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Annual Report - Mt Charter -EL10/98 - P.E. June 2000

Pasminco Exploration*
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TASMANIA





**PASMINCO EXPLORATION**

# MT. CHARTER EL 10/98

## ANNUAL REPORT FOR THE PERIOD ENDING JUNE 2000

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**Date:** June 2000

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## 1. SUMMARY

This report details exploration work undertaken within the Mt. Charter EL 10/98 for the period ending the 30th of June 2000.

EL 10/98 was granted to Pasminco Exploration in 1998 for a period of 5 years. The tenement area spans 17km$^2$ and is partially overlain by CML's 103M/87 (Hellyer) and 68M/84 (Que River) and easement 10W/80 (covering the Que River Mine access Road) all of which are held by Western Metals Resources.

The tenement is underlain, at a depth of 100-200m, by the highly prospective Que-Hellyer Volcanics, which are relatively under-explored. During the second year of tenure, exploration work consisted of grid cutting over the Bronco area with subsequent DGPS surveying and PL soil sampling. This griding and sampling work was designed to cover and identify buried and blind mineralisation at the prospective buried Que-Hellyer ore position. No significant targets worthy of follow-up were located.

## 2. INTRODUCTION

This report details exploration work undertaken, during the second year of tenure, on the Mt. Charter EL 10/98 during the period July 1 1999 to June 30 2000.

The location of the tenement is shown in Figure 1. It covers part of the Que-Hellyer Volcanics (QHV) and associated sequences of the Mount Read Volcanics. The QHV are a highly mineralised package which hosts the Hellyer (discovered in 1983; 17 mt @ 13.8% Zn, 7.2% Pb, 0.3% Cu, 167 g/t Ag and 2.5 g/t Au), Que River (Discovered in 1974; 3.3 mt @ 13.3% Zn, 7.4% Pb, 0.7% Cu, 195 g/t Ag and 3.3 g/t Au) and Mt Charter (10mt @ 1.0 g/t Au) VHMS deposits. The presence of this mineralisation led to sustained and extensive exploration by Aberfoyle Resources over a 27-year period (1970-1997). The results of this exploration have been summarised in detail by McNeill et al. (1998) and Anon (1986).

## 3. TENURE

EL 10/98, 17 sq. Km, was granted to Pasminco Exploration for a period of 5 years, as a result of a competitive tender for the former EL 106/87, relinquished by Aberfoyle Resources on 5 February 1998. The area granted to Pasminco is partially overlain by CML's 103M/87 (Hellyer) and 68M/84 (Que River) and easement 10W/80 (covering the Que River Mine access Road) all of which are held by Western Metals Resources.

## 4. REGIONAL GEOLOGY

The following description of the setting and geology of the Mt. Charter licence area, as shown in figure 2, is a modified version of that presented in McNeill et al. (1998).

The prospective volcanic package, underlying the majority of the licence form part of the Mt. Charter Group (as defined by Corbett, 1992). The economically significant unit of the Mt Charter Group is the Que-Hellyer Volcanics (QHV) which host the Hellyer, Que River and Mt. Charter VHMS bodies. Published descriptions of the volcanology, stratigraphy and primary lithogeochemistry of the QHV include Waters and Wallace (1992), Corbett (1992) and Crawford et al (1992).

The QHV are a sequence of marine calc-alkaline mafic to felsic volcanics and volcaniclastics deposited/erupted into an extensional basin interpreted to develop as a result of movement on regional synvolcanic faults such as the Henty, Mt. Charter and Mt. Cripps Faults. The QHV can be broadly subdivided into a lower sequence of basalt and feldspar phyric andesite lava

and volcaniclastic (geochemical suite 1 of Crawford et al. (1992)) separated from an upper sequence of dominantly basaltic rocks (geochemical suite 3) by a complex interval known as the Mixed Sequence. The Mixed Sequence marks a relatively quiescent period dominated by polymict epiclastics and numerous small volume dacitic lava/breccia bodies. The thickness of the Mixed Sequence varies from a few centimetres to more than 300m whilst the total thickness of the QHV can vary from around 20m (in the NW) to more than 1.5 kilometres in the vicinity of the orebodies.

In the south and southeast of the licence the QHV are conformably and gradationally underlain by the Animal Creek Greywacke, micaceous (chromite-bearing) siliciclastic greywacke and siltstone intruded by rare dolerites (geochemically similar to the suite 3 hangingwall basalts and andesites) and dacitic dykes. To the east the Henty Fault Zone juxtaposes the QHV against quartz-phyric volcaniclastics and intrusive (Tyndall Group or Southwell Subgroup equivalents) and overlying siliciclastic conglomerates and sandstones (Owen Conglomerate). To the west, around the Murchison Highway, the QHV are conformably overlain by the Que River Shale, black carbonaceous and pyritic shale and siltstone, and the basal part of the Southwell Subgroup, polymict quartz-phyric mass flows with minor shale and rhyolitic intrusives.

A strong Cambrian structural control was recognised by Aberfoyle for the formation and morphology of the QHV basin and associated VHMS mineralisation (Richardson, 1992). A network of syndepositional NE (mine grid) trending normal faults linked by NW trending transfer faults has been interpreted, by Aberfoyle, from facies and thickness variations, magnetics, gravity etc. In addition, a major NNE half graben like structure extends at least from Que River to Hellyer, hosting the two orebodies and localising strong footwall alteration. This structural zone is interpreted to relate to oblique extensional reactivation of a deep tapping, basement structure. Compressional structures are thought to largely reflect reactivation of these syndepositional structures during the ?Late Cambrian, Devonian and Mesozoic events.

## 5. PREVIOUS EXPLORATION

Previous exploration on the area of EL 10/98 is briefly summarised below. For additional detail the reader is referred to the comprehensive reviews of previous work in McNeill et al. (1998) and Anon (1986).

An initial phase of exploration, including Airborne EM, stream sediment sampling and reconnaissance mapping was followed up by VHEM, magnetics, soil geochemistry and mapping led to the discovery of Que River in 1974. Following the discovery of Que River orientation surveys indicated that IP and 'C' horizon soil geochemistry optimised target definition (Webster and Skey, 1979). These two techniques were to form the basis of a sustained program of exploration over the QHV, however, by late 1981 no coincident soil/IP

anomalies of the same magnitude of Que River had been located and it was realised that additional deep search techniques would be required (Anon, 1986). During 1982 deep search geophysical systems were evaluated and after trials over Que River UTEM was selected and by June 1983 surveys over the prospective QHV had been completed. Some 34 conductors were located and ranked. The highest priority target, coincident with elevated soil geochemistry, and barite and fuchsite alteration was tested and resulted in the discovery of Hellyer. In the period after this discovery exploration was largely led by the application of ground TDEM techniques for direct target definition to depths of 150-200m. However, by 1988 the outcropping QHV had largely been covered by TDEM surveys and the only targets defined by these surveys were downgraded as artefacts or false anomalies (lithological conductors).

Post 1993 target generation focussed on defining deep targets through integrating geological, geophysical and geochemical data and developing a three dimensional structural model of the QHV basin (Richardson, 1993). This approach was based upon recognition of the close association of both Hellyer and Que River orebodies with district scale structures and the more general observation that VHMS deposits are always associated with co-active faults. Targets generated by this process and tested (usually by diamond drilling) have been described in the relevant annual reports. Several targets remained untested at the time of relinquishment of EL 106/87 and these formed the basis of Pasminco's first year of exploration on EL 10/98.

In 1999 Pasminco Exploration carried out a compilation of previous exploration data and incorporated this information into Pasminco's databases. A review of potential targets on the EL was also conducted based largely on structural targets defined by Aberfoyle. One area (the Amoeba Zone and Bronco prospects) was followed up by refurbishment and extension of existing griding and partial leach soil sampling. To test the Amoeba Zone and Bronco prospects a total of 10.25 line km of existing 200m spaced Aberfoyle grid was refurbished and 2.5 line km of new grid was cut. This griding was then located using DGPS (60 stations) and 'B' horizon soil samples were collected at 25m spacings. A total of 535 soil samples (including standards and duplicates) were submitted to Amdel for analysis of Cu, Pb, Zn, Ba, As, Au, Ag, Cd, Co, Bi, Mo, Ni, Sb, La and Sm by method Deepleach 37. Based on the results of this survey there are no base metal targets worthy of follow-up on the Amoeba Zone - Bronco grid (McNeill, 1999).

## 6. WORK COMPLETED

Exploration work during the reporting period involved the following:

- Grid cutting over the **Bronco** area (3.6 line km) and subsequent DGPS surveying was carried out during the months of January-March. This work formed part of a much larger survey, on EL's 19/94 and 37/89, designed to cover the buried Que-Hellyer ore position, where it is interpreted to be within 500m of surface, in the area between the Mt Charter Fault MMI survey (Parfrey and McNeill, 1999) to the west, the BHP/Pasminco drilling at High Point, to the south, and the CSR/Placer Drilling around Que Road, to the north.
- Partial Leach soil sampling of the **Bronco** Grid was carried out during March and April with a total of 133 samples collected, including duplicates and standards. Randomised sample numbers were used to reduce the effect of analytical variations and samples were collected on 25m spacings. These samples were analysed for Cu, Pb, Zn, Ba, As, Au, Ag, Cd, Co, Bi, Mo, Ni, Y, Zr, La, Ce, Sm, Eu and Gd by method Deepleach 42 at Amdel. Results are included as Appendix 1 and sample locations are shown on plate 1.

### 6.1 Results

As sampling was completed as part of a much larger survey assays were spread over three analytical batches, however, Quality control data (internal standards and duplicates) for all batches appear to be good. Only one sample had a low post-digest pH(<8.0) and this sample (338031) was therefore excluded from any further interpretation. When viewed in conjunction with data from the adjacent EL 19/94 it was obvious that there was a strong anomaly train, in several elements, following the Murchison Highway. It is interpreted that, as with data collected last year (McNeill, 1999), the anomaly results from contamination by wind-blown dust from ore trucks carting ore from Hellyer to Luina. To reduce the effects of this problem samples within 50m of the Murchison Highway were deleted from the data used for interpretation.

Grided images of raw soil assay data collected over the Bronco area are presented as Figures 3 – 11. It can be seen that there is a strong anomaly train in Cu, As, Ag, Au and Ba (also obvious in Bi, Co, Mo and Ni) that appears to coincide with outcropping Que River Shale. Elevated Pb and Zn are not as obviously associated with the shale, but, these elements may still be affected by contamination from the adjacent Murchison Highway.

Results for the entire Amoeba Zone –Bronco area are shown on Figures 12 – 19. As these represent the results of several analytical batches using different analytical regimes (Deepleach 37 for the 1999 Amoeba Zone survey vs Deepleach 42 for the 2000 Bronco survey) the data were levelled by analytical batch number using the median value of each element (note in this process all below detection values were assigned a nominal value of half the detection limit) prior to griding. It can be seen that Ag and As largely respond to areas of

Que River shale (with an along line 'artefact' on line 8000N), whereas Au although elevated over the shale also defines the Amoeba Zone alteration. Cu appears to reflect the Que River Shale in the Bronco survey, but, more closely follows the basalt in the Amoeba Zone data (a function of different leach types? A similar effect may be seen in the Bi data, where values are uniformly higher in the Bronco survey). The most anomalous Pb results still appear to be the linear feature on line 6600N (Amoeba Zone), while the most prominent Zn-anomalism appears to follow the Que River Mine Access Road and is most likely contamination.

On the basis of these results there are no anomalies worthy of any further follow-up.

## 7. CONCLUSIONS AND RECOMMENDATIONS

### 7.1 Amoeba Zone and Bronco

Based on the current interpretation of the partial leach soil data there are no strong, coherent Zn-Cd anomalies that are not potentially related to contamination from ore hauling. The most obvious anomaly train appears to be related to a lithological unit (the Que River Shale). No further work can be recommended on the basis of these results.

There still remains a relatively untested, by partial leach soil sampling, corridor extending 1 km south from the Amoeba Zone survey to the northern boundary of RL 9711. It is recommended that during the next year partial leach soil sampling be extended south to cover this zone. All the soil geochemical data should then be reviewed in conjunction with the results of programs on the adjacent EL 37/89 and 19/94 to determine if there are any semi-regional targets that may warrant more detailed follow-up.

### 7.2 Other Prospects

The intersection of the Que - Cripps and Henty Faults, all interpreted to have long movement histories (from Cambrian to Devonian), lie ESE of the Que River mine in an area of complex geology, that, because it did not fit a classical VHMS model, was not explored in great detail by Aberfoyle. Results of previous exploration include spotty Au, As, Ag soil anomalism; Anomalous wacker samples from over Cripps fault in an area of thick (>30m) glacial cover (up to 925 ppm Zn, 6000 ppm Ba and 210 ppm As) and the delineation of the most prominent magnetic anomaly in the QHV. The 1995-1996 Aberfoyle ground EM survey (using a ZONGE GDP-16 system) covered the majority of the area, but, no partial leach soil sampling was completed. However, the eastern extension of the area of interest lies outside EL 10/98 and if any mineralisation was sufficiently connected, and EM loops were in the correct position to couple, then the area has been sterilised to a depth of 100-150m for a Que River size and conductivity target. Data from this prospect should be reviewed in detail prior to committing to any on-ground work.

## 8. EXPENDITURE

Total expenditure for all work undertaken by Pasminco Exploration within Mt. Charter EL 10/98 for the eleven month period ending 31 May 2000 was $28,966.18. A detailed expenditure statement is given below.

| | |
|---|---|
| Personnel | $12,485.18 |
| Travel and Accommodation | $586.87 |
| Geoscience Consultants | $66.20 |
| Geochemical Consultants & Assays | $3,297.50 |
| Drilling | $1.43 |
| Other Consultants | $5,253.61 |
| Stores & Supplies | $569.74 |
| Vehicles Plant & Equipment | $101.24 |
| Land | $1,787.14 |
| Computing | $145.31 |
| Office | $2,038.67 |
| Administration Fee 10% | $2,633.29 |
| **Total Tenement Expenditure** | **$28,966.18** |

## 9. KEYWORDS & LOCALITY

Keywords

ZINC, LEAD, COPPER, GOLD, STRUCTURE, ALTERATION, GEOCHEMISTRY, MOUNT READ, QUE HELLYER VOLCANICS, PARTIAL LEACH, SOILS

Location

BURNIE SK55-3

QUE RIVER, HELLYER, MT CHARTER

## 10. REFERENCES

Anon, 1986. Summary of exploration in the Mackintosh District, 1969 to 1986. Unpub. Report to Director of Mines by Aberfoyle Resources Pty. Ltd. (TCR 86-2521)

Corbett, K. D., 1992. Stratigraphic-Volcanic Setting of Massive Sulphide Deposits in the Cambrian Mount Read volcanics, Tasmania. Econ. Geol. 87:564-586.

