13	2	1500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	5	20	10
214	1400	0.18	3.9	10	0.5	1000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	5	20	10
271	538	0.25	3.17	7	0.5	3200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	28	20	10
397	77	0.005	0.16	1	0.5	5300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange/grey	B	17	30	20
448	1300	0.17	0.49	1	0.5	2000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	30	20	20
8200	7500	0.22	0.68	35	2	47000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	30	15	20
9800	29500	0.18	1.52	21	2	339500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	10	15	20
1400	4800	0.21	1.22	23	2	8600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	45	20	
426	1700	0.08	0.88	22	1	5200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/orange	B	40	20	20
31	212	0.04	0.005	0.5	0.5	3400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	20	25	40
30	848	0.04	0.005	0.5	0.5	3500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507		B	1	25	
29	462	0.02	0.005	0.5	0.5	3200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	1	25	20
121	975	0.04	0.07	2	0.5	3600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	2	20	20
283	4600	0.04	1.27	22	0.5	2000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	10	20	30
116	3600	0.08	2.14	44	0.5	3400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	20	20	10
114	1900	0.08	0.005	2	0.5	1300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	21	20	30
59	448	0.04	0.01	0.5	0.5	2500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	22	20	20
75	345	0.15	0.005	0.5	0.5	2200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	15	20	40
68	612	0.07	0.11	0.5	0.5	4100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	10
144	726	0.23	0.07	0.5	0.5	4900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	20
361	637	0.16	0.25	1	0.5	4500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	20
312	1200	0.17	0.66	4	0.5	4700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	7	20	20
238	615	0.16	0.91	2	0.5	2700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	6	20	10
255	2100	0.18	0.38	6	1	6900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/brown	B	8	20	20

20068

Appendix Two

NI ppb IC8/37	Pb ppb IC8/37	Pt ppb IC8/37	Pd ppb IC8/37	Sb ppb IC8/37	Tl ppb IC8/37	Zn ppb IC8/37	SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Colour	Soil Profile	Slope Angle	Sample Depth	Organic Content %
70	666	0.06	0.15	1	0.5	3200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light Orange	B	12	20	20
192	174	0.005	0.005	0.5	0.5	533	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	25
386	509	0.13	0.005	0.5	0.5	4200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	30
142	415	0.15	0.39	2	0.5	893	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	2	20	20
126	927	0.12	1.49	7	0.5	3500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	12	20	20
291	179	0.06	0.32	2	0.5	1100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	10	20	20
668	1600	0.05	1.45	7	2	2000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	15	20	20
289	1600	0.03	3.9	12	2	2200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	20	20	10
132	134	0.005	0.14	0.5	0.5	18000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	20	15	20
41	958	0.03	0.09	0.5	0.5	20000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	20	25	30
83	1400	0.005	0.26	1	0.5	2500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown / grey	B	22	20	20
149	747	0.01	0.3	0.5	0.5	722	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	20	20	20
145	525	0.07	0.53	0.5	0.5	831	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	18	25	30
94	649	0.005	0.27	0.5	0.5	9400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown / grey clay	B	22	20	30
196	735	0.01	0.15	1	0.5	12500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/ grey	B	21	25	30
95	633	0.005	0.22	1	0.5	8100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	18	25	20
126	2200	0.06	0.88	3	0.5	3900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B		20	10
97	2000	0.15	0.26	2	0.5	1200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	28	20	30
155	2100	0.06	0.51	6	0.5	4600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	20	20	20
165	2300	0.005	0.15	2	0.5	4500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey / brown	B	22	20	20
100	731	0.12	0.07	1	0.5	7800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	15	20	20
58	1600	0.005	0.15	2	0.5	2800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	20	20	20
44	1500	0.005	0.16	1	0.5	1500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	18	20	20
15	1400	0.005	0.005	2	0.5	1600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	20
15	1400	0.21	0.005	2	0.5	2200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	20
39	3200	0.15	0.005	1	0.5	2700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	2	20	20
17	959	0.005	0.005	0.5	0.5	4700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	3	30	50
83	1000	0.13	0.005	1	0.5	3000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	25	20
108	1600	0.07	0.005	2	0.5	3800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	8	20	20
63	1100	0.11	0.005	1	0.5	1100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	20	20	20
158	407	0.1	0.31	3	0.5	426	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/ grey	B	21	20	20
61	1000	0.03	0.35	12	0.5	19000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	15	20	20
156	1100	0.17	1.58	57	1	488	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	20	10	10
230	653	0.1	0.82	37	0.5	603	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange/ grey	B	25	15	20
154	865	0.18	0.005	1	0.5	5800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	30	20	20
49	288	0.005	0.005	0.5	0.5	677	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	20
31	1800	0.09	0.005	2	0.5	5400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	20
289	594	0.09	0.005	1	0.5	900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	5	20	20
84	884	0.005	0.87	7	0.5	1700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	6	20	10
338	2400	0.19	2.37	12	2	539	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange / brown	B	10	20	30
353	2400	0.03	3.89	12	2	653	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange / brown	B	10	20	30
86	190	0.005	0.005	0.5	0.5	189	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	18	20	20
178	1600	0.005	0.02	2	0.5	4500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	18	20	20
182	419	0.005	0.09	0.5	0.5	2400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	20	20	30
112	171	0.005	0.17	0.5	0.5	2000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	20	20	10
228	348	0.005	0.08	1	0.5	641	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	22	20	10
208	1100	0.005	0.23	1	0.5	3900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	15	20	20
110	1200	0.005	0.28	2	0.5	4800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	10	20	30
95	333	0.005	0.67	2	0.5	2100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	10	20	20
107	1600	0.005	0.15	1	0.5	3200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	14	20	20

Appendix Two

NI	Pb	Pt	Pd	Sb	Tl	Zn	SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Colour	Soil Profile	Slope Angle	Sample Depth	Organic Content %
ICB/37																			
127	623	0.005	0.005	1	0.5	4200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	15	20	30
109	979	0.005	0.18	0.5	0.5	2600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	4	20	20
203	1400	0.005	0.005	1	0.5	2400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/ grey	B	5	20	20
684	1100	0.04	1.48	7	0.5	2200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	6	20	20
254	1100	0.005	0.1	1	0.5	2200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	8	20	20
465	2200	0.005	2.32	37	0.5	1600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange / brown	B	10	15	15
211	1600	0.005	0.53	5	0.5	2100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	8	25	80
139	441	0.005	0.13	1	0.5	338	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	10	20	10
123	672	0.03	0.005	0.5	0.5	2100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	12	20	20
159	1100	0.005	0.09	12	0.5	3900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/orange	B	20	20	10
100	805	0.005	0.32	1	0.5	2600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	22	20	10
116	2200	0.005	0.11	0.5	0.5	1600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	22	20	20
77	987	0.005	0.19	2	0.5	3100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B		20	60
62	1600	0.04	0.005	2	0.5	4700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	17	30	80
61	562	0.06	0.005	0.5	0.5	1400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	25	20	20
32	833	0.005	0.005	2	0.5	1500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	20	25	60
72	1600	0.005	0.21	1	0.5	2000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	20
28	460	0.005	0.005	1	0.5	412	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	25	30
24	324	0.005	0.005	0.5	0.5	325	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	30
109	591	0.005	0.005	0.5	0.5	582	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	2	20	20
312	687	0.13	0.04	0.5	0.5	1500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	2	20	20
170	1900	0.15	0.005	0.5	0.5	2700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	12	20	20
299	957	0.08	0.005	0.5	0.5	3500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	20	20	20
210	1900	0.005	0.005	0.5	0.5	3600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	23	20	20
450	566	0.16	0.005	0.5	0.5	1400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	22	20	20
514	598	0.01	0.005	0.5	0.5	1600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	20
62	398	0.005	0.005	0.5	0.5	1600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	3	20	20
235	967	0.005	0.005	0.5	0.5	2600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	20
73	938	0.005	0.005	0.5	0.5	2200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey/brown	B	10	15	20
86	482	0.005	0.005	0.5	0.5	2200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	6	15	10
101	462	0.005	2.36	31	0.5	1700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	8	15	10
138	970	0.005	0.005	0.5	0.5	3200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	15	20	20
50	1900	0.005	0.005	0.5	0.5	4600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	10	20	30
65	284	0.005	0.005	0.5	0.5	4600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	12	20	10
67	2000	0.005	0.005	0.5	0.5	1700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	20
312	985	0.005	0.005	0.5	0.5	4300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	20
120	297	0.02	0.005	0.5	0.5	1900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B		20	10
100	370	0.005	0.005	0.5	0.5	732	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B		20	10
212	467	0.005	0.005	0.5	0.5	10500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	20
232	1200	0.005	0.005	0.5	0.5	1700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	10	20	20
112	1100	0.005	0.005	0.5	0.5	2900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	12	20	30
227	1500	0.23	0.005	0.5	0.5	4600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	15	20	20
38	292	0.005	0.005	0.5	0.5	2100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	10	20	10
71	692	0.005	0.005	0.5	0.5	2800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	3	20	30
210	1300	0.005	2.33	24	0.5	1900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	19	15	10
163	573	0.005	0.005	0.5	0.5	844	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	20	15	10
391	872	0.005	0.005	0.5	0.5	2200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	20	20	10
1100	124	0.05	0.005	0.5	0.5	1100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	20	20	10
830	1200	0.03	0.25	2	0.5	1900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	2	15	10
219	1400	0.18	0.005	1	0.5	3700	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	10		80

200070

Appendix Two

Ni ppb IC8/37	Pb ppb IC8/37	Pt ppb IC8/37	Pd ppb IC8/37	Sb ppb IC8/37	Ti ppb IC8/37	Zn ppb IC8/37	SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Colour	Soil Profile	Slope Angle	Sample Depth	Organic Content %
434	1300	0.02	1.36	5	1	1400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	12	10	10
81	1000	0.005	0.98	25	0.5	799	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange / grey	B	8	10	5
285	578	0.06	0.24	0.5	0.5	905	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	2	10	10
475	14500	0.27	5.77	23	0.5	2500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	8	10	5
370	2700	0.33	8.22	9	0.5	1100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	35	15	10
138	378	0.005	1.29	8	0.5	934	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	20	15	5
109	3500	0.09	1.42	16	1	1600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	12	10	5
176	1300	0.005	0.18	1	0.5	4500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	4	20	10
144	2400	0.005	0.16	7	0.5	1800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	12	20	20
267	6500	0.23	1.85	65	0.5	1300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown/ Orange	B	14	20	20
754	1500	0.04	0.82	10	0.5	2300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	22	20	30
629	1700	0.03	0.82	9	0.5	2800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	22	20	30
256	1400	0.005	0.43	12	0.5	1400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Orange	B	30	20	15
394	999	0.005	0.005	2	0.5	2800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	34	20	40
1500	1500	0.005	0.005	3	0.5	3600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	25	20	30
232	464	0.01	0.3	0.5	0.5	378	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	8	20	20
160	228	0.005	0.15	0.5	0.5	503	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	12	20	20
122	344	0.005	0.05	0.5	0.5	572	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	15	20	30
71	229	0.07	0.06	0.5	0.5	548	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	18	20	20
127	795	0.005	0.15	2	0.5	2000	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	32	20	20
121	532	0.005	0.005	1	0.5	2200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	35	25	40
392	756	0.27	0.005	1	0.5	1400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	32	20	40
122	1200	0.005	0.005	2	0.5	1300	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	30	40
93	1600	0.005	0.005	1	0.5	3600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	30	40
109	1600	0.005	0.11	2	0.5	1500	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Light brown	B	20	30	30
318	622	0.005	0.13	2	0.5	1600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	20	20	20
55	906	0.005	0.1	0.5	1	1200	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	8	20	20
137	248	0.005	0.005	0.5	0.5	684	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	10	20	20
107	178	0.07	0.04	0.5	0.5	558	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	10	20	20
238	314	0.005	0.04	1	0.5	661	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	6	20	10
49	1000	0.005	0.005	0.5	0.5	2100	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	20	20	20
142	507	0.005	0.005	0.5	0.5	1800	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	8	20	20
76	375	0.01	0.005	0.5	0.5	4400	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	10	20	30
195	751	0.005	0.005	0.5	0.5	1600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	25	20	20
239	990	0.07	0.15	1	0.5	1900	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	18	20	30
85	403	0.005	0.3	0.5	0.5	776	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Grey	B	10	20	20
108	1700	0.005	0.1	0.5	0.5	1600	2342	Tullabardine	Bulgobac Hill	37/89	55	AGD66	Amdel	8AD1507	Brown	B	2	20	20
1	1	0.01	0.01	1	1	1													

Appendix Two

Date Sampled	Sampled By	Company	Comments
15/04/98	PC/AC/CA	Pasminco	Lake edge, Bara bush
15/04/98	PC/AC/CA	Pasminco	Bara scrub
15/04/98	PC/AC/CA	Pasminco	Bara scrub
15/04/98	PC/AC/CA	Pasminco	Thick Bara scrub
15/04/98	PC/AC/CA	Pasminco	Bara scrub
15/04/98	PC/AC/CA	Pasminco	Thick Bara scrub
15/04/98	PC/AC/CA	Pasminco	Bara scrub
15/04/98	PC/AC/CA	Pasminco	Dense bush
15/04/98	PC/AC/CA	Pasminco	Bed rock at 20cm, Thick scrub
15/04/98	PC/AC/CA	Pasminco	Old grid line 5m east of peg or cross line n/south, Thick bush
15/04/98	PC/AC/CA	Pasminco	Rock outcrop/ Open area of bush
15/04/98	PC/AC/CA	Pasminco	Light bush
15/04/98	PC/AC/CA	Pasminco	Open scrub/ Light bush
15/04/98	PC/AC/CA	Pasminco	Open area, Thick timber
15/04/98	PC/AC/CA	Pasminco	Rain forest, Man ferns
15/04/98	PC/AC/CA	Pasminco	5m East of creek
15/04/98	PC/AC/CA	Pasminco	Light bush
15/04/98	PC/AC/CA	Pasminco	Light bush, Man ferns
15/04/98	PC/AC/CA	Pasminco	Light bush
15/04/98	PC/AC/CA	Pasminco	Open forest
15/04/98	PC/AC/CA	Pasminco	Open scrub/ Very steep, End of line
15/04/98	PC/AC/CA	Pasminco	Thick Horizontal scrub, Heading east towards lake
15/04/98	PC/AC/CA	Pasminco	Horizontal scrub
15/04/98	PC/AC/CA	Pasminco	Horizontal scrub
15/04/98	PC/AC/CA	Pasminco	Light scrub
15/04/98	PC/AC/CA	Pasminco	Light scrub
15/04/98	PC/AC/CA	Pasminco	Open area of bush
15/04/98	PC/AC/CA	Pasminco	Thick scrub
15/04/98	PC/AC/CA	Pasminco	Side of cliff face
15/04/98	PC/AC/CA	Pasminco	
15/04/98	PC/AC/CA	Pasminco	
15/04/98	PC/AC/CA	Pasminco	Sample taken 4m east of peg, Tea Tree scrub
15/04/98	PC/AC/CA	Pasminco	Thick Tea Tree
15/04/98	PC/AC/CA	Pasminco	
15/04/98	PC/AC/CA	Pasminco	Thick bara/ Cutting grass
15/04/98	PC/AC/CA	Pasminco	Sample taken 2m east of peg
15/04/98	PC/AC/CA	Pasminco	
15/04/98	PC/AC/CA	Pasminco	Tea Tree scrub
15/04/98	PC/AC/CA	Pasminco	Near Waterfall/ Man ferns
15/04/98	PC/AC/CA	Pasminco	Near base of Waterfall, a lot of rock
15/04/98	PC/AC/CA	Pasminco	End of line, Sample taken 15m south of peg/ Last peg in water
15/04/98	PC/AC/CA	Pasminco	Start of sampling
16/04/98	PC/AC/CA	Pasminco	Sample taken 3m east of peg, Light bush on small island
16/04/98	PC/AC/CA	Pasminco	Peg 575+550E in lake
16/04/98	PC/AC/CA	Pasminco	Thick Tea Tree (swamp)
16/04/98	PC/AC/CA	Pasminco	Tea Tree scrub, Wet sample
16/04/98	PC/AC/CA	Pasminco	Tea Tree scrub
16/04/98	PC/AC/CA	Pasminco	Tea Tree, Very wet/ Cannot sieve
16/04/98	PC/AC/CA	Pasminco	Tea Tree, Cutting grass

Appendix Two

Date Sampled	Sampled By	Company	Comments
16/04/98	PC/AC/CA	Pasminco	Wet sample, Water lying on ground
16/04/98	PC/AC/CA	Pasminco	Horizontal scrub (swamp)
16/04/98	PC/AC/CA	Pasminco	Horizontal scrub
16/04/98	PC/AC/CA	Pasminco	Near creek, Cutting grass open area
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	Thick scrub
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	Dry sample, Thick scrub
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	Side of hill
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	Near creek
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	Sample taken 2m east of peg
16/04/98	PC/AC/CA	Pasminco	Side of bank thick scrub, Cutting grass
16/04/98	PC/AC/CA	Pasminco	Sample taken 3m west of peg
16/04/98	PC/AC/CA	Pasminco	Sample taken 10 m east of river
16/04/98	PC/AC/CA	Pasminco	Horizontal scrub
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	Horizontal scrub
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	Horizontal scrub
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	Large Tea Tree scrub
16/04/98	PC/AC/CA	Pasminco	
16/04/98	PC/AC/CA	Pasminco	Bara scrub, Large Tea Tree
16/04/98	PC/AC/CA	Pasminco	Bara scrub, End of line
17/04/98	PC/AC/CA	Pasminco	Start of sampling haeding east, Tea Tree scrub/ Light soil
17/04/98	PC/AC/CA	Pasminco	Sample taken 5m west of peg Tea Tree scrub
17/04/98	PC/AC/CA	Pasminco	Sample taken in side of bank 10m east of inlet
17/04/98	PC/AC/CA	Pasminco	Sample No 389800E not taken peg in lake bed
17/04/98	PC/AC/CA	Pasminco	Sample taken 4m west of peg on side of bank, Light scrub fine dirt
17/04/98	PC/AC/CA	Pasminco	Sample taken 10m east of peg (light bush)
17/04/98	PC/AC/CA	Pasminco	
17/04/98	PC/AC/CA	Pasminco	Tea Tree scrub
17/04/98	PC/AC/CA	Pasminco	Tea Tree scrub
17/04/98	PC/AC/CA	Pasminco	Tea Tree scrub
17/04/98	PC/AC/CA	Pasminco	Start of button grass plain (Water at 20cm)
17/04/98	PC/AC/CA	Pasminco	Button grass (Water at 20cm)
17/04/98	PC/AC/CA	Pasminco	Button grass plain
17/04/98	PC/AC/CA	Pasminco	Button grass

Appendix Two

Date Sampled	Sampled By	Company	Comments
17/04/98	PC/AC/CA	Pasminco	Button grass, Tea Tree and a bit of rock
17/04/98	PC/AC/CA	Pasminco	button grass Tea Tree, Water at 15cm
17/04/98	PC/AC/CA	Pasminco	Thick Tea Tree scrub
17/04/98	PC/AC/CA	Pasminco	Tea Tree scrub
17/04/98	PC/AC/CA	Pasminco	Tea Tree scrub
17/04/98	PC/AC/CA	Pasminco	Tea Tree scrub
17/04/98	PC/AC/CA	Pasminco	Duplicate sample
17/04/98	PC/AC/CA	Pasminco	Light scrub
17/04/98	PC/AC/CA	Pasminco	Old logging area? Light scrub
17/04/98	PC/AC/CA	Pasminco	Light scrub
17/04/98	PC/AC/CA	Pasminco	Light scrub
17/04/98	PC/AC/CA	Pasminco	Lake edge, Sample taken 3m west of peg End of line
20/04/98	PC/AC/CA	Pasminco	Start sampling at lake edge, Tea Tree scrub
20/04/98	PC/AC/CA	Pasminco	Tea Tree scrub
20/04/98	PC/AC/CA	Pasminco	Tea Tree scrub
20/04/98	PC/AC/CA	Pasminco	Button grass/Tea Tree open area, Wet sample cannot sieve
20/04/98	PC/AC/CA	Pasminco	Button grass, Tea Tree open area
20/04/98	PC/AC/CA	Pasminco	Button grass
20/04/98	PC/AC/CA	Pasminco	Button grass
20/04/98	PC/AC/CA	Pasminco	Tea Tree scrub
20/04/98	PC/AC/CA	Pasminco	Button grass
20/04/98	PC/AC/CA	Pasminco	Tea Tree scrub
20/04/98	PC/AC/CA	Pasminco	Tea Tree scrub
20/04/98	PC/AC/CA	Pasminco	Thick Horizontal scrub
20/04/98	PC/AC/CA	Pasminco	Thick Horizontal scrub
20/04/98	PC/AC/CA	Pasminco	Horizontal scrub (peg 5m west of creek)
20/04/98	PC/AC/CA	Pasminco	Horizontal scrub
20/04/98	PC/AC/CA	Pasminco	Horizontal forest
20/04/98	PC/AC/CA	Pasminco	Horizontal forest
20/04/98	PC/AC/CA	Pasminco	Horizontal forest
20/04/98	PC/AC/CA	Pasminco	Sample taken 3m east of peg (Cross line access to 6500N)
20/04/98	PC/AC/CA	Pasminco	Thick bush
20/04/98	PC/AC/CA	Pasminco	Duplicate sample
20/04/98	PC/AC/CA	Pasminco	Peg 2m west of creek, Rock at 10cm
20/04/98	PC/AC/CA	Pasminco	Horizontal forest
20/04/98	PC/AC/CA	Pasminco	Horizontal scrub/ Sampled 2m south of peg
20/04/98	PC/AC/CA	Pasminco	Thick scrub
20/04/98	PC/AC/CA	Pasminco	Peg 8m east of creek
20/04/98	PC/AC/CA	Pasminco	Sample taken 5m west of peg
20/04/98	PC/AC/CA	Pasminco	Horizontal scrub
20/04/98	PC/AC/CA	Pasminco	Horizontal scrub (Fine rock)
20/04/98	PC/AC/CA	Pasminco	Horizontal scrub
20/04/98	PC/AC/CA	Pasminco	Thick horizontal scrub
20/04/98	PC/AC/CA	Pasminco	Thick horizontal forest
20/04/98	PC/AC/CA	Pasminco	Thick horizontal scrub
20/04/98	PC/AC/CA	Pasminco	Thick horizontal scrub
20/04/98	PC/AC/CA	Pasminco	Horizontal bush
20/04/98	PC/AC/CA	Pasminco	Horizontal scrub
20/04/98	PC/AC/CA	Pasminco	Horizontal scrub
20/04/98	PC/AC/CA	Pasminco	Horizontal scrub

Appendix Two

Date Sampled	Sampled By	Company	Comments
21/04/98	PCIAC/CA	Pasminco	Horizontal scrub
21/04/98	PCIAC/CA	Pasminco	Horizontal scrub, Very thick
21/04/98	PCIAC/CA	Pasminco	Horizontal forest
21/04/98	PCIAC/CA	Pasminco	Horizontal bush
21/04/98	PCIAC/CA	Pasminco	Horizontal scrub
21/04/98	PCIAC/CA	Pasminco	Horizontal bush
21/04/98	PCIAC/CA	Pasminco	Horizontal forest
21/04/98	PCIAC/CA	Pasminco	Light horizontal scrub
21/04/98	PCIAC/CA	Pasminco	Sample taken 5m east of creek
21/04/98	PCIAC/CA	Pasminco	Thick with large man ferns
21/04/98	PCIAC/CA	Pasminco	Duplicate sample
21/04/98	PCIAC/CA	Pasminco	Light horizontal forest
21/04/98	PCIAC/CA	Pasminco	Fine dirt, a little clay (Light horizontal)
21/04/98	PCIAC/CA	Pasminco	Sample taken 5m west of peg, Horizontal scrub
21/04/98	PCIAC/CA	Pasminco	Thick scrub near rock outcrop
21/04/98	PCIAC/CA	Pasminco	Open area base of rock outcrop
21/04/98	PCIAC/CA	Pasminco	Thick bush
21/04/98	PCIAC/CA	Pasminco	Thick scrub
21/04/98	PCIAC/CA	Pasminco	Bottom of rock face
21/04/98	PCIAC/CA	Pasminco	4m east of river
21/04/98	PCIAC/CA	Pasminco	At the edge of the horizontal forest
21/04/98	PCIAC/CA	Pasminco	Horizontal scrub
21/04/98	PCIAC/CA	Pasminco	Horizontal scrub
21/04/98	PCIAC/CA	Pasminco	Barra, Cutting grass
21/04/98	PCIAC/CA	Pasminco	Thick barra
21/04/98	PCIAC/CA	Pasminco	Thick barra
21/04/98	PCIAC/CA	Pasminco	Barra scrub
21/04/98	PCIAC/CA	Pasminco	Barra scrub
21/04/98	PCIAC/CA	Pasminco	Barra scrub, End of line
22/04/98	PCIAC/CA	Pasminco	Horizontal scrub
22/04/98	PCIAC/CA	Pasminco	Barra bush
22/04/98	PCIAC/CA	Pasminco	Barra bush
22/04/98	PCIAC/CA	Pasminco	Barra bush
22/04/98	PCIAC/CA	Pasminco	Horizontal scrub
22/04/98	PCIAC/CA	Pasminco	Light horizontal scrub
22/04/98	PCIAC/CA	Pasminco	Horizontal scrub
22/04/98	PCIAC/CA	Pasminco	2m from creek, Horizontal scrub
22/04/98	PCIAC/CA	Pasminco	Sample taken 4m east of peg
22/04/98	PCIAC/CA	Pasminco	Horizontal scrub
22/04/98	PCIAC/CA	Pasminco	Light horizontal scrub
22/04/98	PCIAC/CA	Pasminco	Horizontal scrub
22/04/98	PCIAC/CA	Pasminco	Sample taken 4m west of peg
22/04/98	PCIAC/CA	Pasminco	Light horizontal scrub
22/04/98	PCIAC/CA	Pasminco	Light horizontal scrub
22/04/98	PCIAC/CA	Pasminco	Sample taken 4m east of peg, 10m from creek, Horizontal scrub
22/04/98	PCIAC/CA	Pasminco	Peg at cross line 6750N 2m east of creek Light horizontal
22/04/98	PCIAC/CA	Pasminco	Duplicate sample
22/04/98	PCIAC/CA	Pasminco	Horizontal scrub
22/04/98	PCIAC/CA	Pasminco	Light horizontal scrub
22/04/98	PCIAC/CA	Pasminco	Horizontal scrub