Crawford, A.J., Corbett, K.D., and Everard, J.L., 1992. Geochemistry of the Cambrian Volcanic-Hosted Massive Sulfide-Rich Mount Read Volcanics, Tasmania, and Some Tectonic Implications: Econ. Geol., 87:597-619.

McNeill, A.W., deBomford, R., and Richardson, S., 1998. Exploration Licence 106/87 Lake Mackintosh, Relinquishment Report. Aberfoyle Resources Ltd. Unpub. Report (TCR 98-4116)

McNeill, A.W., 1999. Mt Charter EL 10/98, Annual Report for the period ending June 1999. . Pasminco Exploration Unpub. Report.

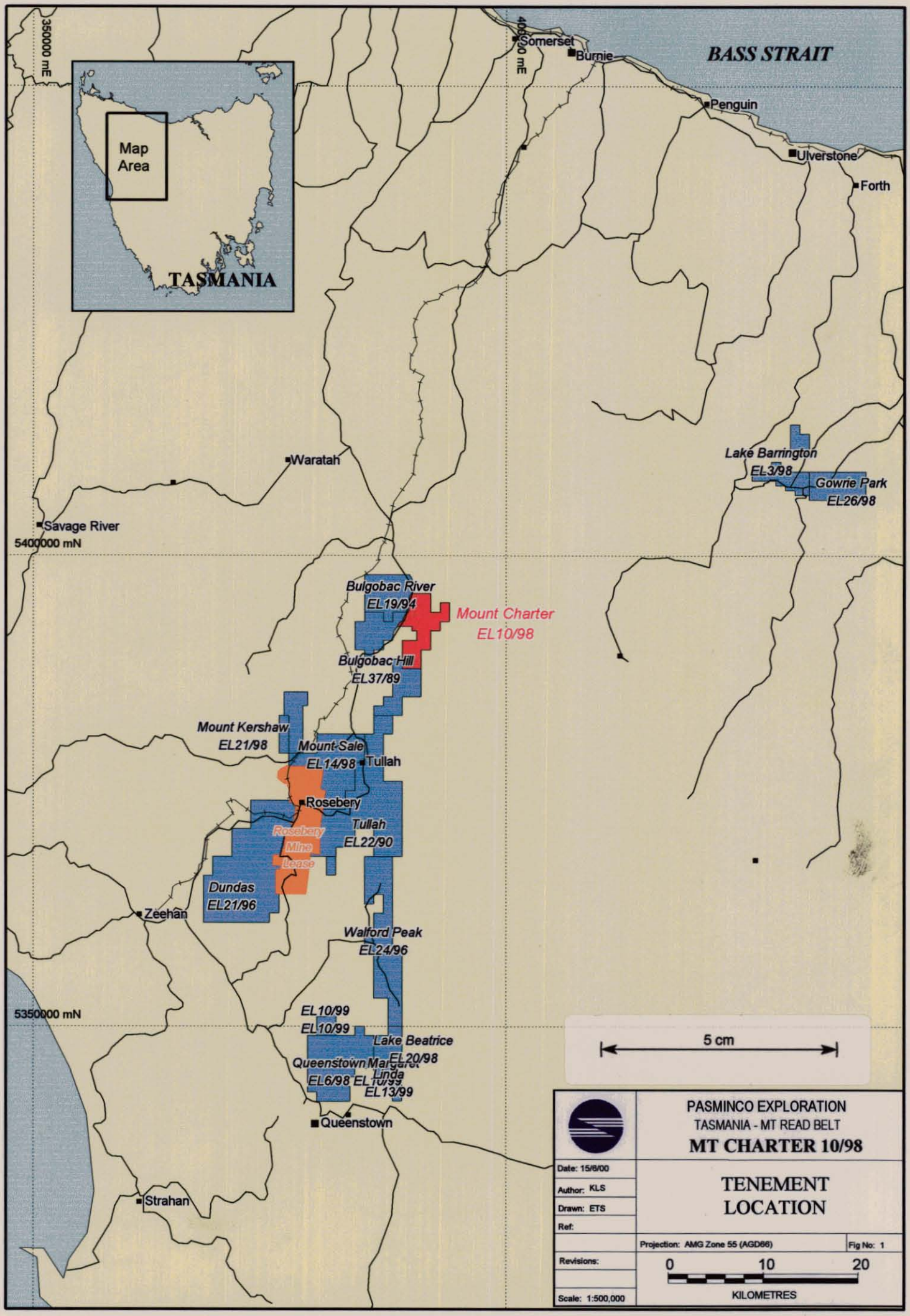
Parfrey, O.C. and McNeill. A.W., 1999. Bulgobac Hill EL 37/89 and Bulgobac River EL 19/94, Annual report for the period ending 31st July 1999. Pasminco Exploration Unpub. Report.

Richardson, S. M., 1992. Exploration Licence 106/87. Progress Report for the Period April, 1991 to April, 1992. Aberfoyle Resources Ltd. Unpub. Report. (TCR 92-3355).

Richardson, S. M., 1993. Exploration Licence 106/87. Progress report for the Period April, 1992 to April, 1993. Aberfoyle Resources Ltd. Unpub. Report. (TCR 93-3441).

Waters, J.C., and Wallace, D.B., 1992. Vulcanology and sedimentology of the host sequence to the Hellyer and Que River volcanic-hosted massive sulfide deposits, northwestern Tasmania. Econ. Geol. 87: 650-666.

Webster, S.S., and Skey, E.H., 1979. Geophysical and Geochemical Case History of the Que River Deposit, Tasmania, in Hood P.J. ed. Geophysics and Geochemistry in the Search for Metallic Ores. Geol. Surv. Canada. Econ. Geol. Rep. 31:697-720.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Bulgobac River
EL19/94
Mount Charter
EL10/98
Bulgobac Hill
EL37/89
Mount Kershaw
EL21/98
Mount Sale
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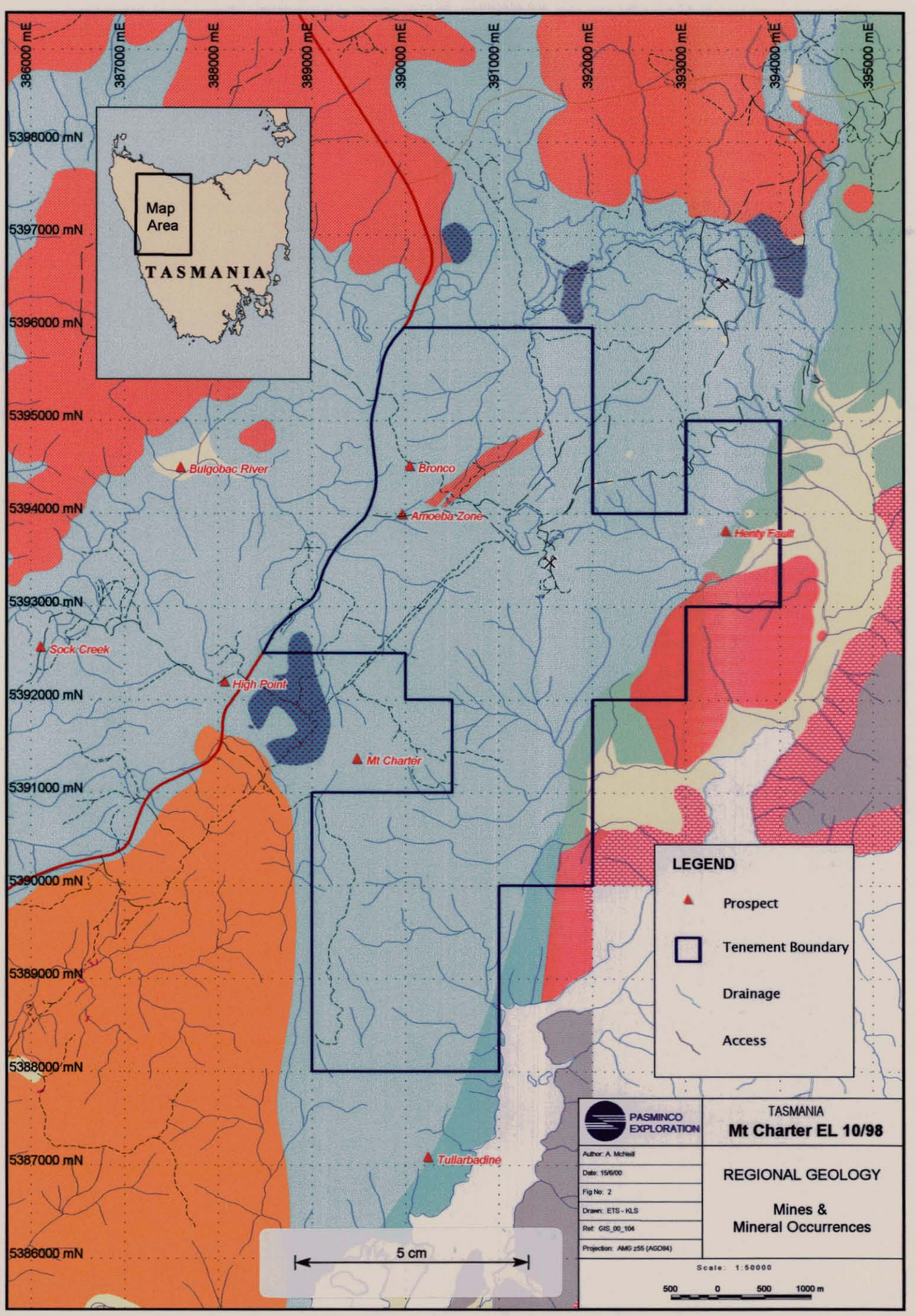
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Map Area
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Bulgobac River
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Henty Fault
Sock Creek
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LEGEND
Prospect
Tenement Boundary
Drainage
Access
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TASMANIA
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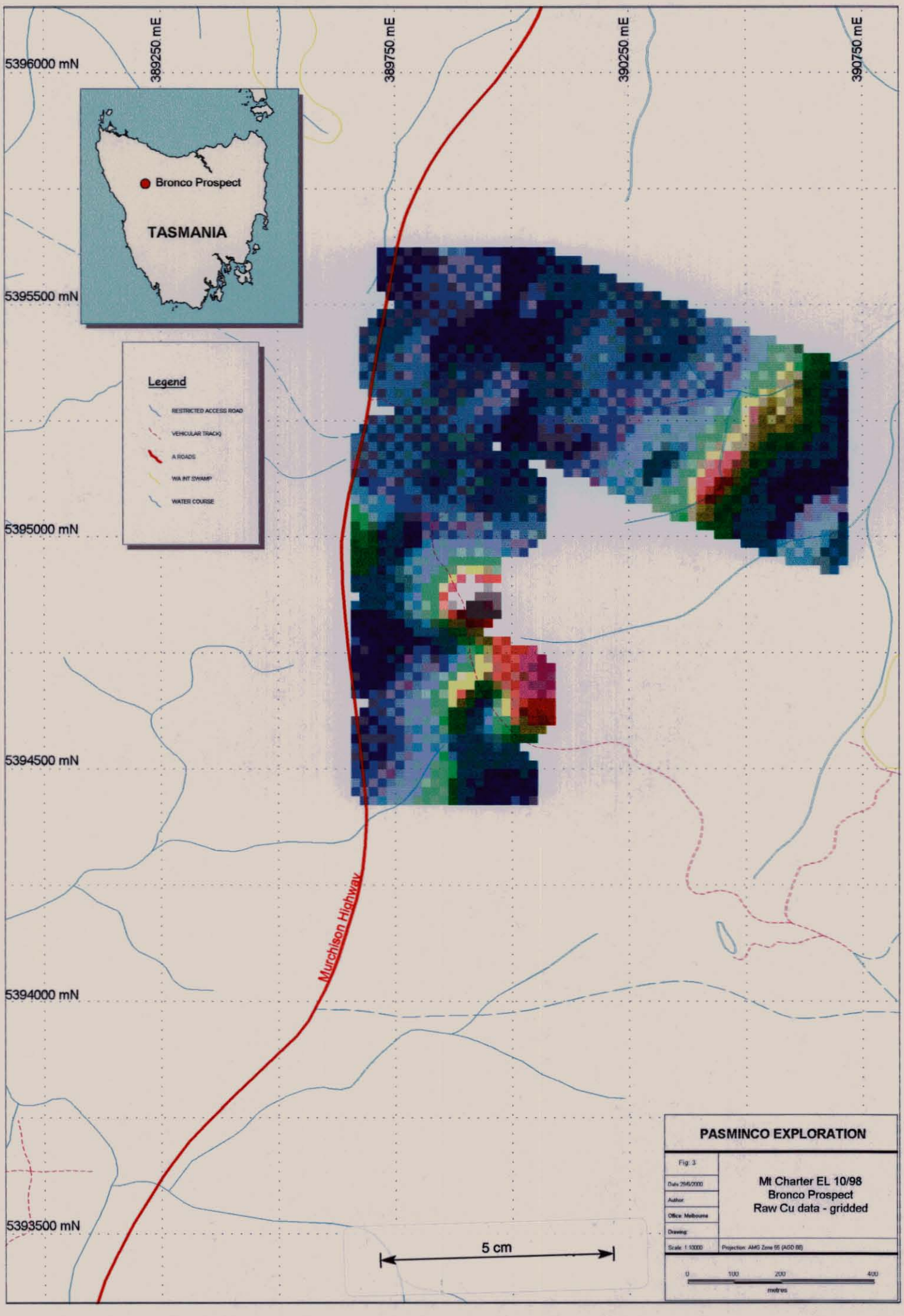
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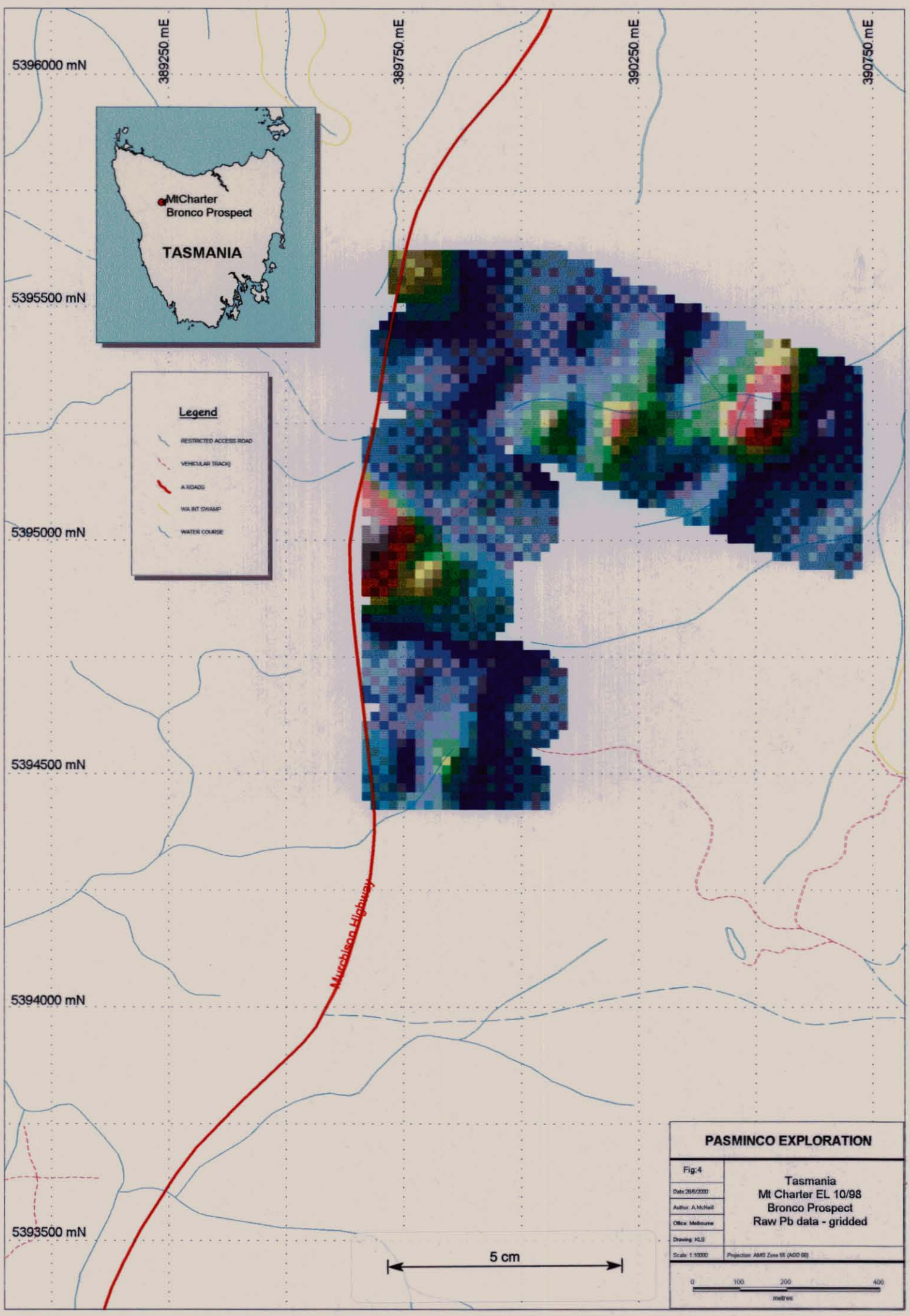
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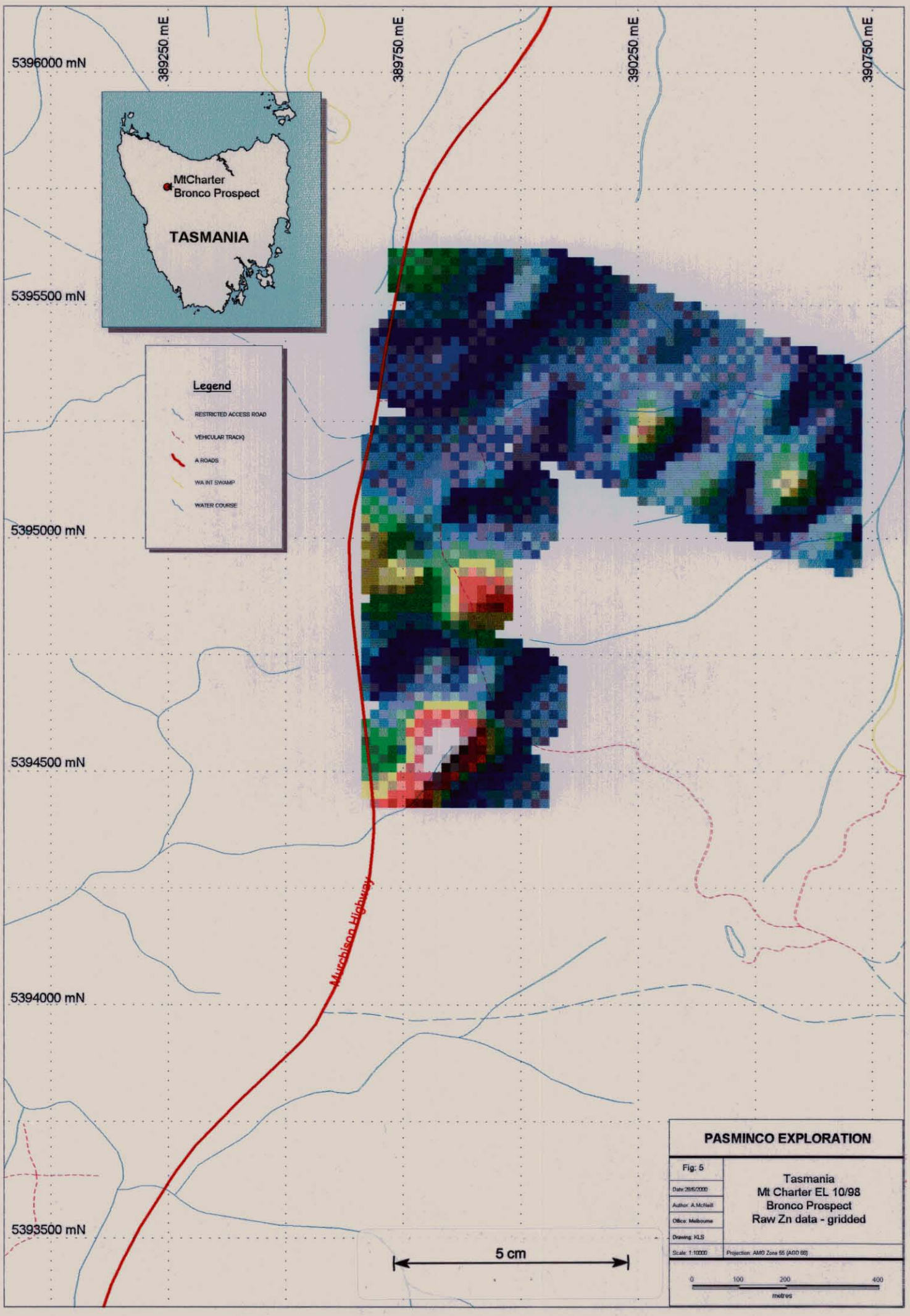
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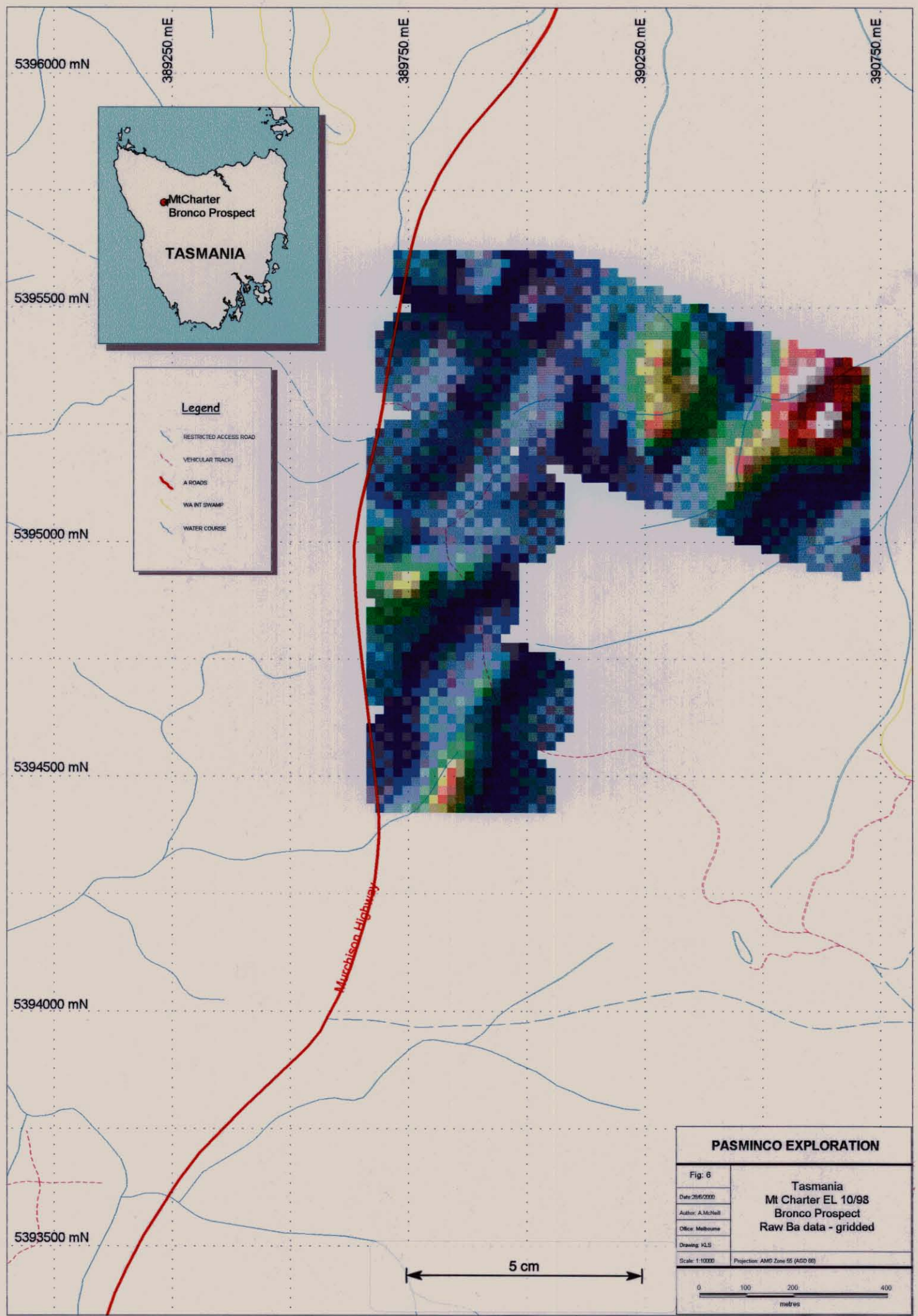
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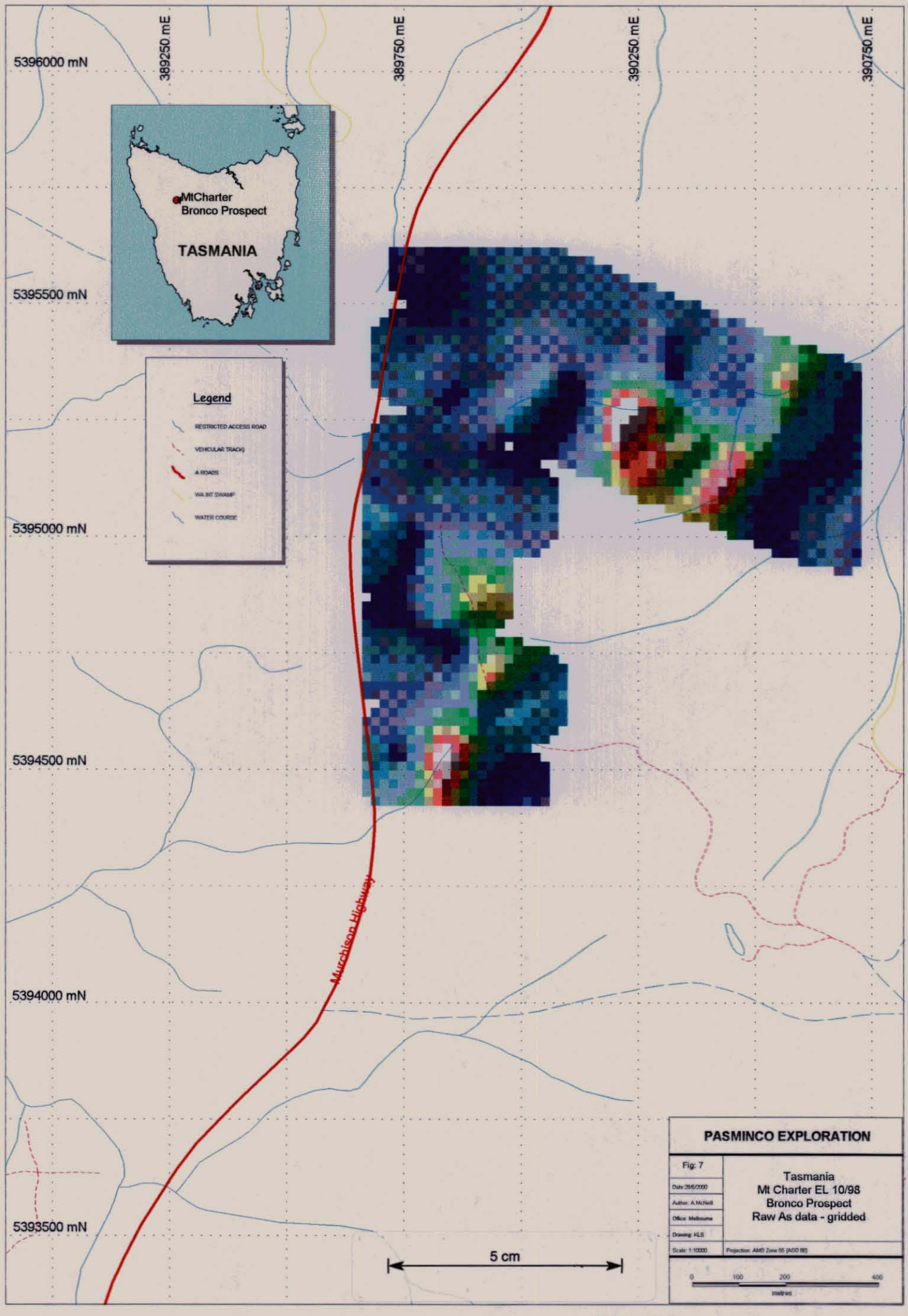
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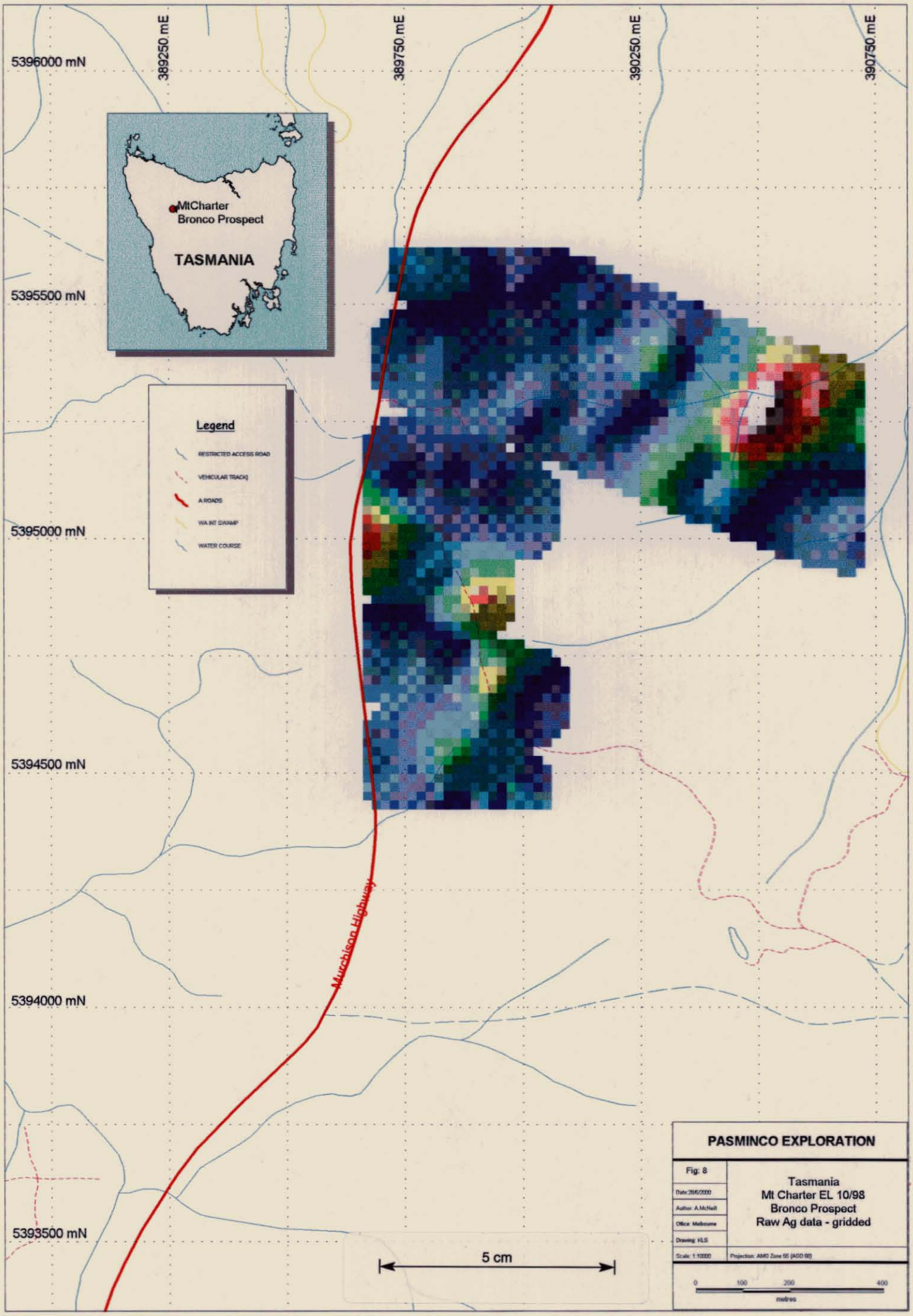
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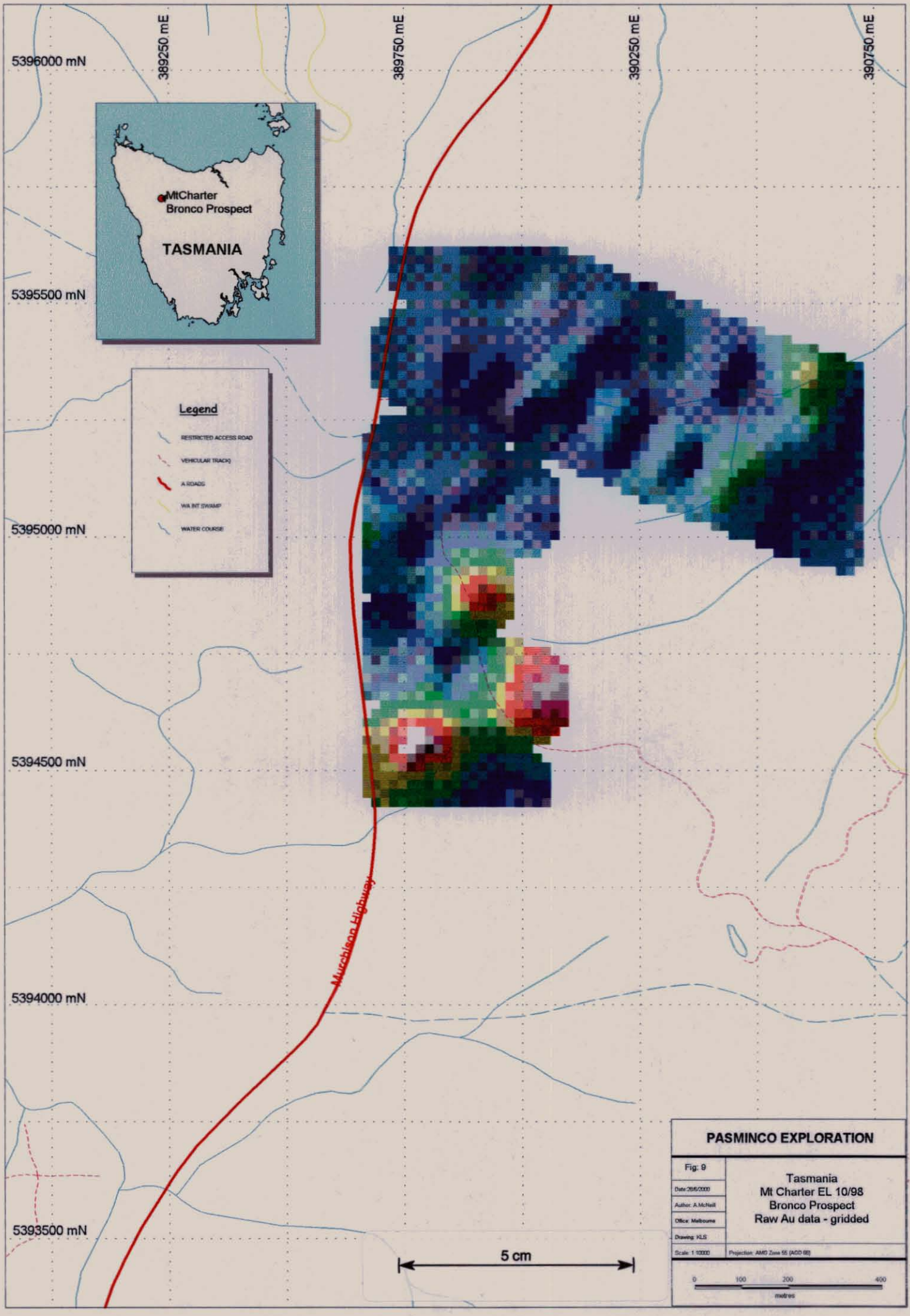
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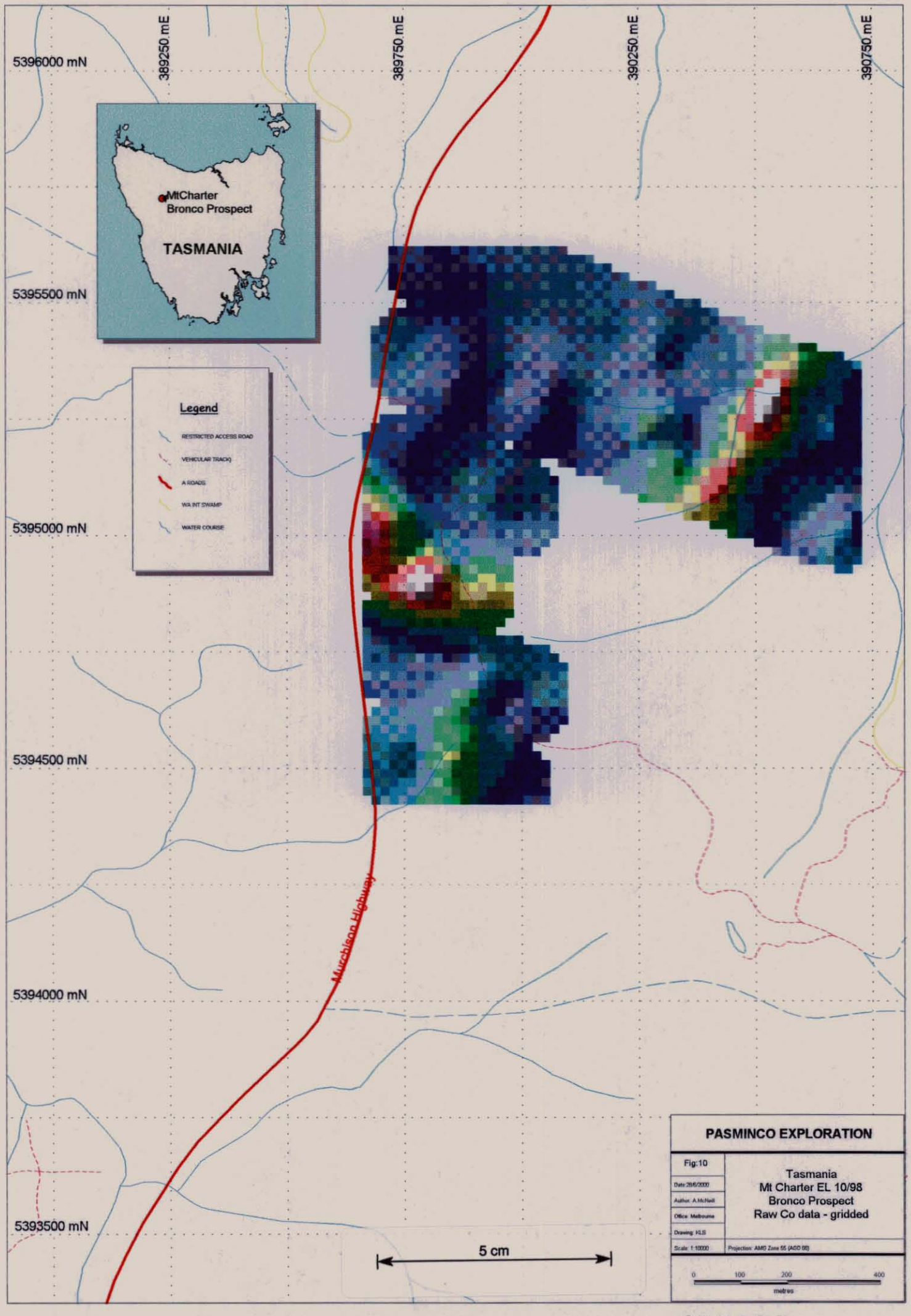
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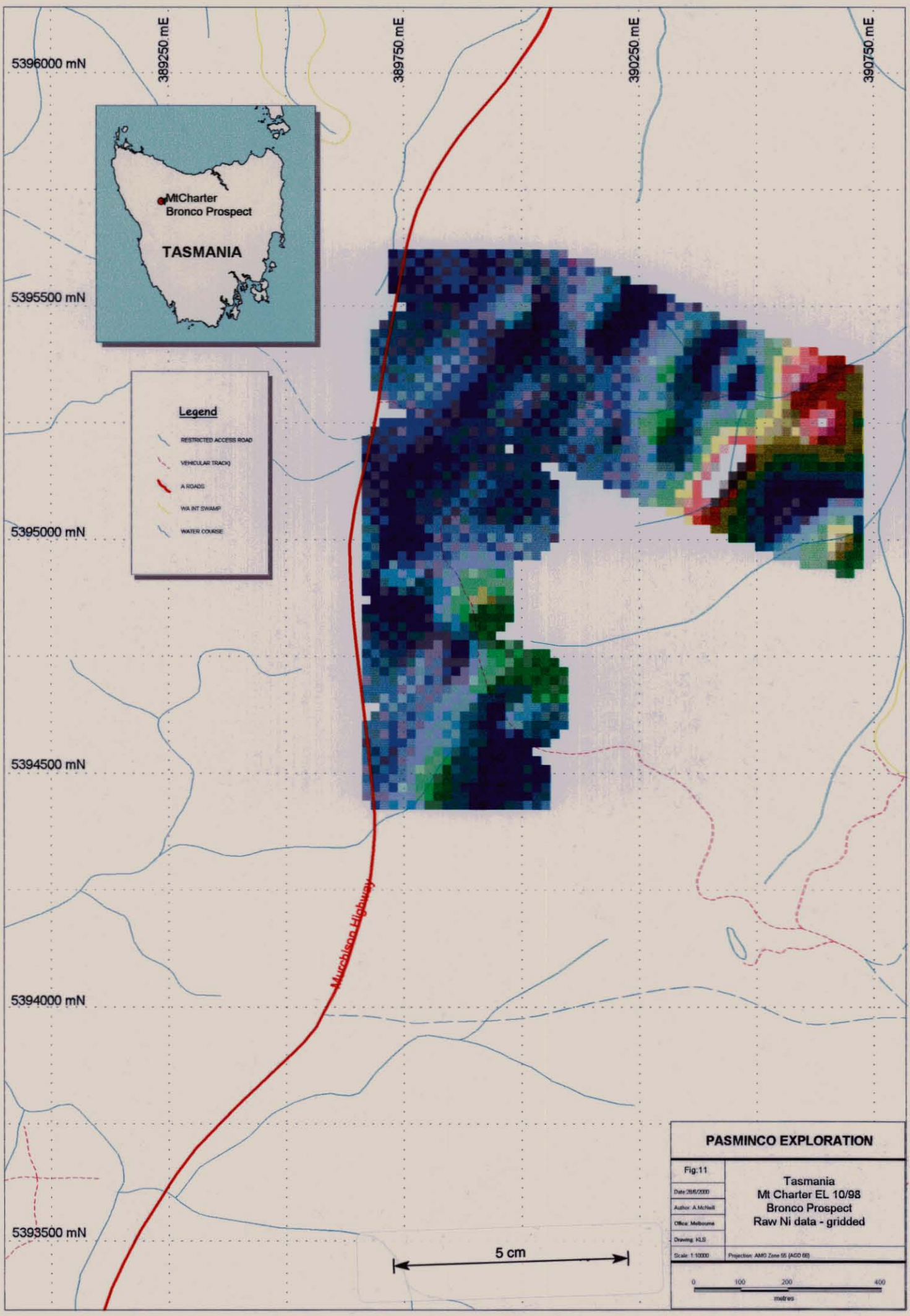
389750 mE
390250 mE
390750 mE
MtCharter
Bronco Prospect
TASMANIA
Legend
RESTRICTED ACCESS ROAD
VEHICULAR TRACK
A ROADS
WATER COURSE
Murchison Highway
5 cm
PASMINCO EXPLORATION
Fig:10
Tasmania
Mt Charter EL 10/98
Bronco Prospect
Raw Co data - gridded
Date: 28/6/2000
Author: A.McNeill
Office: Melbourne
Drawing: KLS
Scale: 1:10000
Projection: AMG Zone 55 (AGD 66)
0
100
200
400
metres