200075

Appendix Two

Date Sampled	Sampled By	Company	Comments
22/04/98	PCI/AC/CA	Pasminco	Horizontal scrub, Access line 10m east of peg(Access to line 5366750N)
22/04/98	PCI/AC/CA	Pasminco	Horizontal scrub
22/04/98	PCI/AC/CA	Pasminco	Horizontal scrub
22/04/98	PCI/AC/CA	Pasminco	Horizontal scrub
22/04/98	PCI/AC/CA	Pasminco	Horizontal scrub
22/04/98	PCI/AC/CA	Pasminco	Horizontal scrub
22/04/98	PCI/AC/CA	Pasminco	Horizontal scrub
22/04/98	PCI/AC/CA	Pasminco	Near creek Light scrub
22/04/98	PCI/AC/CA	Pasminco	Dense bush
22/04/98	PCI/AC/CA	Pasminco	Sample taken 10m east of creek, Open area, Tree ferns
22/04/98	PCI/AC/CA	Pasminco	Thick bush
22/04/98	PCI/AC/CA	Pasminco	Dense bush
22/04/98	PCI/AC/CA	Pasminco	Open area, small ferns
22/04/98	PCI/AC/CA	Pasminco	Man ferns, Light bush
22/04/98	PCI/AC/CA	Pasminco	Man ferns/Cutting grass
22/04/98	PCI/AC/CA	Pasminco	Large man ferns
22/04/98	PCI/AC/CA	Pasminco	Man ferns, Thick bush
22/04/98	PCI/AC/CA	Pasminco	Thick scrub
22/04/98	PCI/AC/CA	Pasminco	Thick scrub
22/04/98	PCI/AC/CA	Pasminco	Small open area, Man ferns, Light bush
22/04/98	PCI/AC/CA	Pasminco	14m West of lake edge, Light bush
22/04/98	PCI/AC/CA	Pasminco	Sample taken 3m east of peg, 10m from creek inlet to lake
22/04/98	PCI/AC/CA	Pasminco	12m North of lake
22/04/98	PCI/AC/CA	Pasminco	25m North of lake edge, Open area
22/04/98	PCI/AC/CA	Pasminco	Duplicate sample
22/04/98	PCI/AC/CA	Pasminco	Thin bush, Ferns, Cutting grass
22/04/98	PCI/AC/CA	Pasminco	20m North of lake edge, Man ferns (Rock in sample)
22/04/98	PCI/AC/CA	Pasminco	Peg 15m from lake edge, Light bush
22/04/98	PCI/AC/CA	Pasminco	Thin bush
22/04/98	PCI/AC/CA	Pasminco	Light bush
22/04/98	PCI/AC/CA	Pasminco	Sample taken 3m west of peg, Light bush
22/04/98	PCI/AC/CA	Pasminco	Thin bush, Man ferns
22/04/98	PCI/AC/CA	Pasminco	Thin bush
22/04/98	PCI/AC/CA	Pasminco	20m West of lake edge, End of line
28/04/98	PCI/AC/CA	Pasminco	Start of line, Dense bush
28/04/98	PCI/AC/CA	Pasminco	Dense bush, Some ferns
28/04/98	PCI/AC/CA	Pasminco	Dense bush, Very steep, Heading west
28/04/98	PCI/AC/CA	Pasminco	light scrub
28/04/98	PCI/AC/CA	Pasminco	Light bush, Moss covered ground
28/04/98	PCI/AC/CA	Pasminco	Dense bush
28/04/98	PCI/AC/CA	Pasminco	Dense bush, Moss covered ground some rock in sample
28/04/98	PCI/AC/CA	Pasminco	Dense bush, Ferns, Small timber
28/04/98	PCI/AC/CA	Pasminco	Dense bush, Man ferns, Moss on ground
28/04/98	PCI/AC/CA	Pasminco	Dense bush, Man ferns
28/04/98	PCI/AC/CA	Pasminco	Light bush, Ferns, Clear area
28/04/98	PCI/AC/CA	Pasminco	Light bush, Man ferns
28/04/98	PCI/AC/CA	Pasminco	Dense bush
28/04/98	PCI/AC/CA	Pasminco	Dense bush, Thin timber
28/04/98	PCI/AC/CA	Pasminco	Dense bush
28/04/98	PCI/AC/CA	Pasminco	Dense bush, Lots of man ferns, 10m East of creek cross line to 6500N
28/04/98	PCI/AC/CA	Pasminco	Large man ferns, Moss on the ground, Sample taken 3m west of creek

200076

Appendix Two

Date Sampled	Sampled By	Company	Comments
28/04/98	PCIAC/CA	Pasminco	Sample taken 5m west of creek, Light bush, Man ferns
28/04/98	PCIAC/CA	Pasminco	Duplicate sample
28/04/98	PCIAC/CA	Pasminco	Start of horizontal forest
28/04/98	PCIAC/CA	Pasminco	Horizontal scrub, Light covering of moss on the ground
28/04/98	PCIAC/CA	Pasminco	Dense bush, Man ferns
28/04/98	PCIAC/CA	Pasminco	Small timber, a Lot of man ferns, Moss on the ground
28/04/98	PCIAC/CA	Pasminco	Open area a lot of man ferns
28/04/98	PCIAC/CA	Pasminco	Open area a lot of man ferns
28/04/98	PCIAC/CA	Pasminco	Open area a lot of ferns
28/04/98	PCIAC/CA	Pasminco	Some large timber, Fern trees
28/04/98	PCIAC/CA	Pasminco	A lot of ferns, Light bush
28/04/98	PCIAC/CA	Pasminco	Light bush, Man ferns
28/04/98	PCIAC/CA	Pasminco	Light bush, Man ferns
28/04/98	PCIAC/CA	Pasminco	Light bush, Ferns
28/04/98	PCIAC/CA	Pasminco	Dense bush, Heading down hill
28/04/98	PCIAC/CA	Pasminco	Dense bush
28/04/98	PCIAC/CA	Pasminco	Dense scrub, Man ferns
28/04/98	PCIAC/CA	Pasminco	Open area, 10m East of creek cross line to537000N
28/04/98	PCIAC/CA	Pasminco	20m West of creek, Dense bush, Very steep
28/04/98	PCIAC/CA	Pasminco	Lots of veg. Contam. Start of horizontal forest, Top of the hill
28/04/98	PCIAC/CA	Pasminco	Horizontal bush, Moss on the ground
28/04/98	PCIAC/CA	Pasminco	Horizontal scrub
28/04/98	PCIAC/CA	Pasminco	Horizontal scrub
28/04/98	PCIAC/CA	Pasminco	Horizontal scrub
28/04/98	PCIAC/CA	Pasminco	Duplicate sample
28/04/98	PCIAC/CA	Pasminco	4m west of creek, Thick horizontal
28/04/98	PCIAC/CA	Pasminco	Thick horizontal scrub, Moss on the ground, End of line
29/04/98	PCIAC/CA	Pasminco	Start of sampling heading west first sample taken 20m west of lake edge, Light bush, Ground covered in small ferns
29/04/98	PCIAC/CA	Pasminco	Light bush, small ferns
29/04/98	PCIAC/CA	Pasminco	Light bush, Ground covered in ferns
29/04/98	PCIAC/CA	Pasminco	Heading down into small creek, Large timber, Man ferns
29/04/98	PCIAC/CA	Pasminco	Open area, Man ferns, Sample taken 2m west of peg
29/04/98	PCIAC/CA	Pasminco	20cm of man fern roots before sample, 20m east of creek
29/04/98	PCIAC/CA	Pasminco	Sample taken in bank 1.5m west of creek, Open area, Large man ferns
29/04/98	PCIAC/CA	Pasminco	Very steep, Light bush, Moss on the ground 30cm of roots before sample
29/04/98	PCIAC/CA	Pasminco	Dense bush, Moss on the ground
29/04/98	PCIAC/CA	Pasminco	Horizontal scrub
29/04/98	PCIAC/CA	Pasminco	Horizontal scrub
29/04/98	PCIAC/CA	Pasminco	Horizontal scrub
29/04/98	PCIAC/CA	Pasminco	Horizontal scrub, Moss on the ground
29/04/98	PCIAC/CA	Pasminco	Horizontal scrub, Moss on the ground
29/04/98	PCIAC/CA	Pasminco	Dense scrub, Horizontal
29/04/98	PCIAC/CA	Pasminco	Horizontal scrub
29/04/98	PCIAC/CA	Pasminco	Dense bush, Man ferns
29/04/98	PCIAC/CA	Pasminco	Dense bush, Large man ferns
29/04/98	PCIAC/CA	Pasminco	Duplicate sample
29/04/98	PCIAC/CA	Pasminco	Light bush, Large man ferns
29/04/98	PCIAC/CA	Pasminco	Open area, Large man ferns
29/04/98	PCIAC/CA	Pasminco	Light bush, Man ferns
29/04/98	PCIAC/CA	Pasminco	Rock in sample, Large man ferns

Appendix Two

Date Sampled	Sampled By	Company	Comments
29/04/98	PC/AC/CA	Pasminco	Horizontal scrub, 1m west of dried up creek bed
29/04/98	PC/AC/CA	Pasminco	Dense bush, Horizontal scrub, 3m east of creek
29/04/98	PC/AC/CA	Pasminco	Dense scrub, Horizontal, Cross line to 5386750N
29/04/98	PC/AC/CA	Pasminco	Horizontal scrub, Moss covering the ground
29/04/98	PC/AC/CA	Pasminco	Horizontal scrub, Moss covering the ground
29/04/98	PC/AC/CA	Pasminco	Thick horizontal scrub
29/04/98	PC/AC/CA	Pasminco	Thick horizontal
29/04/98	PC/AC/CA	Pasminco	Horizontal scrub, Cross line to 5387250N
29/04/98	PC/AC/CA	Pasminco	Horizontal scrub
29/04/98	PC/AC/CA	Pasminco	Horizontal scrub
29/04/98	PC/AC/CA	Pasminco	Horizontal scrub
29/04/98	PC/AC/CA	Pasminco	Dense bush, Horizontal scrub
29/04/98	PC/AC/CA	Pasminco	Sample taken 3m west of peg, Horizontal scrub, Dried up creek bed
29/04/98	PC/AC/CA	Pasminco	Horizontal scrub, Dense bush
29/04/98	PC/AC/CA	Pasminco	horizontal scrub, Very boggy
29/04/98	PC/AC/CA	Pasminco	Horizontal, Swampy
29/04/98	PC/AC/CA	Pasminco	Duplicate sample
29/04/98	PC/AC/CA	Pasminco	horizontal scrub
29/04/98	PC/AC/CA	Pasminco	Horizontal scrub, Dense bush
29/04/98	PC/AC/CA	Pasminco	Open area, Moss covering the ground, Swampy very wet sample
29/04/98	PC/AC/CA	Pasminco	Dense scrub, End of line
1/05/98	PC/AC/CA	Pasminco	Start of line, 40m west of lake edge, Open area, Ground cover of ferns
1/05/98	PC/AC/CA	Pasminco	Open area of light bush, Ground cover of ferns
1/05/98	PC/AC/CA	Pasminco	Light bush, Ground cover of ferns and moss.
1/05/98	PC/AC/CA	Pasminco	Ground covered with small ferns. Some large man ferns.
1/05/98	PC/AC/CA	Pasminco	Large timber, Ground covering of ferns
1/05/98	PC/AC/CA	Pasminco	Large timber / man ferns
1/05/98	PC/AC/CA	Pasminco	Sample taken 1.5m east of small creek. Large man ferns.
1/05/98	PC/AC/CA	Pasminco	Open area, Ground cover of small ferns.
1/05/98	PC/AC/CA	Pasminco	Burnt out open area, 10cm of moss on ground, new regrowth of gum.
1/05/98	PC/AC/CA	Pasminco	Some large timber, man ferns.
1/05/98	PC/AC/CA	Pasminco	2m east of creek, Large man ferns.
1/05/98	PC/AC/CA	Pasminco	3m east of creek/ large man ferns
1/05/98	PC/AC/CA	Pasminco	On side of a very steep slope full of ferns.
1/05/98	PC/AC/CA	Pasminco	Dense bush
1/05/98	PC/AC/CA	Pasminco	Dense bush
1/05/98	PC/AC/CA	Pasminco	Dense bush
1/05/98	PC/AC/CA	Pasminco	Duplicate sample
1/05/98	PC/AC/CA	Pasminco	Horizontal bush
1/05/98	PC/AC/CA	Pasminco	Horizontal bush
1/05/98	PC/AC/CA	Pasminco	Horizontal bush
1/05/98	PC/AC/CA	Pasminco	Horizontal scrub
1/05/98	PC/AC/CA	Pasminco	Horizontal scrub
1/05/98	PC/AC/CA	Pasminco	Horizontal scrub
1/05/98	PC/AC/CA	Pasminco	Horizontal scrub
1/05/98	PC/AC/CA	Pasminco	Horizontal scrub/ sampled 5m west of peg
1/05/98	PC/AC/CA	Pasminco	Thick horizontal scrub
1/05/98	PC/AC/CA	Pasminco	Horizontal scrub, 5m east of creek
1/05/98	PC/AC/CA	Pasminco	Horizontal scrub
1/05/98	PC/AC/CA	Pasminco	Horizontal scrub
1/05/98	PC/AC/CA	Pasminco	Horizontal scrub/ dense bush

200078

Appendix Two

Date Sampled	Sampled By	Company	Comments
1/05/98	PC/AC/CA	Pasminco	Horizontal scrub
1/05/98	PC/AC/CA	Pasminco	Horizontal scrub
1/05/98	PC/AC/CA	Pasminco	Horizontal scrub
1/05/98	PC/AC/CA	Pasminco	Horizontal scrub
1/05/98	PC/AC/CA	Pasminco	Horizontal scrub
1/05/98	PC/AC/CA	Pasminco	Horizontal / man ferns
1/05/98	PC/AC/CA	Pasminco	Horizontal scrub / man ferns. End of line to west.
4/05/98	PC/AC/CA	Pasminco	25m west of lake edge. Open area of bush (start of line).
4/05/98	PC/AC/CA	Pasminco	Light covering of bush; Moss on ground
4/05/98	PC/AC/CA	Pasminco	Open area / light bush / ground covered in small ferns.
4/05/98	PC/AC/CA	Pasminco	Open area of light bush, Ground cover of small ferns
4/05/98	PC/AC/CA	Pasminco	Dense bush
4/05/98	PC/AC/CA	Pasminco	Dense bush / ground cover of ferns and man ferns.
4/05/98	PC/AC/CA	Pasminco	Dense bush / ground cover of ferns.
4/05/98	PC/AC/CA	Pasminco	Dense bush / man ferns
4/05/98	PC/AC/CA	Pasminco	Patch of horizontal / man ferns
4/05/98	PC/AC/CA	Pasminco	Open area of bush/ ground cover of ferns and man ferns.
4/05/98	PC/AC/CA	Pasminco	Light bush; large man ferns
4/05/98	PC/AC/CA	Pasminco	Dense bush; Large man ferns
4/05/98	PC/AC/CA	Pasminco	Dense bush
4/05/98	PC/AC/CA	Pasminco	Horizontal scrub
4/05/98	PC/AC/CA	Pasminco	Horizontal scrub
4/05/98	PC/AC/CA	Pasminco	Dense bush
4/05/98	PC/AC/CA	Pasminco	Duplicate sample
4/05/98	PC/AC/CA	Pasminco	Dense bush / light horizontal
4/05/98	PC/AC/CA	Pasminco	Horizontal scrub
4/05/98	PC/AC/CA	Pasminco	Sample taken 6m east of peg, Horizontal scrub.
4/05/98	PC/AC/CA	Pasminco	Horizontal scrub
4/05/98	PC/AC/CA	Pasminco	Horizontal scrub
4/05/98	PC/AC/CA	Pasminco	Horizontal scrub; 12m east of creek
4/05/98	PC/AC/CA	Pasminco	Dense bush
4/05/98	PC/AC/CA	Pasminco	Dense bush / man ferns; 2m east of creek; sample taken 3m west of peg.
4/05/98	PC/AC/CA	Pasminco	Dense bush
4/05/98	PC/AC/CA	Pasminco	Some horizontal / dense scrub
4/05/98	PC/AC/CA	Pasminco	Dense bush / light horizontal
4/05/98	PC/AC/CA	Pasminco	Dense bush / light horizontal / Thick moss on ground.
4/05/98	PC/AC/CA	Pasminco	Horizontal scrub.
4/05/98	PC/AC/CA	Pasminco	Thick horizontal scrub, Sampled 2.5m east of peg.
4/05/98	PC/AC/CA	Pasminco	Thick horizontal scrub. Sampled 2.5m east of peg.
4/05/98	PC/AC/CA	Pasminco	Duplicate sample
4/05/98	PC/AC/CA	Pasminco	Horizontal scrub
4/05/98	PC/AC/CA	Pasminco	Horizontal scrub
4/05/98	PC/AC/CA	Pasminco	Horizontal scrub
4/05/98	PC/AC/CA	Pasminco	Horizontal scrub
4/05/98	PC/AC/CA	Pasminco	Horizontal scrub
4/05/98	PC/AC/CA	Pasminco	Horizontal scrub
4/05/98	PC/AC/CA	Pasminco	Horizontal scrub
4/05/98	PC/AC/CA	Pasminco	Horizontal scrub
4/05/98	PC/AC/CA	Pasminco	Dense bush / horizontal
4/05/98	PC/AC/CA	Pasminco	3m west of creek, dense bush / horizontal scrub.
4/05/98	PC/AC/CA	Pasminco	Horizontal scrub; Last sample on this line in book number 166901

Appendix Two

Date Sampled	Sampled By	Company	Comments
4/05/98	PC/AC/CA	Pasminco	Horizontal scrub; end of line to west.
5/05/98	PC/AC/CA	Pasminco	20m west of lake edge; light bush, small ferns; start of line east to west.
5/05/98	PC/AC/CA	Pasminco	Dense bush / small ferns
5/05/98	PC/AC/CA	Pasminco	Dense bush
5/05/98	PC/AC/CA	Pasminco	Dense bush / light horizontal bush
5/05/98	PC/AC/CA	Pasminco	Dense bush; Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Sample taken 4 m west of peg, Horizontal scrub.
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Open area of bush; Ground covering of small ferns.
5/05/98	PC/AC/CA	Pasminco	Light horizontal scrub; small ferns.
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Light bush / some horizontal
5/05/98	PC/AC/CA	Pasminco	Dense bush / horizontal scrub. Very hard to take a sample; area is like a sponge.
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub.
5/05/98	PC/AC/CA	Pasminco	Dense bush; Light horizontal scrub; Sample taken 3m west of peg.
5/05/98	PC/AC/CA	Pasminco	Thick horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Duplicate sample
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Thick horizontal scrub; 5m east of dried up creek
5/05/98	PC/AC/CA	Pasminco	Dense bush / light horizontal
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Horizontal
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Thick horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Duplicate sample
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Horizontal
5/05/98	PC/AC/CA	Pasminco	Dense bush/ light horizontal
5/05/98	PC/AC/CA	Pasminco	Horizontal scrub
5/05/98	PC/AC/CA	Pasminco	Dense bush / cutting grass; End of line to west.
5/05/98	PC/AC/CA	Pasminco	Start of line, 50m west of lake edge, open area of bush; ground cover of ferns.
5/05/98	PC/AC/CA	Pasminco	Open forest; ground cover of ferns and moss.
5/05/98	PC/AC/CA	Pasminco	Open forest; man ferns
5/05/98	PC/AC/CA	Pasminco	Open forest / ground cover of ferns
5/05/98	PC/AC/CA	Pasminco	Open forest / ferns
5/05/98	PC/AC/CA	Pasminco	Open forest / man ferns / 20cm of moss before sample

Appendix Two

Date Sampled	Sampled By	Company	Comments
5/05/98	PCI/AC/CA	Pasminco	Open forest / ground cover of ferns
5/05/98	PCI/AC/CA	Pasminco	Sample taken in small gully; open area; man ferns
5/05/98	PCI/AC/CA	Pasminco	Dense bush/ man ferns
5/05/98	PCI/AC/CA	Pasminco	1m west of creek, large man ferns
5/05/98	PCI/AC/CA	Pasminco	Open area; thick moss on ground
5/05/98	PCI/AC/CA	Pasminco	Dense bush, lots of ferns
5/05/98	PCI/AC/CA	Pasminco	2m west of creek (dried up); Open forest; large man ferns.
5/05/98	PCI/AC/CA	Pasminco	Open area, large man ferns
5/05/98	PCI/AC/CA	Pasminco	Large man ferns
5/05/98	PCI/AC/CA	Pasminco	Dense bush / large man ferns
5/05/98	PCI/AC/CA	Pasminco	Dense bush
5/05/98	PCI/AC/CA	Pasminco	Duplicate sample
5/05/98	PCI/AC/CA	Pasminco	Horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Thick horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Thick horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Dense bush/ horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Dense horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Dense bush; top of hill; cutting grass
5/05/98	PCI/AC/CA	Pasminco	Dense bush / horizontal
5/05/98	PCI/AC/CA	Pasminco	Dense bush / horizontal
5/05/98	PCI/AC/CA	Pasminco	Thick horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Thick horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Duplicate sample
5/05/98	PCI/AC/CA	Pasminco	Horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Thick horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Horizontal scrub
5/05/98	PCI/AC/CA	Pasminco	Horizontal scrub; 2m east of creek
5/05/98	PCI/AC/CA	Pasminco	Horizontal scrub; end of line to east

APPENDIX THREE

Tullabardine Grid - Rock Chip Sampling

Analytical Results

Appendix Three

Data Set	Sample Number	Sample Type	Sample Sub Type	UTM East	UTM North	Au ppm F051	Ag ppm M104	As ppm M104	Cu ppm M104	Pb ppm M104	Zn ppm M104	Fe ppm M104	Mn ppm M104	Mp ppm M104	Ni ppm M104	Co ppm M104	Ca ppm M104	Na ppm M104	K ppm M104	Mg ppm M104	P ppm M104	BI ppm M104	Gd ppm M104	Sb ppm M104	Rb ppm M104	Sr ppm M104	Ti ppm M104	SDS	Prospect	
Bulgobac Hill	164717	Rock Chip		388750	5386500	<0.001	0.2	9	28	<20	51	23119	475	1.4	29	10	10367	21660	35200	11835	618	0.4	0.7	1.3	253.02	293	0.7	1518	Tullabardine	
Bulgobac Hill	164718	Rock Chip		388725	5386500	0.007	0.1	11	26	<20	46	28844	658	1.8	46	15	14673	23920	36300	15980	823	0.3	0.3	1.5	264.38	392	0.7	1518	Tullabardine	
Bulgobac Hill	164719	Rock Chip		388525	5386500	<0.001	0.1	7	9	25	122	16498	364	0.8	<10	<5	6664	26175	11800	2765	186	0.2	0.6	0.7	86.85	282	<0.5	1518	Tullabardine	
Bulgobac Hill	164720	Rock Chip		388460	5386500	<0.001	0.1	6	6	<20	54	20976	494	1.4	<10	<5	2527	34049	17900	3455	217	0.2	0.5	0.6	101.44	296	<0.5	1518	Tullabardine	
Bulgobac Hill	164721	Rock Chip		388500	5386750	0.002	<0.1	2	<5	<20	12	14123	182	0.4	<10	<5	1649	22749	24700	2650	124	0.4	0.4	0.8	185.1	219	<0.5	1518	Tullabardine	
Bulgobac Hill	164722	Rock Chip		388775	5386750	<0.001	<0.1	17	9	20	28	19388	262	0.9	12	<5	587	15816	41800	7450	196	0.7	0.3	1.7	382.68	226	1	1518	Tullabardine	
Bulgobac Hill	164723	Rock Chip		388935	5386750	0.001	<0.1	18	11	25	27	22347	270	0.4	23	<5	445	7333	39900	7435	264	0.2	0.4	1.9	210.18	83	0.7	1518	Tullabardine	
Bulgobac Hill	164724	Rock Chip		389000	5386750	<0.001	0.1	12	<5	<20	31	21961	278	0.7	22	<5	922	20980	15600	9145	228	0.2	0.4	1.9	89.44	156	<0.5	1518	Tullabardine	
Bulgobac Hill	164725	Rock Chip		390275	5386050	0.002	0.002	0.1	11	42	40	145	50294	73	0.7	68	8	233	611	15800	13335	489	0.3	0.3	1	98.39	9	<0.5	1518	Tullabardine
Bulgobac Hill	164726	Rock Chip		389225	5386050	0.002	0.003	0.1	11	13	<20	51	30571	233	1	90	6	217	571	26100	17810	246	0.1	0.2	1.8	145.63	30	<0.5	1518	Tullabardine
Bulgobac Hill	164727	Rock Chip		389050	5386050	<0.001	0.1	4	18	<20	57	17277	119	<0.1	16	<5	2826	1962	27600	7016	119	0.2	0.7	0.9	192.89	24	0.6	1518	Tullabardine	
Bulgobac Hill	164728	Rock Chip		388990	5386050	<0.001	0.1	11	15	<20	32	25464	839	0.6	68	14	9412	2595	26700	12680	322	0.2	0.3	1.7	191.98	31	0.6	1518	Tullabardine	
Bulgobac Hill	164729	Rock Chip		388660	5386050	<0.001	<0.1	1	<5	<20	16	11900	95	0.7	<10	<5	218	8480	28000	2290	65	0.3	0.3	0.7	203.5	36	0.5	1518	Tullabardine	
Bulgobac Hill	164730	Rock Chip		389500	5386250	0.001	0.1	29	8	<20	6	10049	22	1.7	<10	<5	395	684	36300	3345	468	0.3	0.4	3.5	228.74	6	0.8	1518	Tullabardine	
Bulgobac Hill	164731	Rock Chip		398490	5386250	0.001	<0.1	22	6	<20	8	14949	41	0.6	22	<5	728	570	32500	5070	647	0.2	0.3	2.3	220.51	10	0.7	1518	Tullabardine	
Bulgobac Hill	164732	Rock Chip		389260	5386250	<0.001	<0.1	2	<5	<20	<5	4208	18	0.1	<10	<5	73	19510	16000	590	94	0.1	0.5	0.4	71.98	65	<0.5	1518	Tullabardine	
Bulgobac Hill	164733	Rock Chip		389235	5386250	<0.001	<0.1	6	7	<20	19	22477	201	<0.1	15	<5	366	15229	29500	4495	139	0.2	0.5	1	149.45	70	<0.5	1518	Tullabardine	
Bulgobac Hill	164734	Rock Chip		389125	5386250	<0.001	<0.1	4	<5	<20	26	29366	133	0.6	49	<5	193	2400	23200	12585	180	<0.1	0.3	0.6	123.47	21	<0.5	1518	Tullabardine	
Bulgobac Hill	164735	Rock Chip		389090	5386250	<0.001	0.1	11	9	<20	25	34434	100	0.7	33	<5	226	8434	26200	9905	241	0.2	0.5	2.6	166.9	45	<0.5	1518	Tullabardine	
Bulgobac Hill	164736	Rock Chip		388530	5386250	0.002	0.1	4	8	<20	41	16318	497	1	<10	<5	5105	26866	36200	3105	162	0.2	0.4	1	229.57	300	0.7	1518	Tullabardine	
Bulgobac Hill	164737	Rock Chip		388550	5386250	0.003	<0.1	3	8	<20	32	10249	199	0.2	<10	<5	1512	19602	39400	1710	124	0.1	0.3	0.8	223.04	222	0.7	1518	Tullabardine	
Bulgobac Hill	164738	Rock Chip		388665	5386250	0.001	<0.1	34	5	<20	12	11568	134	0.2	<10	<5	808	24523	25000	2450	99	0.4	0.3	0.7	151.03	153	<0.5	1518	Tullabardine	
Bulgobac Hill	164739	Rock Chip	Float	388685	5386250	<0.001	0.1	8	11	<20	36	29261	607	0.2	<10	8	14483	26995	32100	6680	410	0.1	0.3	1	166.68	320	0.6	1518	Tullabardine	
Bulgobac Hill	164740	Rock Chip		388680	5386250	<0.001	0.1	6	6	70	339	13491	943	0.3	<10	<5	3906	16604	33000	3200	108	0.2	1.7	1.2	234.22	94	0.6	1518	Tullabardine	
Bulgobac Hill	164741	Rock Chip		388715	5386250	<0.001	<0.1	4	17	<20	39	13333	86	0.7	<10	<5	201	10115	43000	2330	132	<0.1	0.6	1.2	198.64	56	0.8	1518	Tullabardine	
Bulgobac Hill	164742	Rock Chip		388765	5386250	0.001	0.2	19	10	25	34	25700	527	0.4	<10	<5	2810	6702	43500	7200	326	0.4	0.5	1.6	307.19	180	1.1	1518	Tullabardine	
Bulgobac Hill	164743	Rock Chip		388800	5386250	<0.001	<0.1	4	15	<20	38	25217	414	<0.1	31	12	15266	26087	32500	13045	547	0.2	0.3	0.9	227.71	316	0.8	1518	Tullabardine	
Bulgobac Hill	164744	Rock Chip	Float	389780	5386250	<0.001	0.1	100	13	40	69	250009	696	3.3	76	12	954	1904	9220	1045	1120	0.3	0.3	0.6	77.69	13	<0.5	1518	Tullabardine	
Bulgobac Hill	164745	Rock Chip	Float	389315	5386500	0.001	0.1	27	11	<20	59	37143	215	0.9	133	23	1867	2918	20700	25920	555	0.2	0.4	0.9	110.84	25	<0.5	1518	Tullabardine	
Bulgobac Hill	164746	Rock Chip		389740	5386500	<0.001	0.2	109	8	25	24	42020	4273	1.1	56	14	135	560	24500	2990	226	0.2	0.3	4.8	152.28	15	0.6	1518	Tullabardine	
Bulgobac Hill	164747	Rock Chip		390100	5386500	<0.001	<0.1	12	<5	<20	16	27440	337	0.3	<10	<5	227	17581	25500	2135	291	<0.1	0.2	0.5	143.77	52	0.6	1518	Tullabardine	
Bulgobac Hill	164748	Rock Chip		390065	5386500	0.002	0.2	8	89	<20	21	29278	1794	<0.1	38	25	22268	5650	21100	9185	849	0.2	0.3	1	128.82	54	0.5	1518	Tullabardine	
Bulgobac Hill	164749	Rock Chip		388660	5386750	0.001	<0.1	27	12	<20	33	37579	1590	0.7	118	25	918	689	14600	14315	705	0.2	0.2	0.6	90.35	14	<0.5	1518	Tullabardine	
Bulgobac Hill	164750	Rock Chip		396890	5386750	<0.001	<0.1	26	22	<20	61	34664	2452	<0.1	138	25	259	747	25100	8150	429	0.1	0.3	0.9	143.6	16	<0.5	1518	Tullabardine	
Bulgobac Hill	164751	Rock Chip	Float	398695	5386750	<0.001	0.1	7	<5	<20	30	25644	521	0.4	<10	7	775	8960	34400	5770	488	<0.1	0.5	1.6	187.49	37	0.7	1518	Tullabardine	
Bulgobac Hill	164752	Rock Chip		389715	5386750	<0.001	<0.1	6	6	<20	16	14163	251	0.6	<10	<5	270	2364	28900	3600	216	<0.1	0.5	1.6	160.3	13	0.6	1518	Tullabardine	
Bulgobac Hill	164753	Rock Chip		389735	5386750	<0.001	<0.1	3	38	<20	45	46373	904	0.6	25	18	48137	17745	21200	13530	786	<0.1	0.3	1.2	117.58	181	<0.5	1518	Tullabardine	
Bulgobac Hill	164754	Rock Chip		390550	5386750	0.001	0.2	15	70	25	417	66667	138	1.3	88	17	123	1036	29500	9375	544	0.5	0.5	1.8	180.96	8	0.6	1518	Tullabardine	
Bulgobac Hill	164755	Rock Chip	Float	389850	5387000	<0.001	<0.1	5	42	<20	90	61722	986	0.6	100	32	2852	25969	18900	33395	787	0.1	0.3	0.8	59.77	321	<0.5	1518	Tullabardine	
Bulgobac Hill	164756	Rock Chip		389940	5387000	<0.001	<0.1	12	22	<20	32	32624	1408	0.6	119	13	26505	1476	13400	30775	467	0.3	0.2	2	84.14	37	<0.5	1518	Tullabardine	
Bulgobac Hill	164757	Rock Chip		390120	5387000	0.001	0.002	<0.1	3	<5	<20	14	26860	1691	<0.1	<10	<5	24928	8860	35400	10145	712	<0.1	0.4	2.1	205.21	53	0.6	1518	Tullabardine
Bulgobac Hill	164758	Rock Chip		390160	5387000	<0.001	<0.1	2	<5	<20	18	30718	317	0.8	<10	<5	1101	6134	31500	7290	455	<0.1	0.4	1.8	174.58	16	0.5	1518	Tullabardine	
Bulgobac Hill	164759	Rock Chip		390140	5387000	<0.001	<0.1	14	6	<20	20	26657	1653	<0.1	94	16	33897	444	13600	21690	339	<0.1	0.1	0.7	83.13	55	<0.5	1518	Tullabardine	
Bulgobac Hill	164760	Rock Chip		390220	5387000	0.003	0.2	22	59	35	116	56982	107	0.2	94	20	516	542	21100	17625	922	0.4	0.3	2	133.74	20	<0.5	1518	Tullabardine	
Bulgobac Hill	164761	Rock Chip		390565	5387250	<0.001	0.3	25	102	<20	102	60667	510	<0.1	79	30	212	2695	15200	2560	437	0.								

Appendix Three

Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Colour	Alteration	Weathering	Veins	Mineralisation	Structure	Lithology	Date Sampled	Sampled By	Company
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	blue, grey						greywacke sandstone	15/04/98	FCM	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655							greywacke sandstone	15/04/98	FCM	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655							lava	15/04/98	FCM	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655						massive	tuff	15/04/98	FCM	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655							feldspar porphyry	15/04/98	FCM	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655						locally laminated	siltstone, fine sandstone	15/04/98	FCM	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655							crystal-rich sandstone	15/04/98	FCM	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655							greywacke sandstone	15/04/98	FCM	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655							siltstone/sandstone	16/04/98	FCM	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655							sandstone	16/04/98	FCM	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	blue, grey					good cleavage	sandstone	16/04/98	FCM	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655						massive/cleaved	sandstone	16/04/98	FCM	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655							feldspar phytic flow	16/04/98	FCM	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	pale green, orange	sericite, carbonate	weak	carbonate		Strongly cleaved	sericite schist (siltstone)	17/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	dark green, grey		weak	carbonate		Moderately cleaved	sandstone	17/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	pale grey, white	sericitic, kaolinitic	strong		oxidised pyrite ?	massive	sericitic siltstone	17/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	pale green, orange	sericite, chlorite	strong			weakly cleaved	volcaniclastic sandstone	17/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	pale green, orange		moderate			massive	lithic sandstone	17/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	grey	minor sericite	moderate			moderately cleaved	volcaniclastic breccia/grit	17/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	green grey	minor chlorite, sericite	weak			weakly cleaved	feldspar porphyritic volcanic	17/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	pale green grey	chlorite sericite	moderate			massive	feldspar phytic volcanic	17/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	green grey	chlorite sericite	weak			massive	feldspar phytic volcanic	17/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	pale brown orange	chlorite	moderate			weakly cleaved	feldspar phytic volcanic	17/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	light brown	weak sericite	moderate			weakly cleaved	sandstone	17/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	pale tan, green	sericite	moderate			moderately cleaved	sericitic siltstone	17/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	grey green		moderate			strongly cleaved	siltstone and shale	17/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	green grey		moderate	quartz		strongly cleaved	siltstone and slate	17/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	green	hematite goethite	moderate	hematite		weakly cleaved	lithic sandstone/siltstone	20/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	dark grey green		moderate			moderately cleaved	siltstone/sandstone	20/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	green		moderate			moderately cleaved	siltstone/sandstone	20/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	pale green grey	sericite	moderate			moderately cleaved	lithic grit	21/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	dark green, grey		moderate			strongly cleaved	shale	21/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	green light grey		moderate			moderately cleaved	sandstone	21/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	green		moderate			weakly cleaved	sandstone	21/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	pale green	sericite	weak	hematite	trace pyrite	moderately cleaved	sericitic volcanic	21/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	pale tan green	sericite	weak		trace pyrite	weakly cleaved	sericitic volcanic	21/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	pale green	sericite	weak			weakly cleaved	volcanic	21/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	orange grey	hematite goethite	strong			weakly cleaved	lithic grit and grey siltstone	21/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	green	sericite	moderate			weakly cleaved	feldspar phytic volcanic	22/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	grey green		moderate			weakly cleaved	massive sandstone (greywacke)	22/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	pale lime green	sericite	weak	quartz	trace pyrite	weakly cleaved	massive volcanic	22/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	pale green		strong			moderately cleaved	volcaniclastic sandstone/siltstone	22/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	dark green, grey		weak			weakly cleaved	sandstone	22/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	dark grey black		moderate			strongly cleaved	mudstone/slate	28/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	pale grey green	trace chlorite	moderate			moderately cleaved	lithic (?) sandstone	28/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	dark grey, black		moderate			strongly cleaved	slate	28/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655		hematite goethite	moderate	quartz				28/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	grey	hematite goethite	strong				siltstone and shale	28/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655							lithic grit	28/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	grey green						lithic grit and sandstone	28/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	green	sericite					feldspar phytic volcanic	29/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	dark grey						sandstone	29/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	dark grey						lithic sandstone	29/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	pale grey cream	sericite	moderate			moderately cleaved	feldspar phytic volcanic	29/04/98	OCP	Pasminco
Bulgobac Hill	37/89	55	AGD66	Amdel	WM037655	grey		moderate				sandstone and interbedded siltstone/slate	29/04/98	OCP	Pasminco

200084

APPENDIX FOUR

Mackintosh Dam - IP Review/Reinterpretation Memorandum & Figures

PW Basford

MEMORANDUM



**PASMINCO
EXPLORATION**

15 January 1998

TO Barry Murphy
COPY
FROM Paul Basford - Exploration Technical Services
SUBJECT Lake Mackintosh Billiton IP - Reinterpretation

Summary

The position of the Henty Fault has been re-interpreted according to the high chargeability signature attributable to the Farrell Slate formation. There are two areas of structural disruption that are worthy of follow up investigation, along with a number of anomalous responses within the Farrell Slates.

Introduction

As part of the review of electrical geophysics the Induced Polarization data collected over the Lake Mackintosh grid, by Billiton, has been re-interpreted. A total of ten lines of dipole-dipole IP were collected along the eastern side of the Lake Mackintosh grid between the Mackintosh and Tullabardine Dams (Fig I).

Data

Ten lines of 50m dipole-dipole data were collected over the interpreted position of the Henty Fault. Data was collected to $n=4$ pseudo-depth, using a Scintrex IPR-8 receiver. The data was collected in late 1987, for Billiton. Most of the lines surveyed are short, usually surveying over a length of 350m. A consequence of this was that some lines did not go far enough into background to allow conclusive interpretation.

The chargeability data contains a distinct signature for the contact of the Mt Black Volcanics and Farrell Slates (the contact is known as the Henty Fault). The background readings in chargeability for the volcanics are low, whilst the Farrell Slate signature is high. The Henty Fault Zone has been placed at the location where there is a gradient build up from low to high chargeability (above 10 mV/V). This can be observed on all the lines, with the fault trending in a grid north direction (NNE true direction). Line 2400N indicates a displacement in the fault, with the interpreted position of the fault being around 250E, whilst for lines north and south, the fault is located between 350-400E.

Billiton interpreted a cross-fault between lines 3400N and 3600N, with the fault then trending along 600E. The data for these lines (3600N, 3800N and 4000N) clearly show a gradient change in chargeability around the 400-450E position, which is where the fault has been re-

interpreted. There do exist single point $n=1$ low chargeability readings in the three lines close to the Billiton interpreted position, and this has been interpreted to be a parallel splay. Mapping indicates a volcanic unit to lie between the Farrell Slates and Mt Black Volcanics (possibly Murchison Volcanics - pers comm Murphy 1998). If this is true then these volcanics are either thin skinned, with Farrell Slates underlying (synclinal fold), or they are altered with sulphide mineralisation as displayed by the chargeability anomalies in the data.

There are some interesting trends in the resistivity data, with a conductive feature observable along several lines trending from south to north over Mt Black Volcanics. This has been interpreted to be glacial cover, which thins towards the centre of the grid.

Isolated chargeability features have been interpreted on many lines, several of which contain coincident resistivity lows. Some of these features are worth following up, especially those on lines 3600N, 3800N and 4000N between the two 'fault' locations.

Conclusions

The position of the Henty Fault has been re-interpreted for the northern three lines, using the known signature of the Farrell Slates (Fig II). If the position of the HFZ interpreted by Billiton is valid, then there is a wedge of prospective ground between parallel fault systems. The area between 400E and 600E, 3400N and 3600N appears to be the most prospective.

Anomalies on lines 3600N, 475E (sub-cropping response), 3400N, 525E (deep resistivity low with moderate chargeability), 3600N, 700E (shallow) and 2800N, 450E (shallow) warrant further attention.

APPENDIX FIVE

Mackintosh Dam - C-Horizon Soil Sampling

Analytical Results

Appendix Five

Dataset	Sample Number	Sample Type	UTM East	UTM North	Local East	Local North	Local Grid Name	Au ppb F614	Au (Rpt) ppb F614	Cu ppm A101	Pb ppm A101	Zn ppm A101	Ag ppm A101	As ppm A101	Mn ppm A101	Fe% % A103	Bi ppm A101	Prospect	Tenement Name
Bulgobac Hill	165506	Soil	387585	5383690	10560	3400	Mackintosh Dam Grid	7	6	8	46	18	<1	<50	146	1.3	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165507	Soil	387565	5383697	10540	3400	Mackintosh Dam Grid	<1		10	8	20	<1	<50	362	1.72	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165508	Soil	387545	5383704	10520	3400	Mackintosh Dam Grid	<1		11	<3	25	<1	<50	347	1.31	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165509	Soil	387525	5383711	10500	3400	Mackintosh Dam Grid	<1		7	6	11	<1	<50	58	0.91	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165510	Soil	387505	5383718	10480	3400	Mackintosh Dam Grid	9		6	<3	14	<1	<50	54	0.67	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165511	Soil	387485	5383725	10460	3400	Mackintosh Dam Grid	<1		7	45	98	<1	<50	449	1.27	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165512	Soil	387465	5383732	10440	3400	Mackintosh Dam Grid	<1		8	19	24	<1	<50	123	1.05	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165513	Soil	387445	5383739	10420	3400	Mackintosh Dam Grid	<1		7	3	14	<1	<50	71	0.96	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165514	Soil	387425	5383746	10400	3400	Mackintosh Dam Grid	<1	<1	9	<3	61	<1	<50	292	1.82	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165515	Soil	387405	5383753	10380	3400	Mackintosh Dam Grid	<1		9	12	14	<1	<50	90	1.02	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165516	Soil	387385	5383760	10360	3400	Mackintosh Dam Grid	3	2	6	8	87	<1	<50	350	2.42	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165518	Soil	387800	5383810	10660	3600	Mackintosh Dam Grid	<1		3	3	21	<1	<50	38	0.47	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165519	Soil	387780	5383818	10640	3600	Mackintosh Dam Grid	<1		2	6	7	<1	<50	35	0.52	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165520	Soil	387760	5383826	10620	3600	Mackintosh Dam Grid	<1		2	<3	6	<1	<50	47	0.6	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165521	Soil	387740	5383834	10600	3600	Mackintosh Dam Grid	<1		14	16	82	<1	<50	256	>5%	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165522	Soil	387720	5383842	10580	3600	Mackintosh Dam Grid	<1		4	<3	14	<1	95	72	0.82	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165523	Soil	387700	5383850	10560	3600	Mackintosh Dam Grid	<1		2	<3	5	<1	<50	79	0.59	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165524	Soil	387680	5383858	10540	3600	Mackintosh Dam Grid	<1		3	<3	4	<1	<50	80	1.03	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165525	Soil	387660	5383866	10520	3600	Mackintosh Dam Grid	<1	<1	2	7	8	<1	<50	40	0.63	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165526	Soil	387640	5383874	10500	3600	Mackintosh Dam Grid	1		3	<3	5	<1	<50	49	0.66	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165527	Soil	387620	5383882	10480	3600	Mackintosh Dam Grid	<1		2	<3	5	<1	<50	30	0.31	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165528	Soil	387600	5383890	10460	3600	Mackintosh Dam Grid	1		3	<3	16	<1	<50	134	0.94	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165529	Soil	387580	5383898	10440	3600	Mackintosh Dam Grid	4		6	4	17	<1	<50	183	1.05	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165530	Soil	387560	5383906	10420	3600	Mackintosh Dam Grid	3		4	<3	24	<1	<50	155	1.14	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165531	Soil	387540	5383914	10400	3600	Mackintosh Dam Grid	6		8	22	37	<1	<50	1262	>5%	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165532	Soil	387520	5383922	10380	3600	Mackintosh Dam Grid	5		7	3	21	<1	<50	120	2.04	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165533	Soil	387500	5383930	10360	3600	Mackintosh Dam Grid	<1		5	<3	20	<1	<50	100	0.95	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165534	Soil	387875	5384002	10680	3800	Mackintosh Dam Grid	<1		5	<3	20	<1	<50	154	1.11	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165535	Soil	387855	5384010	10660	3800	Mackintosh Dam Grid	<1		2	<3	6	<1	<50	35	0.43	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165536	Soil	387835	5384018	10640	3800	Mackintosh Dam Grid	<1		2	<3	2	<1	<50	57	0.63	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165537	Soil	387815	5384026	10620	3800	Mackintosh Dam Grid	4		2	<3	5	<1	<50	28	0.39	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165538	Soil	387795	5384034	10600	3800	Mackintosh Dam Grid	3		2	<3	5	<1	<50	63	0.49	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165539	Soil	387775	5384042	10580	3800	Mackintosh Dam Grid	2		3	4	6	<1	<50	48	0.58	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165540	Soil	387755	5384050	10560	3800	Mackintosh Dam Grid	5	6	20	<3	57	<1	<50	233	>5%	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165541	Soil	387735	5384059	10540	3800	Mackintosh Dam Grid	<1		4	3	6	<1	<50	53	0.7	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165542	Soil	387715	5384068	10520	3800	Mackintosh Dam Grid	<1		15	<3	16	<1	198	100	>5%	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165543	Soil	387695	5384077	10500	3800	Mackintosh Dam Grid	2	1	4	7	5	<1	<50	40	0.53	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165544	Soil	387675	5384086	10480	3800	Mackintosh Dam Grid	<1	<1	3	<3	2	<1	<50	46	0.61	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165546	Soil	387655	5384095	10440	3800	Mackintosh Dam Grid	1	2	3	9	21	<1	<50	176	3.06	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165547	Soil	387635	5384104	10420	3800	Mackintosh Dam Grid	<1		5	7	43	<1	<50	190	>5%	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165548	Soil	387615	5384113	10400	3800	Mackintosh Dam Grid	<1		8	19	80	<1	<50	346	4.33	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165549	Soil	387595	5384122	10380	3800	Mackintosh Dam Grid	<1		14	18	91	<1	<50	552	4.48	<10	Mackintosh Dam	Tullah
Bulgobac Hill	165550	Soil	387575	5384131	10360	3800	Mackintosh Dam Grid	<1	<1	24	13	53	<1	<50	698	3.08	<10	Mackintosh Dam	Tullah
								7	7	2	3	2	7	50	3	0.005	10		

Appendix Five

Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Company	Sampled By	Date Sampled	SDS	Depth To	Soil Profile	Colour	Slope	Remarks
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	20	C	Grey	5	10m in off side of road
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	10	C	Grey	15	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	20	C	Grey	12	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	30	C	Grey	4	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	30	C	White, Grey Rock	4	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	20	C	Brown	1	Wet sample near creek
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	30	C	Orange	2	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	25	C	Light Brown, Orange	3	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	25	C	Dark Grey	3	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	30	C	Orange, White	5	Beside wash away
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	30	C	Grey	10	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	40	C	White, Grey Rock	12	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	30	C	Light Brown, White	12	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	30	C	Grey	5	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	30	C	Orange	7	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	50	C	White	3	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	50	C	Dark Brown	4	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	35	C	Dark Brown	4	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	10	C	Grey	15	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	25	C	Light Grey	10	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	60	C	Light Grey	2	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	30	C	Light Grey	2	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	30	C	Light Grey	2	Down in creek where sample was taken
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	40	C	Dark Brown	5	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	35	C	Light Brown	7	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	25	C	Brown	0	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	60	C	Light Brown	12	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	25	C	Grey	12	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	35	C	Dark Grey	3	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	25	C	Light Brown	7	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	2 at 15cm	C	Grey	2	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	85	C	Dark Brown	2	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	40	C	Dark Brown	3	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	20	C	Orange, White	2	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326		C		20	Old road runs through line
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	30	C	Bright Orange	12	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	30	C	Dark Grey		
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	25	C	Dark Grey	16	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	30	C	Orange	3	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	30	C	Orange	7	
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	20	C	Orange	3	In where they are logging
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	15	C	Orange	20	Still on logging track
22/90	55	AGD66	Analabs	BU014329	Pasminco	PC/CA	5/02/98	2326	15	C	Orange	1	Still on logging track

APPENDIX SIX

Bulgobac River Grid - C-Horizon Soil Sampling

Analytical Results

Appendix Six

DataSet	Sample Number	Sample Type	Sample Sub Type	Local East	Local North	UTM East	UTM North	Local Grid Name	Cu ppm IC580	Pb ppm IC580	Zn ppm IC580	Ag ppm IC580	As ppm IC580	Mn ppm IC580
Bulgobac River	164401	Soil	C-Horizon	225	6600	386660	5394709	Bulgobac River	33	31	58	<1	7	66
Bulgobac River	164402	Soil	C-Horizon	275	6600	386707	5394696	Bulgobac River	5	48	44	<1	9	128
Bulgobac River	164403	Soil	C-Horizon	325	6600	386759	5394681	Bulgobac River	46	123	59	<1	3	591
Bulgobac River	164404	Soil	C-Horizon	375	6600	386804	5394664	Bulgobac River	31	50	40	<1	4	185
Bulgobac River	164405	Soil	C-Horizon	425	6600	386847	5394647	Bulgobac River	34	27	49	<1	1	957
Bulgobac River	164406	Soil	C-Horizon	475	6600	386894	5394630	Bulgobac River	47	15	50	<1	2	2010
Bulgobac River	164407	Soil	C-Horizon	525	6600	386947	5394610	Bulgobac River	44	11	59	<1	<1	1330
Bulgobac River	164408	Soil	C-Horizon	575	6600	386996	5394595	Bulgobac River	42	13	59	1	1	1580
Bulgobac River	164409	Soil	C-Horizon	625	6600	387054	5394577	Bulgobac River	58	10	83	<1	<1	381
Bulgobac River	164410	Soil	C-Horizon	675	6600	387116	5394559	Bulgobac River	18	66	99	<1	9	221
Bulgobac River	164411	Soil	C-Horizon	725	6600	387158	5394545	Bulgobac River	34	14	53	<1	2	185
Bulgobac River	164412	Soil	C-Horizon	775	6600	387196	5394529	Bulgobac River	15	23	54	<1	<1	179
Bulgobac River	164413	Soil	C-Horizon	825	6600	387238	5394511	Bulgobac River	4	22	10	<1	2	41
Bulgobac River	164414	Soil	C-Horizon	875	6600	387281	5394492	Bulgobac River	12	32	23	<1	2	65
Bulgobac River	164415	Soil	C-Horizon	875	6800	387356	5394680	Bulgobac River	7	37	21	<1	3	48
Bulgobac River	164416	Soil	C-Horizon	825	6800	387312	5394701	Bulgobac River	17	25	37	1	1	166
Bulgobac River	164417	Soil	C-Horizon	775	6800	387272	5394720	Bulgobac River	31	22	51	<1	<1	298
Bulgobac River	164418	Soil	C-Horizon	725	6800	387231	5394738	Bulgobac River	42	12	83	1	<1	521
Bulgobac River	164419	Soil	C-Horizon	675	6800	387179	5394760	Bulgobac River	31	12	50	1	<1	622
Bulgobac River	164420	Soil	C-Horizon	625	6800	387141	5394776	Bulgobac River	45	22	87	2	<1	852
Bulgobac River	164421	Soil	C-Horizon	575	6800	387103	5394792	Bulgobac River	29	13	45	1	<1	465
Bulgobac River	164422	Soil	C-Horizon	525	6800	387055	5394812	Bulgobac River	41	12	62	2	<1	1670
Bulgobac River	164423	Soil	C-Horizon	475	6800	386997	5394832	Bulgobac River	41	16	53	2	<1	1050
Bulgobac River	164424	Soil	C-Horizon	425	6800	386944	5394845	Bulgobac River	31	14	78	2	<1	1430
Bulgobac River	164425	Soil	C-Horizon	375	6800	386910	5394850	Bulgobac River	41	17	94	2	<1	1840
Bulgobac River	164426	Soil	C-Horizon	875	7000	387415	5394835	Bulgobac River	34	13	55	2	<1	695
Bulgobac River	164427	Soil	C-Horizon	825	7000	387367	5394863	Bulgobac River	49	10	7	2	<1	484
Bulgobac River	164428	Soil	C-Horizon	775	7000	387320	5394888	Bulgobac River	41	13	67	2	<1	557
Bulgobac River	164429	Soil	C-Horizon	725	7000	387272	5394914	Bulgobac River	57	14	80	2	<1	597
Bulgobac River	164430	Soil	C-Horizon	675	7000	387232	5394931	Bulgobac River	51	15	83	2	2	1050
Bulgobac River	164431	Soil	C-Horizon	625	7000	387198	5394946	Bulgobac River	47	14	92	2	<1	882
Bulgobac River	164432	Soil	C-Horizon	575	7000	387164	5394960	Bulgobac River	46	11	59	2	<1	594
Bulgobac River	164433	Soil	C-Horizon	875	6400	387204	5394275	Bulgobac River	3	19	8	2	<1	29
Bulgobac River	164434	Soil	C-Horizon	825	6400	387156	5394291	Bulgobac River	6	65	20	2	9	46
Bulgobac River	164435	Soil	C-Horizon	775	6400	387109	5394310	Bulgobac River	9	75	20	2	7	37
Bulgobac River	164436	Soil	C-Horizon	725	6400	387061	5394327	Bulgobac River	4	19	10	2	6	30
Bulgobac River	164437	Soil	C-Horizon	675	6400	387018	5394342	Bulgobac River	3	14	11	1	4	34
Bulgobac River	164438	Soil	C-Horizon	625	6400	386968	5394357	Bulgobac River	9	15	29	2	5	100
Bulgobac River	164439	Soil	C-Horizon	575	6400	386920	5394373	Bulgobac River	3	26	13	1	3	35
Bulgobac River	164440	Soil	C-Horizon	525	6400	386875	5394387	Bulgobac River	9	45	30	2	6	51
Bulgobac River	164441	Soil	C-Horizon	475	6400	386826	5394404	Bulgobac River	10	185	80	2	15	48