657021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5394000 mN
5393500 mN
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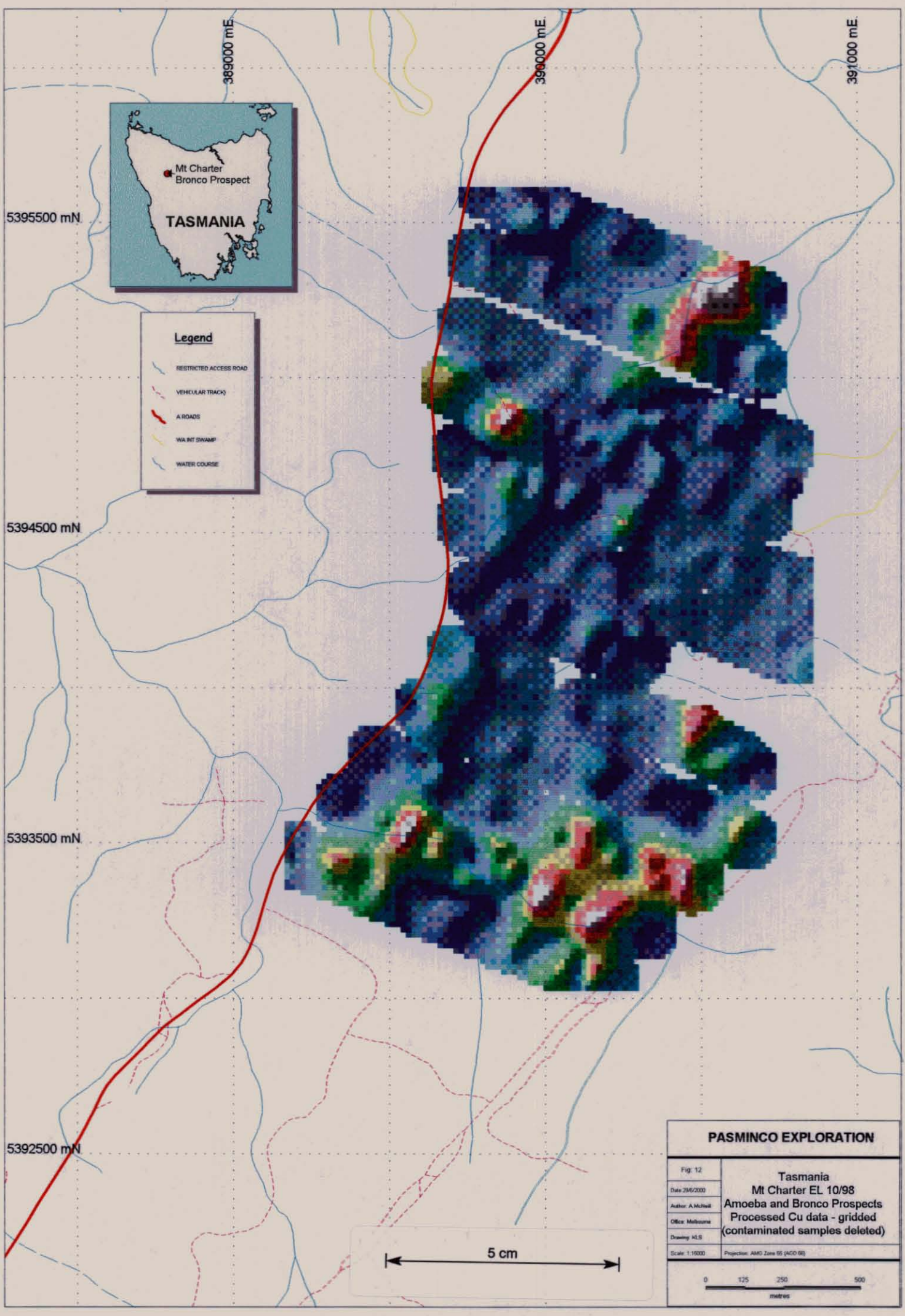
389750 mE
390250 mE
390750 mE
MtCharter
Bronco Prospect
TASMANIA
Legend
RESTRICTED ACCESS ROAD
VEHICULAR TRACK)
A ROADS
WA INT SWAMP
WATER COURSE
Murchison Highway
5 cm
PASMINCO EXPLORATION
Fig:11
Date:26/6/2000
Author: A McNeill
Office: Melbourne
Drawing: KLS
Scale: 1:10000
Tasmania
Mt Charter EL 10/98
Bronco Prospect
Raw Ni data - gridded
Projection: AMG Zone 55 (AGD 66)
0
100
200
400
metres