Appendix Six

DataSet	Sample Number	Sample Type	Sample Sub Type	Local East	Local North	UTM East	UTM North	Local Grid Name	Cu ppm IC580	Pb ppm IC580	Zn ppm IC580	Ag ppm IC580	As ppm IC580	Mn ppm IC580
Bulgobac River	164442	Soil	C-Horizon	425	6400	386779	5394419	Bulgobac River	4	58	11	1	8	46
Bulgobac River	164443	Soil	C-Horizon	375	6400	386733	5394435	Bulgobac River	<2	22	7	<1	1	23
Bulgobac River	164444	Soil	C-Horizon	325	6400	386686	5394450	Bulgobac River	6	59	12	1	3	83
Bulgobac River	164445	Soil	C-Horizon	275	6400	386640	5394467	Bulgobac River	5	150	9	<1	5	25
Bulgobac River	164446	Soil	C-Horizon	225	6400	386593	5394483	Bulgobac River	21	192	83	2	13	267
Bulgobac River	164447	Soil	C-Horizon	175	6400	386544	5394497	Bulgobac River	22	124	61	2	14	609
Bulgobac River	164448	Soil	C-Horizon	125	6400	386496	5394511	Bulgobac River	27	42	44	1	6	383
Bulgobac River	164449	Soil	C-Horizon	75	6400	386447	5394526	Bulgobac River	57	23	70	2	<1	5480
Bulgobac River	164450	Soil	C-Horizon	25	6400	386395	5394537	Bulgobac River	39	26	50	2	1	2440
Bulgobac River	164451	Soil	C-Horizon	700	6800	387198	5394749	Bulgobac River	48	16	51	2	<1	895
Bulgobac River	164452	Soil	C-Horizon	650	6800	387160	5394767	Bulgobac River	42	16	76	2	<1	903
Bulgobac River	164453	Soil	C-Horizon	600	6800	387123	5394781	Bulgobac River	34	19	45	2	<1	264
Bulgobac River	164454	Soil	C-Horizon	850	6800	387335	5394694	Bulgobac River	41	20	58	3	<1	672
Bulgobac River	164455	Soil	C-Horizon	500	6800	387023	5394822	Bulgobac River	46	17	55	3	<1	970
Bulgobac River	164456	Soil	C-Horizon	450	6800	386963	5394838	Bulgobac River	48	17	69	3	<1	1560
Bulgobac River	164457	Soil	C-Horizon	400	6800	386927	5394847	Bulgobac River	44	23	92	3	<1	1120
Bulgobac River	164458	Soil	C-Horizon	350	8600	386889	5394854	Bulgobac River	72	23	80	3	2	1010
Bulgobac River	164440A	Soil	C-Horizon	525	6400	386875	5394387	Bulgobac River	386	182	24	2	92	600
									2	5	2	1	1	5

Appendix Six

Fe % IC580	Mo ppm IC580	SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Colour	Soil Profile	Slope Angle	Sample Depth	Organic Content %
4.74	4	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Brown	C		20	
2.62	4	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange	C	-20	30	
8.2	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown, Orange	C	6	50	5
7.98	2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown, Orange	C	5	40	
8.55	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown, Orange	C		30	
10.61	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown, Orange	C		40	
10.18	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C	-5	35	
9.17	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C	-15	45	2
11.26	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange	C	-10	30	
1.84	3	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Dark Grey	C	-20	60	
8.53	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown, Orange	C	-23	40	5
2.33	4	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Green, Grey	C	-15	15	5
0.75	3	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Grey	C	-2	35	
0.64	4	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Grey	C	-2	80	
2.16	2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange	C	15	30	10
3.14	3	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C	5	10	20
4.35	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange	C	15	40	5
7.26	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Brown	C	27	45	
7.32	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown, Orange	C	15	30	20
11.34	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C		50	5
10.01	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C		30	10
9.94	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	5	30	
9.54	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C		35	5
7.21	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Brown, Orange	C	-2	40	
9.38	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	2	50	5
9.25	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	-3	30	
6.26	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Green, Dark Grey	C	-2	65	5
8.9	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange	C	3	40	5
9.92	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	5	45	
9.13	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C	8	30	5
7.92	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	15	30	5
9.22	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	-15	30	10
0.4	2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Grey	C	-5	20	5
1.78	2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Grey, Orange	C		30	
1.85	3	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Cream, Orange	C		35	
0.74	3	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	White, Orange	C	-10	40	2
1.06	3	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Grey, Orange	C	5	30	
3.11	5	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange	C	5	30	2
0.91	2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Grey, Orange	C	5	30	
2.18	3	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Grey, Orange	C	5	35	
1.74	2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Orange	C	5	30	10

Appendix Six

Fe % IC580	Mo ppm IC580	SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Colour	Soil Profile	Slope Angle	Sample Depth	Organic Content %
1.01	3	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Browny Orange	C	15	20	5
0.34	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Grey	C	10	30	
1.47	3	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	5	40	4
0.49	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Grey	C		40	
4.46	3	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C		20	10
5.46	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C	5	50	
6.62	3	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C	5	20	15
10.22	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C	5	60	5
9.41	2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Dark Brown	C		30	20
8.26	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	25	40	
10.03	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C		50	5
8.99	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C		45	
9.77	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C		50	5
9.87	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	2	60	
10.06	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C		60	5
9.42	<2	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C		50	
8.06	7	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C		25	
16.36	331	2323B	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131		C			
0.01	2													

Appendix Six

Date Sampled	Sampled By	Company	Comments
8/12/97	PC	Pasminco	
8/12/97	CA	Pasminco	
8/12/97	PC	Pasminco	
8/12/97	CA	Pasminco	Medium scrub
8/12/97	PC	Pasminco	Same colour as last sample
8/12/97	CA	Pasminco	Medium scrub
8/12/97	PC	Pasminco	Quite dry area
8/12/97	CA	Pasminco	Tree roots
8/12/97	CA	Pasminco	Taken at 615E, very wet, small stream, some rock present in sample
8/12/97	PC	Pasminco	Very fine grained, compact, very wet, taken in small stream
8/12/97	CA	Pasminco	
8/12/97	PC	Pasminco	Quartz grains present
8/12/97	CA	Pasminco	Fine grained, moist, compact
8/12/97	CA	Pasminco	Some grit present, taken in bog patch
8/12/97	CA	Pasminco	
8/12/97	CA	Pasminco	Taken 5m away from creek
8/12/97	CA	Pasminco	
8/12/97	CA	Pasminco	Rock in sample (6860N), Creek 15m below
8/12/97	CA	Pasminco	Eastern side of line starts 60m
8/12/97	CA	Pasminco	
8/12/97	PC	Pasminco	
8/12/97	PC	Pasminco	
8/12/97	PC	Pasminco	Quite dry area
8/12/97	PC	Pasminco	
8/12/97	PC	Pasminco	
8/12/97	PC	Pasminco	
8/12/97	PC	Pasminco	Fine grained, boggy swamp
8/12/97	PC	Pasminco	
8/12/97	CA	Pasminco	Rock chip present
8/12/97	PC	Pasminco	
8/12/97	PC	Pasminco	Beside a creek
8/12/97	PC	Pasminco	Tree roots in sample
8/12/97	PC	Pasminco	
8/12/97	CA	Pasminco	
8/12/97	PC	Pasminco	Large component of clay
8/12/97	CA	Pasminco	
8/12/97	PC	Pasminco	
8/12/97	CA	Pasminco	

Appendix Six

Date Sampled	Sampled By	Company	Comments
8/12/97	CA	Pasminco	
8/12/97	CA	Pasminco	
8/12/97	PC	Pasminco	
8/12/97	CA	Pasminco	Rock fragments present in sample.
8/12/97	PC	Pasminco	
8/12/97	CA	Pasminco	
8/12/97	PC	Pasminco	
8/12/97	CA	Pasminco	
8/12/97	PC	Pasminco	
8/12/97	CA	Pasminco	Tree root present, top of slope. Dry area
8/12/97	PC	Pasminco	Standard

Appendix Six

DataSet	Sample Number	Sample Type	Sample Sub Type	Local East	Local North	UTM East	UTM North	Local Grid Name	Au ppm PM219	Au (Rpt) ppm PM219	Cu ppm IC587	Pb ppm IC587	Zn ppm IC587	Ag ppm IC587	As ppm IC587	Mn ppm IC587	Fe % IC587	Mo ppm IC587	Ba ppm IC587	Sb ppm IC587
Bulgobac River	164401	Soil	C-Horizon	225	6600	386660	5394709	Bulgobac River	0.004		39	36	68	<1	9	75	5.17	<5	246	5
Bulgobac River	164402	Soil	C-Horizon	275	6600	386707	5394696	Bulgobac River	0.012		8	51	51	<1	9	141	2.85	<5	188	<5
Bulgobac River	164403	Soil	C-Horizon	325	6600	386759	5394681	Bulgobac River	0.006		52	141	72	<1	<5	717	8.87	<5	144	<5
Bulgobac River	164404	Soil	C-Horizon	375	6600	386804	5394664	Bulgobac River	0.006		37	48	51	<1	<5	257	9.18	<5	121	<5
Bulgobac River	164405	Soil	C-Horizon	425	6600	386847	5394647	Bulgobac River	0.002		42	25	68	<1	<5	1150	10.18	<5	98	6
Bulgobac River	164406	Soil	C-Horizon	475	6600	386894	5394630	Bulgobac River	0.001		53	<5	65	<1	<5	2210	11.6	<5	81	<5
Bulgobac River	164407	Soil	C-Horizon	525	6600	386947	5394610	Bulgobac River	<0.001	0.003	54	<5	77	<1	<5	1510	11.64	<5	85	<5
Bulgobac River	164408	Soil	C-Horizon	575	6600	386996	5394595	Bulgobac River	<0.001		49	7	75	<1	<5	1790	10.69	<5	82	5
Bulgobac River	164409	Soil	C-Horizon	625	6600	387054	5394577	Bulgobac River	<0.001		70	<5	105	<1	<5	525	13.19	<5	181	6
Bulgobac River	164410	Soil	C-Horizon	675	6600	387116	5394559	Bulgobac River	0.003		23	64	112	<1	9	249	2.07	<5	466	<5
Bulgobac River	164411	Soil	C-Horizon	725	6600	387158	5394545	Bulgobac River	0.004		40	9	65	<1	<5	279	9.6	<5	93	<5
Bulgobac River	164412	Soil	C-Horizon	775	6600	387196	5394529	Bulgobac River	0.004		18	22	67	<1	<5	291	3.07	<5	186	<5
Bulgobac River	164413	Soil	C-Horizon	825	6600	387238	5394511	Bulgobac River	0.002		7	26	15	<1	<5	70	1.04	<5	110	<5
Bulgobac River	164414	Soil	C-Horizon	875	6600	387281	5394492	Bulgobac River	0.001	0.002	15	34	28	<1	<5	88	0.86	<5	224	<5
Bulgobac River	164415	Soil	C-Horizon	875	6800	387356	5394680	Bulgobac River	<0.001		11	39	28	<1	<5	78	2.62	<5	202	<5
Bulgobac River	164416	Soil	C-Horizon	825	6800	387312	5394701	Bulgobac River	0.006		22	24	51	<1	<5	302	4.19	<5	126	<5
Bulgobac River	164417	Soil	C-Horizon	775	6800	387272	5394720	Bulgobac River	0.004		38	17	66	<1	<5	395	5.32	<5	211	<5
Bulgobac River	164418	Soil	C-Horizon	725	6800	387231	5394738	Bulgobac River	<0.001		43	<5	92	<1	<5	666	7.93	<5	158	<5
Bulgobac River	164419	Soil	C-Horizon	675	6800	387179	5394760	Bulgobac River	<0.001		36	10	60	<1	<5	702	8.1	<5	93	<5
Bulgobac River	164420	Soil	C-Horizon	625	6800	387141	5394776	Bulgobac River	0.002		37	11	70	<1	<5	1460	10.37	<5	88	<5
Bulgobac River	164421	Soil	C-Horizon	575	6800	387103	5394792	Bulgobac River	0.004		35	6	62	<1	<5	624	12.11	<5	102	<5
Bulgobac River	164422	Soil	C-Horizon	525	6800	387055	5394812	Bulgobac River	0.002	0.002	41	6	80	<1	<5	2020	11.77	<5	97	<5
Bulgobac River	164423	Soil	C-Horizon	475	6800	386997	5394832	Bulgobac River	0.004		45	8	66	<1	<5	1210	10.68	<5	76	<5
Bulgobac River	164424	Soil	C-Horizon	425	6800	386944	5394845	Bulgobac River	<0.001		38	<5	103	<1	<5	1840	9.33	<5	120	7
Bulgobac River	164425	Soil	C-Horizon	375	6800	386910	5394850	Bulgobac River	0.004		48	7	113	<1	<5	2160	10.6	<5	107	<5
Bulgobac River	164426	Soil	C-Horizon	875	7000	387415	5394835	Bulgobac River	0.01		39	<5	75	<1	<5	873	10.58	<5	97	<5
Bulgobac River	164427	Soil	C-Horizon	825	7000	387367	5394863	Bulgobac River	0.002		55	<5	121	<1	<5	597	7.25	<5	174	<5
Bulgobac River	164428	Soil	C-Horizon	775	7000	387320	5394888	Bulgobac River	0.002		55	<5	92	<1	<5	714	10.31	<5	84	<5
Bulgobac River	164429	Soil	C-Horizon	725	7000	387272	5394914	Bulgobac River	<0.001		65	<5	97	<1	<5	735	11.26	<5	102	<5
Bulgobac River	164430	Soil	C-Horizon	675	7000	387232	5394931	Bulgobac River	<0.001		49	8	96	<1	<5	1180	9.82	<5	94	<5
Bulgobac River	164431	Soil	C-Horizon	625	7000	387198	5394946	Bulgobac River	<0.001		55	6	117	<1	<5	1160	9.8	<5	122	<5
Bulgobac River	164432	Soil	C-Horizon	575	7000	387164	5394960	Bulgobac River	0.002	0.006	45	5	69	<1	<5	672	9.82	<5	85	6
Bulgobac River	164433	Soil	C-Horizon	875	6400	387204	5394275	Bulgobac River	0.01		7	20	15	<1	<5	41	0.51	<5	211	<5
Bulgobac River	164434	Soil	C-Horizon	825	6400	387156	5394291	Bulgobac River	<0.001		8	72	26	<1	11	60	2.08	<5	388	<5
Bulgobac River	164435	Soil	C-Horizon	775	6400	387109	5394310	Bulgobac River	0.002		12	85	28	<1	10	57	2.34	<5	369	<5
Bulgobac River	164436	Soil	C-Horizon	725	6400	387061	5394327	Bulgobac River	<0.001		10	20	18	<1	6	40	0.91	5	300	<5
Bulgobac River	164437	Soil	C-Horizon	675	6400	387018	5394342	Bulgobac River	0.002		6	15	15	<1	<5	45	1.31	<5	306	<5
Bulgobac River	164438	Soil	C-Horizon	625	6400	386968	5394357	Bulgobac River	0.01		11	16	34	<1	<5	110	3.45	6	84	<5
Bulgobac River	164439	Soil	C-Horizon	575	6400	386920	5394373	Bulgobac River	0.006		6	26	18	<1	<5	65	1.22	<5	172	<5
Bulgobac River	164440	Soil	C-Horizon	525	6400	386875	5394387	Bulgobac River	0.002		12	45	38	<1	8	66	2.54	<5	336	<5
Bulgobac River	164441	Soil	C-Horizon	475	6400	386826	5394404	Bulgobac River	<0.001		15	200	92	<1	17	59	1.94	<5	355	<5
Bulgobac River	164442	Soil	C-Horizon	425	6400	386779	5394419	Bulgobac River	0.006	0.002	7	67	17	<1	7	62	1.25	7	399	<5
Bulgobac River	164443	Soil	C-Horizon	375	6400	386733	5394435	Bulgobac River	<0.001		<5	25	11	<1	<5	33	0.4	<5	115	<5
Bulgobac River	164444	Soil	C-Horizon	325	6400	386686	5394450	Bulgobac River	<0.001		9	65	17	<1	<5	106	1.69	6	212	<5
Bulgobac River	164445	Soil	C-Horizon	275	6400	386640	5394467	Bulgobac River	0.006		9	184	15	<1	6	43	0.71	<5	212	<5
Bulgobac River	164446	Soil	C-Horizon	225	6400	386593	5394483	Bulgobac River	0.002		26	218	101	<1	15	322	5.27	5	262	<5

200039

Appendix Six

Data Set	Sample Number	Sample Type	Sample Sub-Type	Local East	Local North	UTM East	UTM North	Local Grid Name	Au ppm PM219	Au (Rpt) ppm PM219	Cu ppm IC587	Pb ppm IC587	Zn ppm IC587	Ag ppm IC587	As ppm IC587	Mn ppm IC587	Fe % IC587	Mo ppm IC587	Ba ppm IC587	Sb ppm IC587
Bulgobac River	164447	Soil	C-Horizon	175	6400	386544	5394497	Bulgobac River	0.001		28	140	74	<1	16	702	6.32	<5	223	<5
Bulgobac River	164448	Soil	C-Horizon	125	6400	386496	5394511	Bulgobac River	0.001		30	42	48	<1	6	421	6.97	6	82	<5
Bulgobac River	164449	Soil	C-Horizon	75	6400	386447	5394526	Bulgobac River	0.002		64	16	85	<1	<5	5670	11.28	<5	101	6
Bulgobac River	164450	Soil	C-Horizon	25	6400	386395	5394537	Bulgobac River	<0.001		43	19	60	<1	<5	2550	10.04	<5	74	<5
Bulgobac River	164451	Soil	C-Horizon	700	6800	387198	5394749	Bulgobac River	0.001		40	7	61	<1	<5	977	8.89	<5	59	<5
Bulgobac River	164452	Soil	C-Horizon	650	6800	387160	5394767	Bulgobac River	0.002		49	5	95	<1	<5	1070	11.66	<5	112	7
Bulgobac River	164453	Soil	C-Horizon	600	6800	387123	5394781	Bulgobac River	0.002		40	14	62	<1	<5	384	10.69	<5	73	<5
Bulgobac River	164454	Soil	C-Horizon	850	6800	387335	5394694	Bulgobac River	0.002		43	11	74	<1	<5	829	11.37	<5	83	<5
Bulgobac River	164455	Soil	C-Horizon	500	6800	387023	5394822	Bulgobac River	0.006		50	10	69	<1	<5	1120	11.12	<5	62	<5
Bulgobac River	164456	Soil	C-Horizon	450	6800	386963	5394838	Bulgobac River	0.002		51	8	81	<1	<5	1740	11.18	<5	85	<5
Bulgobac River	164457	Soil	C-Horizon	400	6800	386927	5394847	Bulgobac River	0.004		53	15	121	<1	<5	1460	12.1	<5	111	<5
Bulgobac River	164458	Soil	C-Horizon	350	8600	386889	5394854	Bulgobac River	0.002		44	12	95	<1	<5	1160	9.35	12	74	5
Bulgobac River	164440A	Soil	C-Horizon	525	6400	386875	5394367	Bulgobac River	0.06	0.06	414	192	564	1	89	564	10.04	371	385	10
									0.001	0.001	5	5	5	1	5	5	0.01	5	10	5

200100

Appendix Six

SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Colour	Soil Profile	Slope Angle	Sample Depth	Organic Content %	Date Sampled
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Brown	C		20		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange	C	-20	30		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown, Orange	C	6	50	5	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown, Orange	C	5	40		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown, Orange	C		30		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown, Orange	C		40		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C	<5	35		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C	<15	45	2	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange	C	<10	30		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Dark Grey	C	-20	60		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown, Orange	C	-23	40	5	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Green, Grey	C	<15	15	5	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Grey	C	-2	35		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Grey	C	-2	80		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange	C	15	30	10	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C	5	10	20	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange	C	15	40	5	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Brown	C	27	45		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown, Orange	C	15	30	20	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C		50	5	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C		30	10	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	5	30		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C		35	5	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Brown, Orange	C	-2	40		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	2	50	5	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	-3	30		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Green, Dark Grey	C	-2	65	5	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange	C	3	40	5	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	5	45		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C	8	30	5	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	15	30	5	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	<15	30	10	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Grey	C	<5	20	5	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Grey, Orange	C		30		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Cream, Orange	C		35		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	White, Orange	C	<10	40	2	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Grey, Orange	C	5	30		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange	C	5	30	2	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Grey, Orange	C	5	30		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Grey, Orange	C	5	35		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Orange	C	5	30	10	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown Orange	C	15	20	5	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Grey	C	10	30		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	5	40	4	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Light Grey	C		40		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C		20	10	8/12/97

200101

Appendix Six

SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Colour	Soil Profile	Slope Angle	Sample Depth	Organic Content %	Date Sampled
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C	5	50		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C	5	20	15	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C	5	60	5	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Dark Brown	C		30	20	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	25	40		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C		50	5	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C		45		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C		50	5	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C	2	60		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Orange, Brown	C		60	5	8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C		50		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131	Brown	C		25		8/12/97
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131		C				8/12/97

Appendix Six

Sampled By	Company	Comments
PC	Pasminco	
CA	Pasminco	
PC	Pasminco	
CA	Pasminco	Medium scrub
PC	Pasminco	Same colour as last sample
CA	Pasminco	Medium scrub
PC	Pasminco	Quite dry area
CA	Pasminco	Tree roots
CA	Pasminco	Taken at 615E, very wet, small stream, some rock present in sample
PC	Pasminco	Very fine grained, compact, very wet, taken in small stream
CA	Pasminco	
PC	Pasminco	Quartz grains present
CA	Pasminco	Fine grained, moist, compact
CA	Pasminco	Some grit present, taken in bog patch
CA	Pasminco	
CA	Pasminco	Taken 5m away from creek
CA	Pasminco	
CA	Pasminco	Rock in sample (6860N), Creek 15m below
CA	Pasminco	Eastern side of line starts 60m
CA	Pasminco	
PC	Pasminco	
PC	Pasminco	
PC	Pasminco	Quite dry area
PC	Pasminco	
PC	Pasminco	
PC	Pasminco	
PC	Pasminco	Fine grained, boggy swamp
PC	Pasminco	
CA	Pasminco	Rock chip present
PC	Pasminco	
PC	Pasminco	Beside a creek
PC	Pasminco	Tree roots in sample
PC	Pasminco	
CA	Pasminco	
PC	Pasminco	Large component of clay
CA	Pasminco	
PC	Pasminco	
CA	Pasminco	
CA	Pasminco	
PC	Pasminco	
CA	Pasminco	
CA	Pasminco	
PC	Pasminco	
CA	Pasminco	Rock fragments present in sample.
PC	Pasminco	

Appendix Six

Sampled By	Company	Comments
CA	Pasminco	
PC	Pasminco	
CA	Pasminco	
PC	Pasminco	
CA	Pasminco	Tree root present, top of slope. Dry area
PC	Pasminco	Standard

APPENDIX SEVEN

Bulgobac River Grid - Stream Sediment Sampling

Analytical Results

Appendix Seven

DataSet	Sample Number	Sample Type	Mesh Size	Local East	Local North	UTM East	UTM North	Au	Au (Rpt)	Cu	Pb	Zn	Ag	As	Mn	Fe	Mo	Ba	Sb
								ppm PM219	ppm PM219	ppm IC587	ppm IC587	ppm IC587	ppm IC587	ppm IC587	% IC587	ppm IC587	ppm IC587	ppm IC587	
Bulgobac River	165601	Stream	-80	600	6600	387027	5394585	0.004		45	34	103	<1	11	957	4.63	<5	187	<5
Bulgobac River	165604	Stream	-80	598	6600	387017	5394647	0.002		22	45	122	<1	<5	562	3.67	6	310	<5
Bulgobac River	165607	Stream	-80	800	6820	387298	5394731	0.004		37	12	164	<1	<5	1010	7.82	<5	201	<5
Bulgobac River	165608	Stream	-80	625	7000	387198	5394946	0.002		34	18	163	<1	<5	973	7.16	<5	221	<5
Bulgobac River	165609	Stream	-80	1310	7100	387845	5394792	0.002		37	14	142	<1	<5	739	7.85	<5	161	<5
Bulgobac River	165610	Stream	-80	1325	7148	387875	5394830	0.016		31	11	153	<1	<5	1050	7.19	<5	184	<5
Bulgobac River	165611	Stream	-80	800	6450	387158	5394343	0.004		8	24	46	<1	<5	244	1.57	<5	198	<5
Bulgobac River	165612	Stream	-80	440	6400	387791	5394415	0.002		17	74	144	<1	<5	825	3.25	5	293	<5
Bulgobac River	165610 A	Standard	-80	1310	7100	387845	5394792	1.16	1.38	44	27	19	<1	1460	58	2.56	<5	523	85
								0.001	0.001	5	5	5	1	5	5	0.01	5	10	5

Appendix Seven

SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Active width	Sediment composition	Date Sampled	Sampled By	Company
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS	21131			12/04/97	OCP/FCM	Pasminco
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS	21131	2m	Gravel, Sand, Silt, Mud, Quartz, Mica	12/04/97	OCP/FCM	Pasminco
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS	21131	2.5m	Boulders, Gravel, Sand, Silt, Mud	12/04/97	OCP/FCM	Pasminco
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS	21131	3m	Boulders, Gravel Sand, Silt, Mud	12/04/97	OCP/FCM	Pasminco
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS	21131	3m		12/04/97	OCP/FCM	Pasminco
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS	21131	3m	Boulders, Gravel, Sand, Silt, Mud	12/04/97	OCP/FCM	Pasminco
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS	21131	0.5m		12/04/97	OCP/FCM	Pasminco
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS	21131	2m	Boulders, Gravel, Sand, Silt, Mud	12/04/97	OCP/FCM	Pasminco
2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS	21131			12/04/97	OCP/FCM	Pasminco

Appendix Seven

Comments
Orientation top of catchment
Active stream, moderate flow, minor siltstone outcropping and basalt float to 30cm. Small sample
Moderate sized creek. Bolders of basalt in stream, sediment load of quartz, mica, basalt fragments
Up stream of 165607
180m up stream of 165608. Tributary on west side of main stream. Just up stream of old grid line
Bend in main creek, approx 230m up stream of 165608
Small creek cutting base line (800E). Fine light grey to tan siltstone
Outcrop of grey siltstone in stream.
Standard

Appendix Seven

DataSet	Sample Number	Sample Type	Mesh Size	Local East	Local North	UTM East	UTM North	Cu ppm IC588	Pb ppm IC588	Zn ppm IC588	Ag ppm IC588	As ppm IC588	Mo ppm IC588	Sb ppm IC588	SDS	Prospect
Bulgobac River	165601	Stream	-80	600	6600	387027	5394585	43	33	98	<0.1	0.8	1.4	0.4	2323B	Bulgobac River
Bulgobac River	165604	Stream	-80	598	6600	387017	5394647	22	48	118	<0.1	2.1	5.3	0.6	2323B	Bulgobac River
Bulgobac River	165607	Stream	-80	800	6820	387298	5394731	34	12	151	<0.1	<0.2	0.5	<0.2	2323B	Bulgobac River
Bulgobac River	165608	Stream	-80	625	7000	387198	5394946	33	19	155	<0.1	<0.2	3	0.2	2323B	Bulgobac River
Bulgobac River	165609	Stream	-80	1310	7100	387845	5394792	38	12	143	<0.1	<0.2	0.3	1.5	2323B	Bulgobac River
Bulgobac River	165610	Stream	-80	1325	7148	387875	5394830	33	12	156	<0.1	<0.2	1.5	0.2	2323B	Bulgobac River
Bulgobac River	165611	Stream	-80	800	6450	387158	5394343	8	23	38	<0.1	1	1.8	0.4	2323B	Bulgobac River
Bulgobac River	165612	Stream	-80	440	6400	387791	5394415	17	73	135	0.1	2	4.2	0.4	2323B	Bulgobac River
Bulgobac River	165610 A	Standard	-80	1310	7100	387845	5394792	35	22	18	<0.1	1530	3.9	99	2323B	Bulgobac River
								1	1	1	0.1	0.2	0.2	0.2		

Appendix Seven

Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number	Active width	Sediment composition	Date Sampled	Sampled By	Company
Bulgobac River	19/94	55	AGD66	ALS	21131			12/04/97	OCP/FCM	Pasminco
Bulgobac River	19/94	55	AGD66	ALS	21131	2m	Gravel, Sand, Silt, Mud, Quartz, Mica	12/04/97	OCP/FCM	Pasminco
Bulgobac River	19/94	55	AGD66	ALS	21131	2.5m	Boulders, Gravel, Sand, Silt, Mud	12/04/97	OCP/FCM	Pasminco
Bulgobac River	19/94	55	AGD66	ALS	21131	3m	Boulders, Gravel Sand, Silt, Mud	12/04/97	OCP/FCM	Pasminco
Bulgobac River	19/94	55	AGD66	ALS	21131	3m		12/04/97	OCP/FCM	Pasminco
Bulgobac River	19/94	55	AGD66	ALS	21131	3m	Boulders, Gravel, Sand, Silt, Mud	12/04/97	OCP/FCM	Pasminco
Bulgobac River	19/94	55	AGD66	ALS	21131	0.5m		12/04/97	OCP/FCM	Pasminco
Bulgobac River	19/94	55	AGD66	ALS	21131	2m	Boulders, Gravel, Sand, Silt, Mud	12/04/97	OCP/FCM	Pasminco
Bulgobac River	19/94	55	AGD66	ALS	21131			12/04/97	OCP/FCM	Pasminco

200110

Appendix Seven

Comments
Orientation top of catchment
Active stream, moderate flow, minor siltstone outcropping and basalt float to 30cm. Small sample
Moderate sized creek. Bolders of basalt in stream, sediment load of quartz, mica, basalt fragments
Up stream of 165607
180m up stream of 165608. Tributary on west side of main stream. Just up stream of old grid line
Bend in main creek, approx 230m up stream of 165608
Small creek cutting base line (800E). Fine light grey to tan siltstone
Outcrop of grey siltstone in stream.
Standard

APPENDIX EIGHT

Bulgobac River Grid - Rock Chip Sampling

Analytical Results

Appendix Eight

DataSet	Sample Number	Sample Type	Local East	Local North	UTM East	UTM North	Local Grid Name	Au ppm <i>PM219</i>	Cu ppm <i>IC587</i>	Pb ppm <i>IC587</i>
Bulgobac River	165602	RockChip	600	6600	387027	5394585	Bulgobac River Grid	0.006	39	54
Bulgobac River	165605	RockChip	430	6600	386851	5394647	Bulgobac River Grid	<0.001	47	5
Bulgobac River	165603	RockChip	598	6600	387017	5394591	Bulgobac River Grid	0.002	52	117
Bulgobac River	165606	RockChip	690	6600	387127	5394557	Bulgobac River Grid	<0.001	18	66
								0.001	5	5

200113

Appendix Eight

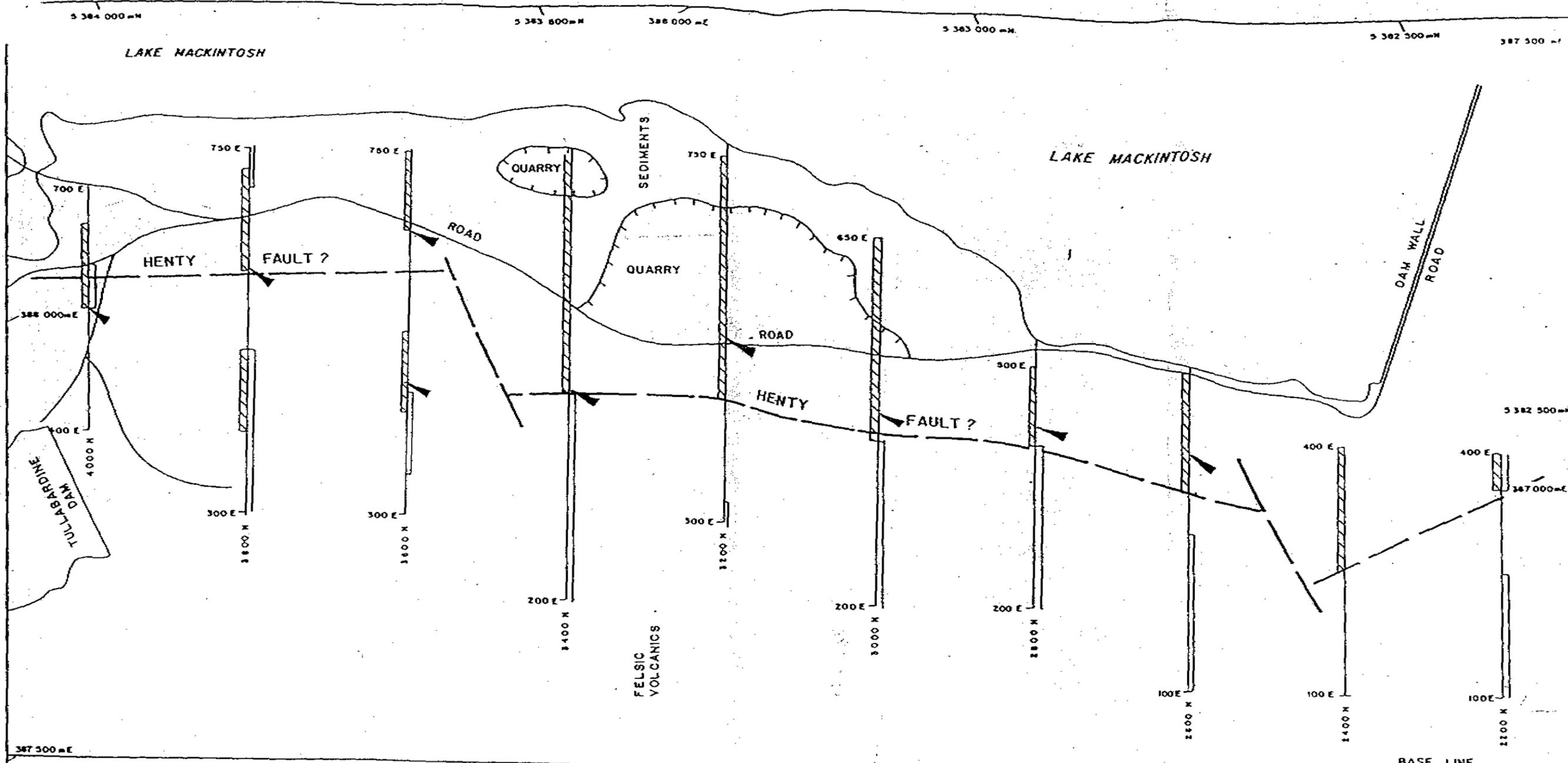
Zn ppm IC587	Ag ppm IC587	As ppm IC587	Mn ppm IC587	Fe % IC587	Mo ppm IC587	Ba ppm IC587	Sb ppm IC587	SDS	Prospect	Tenement Name	Tenement Number	UTM Zone	UTM Datum	Lab Name	Lab Job Number
171	<1	8	106	3.8	5	976	<5	2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131
97	<1	<5	1080	7.4	<5	192	<5	2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131
127	<1	20	246	4.39	54	554	<5	2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131
132	<1	7	122	1.27	5	411	<5	2323A	Bulgobac River	Bulgobac River	19/94	55	AGD66	ALS Qld	21131
5	1	5	5	0.01	5	10	5								

200114

Appendix Eight

Lithology	Date Sampled	Sampled By	Company	Comments
Siltstone	4/12/97	OCP/FCM	Pasminco	Area of elevated Zn in rock chips. Siltstone.
Basalt	4/12/97	FCM	Pasminco	Basalt subcrop/float. Feldspar porphyritic, weathered.
Siltstone	4/12/97	OCP/FCM	Pasminco	Laminated dark grey micaceous siltstone. Some orange clay on fractures.
	4/12/97	FCM/OCP	Pasminco	Grey silty clay, minor organic matter. Possibly clay from old stream, minor basalt float.

200113

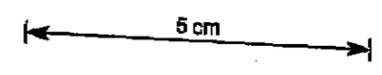


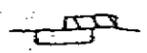
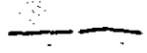
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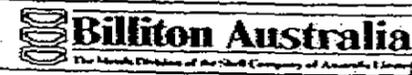
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 PASMINGO - BULGOBAC
 O PALFREY
Vol 2 of 2

BASE LINE

200116



-  CHARGEABILITY HIGH
RESISTIVITY LOW (<1000 Ωm)
-  POSITION OF HENTY FAULT
FROM IP RESULTS
-  ZONES OF INTEREST

		
Project	N.W. TASMANIA LAKE MACKINTOSH J.V.	
Title	HENTY FAULT IP/RESISTIVITY SURVEY DIPOLE-DIPOLE, a=50m SCINTREX 11/87	
Author	N.M.	Date 8/88
Scale	1:5000	
Drawn	Office MELB	Revised
Drawing No.	LJ80/1011	Fig. 1

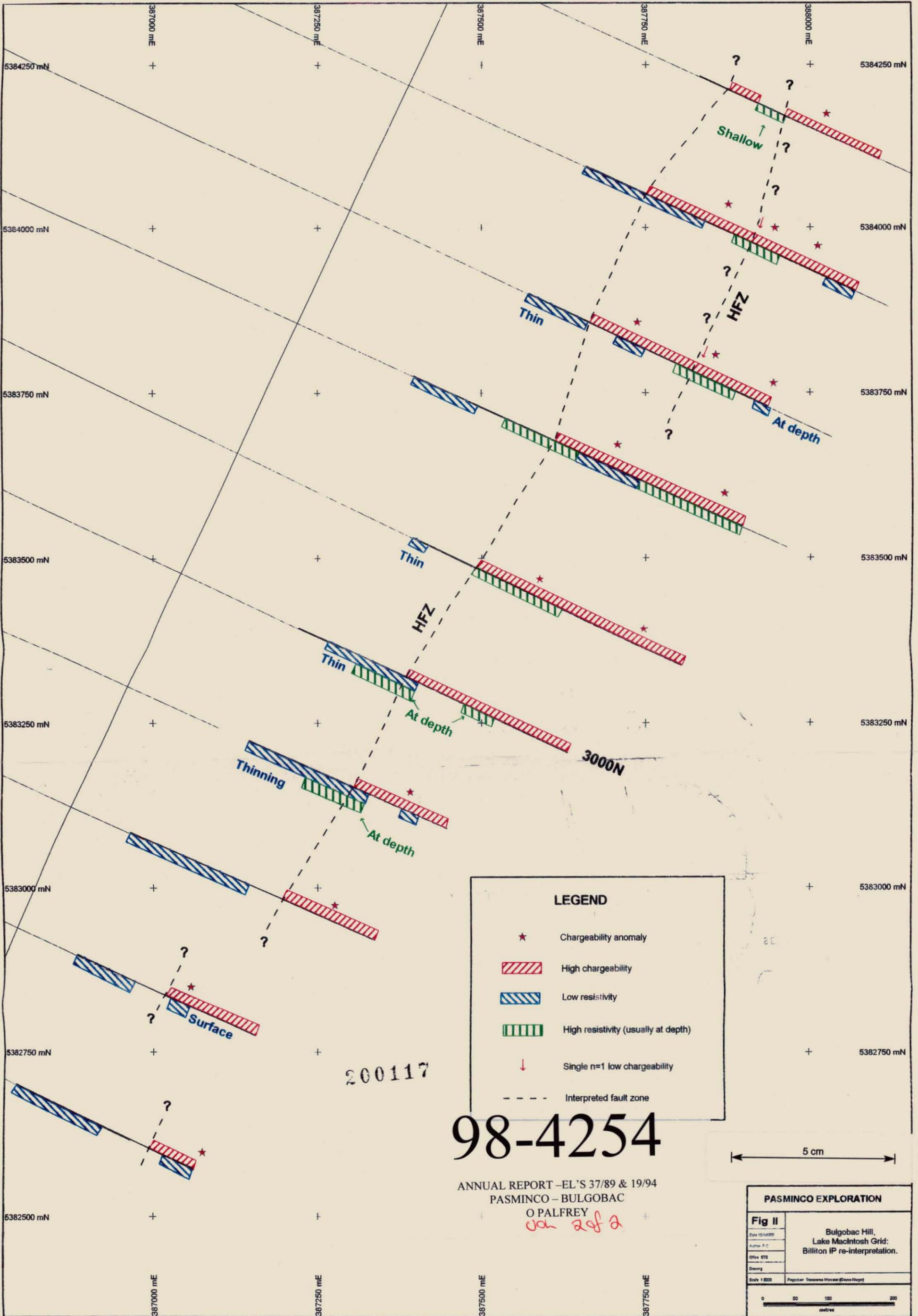
387 500 m E

5 384 600 m N

5 384 500 m N 387 000 m E

3 384 000 m N

5 383 500 m N 386 500 m E



200117

LEGEND

- ★ Chargeability anomaly
- ▨ High chargeability
- ▧ Low resistivity
- ▩ High resistivity (usually at depth)
- ↓ Single n=1 low chargeability
- - - - - Interpreted fault zone

98-4254

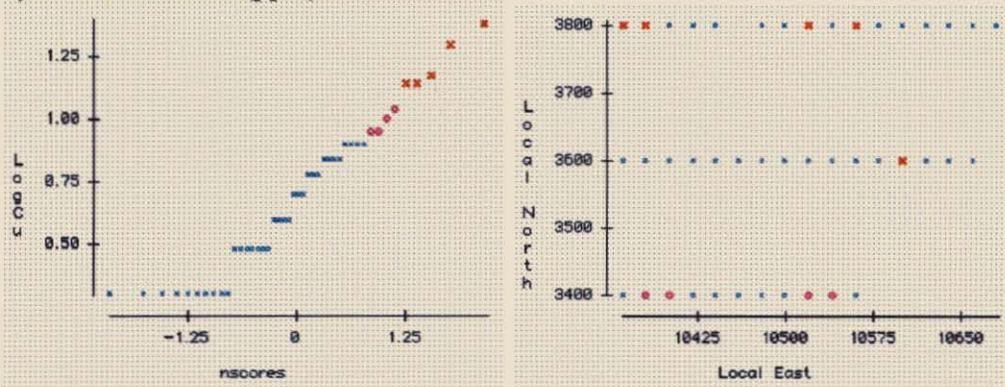
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5 cm

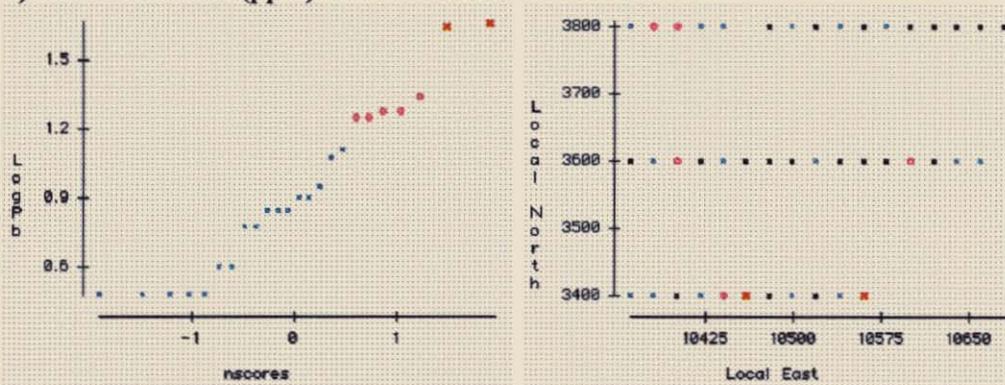
PASMINGO EXPLORATION	
Fig II	Bulgobac Hill, Lake MacIntosh Grid: Billiton IP re-interpretation.
<small>Date 15/11/93</small>	
<small>Author P.C.</small>	
<small>Office 675</small>	
<small>Drawing</small>	
<small>Scale 1:500</small>	<small>Projector: Thomas Moseley (Globe Project)</small>

Fig. 12: Statistical Analysis, C Horizon Soils, Mackintosh Grid

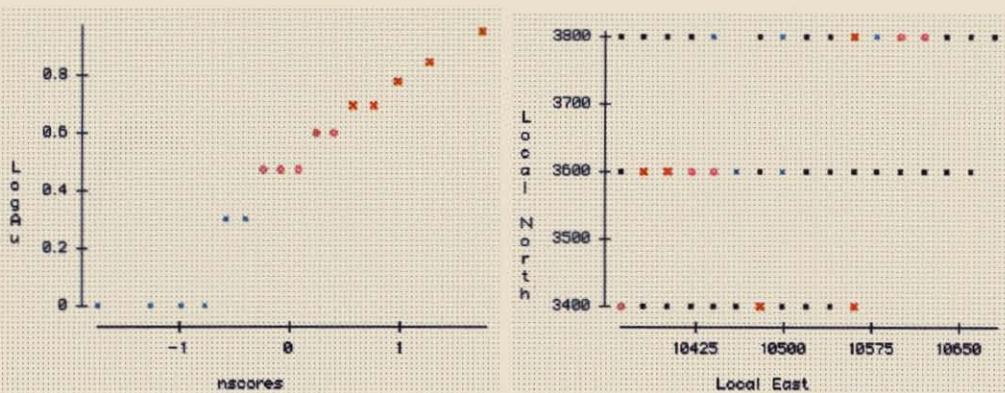
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b) Pb Distribution (ppm)



c) Au Distribution (ppb)



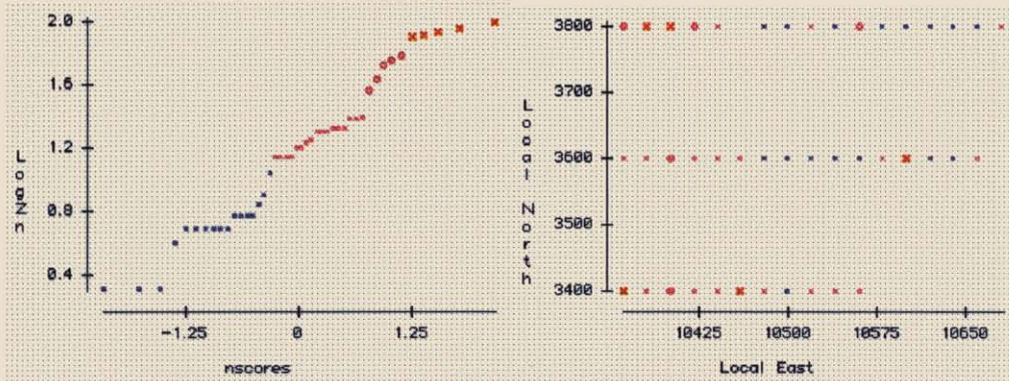
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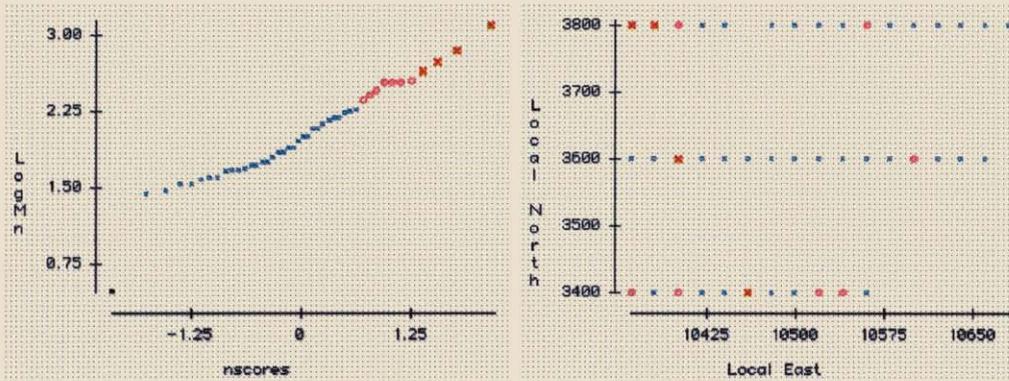
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vol 2 of 2

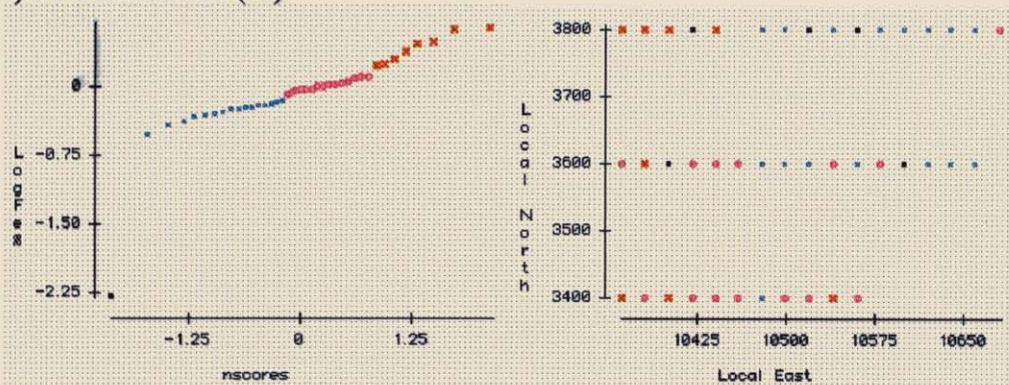
d) Zn Distribution (ppm)



e) Mn Distribution (ppm)



f) Fe Distribution (%)