657022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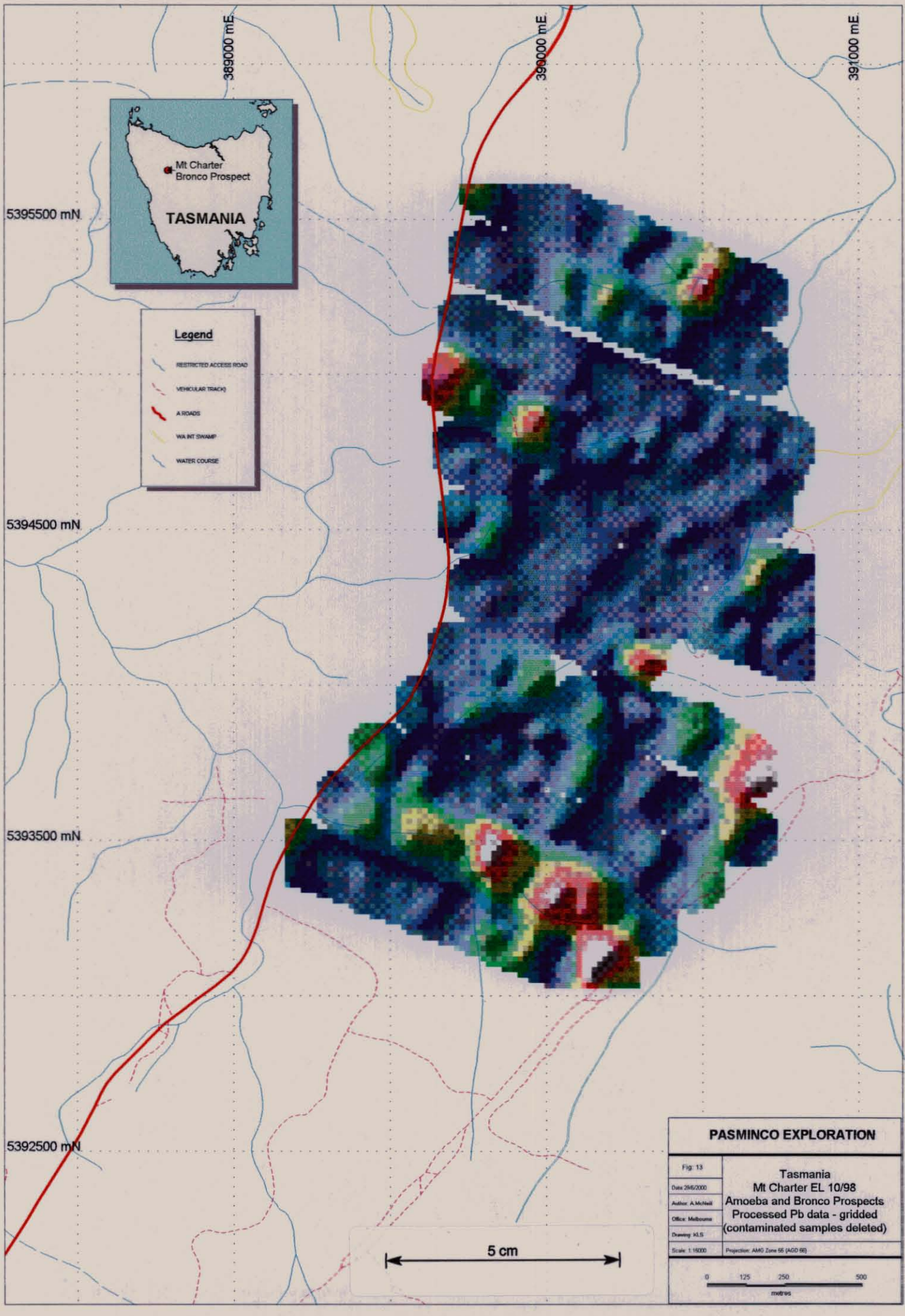
391000 mE
5395500 mN
5394500 mN
5393500 mN
5392500 mN
Mt Charter
Bronco Prospect
TASMANIA
Legend
RESTRICTED ACCESS ROAD
VEHICULAR TRACK
A ROADS
WATER COURSE
5 cm
PASMINCO EXPLORATION
Fig: 12
Tasmania
Mt Charter EL 10/98
Amoeba and Bronco Prospects
Processed Cu data - gridded
(contaminated samples deleted)
0 125 250 500
metres

657023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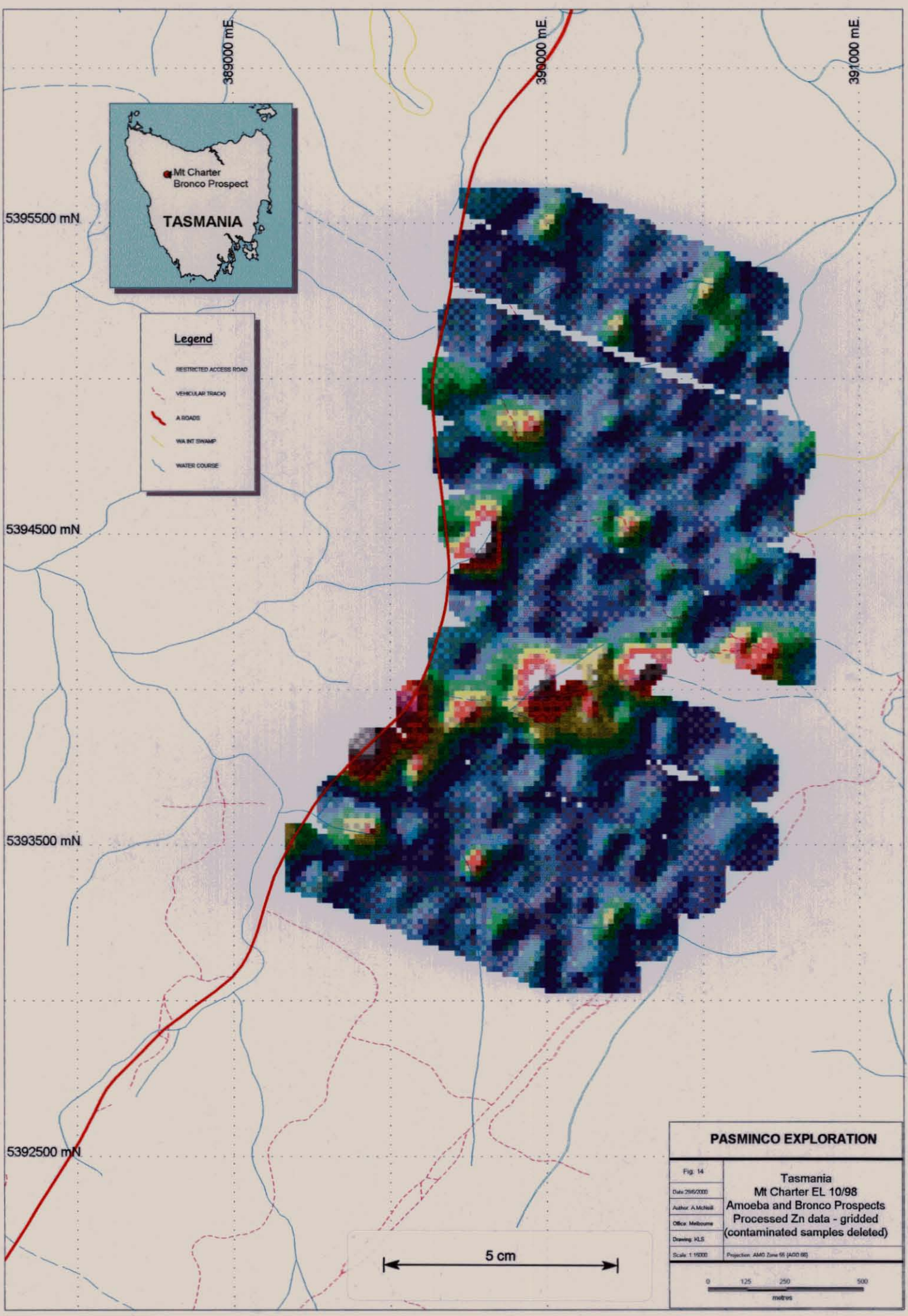
391000 mE.
5395500 mN
5394500 mN
5393500 mN
5392500 mN
Mt Charter
Bronco Prospect
TASMANIA
Legend
RESTRICTED ACCESS ROAD
VEHICULAR TRACK
A ROADS
WATER COURSE
5 cm
PASMINCO EXPLORATION
Fig: 13
Tasmania
Mt Charter EL 10/98
Amoeba and Bronco Prospects
Processed Pb data - gridded
(contaminated samples deleted)
Date: 29/6/2000
Author: A.McNeil
Office: Melbourne
Drawing: KLS
Scale: 1:15000
Projection: AMG Zone 55 (AGD 66)
0 125 250 500
metres