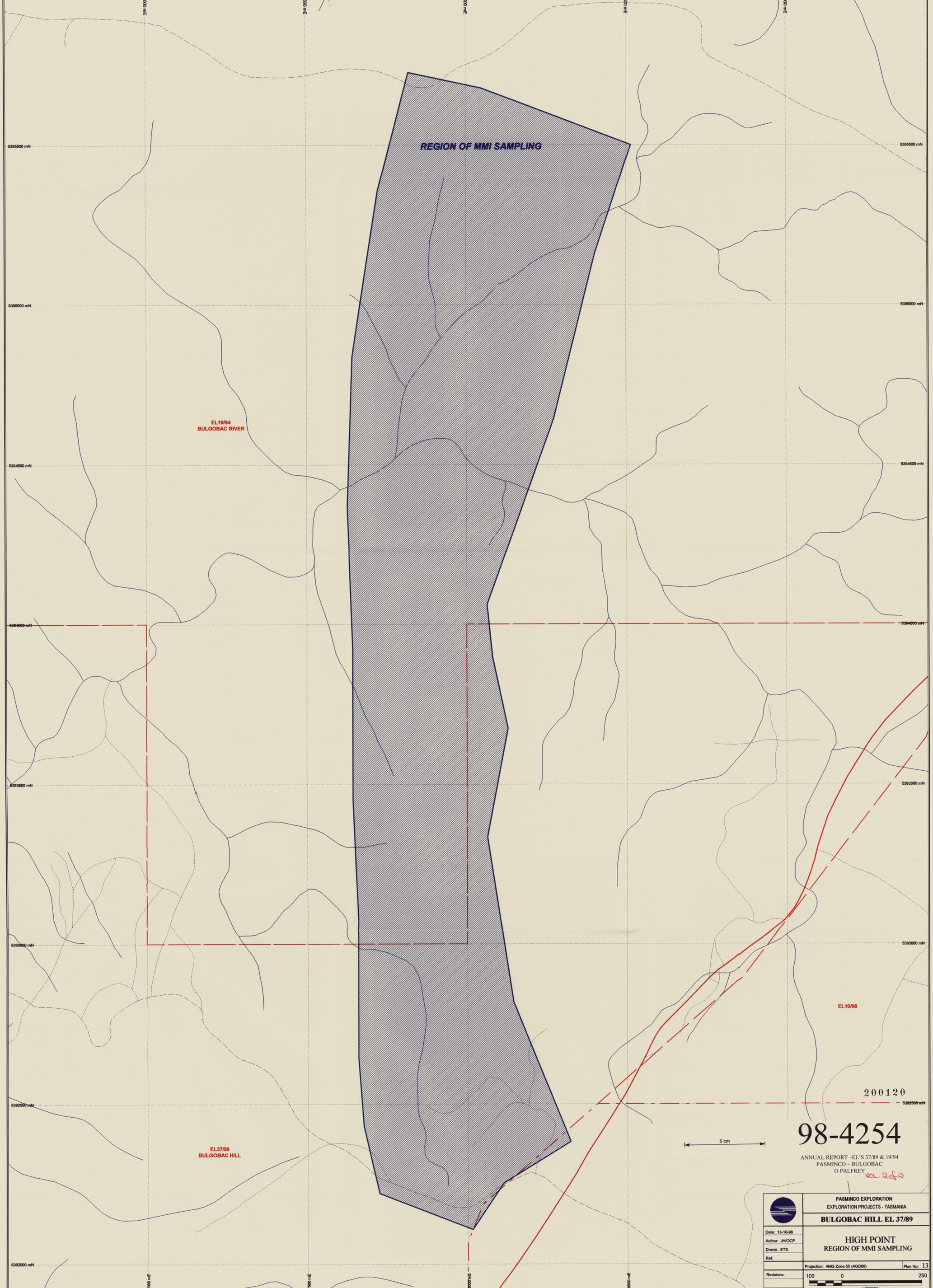


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 O PALFREY

vol 2 of 2



REGION OF MMI SAMPLING

EL 19/94
BULGOBAC RIVER

EL 37/89
BULGOBAC HILL

EL 10/98

200120

98-4254

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PASMINGO - BULGOBAC
O PALFREY

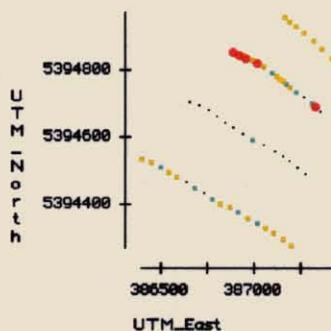
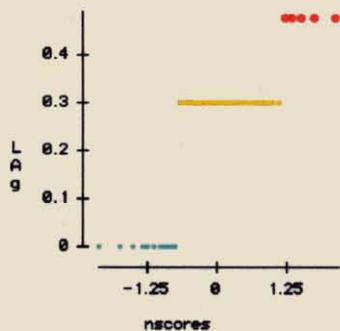
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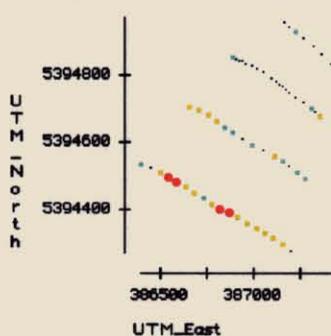
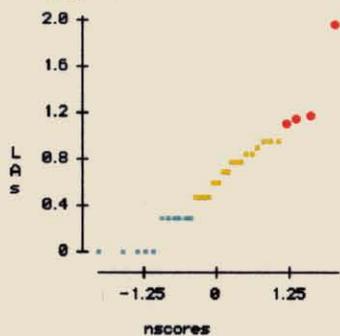
	PASMINGO EXPLORATION EXPLORATION PROJECTS - TASMANIA BULGOBAC HILL EL 37/89	
	HIGH POINT REGION OF MMI SAMPLING	
Date: 13-10-98 Author: JHOCP Drawn: ETS Ref:	Projection: AMG Zone 55 (AGD98)	Plan No: 13
Revisions:	100 0 250 METRES	Scale: 1:5,000

Fig. 15: Cumulative Frequency Plots of Infill C Horizon Soil Assays, Bulgobac River Grid

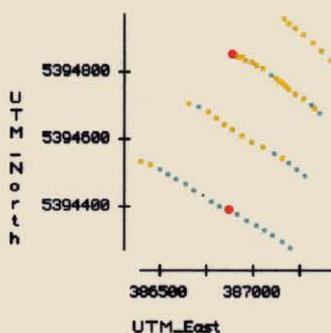
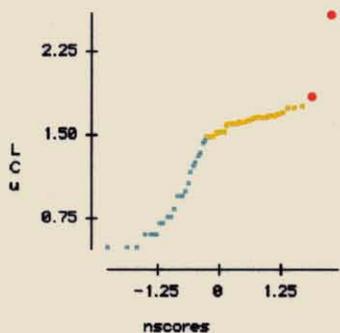
Ag (ppm)



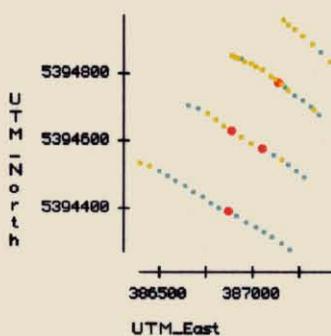
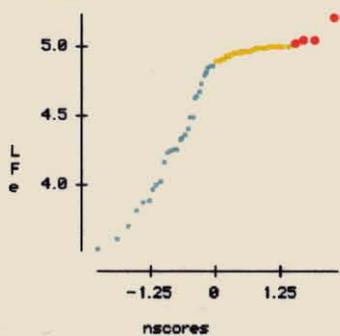
As (ppm)



Cu (ppm)



Fe (ppm)



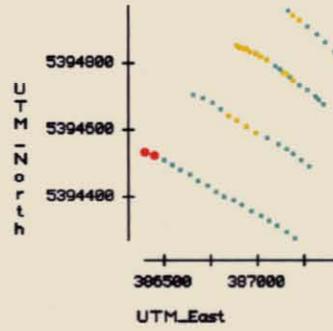
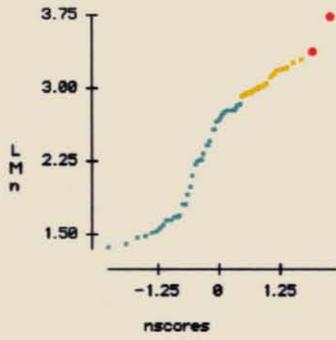
98-4254

ANNUAL REPORT - EL'S 37/89 & 19/94
 PASMINGO - BULGOBAC
 O PALFREY

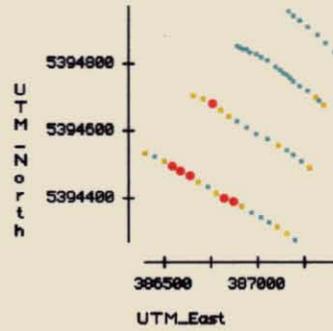
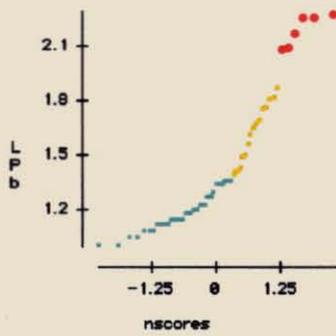
Vol 2 of 2

200122

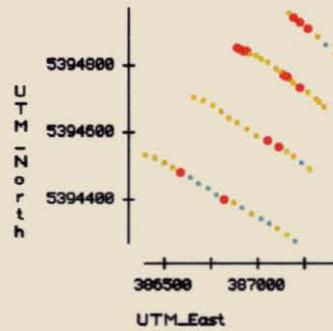
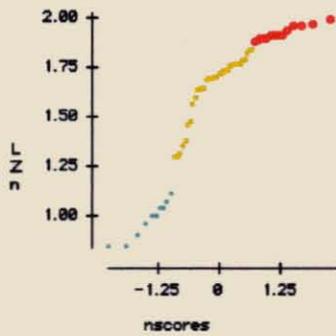
Mn (ppm)



Pb (ppm)



Zn (ppm)



98-4254

ANNUAL REPORT -EL'S 37/89 & 19/94
PASMINGO - BULGOBAC
O PALFREY

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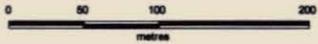
200123

Pasminco Exploration

Bulgobac River EL19/94
Bulgobac River Grid
Infill Soil Sampling
Zn ppm
Mapped Geology

Date: 1/10/1998
Author:
Office: Wab
Fig. 16

Scale: 1:8000 Projection: AMG Zone 55 (AGD 84)



LEGEND

- Pasminco Bulgobac River Grid
- Fault
- Inferred Fault
- Quaternary Deposits
- Tertiary Basalt
- Dumby Gap Black Shale & Siltstone
- Dumby Gap Intersected Felsic Tuff
- Dumby Gap Gls-Feldspar Porphyry Intrusive

5 cm

Infill_soils_2 by Zn_ppm

- 60 to 99 (19)
- 30 to 60 (24)
- 0 to 30 (16)

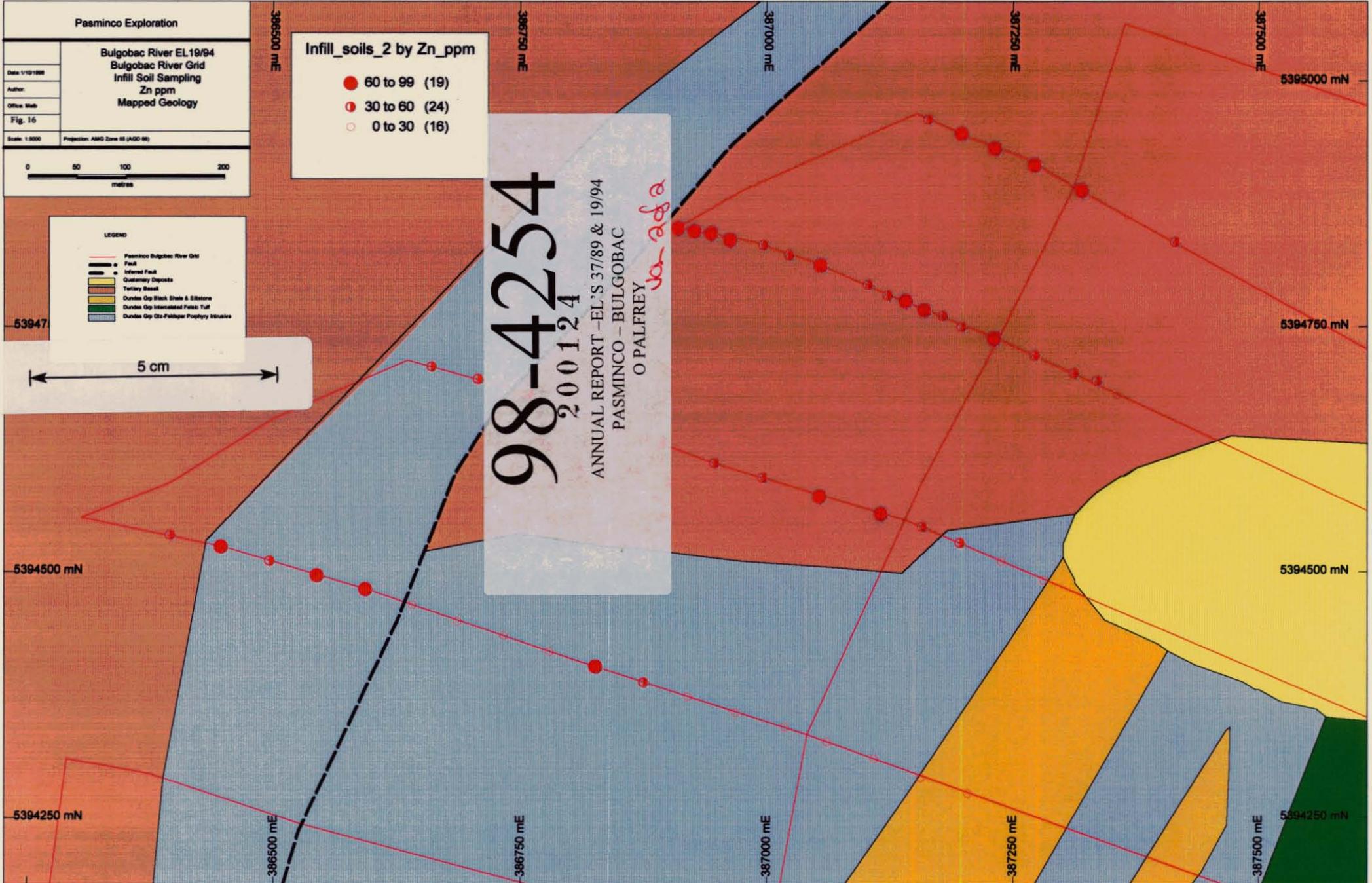
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200124

ANNUAL REPORT - EL'S 37/89 & 19/94

PASMINCO - BULGOBAC

O PALFREY

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Pasminco Exploration

Bulgobac River EL19/94
Bulgobac River Grid
Infill Soil Sampling
Pb ppm
Mapped Geology

Date: 1/10/1998
Author:
Office: MHB
Fig. 17

Scale: 1:5000 Projection: AMG Zone 58 (AGD 84)



Infill_soils_2 by Pb_ppm

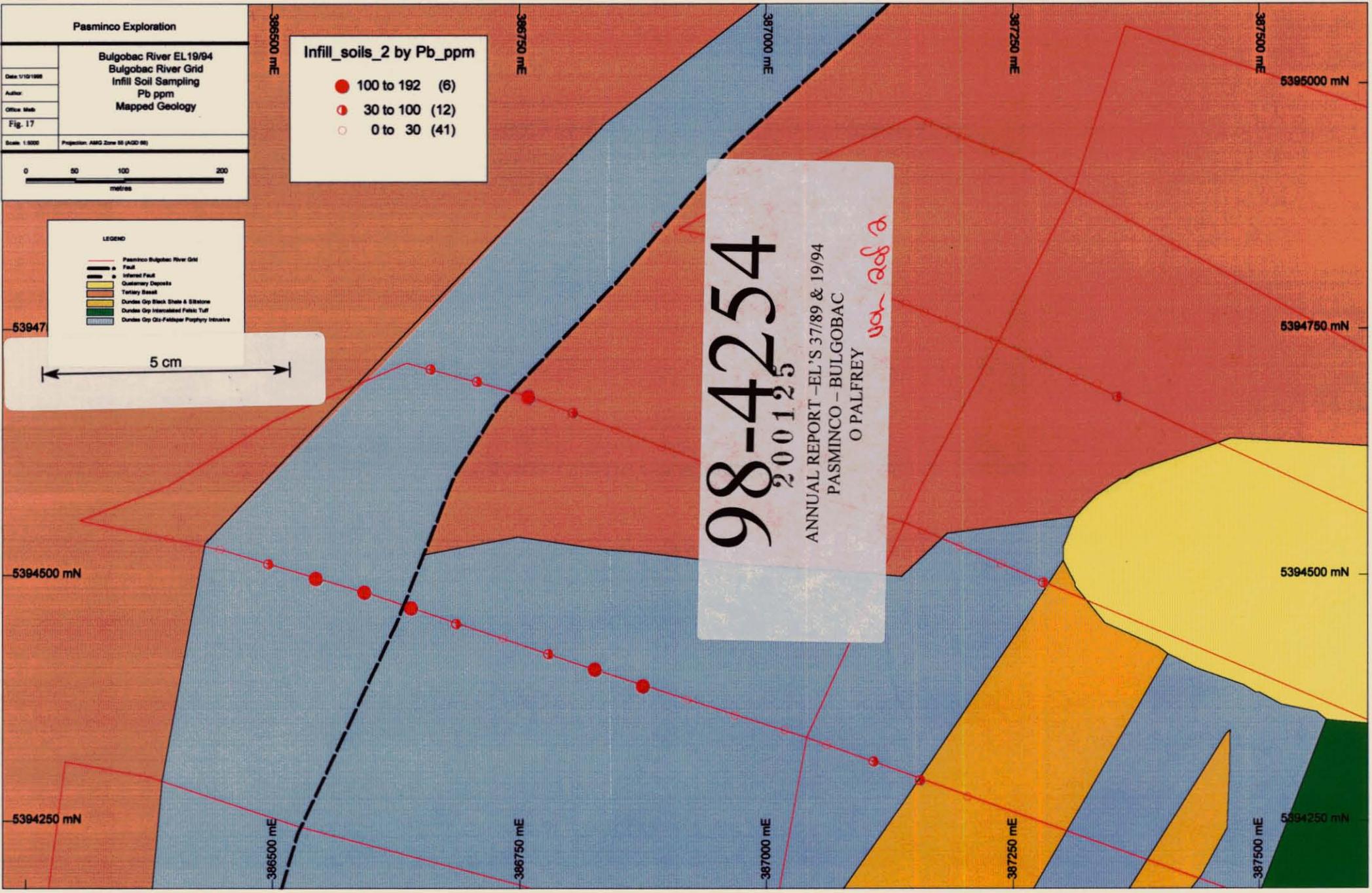
- 100 to 192 (6)
- 30 to 100 (12)
- 0 to 30 (41)

LEGEND

- Pasminco Bulgobac River Grid
- Fault
- Inferred Fault
- Quaternary Deposits
- Tertiary Basalt
- Dundas Grp Black Shale & Siltstone
- Dundas Grp Interbedded Felsic Tuff
- Dundas Grp Qtz-Feldspar Porphyry Intrusive

5 cm

98-4254
200125
ANNUAL REPORT - EL'S 37/89 & 19/94
PASMINGO - BULGOBAC
O PALFREY
not 2 of 2



Pasminco Exploration

Bulgobac River EL19/94
Bulgobac River Grid
Infill Soil Sampling
Cu ppm
Mapped Geology

Date: 1/10/1998
Author:
Office Mail:
Fig. 18
Scale: 1:5000
Projection: AMG Zone 55 (AGD 86)

0 50 100 200
metres

Infill_soils_2 by Cu_ppm

- 50 to 80 (5)
- 30 to 50 (29)
- 0 to 30 (23)

LEGEND

- Bulgobac River Grid
- - - Fault
- - - Inferred Fault
- Quaternary Deposits
- Tertiary Basalt
- Dundas Gp Black Shale & Siltstone
- Dundas Gp Interstratified Felsic Tuff
- Dundas Gp Qz-Feldspar Porphyry Intrusive

53947

5 cm

5394500 mN

5394250 mN

386500 mE

386750 mE

387000 mE

387250 mE

387500 mE

5394750 mN

5395000 mN

98-4254

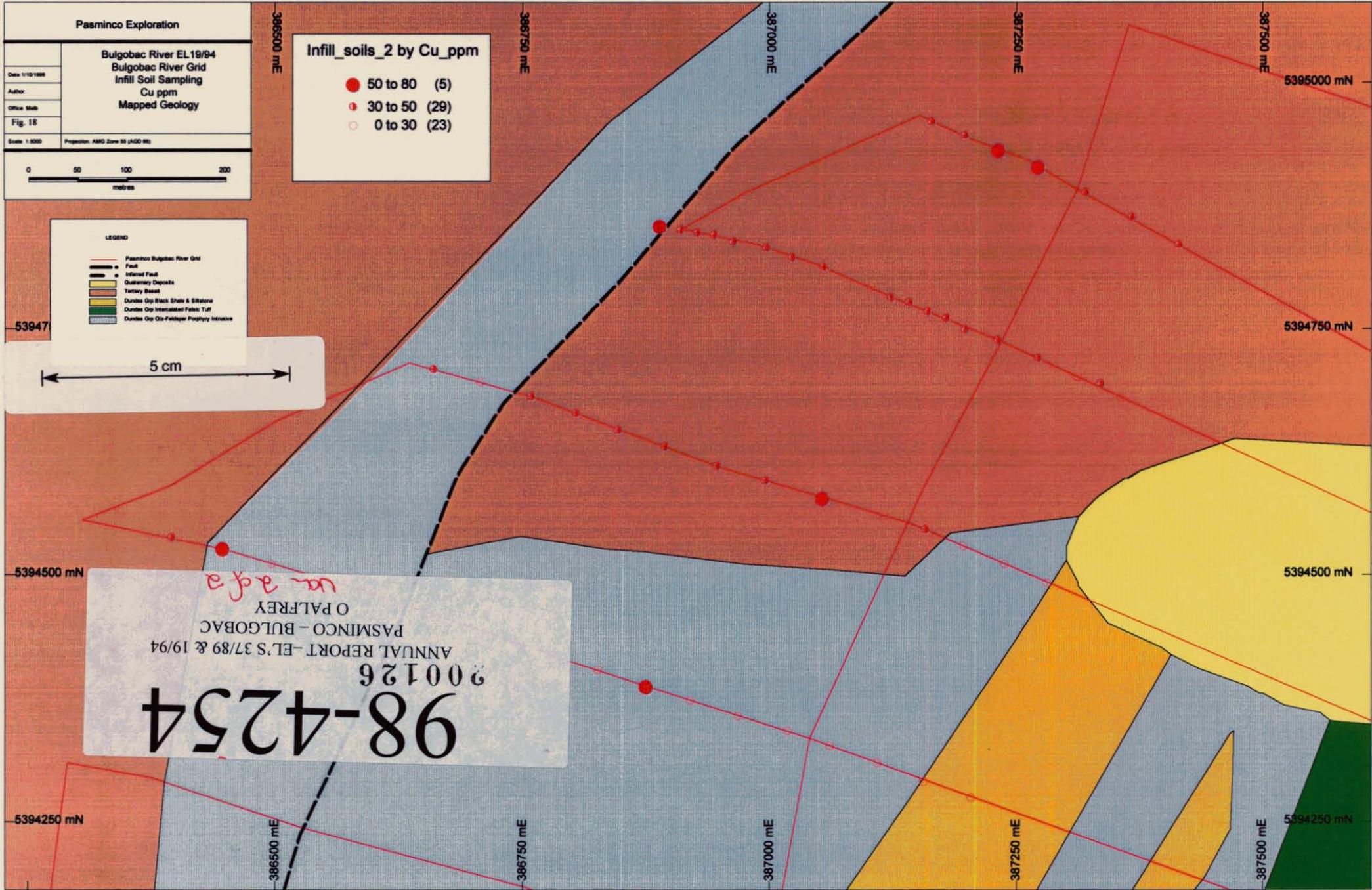
200126

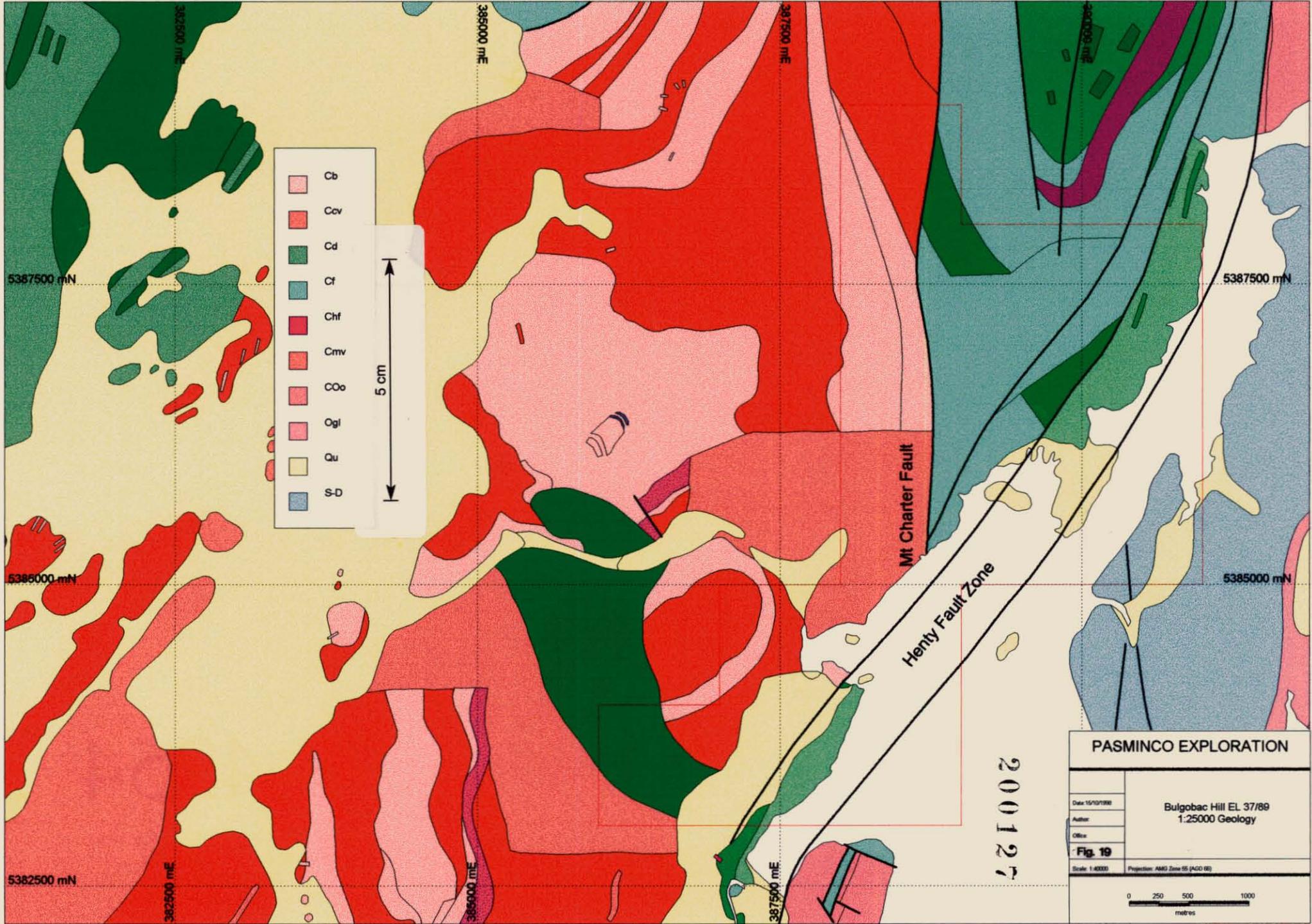
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PASMINCO - BULGOBAC

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na afa





200127

PASMINCO EXPLORATION

Date: 15/10/1998	Bulgobac Hill EL 37/89 1:25000 Geology
Author:	
Office:	
Fig. 19	
Scale: 1:25000	Projection: AMG Zone 55 (AGU 85)

0 250 500 1000 metres

98-4254

ANNUAL REPORT - EL'S 37/89 & 19/94
PASMINGO - BULGOBAC
O PALFREY
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Bulgobac Hill EL 37/89

Tullabardine Grid 87000N

Lake Mackintosh Grid

Lake Mackintosh

5 cm

200128

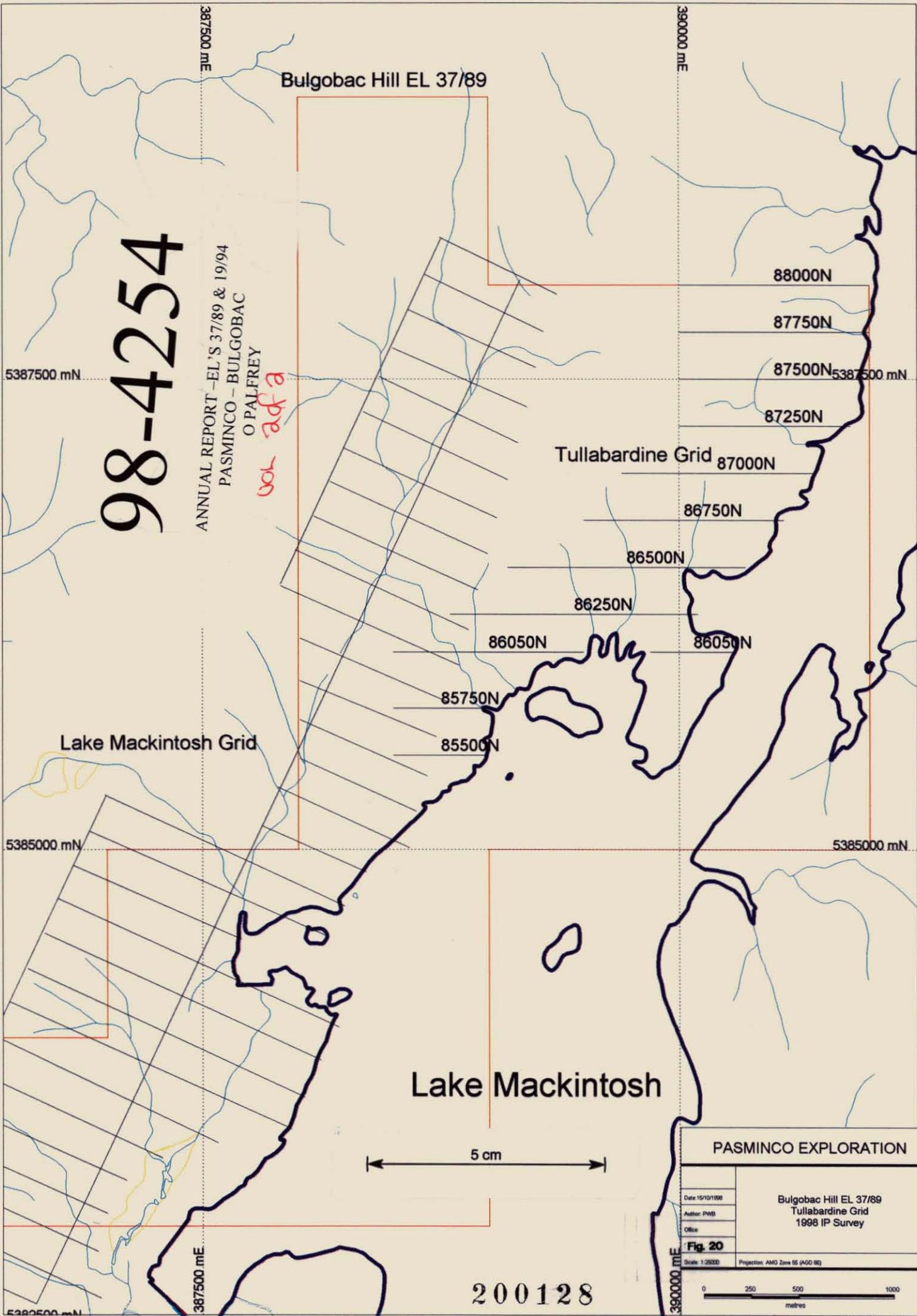
PASMINGO EXPLORATION

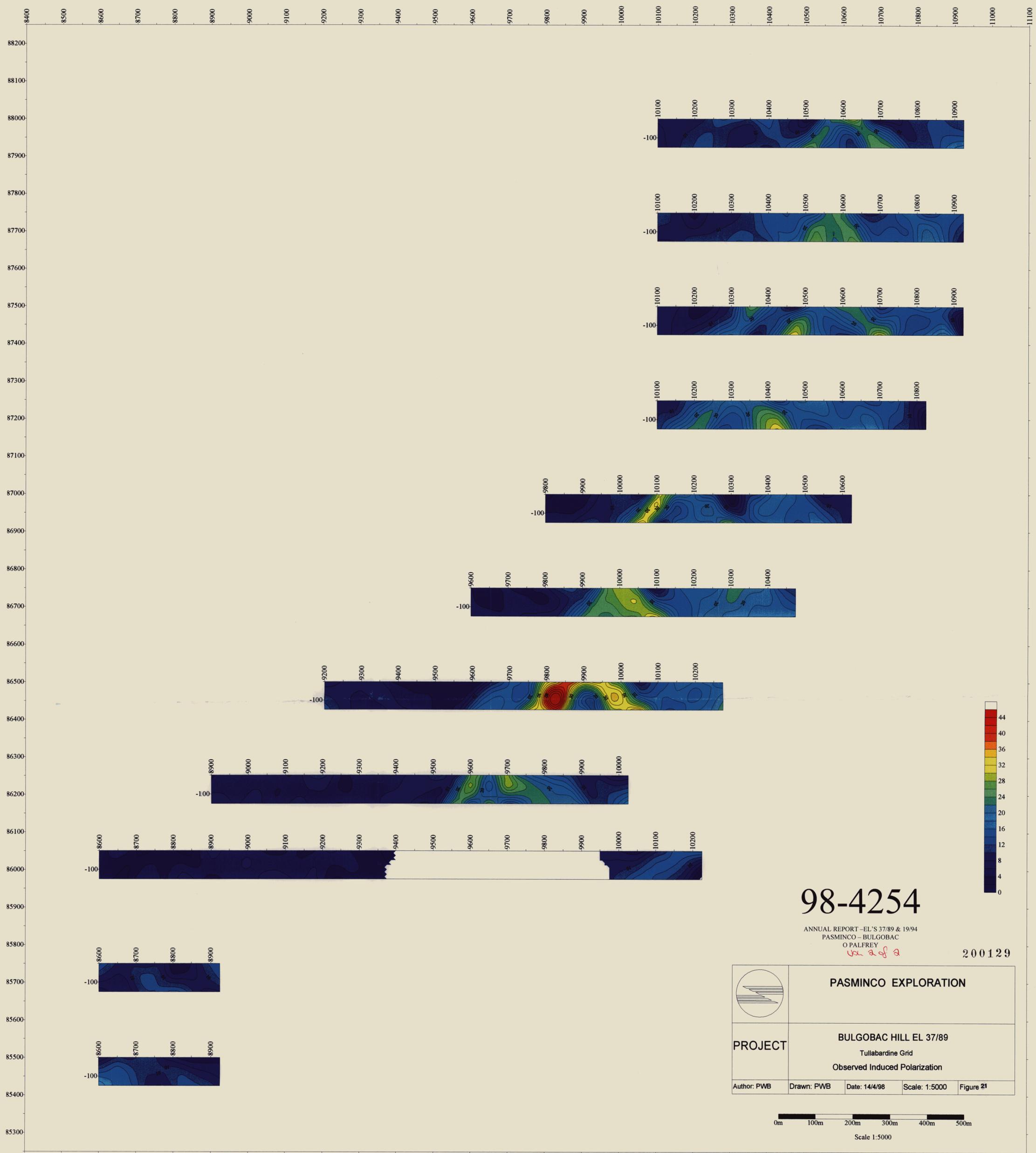
Date: 15/10/1998
Author: PWB
Office:
Bulgobac Hill EL 37/89
Tullabardine Grid
1998 IP Survey

Fig. 20

Scale: 1:2000 Projection: AMG Zone 55 (AGD 85)

0 250 500 1000
metres





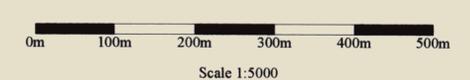
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ANNUAL REPORT - EL'S 37/89 & 19/94
 PASMINGO - BULGOBAC
 O PALFREY

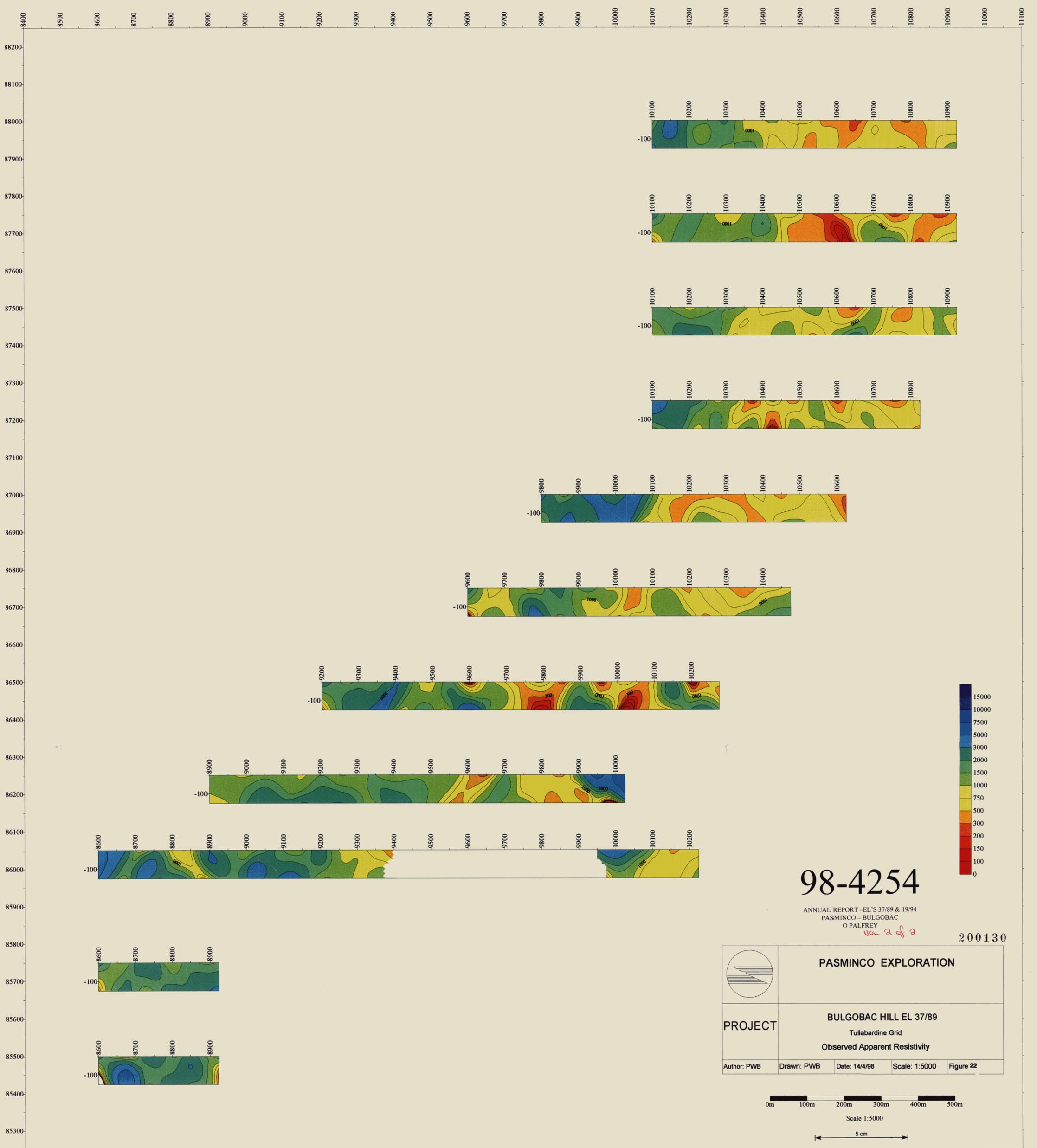
vx 2 of 2

200129

	PASMINGO EXPLORATION			
	PROJECT BULGOBAC HILL EL 37/89 Tullabardine Grid Observed Induced Polarization			
Author: PWB	Drawn: PWB	Date: 14/4/98	Scale: 1:5000	Figure 21



5 cm



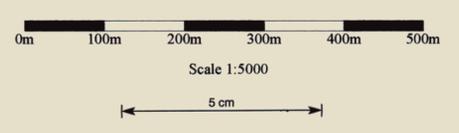
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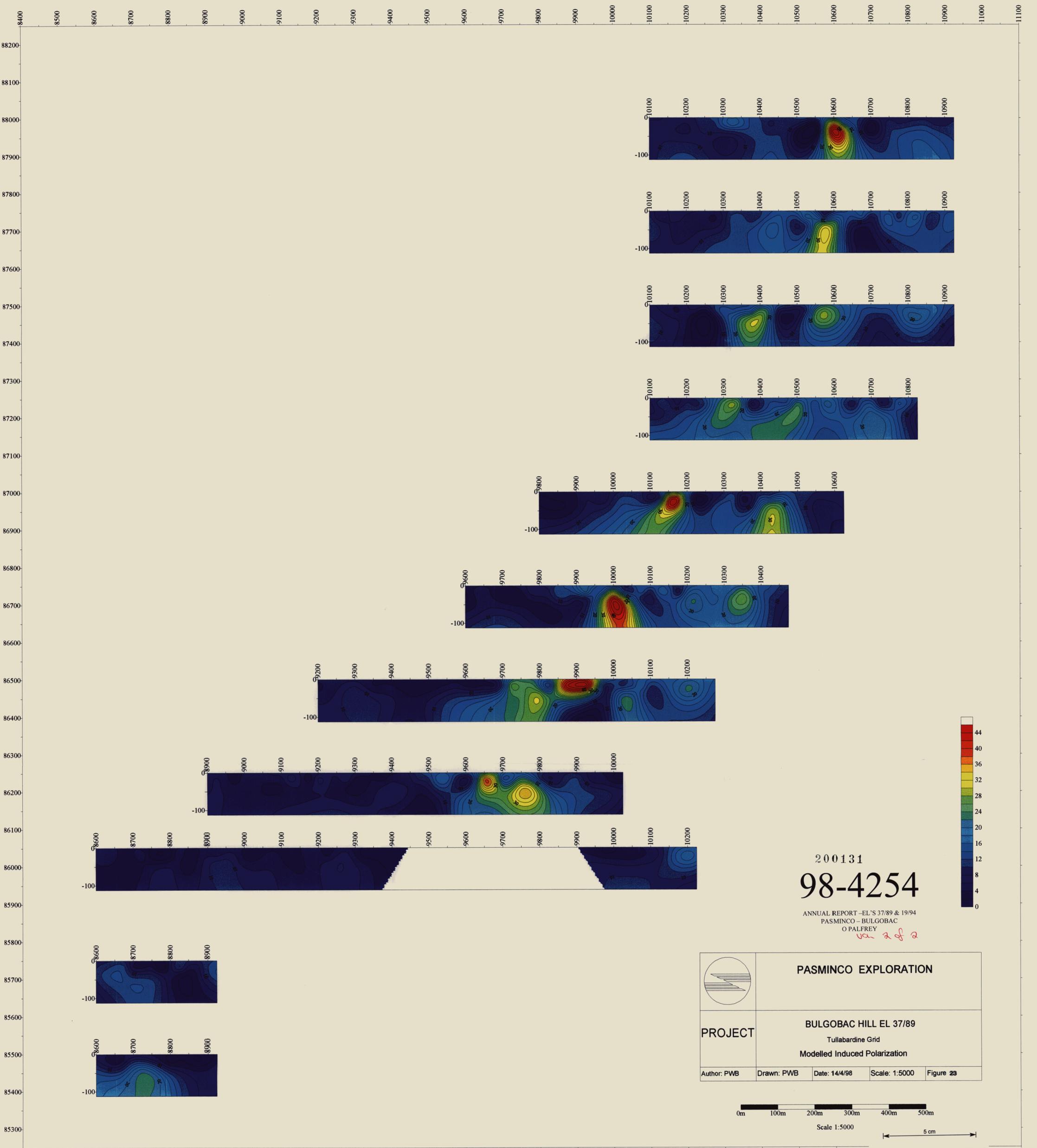
ANNUAL REPORT - EL'S 37/89 & 19/94
 PASMINGO - BULGOBAC
 O PALFREY

Vol 2 of 2

200130

	PASMINGO EXPLORATION			
	PROJECT BULGOBAC HILL EL 37/89 Tullabardine Grid Observed Apparent Resistivity			
Author: PWB	Drawn: PWB	Date: 14/4/98	Scale: 1:5000	Figure 22

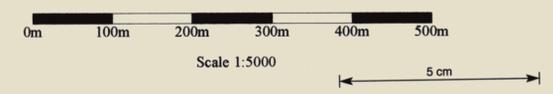


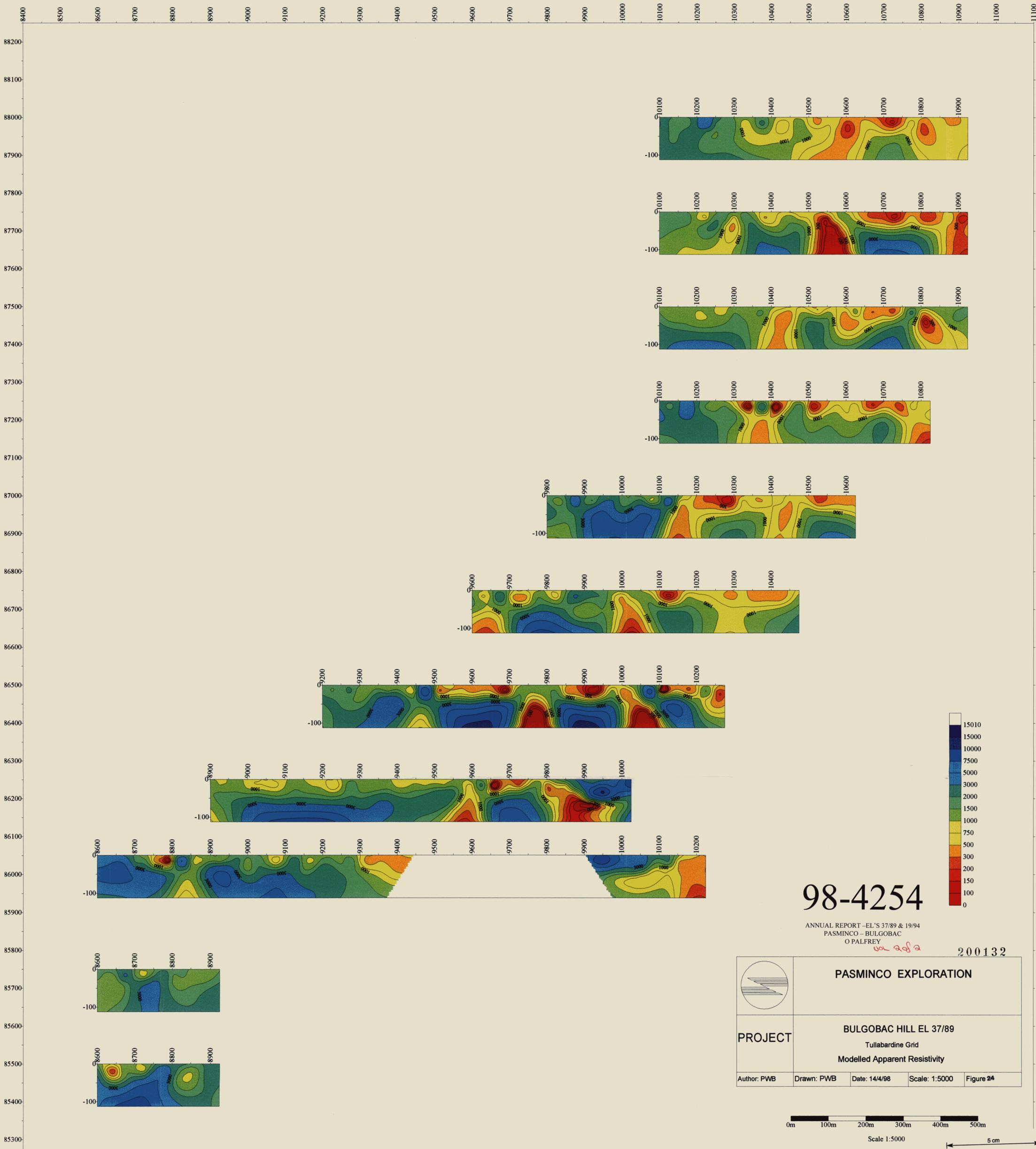


200131
98-4254

ANNUAL REPORT - EL'S 37/89 & 19/94
 PASMINGO - BULGOBAC
 O PALFREY
va 2 of 2

	PASMINGO EXPLORATION			
	PROJECT BULGOBAC HILL EL 37/89 Tullabardine Grid Modelled Induced Polarization			
Author: PWB	Drawn: PWB	Date: 14/4/98	Scale: 1:5000	Figure 23





98-4254

ANNUAL REPORT - EL'S 37/89 & 19/94
 PASMINGO - BULGOBAC
 O PALFREY

see 2 of 2

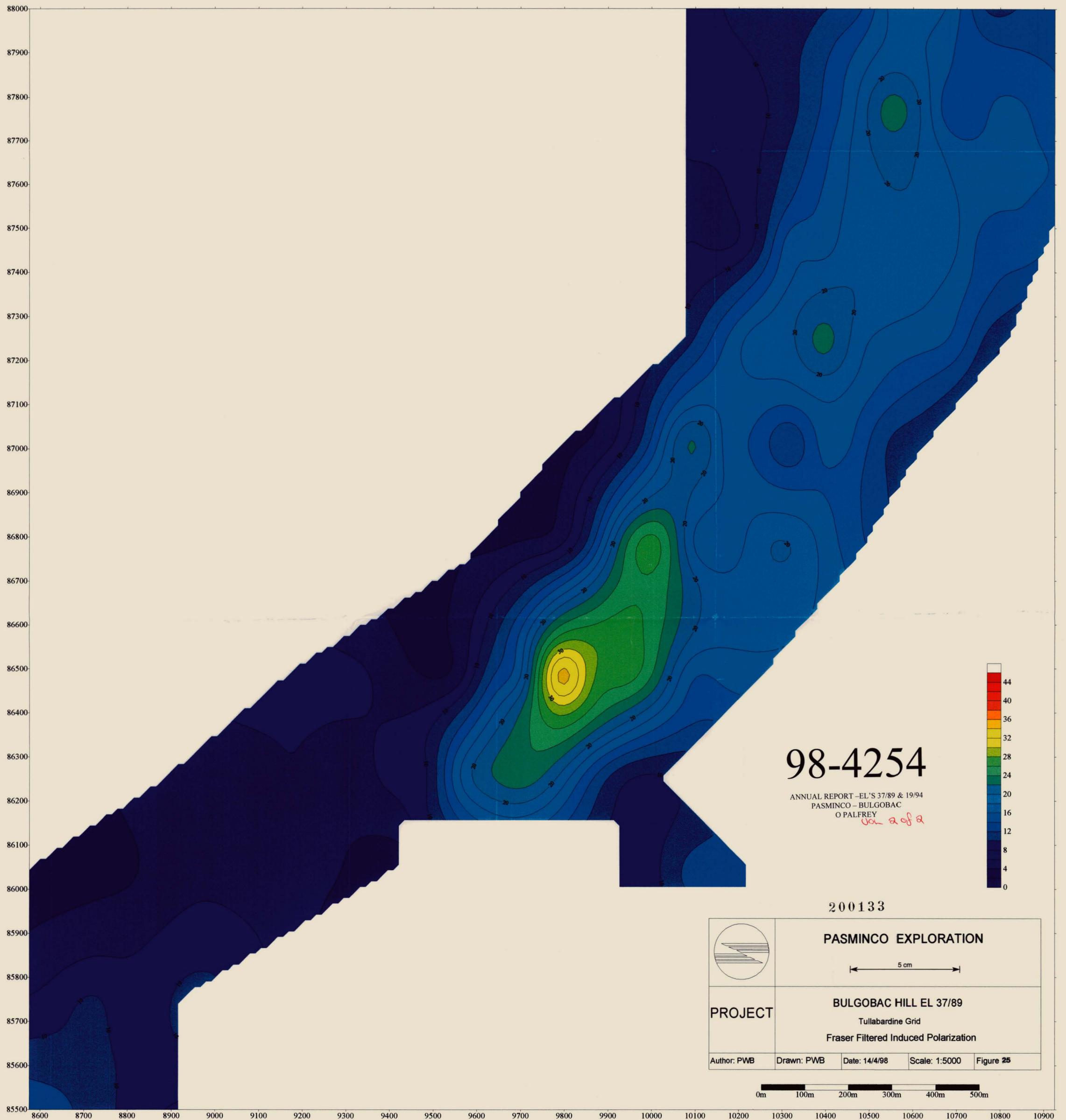
200132

PROJECT	PASMINGO EXPLORATION			
	BULGOBAC HILL EL 37/89 Tullabardine Grid Modelled Apparent Resistivity			
Author: PWB	Drawn: PWB	Date: 14/4/98	Scale: 1:5000	Figure 24