657024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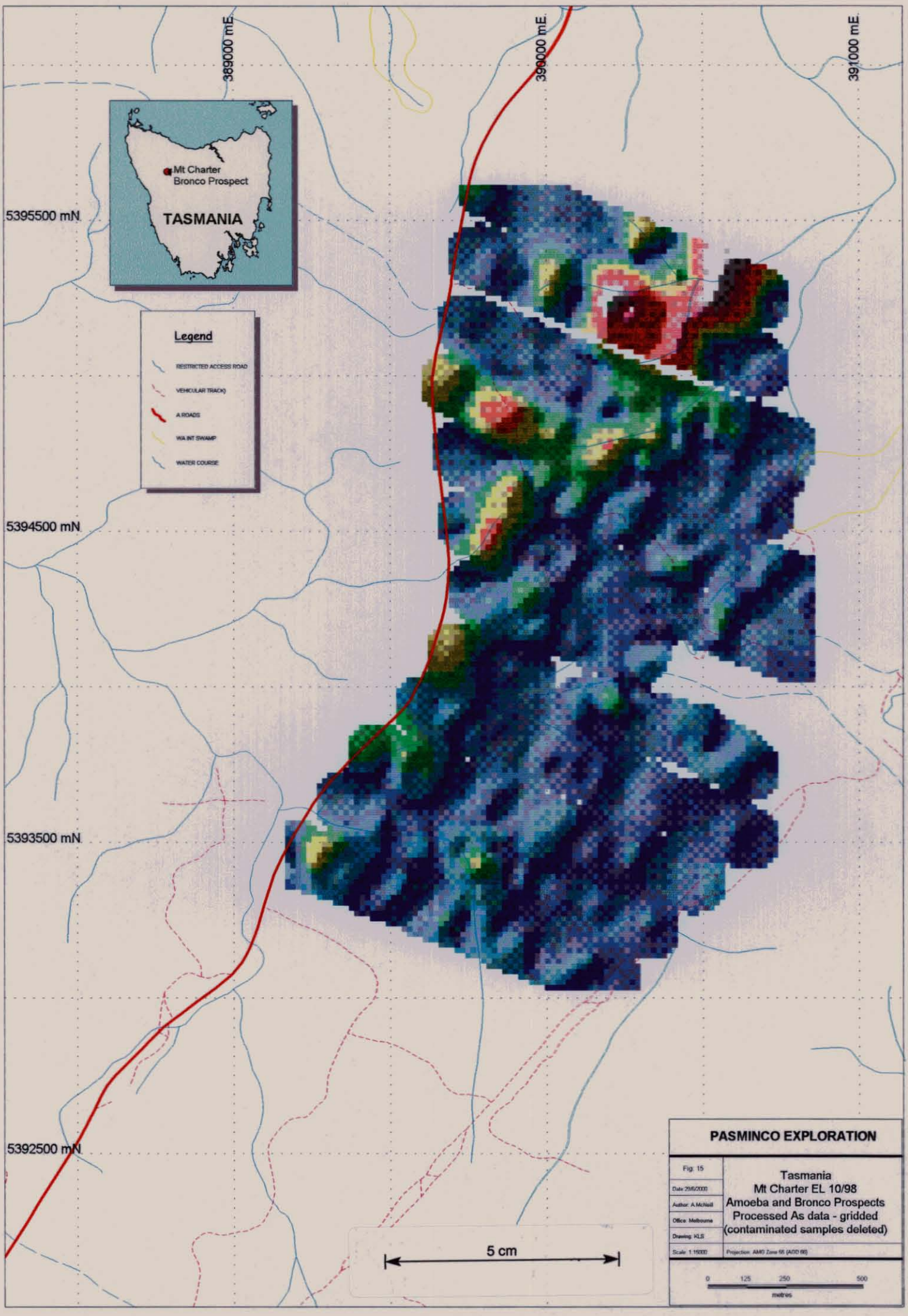
5395500 mN
5394500 mN
5393500 mN
5392500 mN
Mt Charter
Bronco Prospect
TASMANIA
Legend
RESTRICTED ACCESS ROAD
VEHICULAR TRACK
A ROADS
WATER COURSE
5 cm
PASMINCO EXPLORATION
Fig. 14
Tasmania
Mt Charter EL 10/98
Amoeba and Bronco Prospects
Processed Zn data - gridded
(contaminated samples deleted)
Date 29/5/2000
Author A.McNeill
Office Melbourne
Drawing KLS
Scale 1:15000
Projection AMG Zone 55 (AGD 66)
0 125 250 500
metres

657025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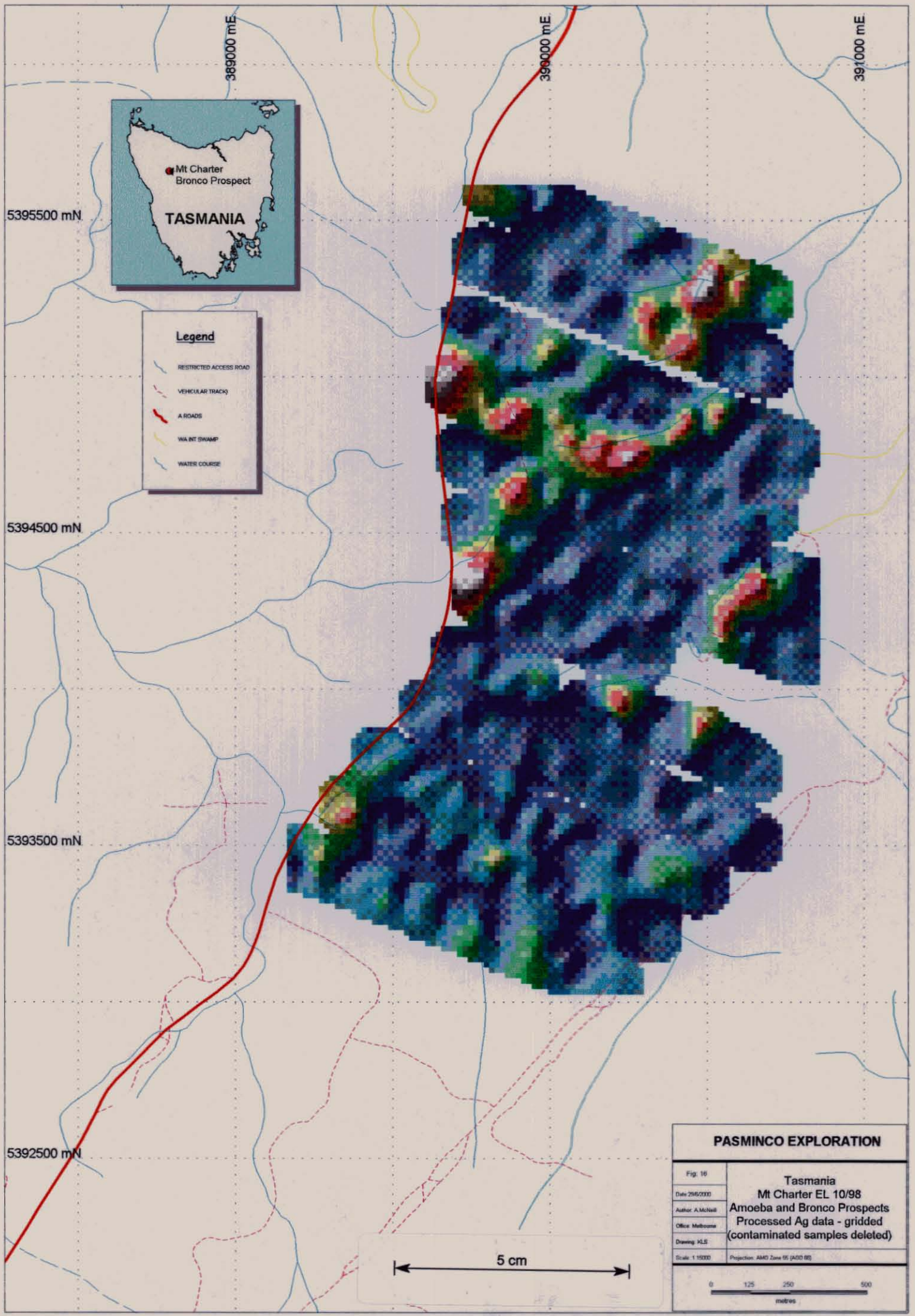
390000 mE
391000 mE
5395500 mN
5394500 mN
5393500 mN
5392500 mN
Mt Charter
Bronco Prospect
TASMANIA
Legend
RESTRICTED ACCESS ROAD
VEHICULAR TRACK)
A ROADS
WATER COURSE
5 cm
PASMINCO EXPLORATION
Fig: 15
Date: 29/5/2000
Author: A.McNeil
Office: Melbourne
Drawing: KLS
Scale: 1:15000
Tasmania
Mt Charter EL 10/98
Amoeba and Bronco Prospects
Processed As data - gridded
(contaminated samples deleted)
Projection: AMG Zone 55 (AGD 66)
0
125
250
500
metres

657026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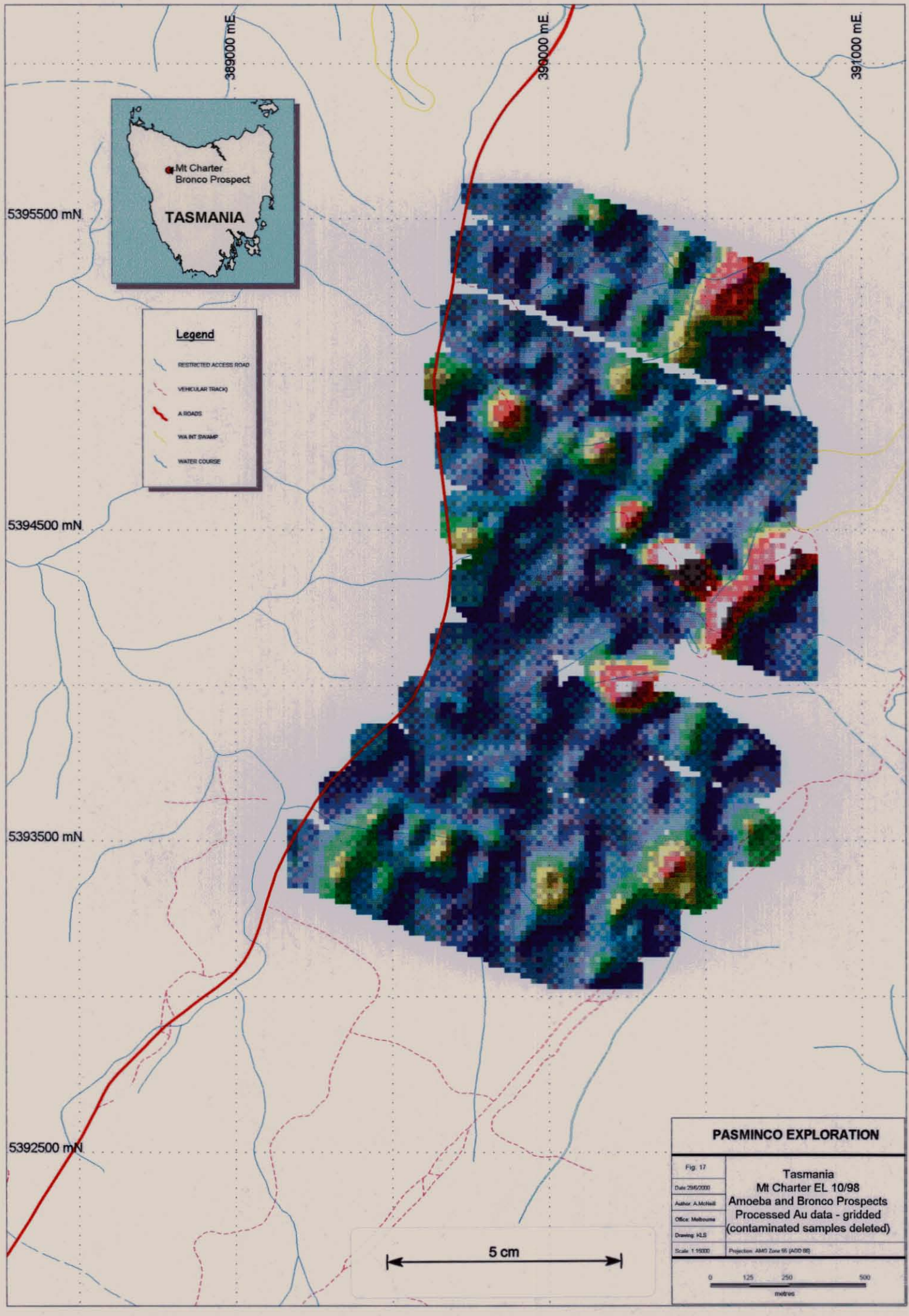
5393500 mN
5392500 mN
Mt Charter
Bronco Prospect
TASMANIA
Legend
RESTRICTED ACCESS ROAD
VEHICULAR TRACK
A ROADS
WATER COURSE
5 cm
PASMINCO EXPLORATION
Fig: 16
Tasmania
Mt Charter EL 10/98
Amoeba and Bronco Prospects
Processed Ag data - gridded
(contaminated samples deleted)
0 125 250 500
metres

657027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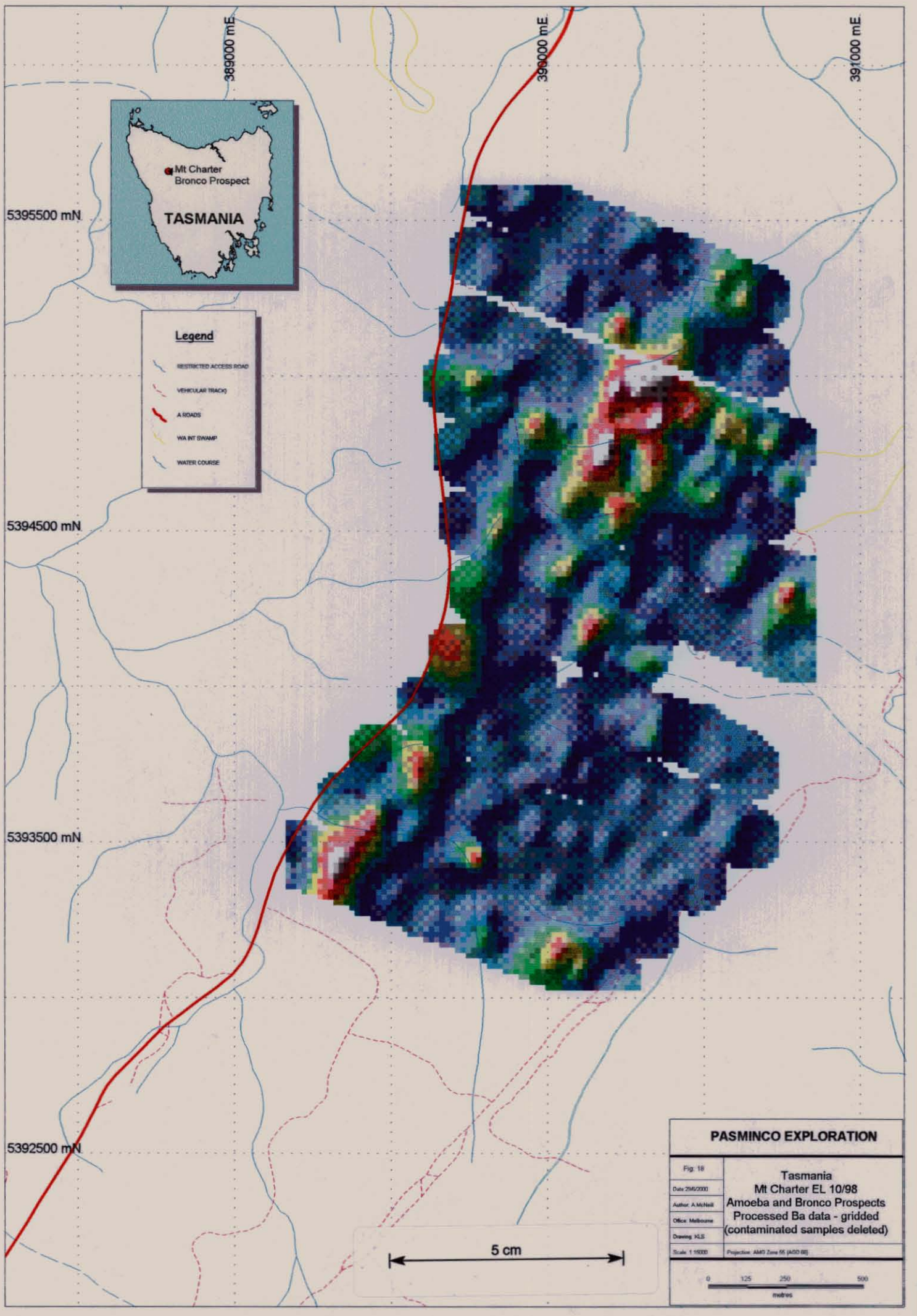
5394500 mN
5393500 mN
5392500 mN
Mt Charter
Bronco Prospect
TASMANIA
Legend
RESTRICTED ACCESS ROAD
VEHICULAR TRACK)
A ROADS
WATER COURSE
5 cm
PASMINCO EXPLORATION
Fig. 17
Tasmania
Mt Charter EL 10/98
Amoeba and Bronco Prospects
Processed Au data - gridded
(contaminated samples deleted)
Date: 29/5/2000
Author: A.McNeill
Office: Melbourne
Drawing: KLS
Scale: 1:10000
Projection: AMG Zone 55 (AGD 66)
0
125
250
500
metres

657028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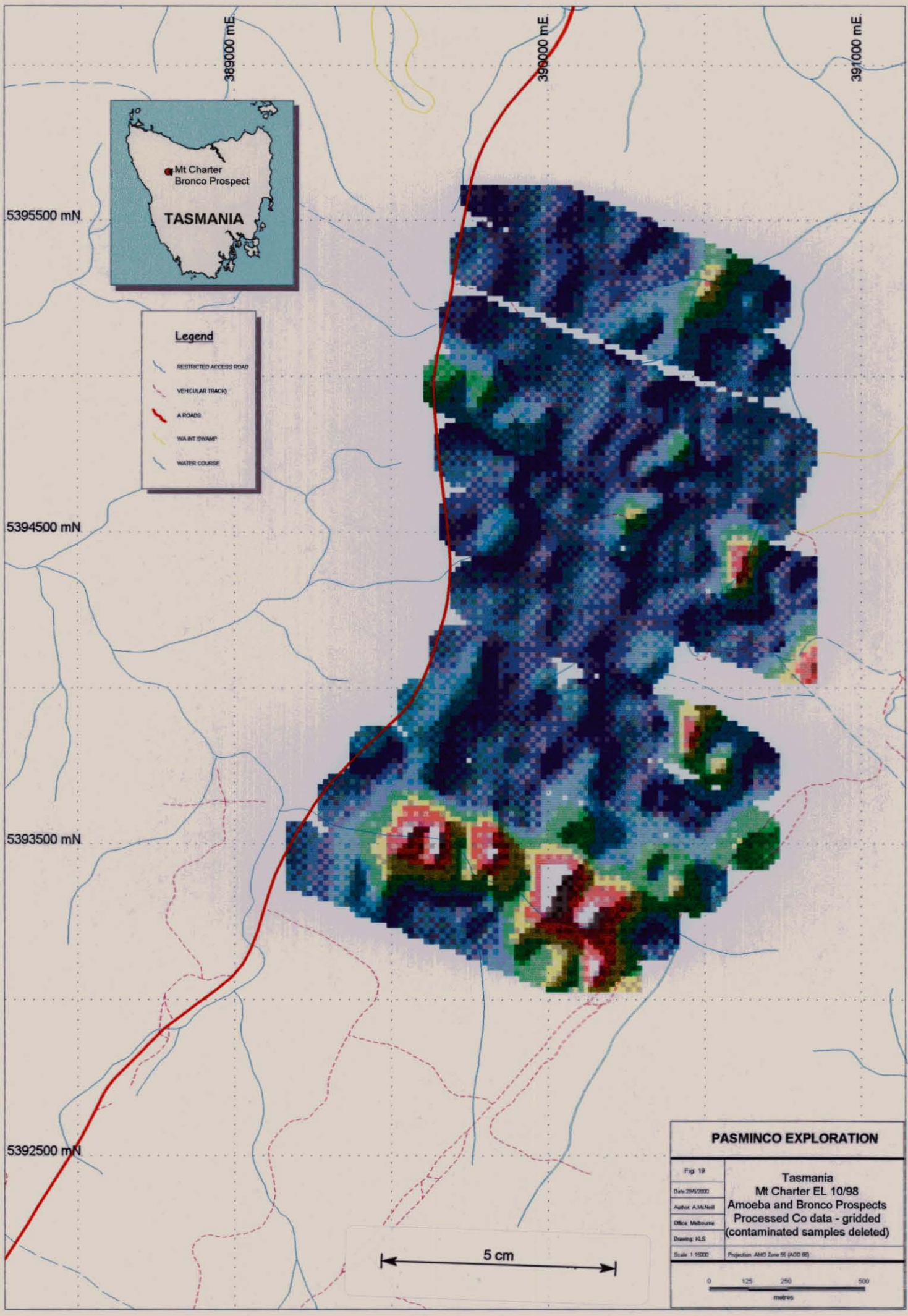
390000 mE
391000 mE
5395500 mN
5394500 mN
5393500 mN
5392500 mN
Mt Charter
Bronco Prospect
TASMANIA
Legend
RESTRICTED ACCESS ROAD
VEHICULAR TRACK)
A ROADS
WA INT SWAMP
WATER COURSE
5 cm
PASMINCO EXPLORATION
Fig: 18
Date:2MU2000
Author: A.McNeil
Office: Melbourne
Drawing: KLS
Scale: 1:15000
Tasmania
Mt Charter EL 10/98
Amoeba and Bronco Prospects
Processed Ba data - gridded
(contaminated samples deleted)
Projection: AMG Zone 55 (AGD 66)
0
125
250
500
metres

657029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390000 mE
391000 mE
5395500 mN
5394500 mN
5393500 mN
5392500 mN
Mt Charter
Bronco Prospect
TASMANIA
Legend
RESTRICTED ACCESS ROAD
VEHICULAR TRACK)
A ROADS
WA INT SWAMP
WATER COURSE
5 cm
PASMINCO EXPLORATION
Fig: 19
Tasmania
Mt Charter EL 10/98
Amoeba and Bronco Prospects
Processed Co data - gridded
(contaminated samples deleted)
Date:29/6/2000
Author: A.McNeill
Office: Melbourne
Drawing: KLS
Scale: 1:10000
Projection: AMG Zone 55 (AGD 66)
0 125 250 500
metres

657030

PASMINCO EXPLORATION

| | |
|---|---|
| Author: A. McNeill | |
| Date:8/11/1999 | |
| Plate No : 1 | |
| Drawn: KLS | |
| Office: ETS | |
| Ref: GIS_00_104 | |
| Projection: AMG Z55 (AGD84) | |
| Ellipsoid: Australian National | |

657031

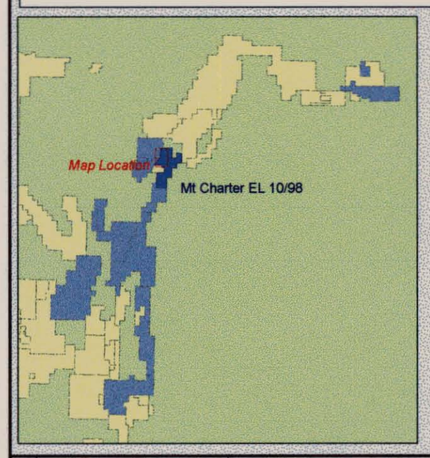
# TASMANIA
## MT CHARTER EL 10/98

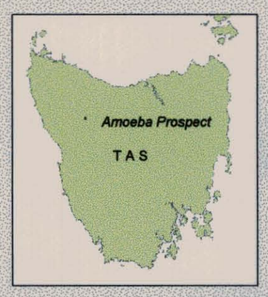
## AMOEBA ZONE & BRONCO PROSPECTS

Partial Leach soil sample locations

Scale: 1:5000

100 0 100 200 m




N

## Legend

- 2000 Sample Locations
- 1999 Sample Locations
- A Class Road
- B Class Road
- C Class Road
- Other Roads
- Restricted Access Road
- Vehicular Track
- Forestry O/R
- Index Contour
- Intermediate Contour
- Drainage

Source : Sampling (Pasminco, 1999); Topography (Mineral Resources Tasmania)

5 cm

CML 103M/87

ML 68M/84

MARCHISON HIGHWAY

Que River Mine Access Road

3800mE - BASELINE

8600mN 8400mN 8200mN 8000mN 7800mN 7600mN 7400mN 7200mN 7000mN 6800mN 6600mN 6400mN