Scale 1:5000

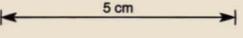
5 cm



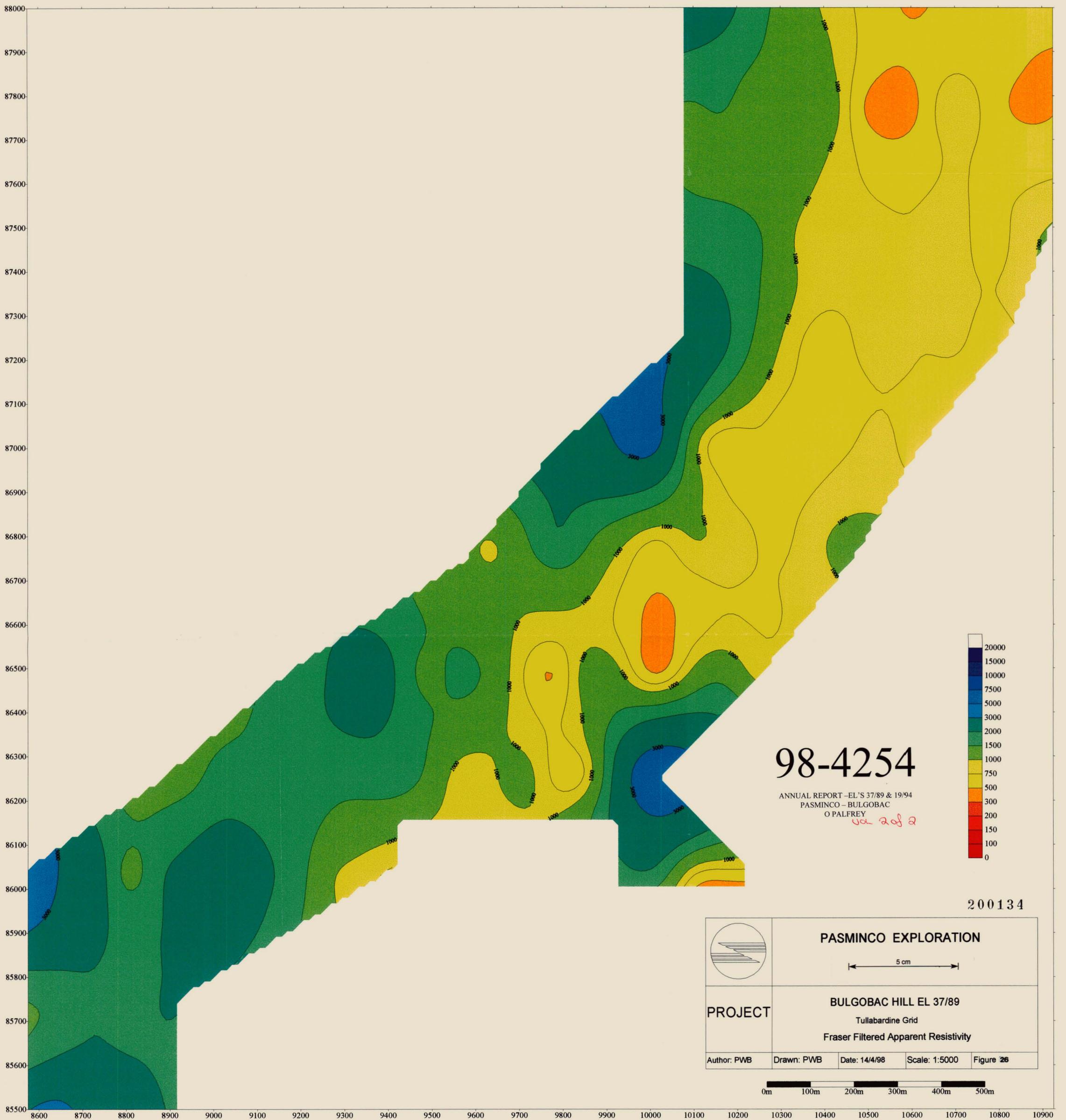
98-4254

ANNUAL REPORT - EL'S 37/89 & 19/94
 PASMINGO - BULGOBAC
 O PALFREY
Vol 2 of 2

200133

	PASMINGO EXPLORATION			
				
PROJECT	BULGOBAC HILL EL 37/89 Tullabardine Grid Fraser Filtered Induced Polarization			
Author: PWB	Drawn: PWB	Date: 14/4/98	Scale: 1:5000	Figure 25

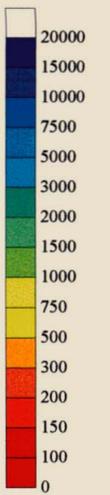




98-4254

ANNUAL REPORT - EL'S 37/89 & 19/94
 PASMINGO - BULGOBAC
 O PALFREY

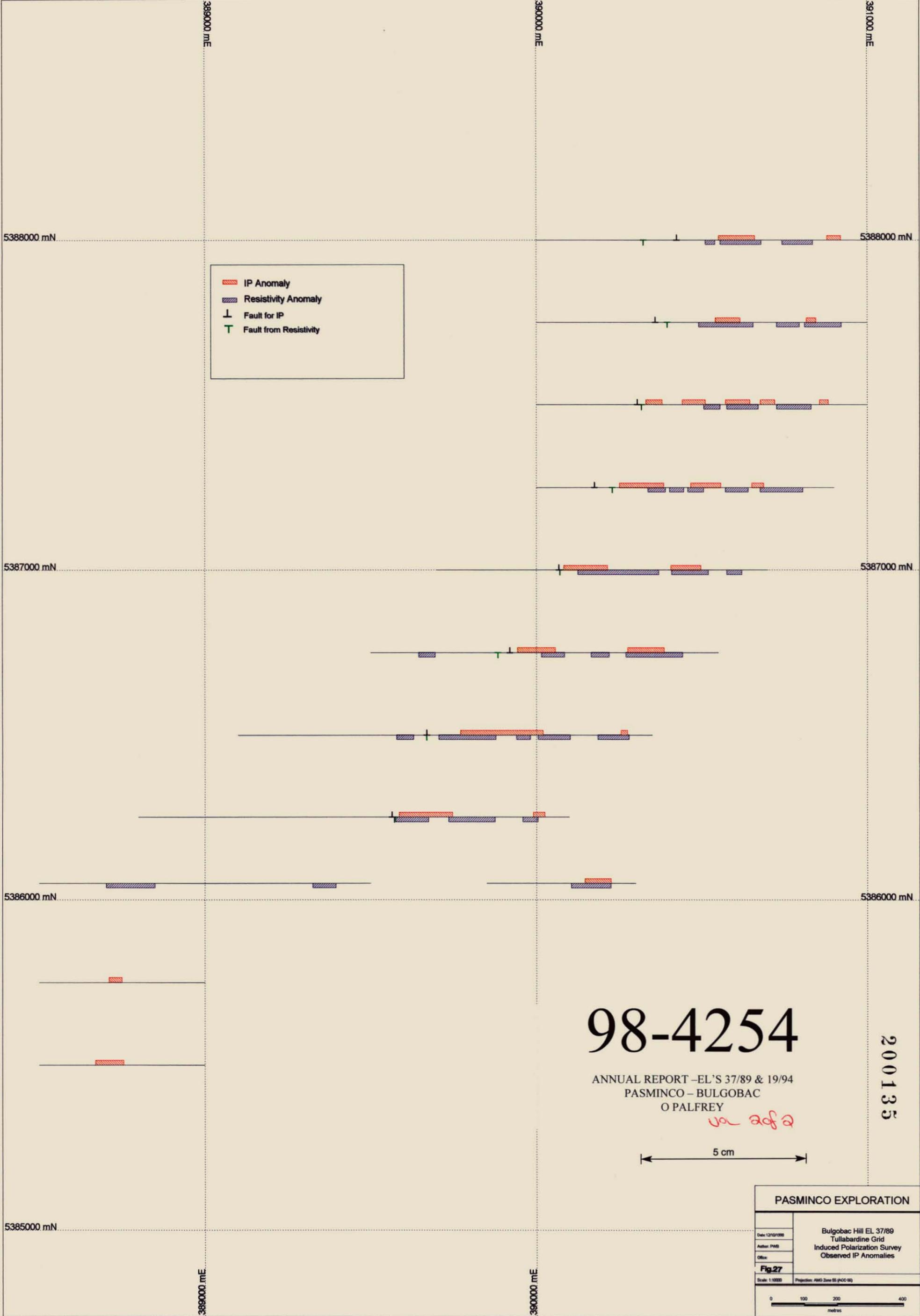
vol 2 of 2



200134

	PASMINGO EXPLORATION			
PROJECT	BULGOBAC HILL EL 37/89			
	Tullabardine Grid			
	Fraser Filtered Apparent Resistivity			
Author: PWB	Drawn: PWB	Date: 14/4/98	Scale: 1:5000	Figure 26





98-4254

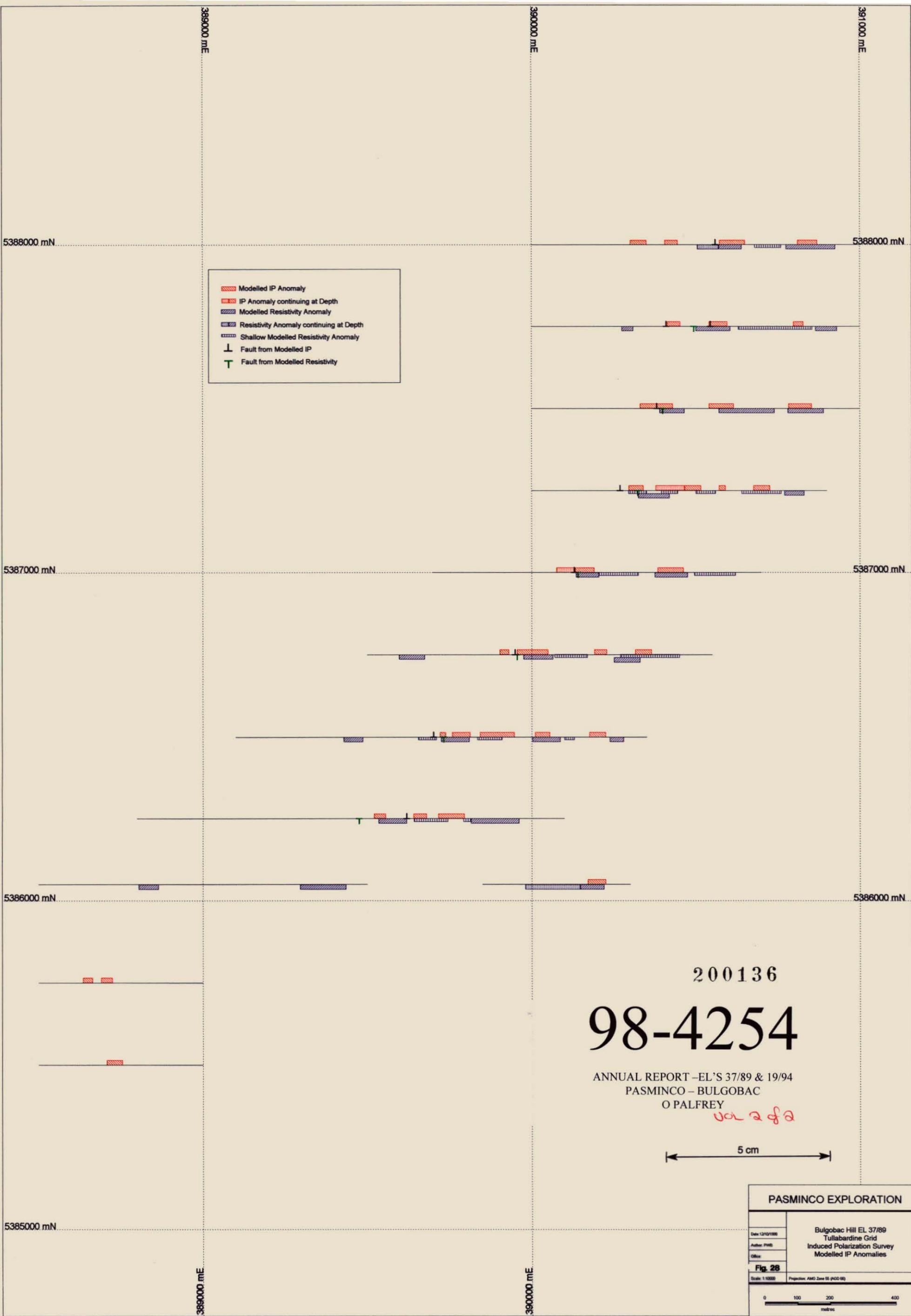
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 PASMINGO - BULGOBAC
 O PALFREY

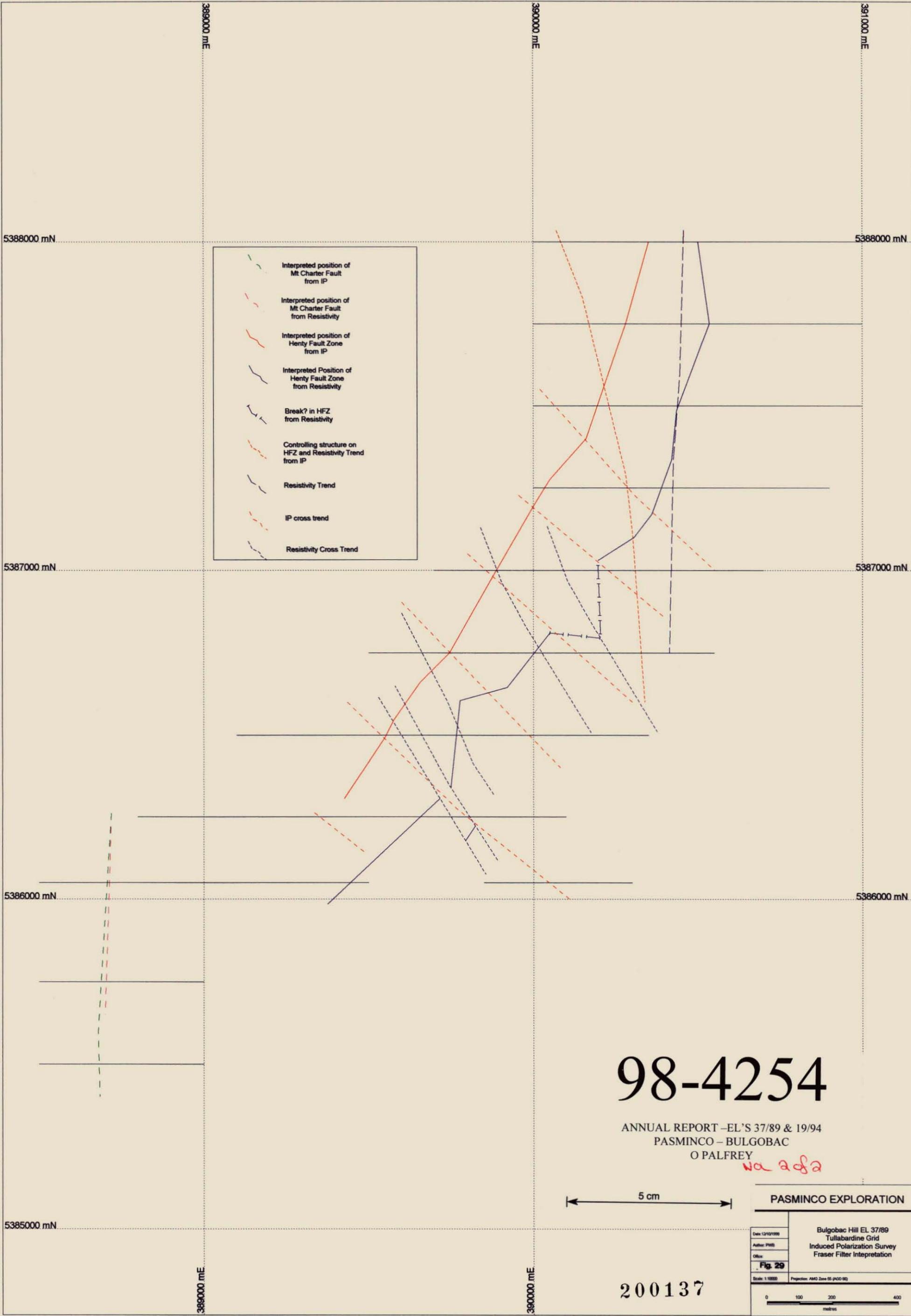
wa 20/2

5 cm

200135

PASMINGO EXPLORATION	
Date: 12/10/98	Bulgobac Hill EL 37/89 Tullabardine Grid Induced Polarization Survey Observed IP Anomalies
Author: PMS	
Office:	
Fig 27	
Scale: 1:1000	Projection: AMG Zone 55 (MAD 88)





- Interpreted position of Mt Charter Fault from IP
- Interpreted position of Mt Charter Fault from Resistivity
- Interpreted position of Henty Fault Zone from IP
- Interpreted Position of Henty Fault Zone from Resistivity
- Break? in HFZ from Resistivity
- Controlling structure on HFZ and Resistivity Trend from IP
- Resistivity Trend
- IP cross trend
- Resistivity Cross Trend

98-4254

ANNUAL REPORT - EL'S 37/89 & 19/94
 PASMINGO - BULGOBAC
 O PALFREY

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5 cm

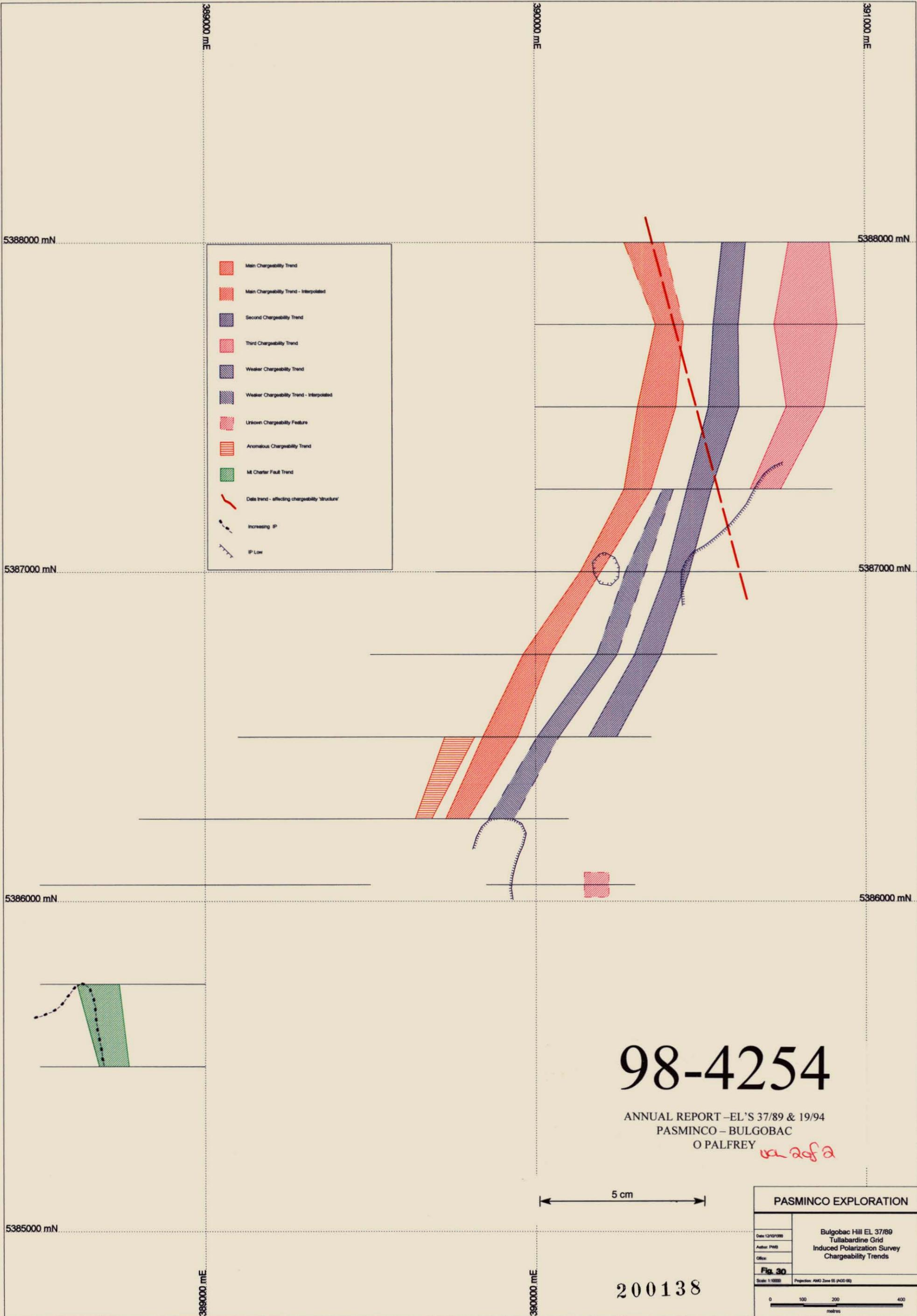
PASMINGO EXPLORATION

Bulgobac Hill EL 37/89
 Tullabardine Grid
 Induced Polarization Survey
 Fraser Filter Interpretation

Fig. 29
 Scale: 1:10000 Projection: AMG Zone 55 (AGD 84)



200137



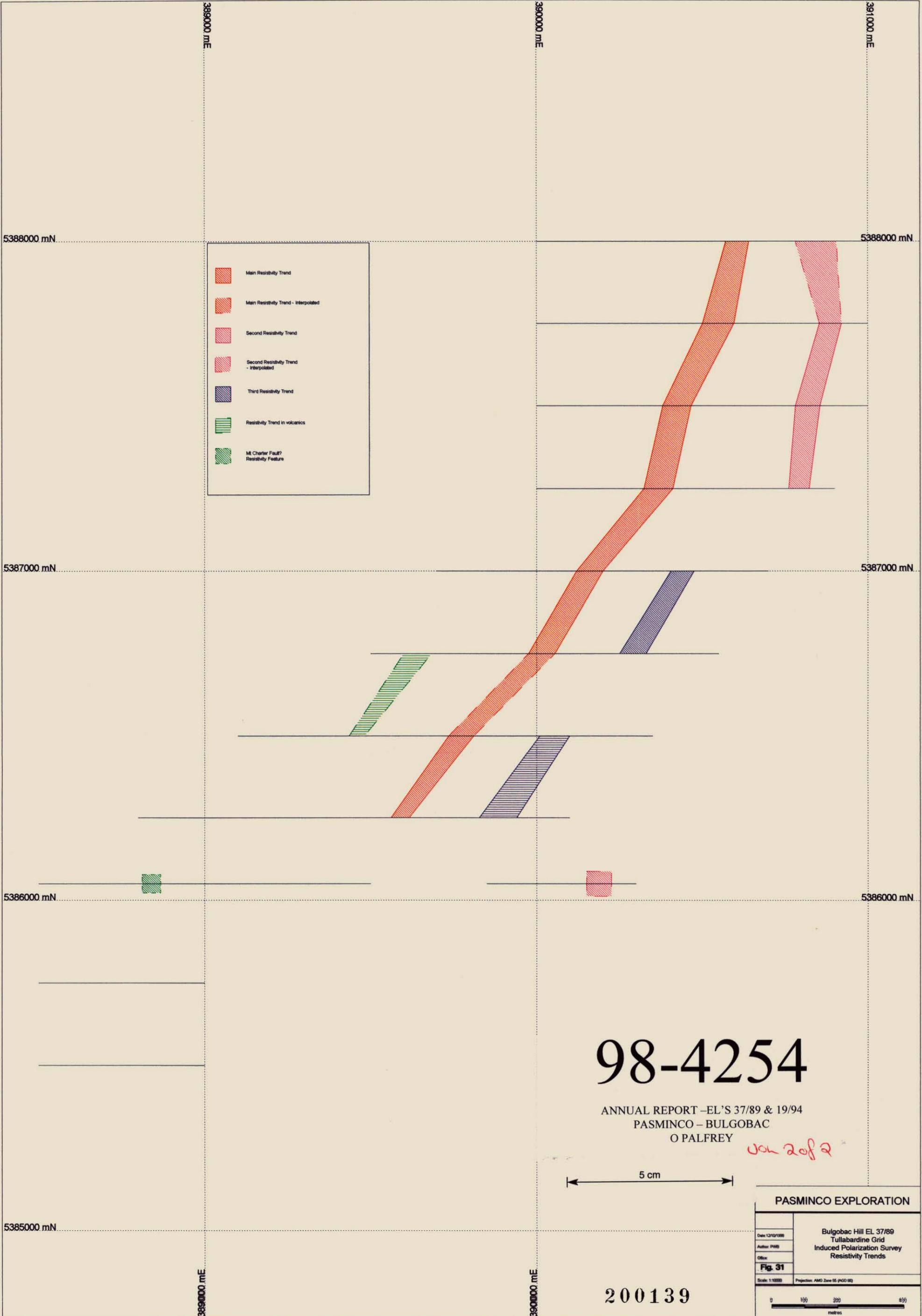
98-4254

ANNUAL REPORT - EL'S 37/89 & 19/94
 PASMINGO - BULGOBAC
 O PALFREY *va 2 of 2*

5 cm

200138

PASMINGO EXPLORATION	
Date: 12/10/1998	Bulgobac Hill EL 37/89 Tullabardine Grid Induced Polarization Survey Chargeability Trends
Author: PMS	
Office:	
Scale: 1:10000	Projection: AMG Zone 55 (AGD 84)



98-4254

ANNUAL REPORT -EL'S 37/89 & 19/94
 PASMINGO - BULGOBAC
 O PALFREY

van 2 of 2

5 cm

200139

PASMINGO EXPLORATION	
Date: 12/10/99	Bulgobac Hill EL 37/89 Tullabardine Grid Induced Polarization Survey Resistivity Trends Fig. 31
Author: PWB	
Office:	
Scale: 1:10000	
Projection: AMG Zone 55 (AGD 88)	