8100mN

390000 mE 390500 mE 391000 mE

389000 mE 389500 mE

5395500 mN 5395000 mN 5394500 mN 5394000 mN 5393500 mN 5393000 mN 5392500 mN

# 00_4467

Annual Report - Mt Charter -EL10/98 - P.E. June 2000

Pasminco Exploration*
McNeill, A.W.; Simpson, K.L. EL10/1998

# APPENDIX 1
# 2000 BRONCO SOIL SAMPLING RESULTS

| DataSet | SampleID | Sample_Type | Sample_Sub | UTM_East | UTM_North | UTM_Grid | Local_East | Local_North | Local_Grid | Prospect | Elements | N_FirstSDS | N_LastSDS | L_Digest_PL | Ag_ppmPL | As_ppmPL | Au_ppmPL | Ba_ppmPL | Bi_ppmPL | Cd_ppmPL | Ce_ppmPL | Co_ppmPL | Cu_ppmPL | La_ppmPL | Mo_ppmPL | Ni_ppmPL | Pb_ppmPL | Sm_ppmPL | Zn_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TCHAR | 337503 | SOIL | MMI | 389876.6 | 5394482 | AMG66_5 | 3275 | 7600 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 9.05 | 0.025 | 1.34 | 0.00084 | 6.2 | 0.0031 | 0.024 | 1.1 | 0.118 | 1.69 | 0.853 | 0.063 | 0.28 | 5.36 | 0.173 | 3 |
| TCHAR | 337504 | SOIL | MMI | 389920.4 | 5394874 | AMG66_5 | 3250 | 7800 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 9.1 | 0.024 | 0.983 | 0.0012 | 5.34 | 0.0041 | 0.033 | 1.54 | 0.034 | 0.469 | 1.25 | 0.087 | 0.207 | 4.89 | 0.138 | 3.5 |
| TCHAR | 337508 | SOIL | MMI | 389715 | 5394544 | AMG66_5 | 3100 | 7600 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 9.15 | 0.02 | 0.852 | 0.00036 | 4.53 | 0.00005 | 0.018 | 2.24 | 0.065 | 0.998 | 1.5 | 0.039 | 0.05 | 5.71 | 0.163 | 6.95 |
| TCHAR | 337509 | SOIL | MMI | 389942.9 | 5394457 | AMG66_5 | 3350 | 7600 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 9.5 | 0.015 | 0.626 | 0.00034 | 2.79 | 0.00005 | 0.013 | 1.3 | 0.039 | 0.861 | 1.04 | 0.0052 | 0.0061 | 1.36 | 0.122 | 2.1 |
| TCHAR | 337512 | SOIL | MMI | 389831.6 | 5394504 | AMG66_5 | 3225 | 7600 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 9.4 | 0.02 | 6.75 | 0.0016 | 17.1 | 0.054 | 0.041 | 2.41 | 0.153 | 2.82 | 1.84 | 0.166 | 0.581 | 10.4 | 0.378 | 4.82 |
| TCHAR | 337515 | SOIL | MMI | 389899.1 | 5394685 | AMG66_5 | 3225 | 7800 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 9.35 | 0.067 | 8.27 | 0.00077 | 11.7 | 0.024 | 0.065 | 3.1 | 0.091 | 5.37 | 2.3 | 0.24 | 0.997 | 8.81 | 0.333 | 7.56 |
| TCHAR | 337517 | SOIL | MMI | 389920.4 | 5394465 | AMG66_5 | 3325 | 7600 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 9.3 | 0.014 | 0.764 | 0.00023 | 3.88 | 0.00005 | 0.017 | 1.9 | 0.054 | 1.25 | 1.49 | 0.017 | 0.118 | 2.19 | 0.199 | 2.09 |
| TCHAR | 337524 | SOIL | MMI | 389755.8 | 5394529 | AMG66_5 | 3150 | 7600 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 8.8 | 0.02 | 0.704 | 0.0028 | 4.44 | 0.00005 | 0.031 | 1.88 | 0.053 | 0.54 | 1.45 | 0.044 | 0.393 | 3.71 | 0.137 | 2.68 |
| TCHAR | 337533 | SOIL | MMI | 389786.1 | 5394736 | AMG66_5 | 3100 | 7800 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 8.85 | 0.01 | 0.262 | 0.0011 | 8.35 | 0.00005 | 0.049 | 2.22 | 0.05 | 0.883 | 1.82 | 0.012 | 0.315 | 3.18 | 0.184 | 2.71 |
| TCHAR | 337537 | SOIL | MMI | 389670.2 | 5394779 | AMG66_5 | 2975 | 7800 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 9.5 | 0.012 | 0.407 | 0.00068 | 7.8 | 0.00005 | 0.028 | 1.71 | 0.031 | 0.578 | 1.34 | 0.0005 | 0.22 | 4.15 | 0.152 | 3.47 |
| TCHAR | 337542 | SOIL | MMI | 389782 | 5394526 | AMG66_5 | 3175 | 7600 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 8.65 | 0.01 | 2.63 | 0.00048 | 7.58 | 0.00005 | 0.079 | 1.16 | 0.067 | 1.93 | 0.895 | 0.154 | 0.812 | 5.5 | 0.132 | 21.4 |
| TCHAR | 337545 | SOIL | MMI | 389968.1 | 5394664 | AMG66_5 | 3300 | 7800 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 9.5 | 0.011 | 1.96 | 0.0019 | 3.98 | 0.00005 | 0.025 | 1.46 | 0.064 | 4.63 | 1.09 | 0.124 | 0.582 | 4.49 | 0.194 | 2.66 |
| TCHAR | 337546 | SOIL | MMI | 389690.2 | 5394552 | AMG66_5 | 3075 | 7600 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 10 | 0.129 | 5.52 | 0.0083 | 2.6 | 0.042 | 0.153 | 4.92 | 0.682 | 1.97 | 0.774 | 0.079 | 0.26 | 39.7 | 0.234 | 28.9 |
| TCHAR | 337559 | SOIL | MMI | 389801.5 | 5394514 | AMG66_5 | 3200 | 7600 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 9.25 | 0.033 | 9.97 | 0.0019 | 11.9 | 0.0099 | 0.332 | 2.98 | 0.219 | 2.33 | 2.1 | 0.227 | 0.632 | 19.5 | 0.302 | 79 |
| TCHAR | 337560 | SOIL | MMI | 389876.1 | 5394687 | AMG66_5 | 3200 | 7800 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 8.7 | 0.018 | 2.82 | 0.00072 | 10.2 | 0.00005 | 0.067 | 3.27 | 0.178 | 6.99 | 2.46 | 0.085 | 0.82 | 9.07 | 0.272 | 4.46 |
| TCHAR | 337565 | SOIL | MMI | 389896.5 | 5394474 | AMG66_5 | 3300 | 7600 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 8.9 | 0.015 | 0.884 | 0.0003 | 5.88 | 0.00005 | 0.021 | 1.55 | 0.1 | 1.64 | 1.24 | 0.03 | 0.385 | 4.88 | 0.21 | 3.31 |
| MTCHAR | 337573 | SOIL | MMI | 389694.8 | 5394772 | AMG66_5 | 3000 | 7800 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 9.25 | 0.00008 | 0.169 | 0.00029 | 4.88 | 0.00005 | 0.033 | 1.23 | 0.029 | 0.375 | 1.03 | 0.0005 | 0.127 | 2.99 | 0.118 | 4.78 |
| MTCHAR | 337576 | SOIL | MMI | 389762.1 | 5394740 | AMG66_5 | 3075 | 7800 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 9.25 | 0.0057 | 0.158 | 0.00037 | 4.53 | 0.00005 | 0.02 | 1.59 | 0.019 | 0.322 | 1.31 | 0.0005 | 0.119 | 4.57 | 0.114 | 1.54 |
| MTCHAR | 337578 | SOIL | MMI | 389810.1 | 5394731 | AMG66_5 | 3125 | 7800 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 8.45 | 0.000025 | 0.21 | 0.00013 | 3.83 | 0.00005 | 0.013 | 1.4 | 0.069 | 1.25 | 1.04 | 0.011 | 0.396 | 6.13 | 0.137 | 3.01 |
| MTCHAR | 337580 | SOIL | MMI | 389734.5 | 5394535 | AMG66_5 | 3125 | 7600 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 8.95 | 0.0054 | 1.27 | 0.0013 | 5.98 | 0.00005 | 0.022 | 2.87 | 0.093 | 0.667 | 2.01 | 0.028 | 0.236 | 8.41 | 0.21 | 6.86 |
| MTCHAR | 337581 | SOIL | MMI | 389717.3 | 5394783 | AMG66_5 | 3025 | 7800 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 8.8 | 0.0044 | 0.176 | 0.000005 | 8.26 | 0.00005 | 0.04 | 0.715 | 0.027 | 0.797 | 0.539 | 0.0079 | 0.128 | 2.46 | 0.07 | 4.35 |
| MTCHAR | 337585 | SOIL | MMI | 389855.1 | 5394709 | AMG66_5 | 3175 | 7800 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 9.15 | 0.0011 | 0.376 | 0.00059 | 6.36 | 0.00005 | 0.025 | 2.37 | 0.082 | 0.99 | 1.85 | 0.0005 | 0.129 | 5.89 | 0.226 | 1.37 |
| MTCHAR | 337586 | SOIL | MMI | 389739.8 | 5394752 | AMG66_5 | 3050 | 7800 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 9.4 | 0.003 | 0.268 | 0.00037 | 5.16 | 0.00005 | 0.02 | 1.32 | 0.03 | 0.267 | 1.15 | 0.0005 | 0.075 | 6.85 | 0.104 | 1.3 |
| MTCHAR | 337597 | SOIL | MMI | 389856 | 5394489 | AMG66_5 | 3250 | 7600 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 9.2 | 0.0084 | 3.8 | 0.00003 | 8.9 | 0.00005 | 0.022 | 0.911 | 0.154 | 4.08 | 0.694 | 0.11 | 0.562 | 8.23 | 0.165 | 2.66 |
| MTCHAR | 337598 | SOIL | MMI | 389833.9 | 5394721 | AMG66_5 | 3150 | 7800 | HELLYER | AMOEBA | 10/98 | 3861 | 3861 | 9.05 | 0.0026 | 0.196 | 0.00034 | 5.68 | 0.00005 | 0.027 | 1.74 | 0.031 | 0.987 | 1.49 | 0.0005 | 0.242 | 6.35 | 0.159 | 3.01 |
| MTCHAR | 338011 | SOIL | MMI | 389721 | 5395173 | AMG66_5 | 2900 | 8200 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.4 | 0.012 | 10.1 | 0.000005 | 9.04 | 0.021 | 0.104 | 8.95 | 0.177 | 0.83 | 5.54 | 0.129 | 0.348 | 8.14 | 1.2 | 5.55 |
| MTCHAR | 338016 | SOIL | MMI | 389695.3 | 5394984 | AMG66_5 | 2925 | 8000 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.5 | 0.045 | 1.95 | 0.0008 | 9.18 | 0.053 | 0.036 | 2.85 | 0.282 | 3.23 | 1.56 | 0.071 | 0.42 | 41.5 | 0.198 | 8.46 |
| MTCHAR | 338020 | SOIL | MMI | 389882.9 | 5395108 | AMG66_5 | 3075 | 8200 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.95 | 0.013 | 0.098 | 0.00016 | 5.06 | 0.00005 | 0.035 | 2.55 | 0.031 | 0.3 | 1.83 | 0.0005 | 0.213 | 3.26 | 0.137 | 7.26 |
| MTCHAR | 338021 | SOIL | MMI | 389868.9 | 5394905 | AMG66_5 | 3125 | 8000 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.75 | 0.045 | 4.26 | 0.0016 | 5.05 | 0.083 | 0.067 | 1.93 | 0.203 | 5.85 | 1.08 | 0.571 | 0.649 | 10.6 | 0.383 | 11.2 |
| MTCHAR | 338023 | SOIL | MMI | 389698.4 | 5395183 | AMG66_5 | 2875 | 8200 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.75 | 0.067 | 6.69 | 0.0021 | 8.18 | 0.018 | 0.146 | 6.93 | 0.108 | 3.89 | 3.79 | 0.102 | 0.331 | 18.4 | 0.651 | 13.6 |
| MTCHAR | 338026 | SOIL | MMI | 389780.8 | 5395144 | AMG66_5 | 2975 | 8200 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.6 | 0.015 | 0.116 | 0.000005 | 3.28 | 0.00005 | 0.025 | 3.55 | 0.029 | 0.333 | 2.57 | 0.0005 | 0.257 | 3.25 | 0.208 | 2.21 |
| MTCHAR | 338030 | SOIL | MMI | 389860 | 5395115 | AMG66_5 | 3050 | 8200 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.05 | 0.0047 | 0.154 | 0.0003 | 3.68 | 0.00005 | 0.017 | 2.59 | 0.018 | 0.17 | 1.95 | 0.0014 | 0.188 | 3.25 | 0.133 | 2.15 |
| MTCHAR | 338031 | SOIL | MMI | 389848.6 | 5395004 | AMG66_5 | 2875 | 8000 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 7.7 | 0.011 | 0.19 | 0.00015 | 3.75 | 0.00005 | 0.092 | 0.388 | 0.097 | 2.64 | 0.194 | 0.0028 | 0.562 | 7.39 | 0.026 | 13.2 |
| MTCHAR | 338032 | SOIL | MMI | 389739.8 | 5394984 | AMG66_5 | 2975 | 8000 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.5 | 0.018 | 0.948 | 0.00073 | 16.9 | 0.011 | 0.16 | 0.622 | 0.239 | 2.27 | 0.309 | 0.095 | 0.577 | 14 | 0.052 | 12.4 |
| MTCHAR | 338040 | SOIL | MMI | 389716.6 | 5394974 | AMG66_5 | 2950 | 8000 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.5 | 0.018 | 0.843 | 0.00013 | 5.44 | 0.018 | 0.04 | 0.478 | 0.066 | 1.05 | 0.313 | 0.081 | 0.269 | 10.1 | 0.029 | 4.67 |
| MTCHAR | 338050 | SOIL | MMI | 389906.1 | 5395097 | AMG66_5 | 3100 | 8200 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.55 | 0.008 | 0.221 | 0.00002 | 3.41 | 0.00005 | 0.012 | 1.78 | 0.023 | 0.136 | 1.32 | 0.0052 | 0.149 | 2.18 | 0.093 | 1.44 |
| MTCHAR | 338051 | SOIL | MMI | 389744.5 | 5395163 | AMG66_5 | 2925 | 8200 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.7 | 0.01 | 0.267 | 0.000005 | 4.15 | 0.00005 | 0.031 | 3.39 | 0.054 | 0.232 | 2.64 | 0.042 | 0.334 | 3.42 | 0.191 | 2.33 |
| MTCHAR | 338057 | SOIL | MMI | 389825.2 | 5394925 | AMG66_5 | 3075 | 8000 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.95 | 0.0052 | 1.29 | 0.00068 | 5.91 | 0.024 | 0.016 | 2.08 | 0.24 | 2.38 | 0.597 | 0.21 | 0.268 | 10.7 | 0.095 | 4.15 |
| MTCHAR | 338061 | SOIL | MMI | 389813.7 | 5395134 | AMG66_5 | 3000 | 8200 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.1 | 0.0089 | 0.114 | 0.0002 | 2.06 | 0.00005 | 0.0077 | 1.96 | 0.02 | 0.196 | 1.46 | 0.0084 | 0.167 | 2.09 | 0.101 | 6.94 |
| MTCHAR | 338062 | SOIL | MMI | 389782.2 | 5394945 | AMG66_5 | 3025 | 8000 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.85 | 0.021 | 1.3 | 0.00029 | 10 | 0.026 | 0.053 | 1.82 | 0.609 | 1.68 | 0.893 | 0.197 | 0.512 | 18.7 | 0.128 | 7.43 |
| MTCHAR | 338069 | SOIL | MMI | 389761 | 5394954 | AMG66_5 | 3000 | 8000 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.65 | 0.02 | 0.561 | 0.00025 | 6.96 | 0.018 | 0.028 | 0.753 | 0.125 | 1.01 | 0.388 | 0.158 | 0.196 | 13.4 | 0.046 | 4.05 |
| MTCHAR | 338074 | SOIL | MMI | 389672 | 5394994 | AMG66_5 | 2900 | 8000 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.75 | 0.019 | 2.89 | 0.00027 | 7.04 | 0.067 | 0.023 | 3.09 | 0.14 | 2.83 | 1.77 | 0.131 | 0.687 | 19.3 | 0.212 | 4.24 |
| MTCHAR | 338077 | SOIL | MMI | 389928.3 | 5395085 | AMG66_5 | 3125 | 8200 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.25 | 0.0067 | 0.201 | 0.000005 | 5.58 | 0.00005 | 0.022 | 2.16 | 0.028 | 0.18 | 1.58 | 0.0047 | 0.174 | 2.44 | 0.117 | 3.92 |
| MTCHAR | 338083 | SOIL | MMI | 389767.7 | 5395154 | AMG66_5 | 2950 | 8200 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.65 | 0.00083 | 0.088 | 0.00025 | 2.58 | 0.00005 | 0.028 | 1.79 | 0.032 | 0.255 | 1.39 | 0.017 | 0.193 | 1.94 | 0.109 | 2.34 |
| MTCHAR | 338093 | SOIL | MMI | 389836.9 | 5395125 | AMG66_5 | 3025 | 8200 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.2 | 0.0064 | 0.109 | 0.00003 | 2.55 | 0.00005 | 0.019 | 1.66 | 0.014 | 0.08 | 1.28 | 0.0032 | 0.126 | 1.83 | 0.092 | 1.71 |
| MTCHAR | 338094 | SOIL | MMI | 389951 | 5395075 | AMG66_5 | 3150 | 8200 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.6 | 0.0068 | 0.25 | 0.00023 | 4.96 | 0.00005 | 0.033 | 1.64 | 0.013 | 0.104 | 1.26 | 0.0017 | 0.088 | 2.8 | 0.089 | 1.86 |
| MTCHAR | 338095 | SOIL | MMI | 389803.4 | 5394935 | AMG66_5 | 3050 | 8000 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.5 | 0.021 | 3.45 | 0.0006 | 7.79 | 0.048 | 0.06 | 0.525 | 0.089 | 1.86 | 0.357 | 0.192 | 0.386 | 14.8 | 0.063 | 6.67 |
| MTCHAR | 338096 | SOIL | MMI | 389882.9 | 5395106 | AMG66_5 | 3075 | 8200 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.25 | 0.0073 | 0.067 | 0.00031 | 3.58 | 0.00005 | 0.026 | 1.73 | 0.014 | 0.12 | 1.37 | 0.0005 | 0.144 | 2.79 | 0.095 | 2.8 |
| MTCHAR | 338100 | SOIL | MMI | 389847.1 | 5394915 | AMG66_5 | 3100 | 8000 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.35 | 0.015 | 3.17 | 0.0015 | 12.5 | 0.065 | 0.022 | 0.378 | 0.091 | 2.33 | 0.293 | 0.08 | 0.571 | 10.8 | 0.049 | 9.01 |
| MTCHAR | 338168 | SOIL | MMI | 389727.8 | 5395414 | AMG66_5 | 2800 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.95 | 0.014 | 2.03 | 0.00094 | 1.89 | 0.0089 | 0.084 | 1.15 | 0.046 | 4.91 | 0.922 | 0.087 | 0.218 | 10.1 | 0.117 | 7.99 |
| MTCHAR | 338201 | SOIL | MMI | 390539.8 | 5395094 | AMG66_5 | 3675 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.15 | 0.0035 | 0.279 | 0.00037 | 3.56 | 0.0015 | 0.03 | 0.418 | 0.03 | 1.81 | 0.346 | 0.029 | 0.328 | 3.04 | 0.049 | 3.61 |
| MTCHAR | 338202 | SOIL | MMI | 389843.2 | 5395371 | AMG66_5 | 2925 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.1 | 0.0037 | 0.27 | 0.00029 | 3.57 | 0.0019 | 0.042 | 2.05 | 0.044 | 0.25 | 1.7 | 0.0032 | 0.254 | 5.54 | 0.139 | 4.47 |
| MTCHAR | 338203 | SOIL | MMI | 390679 | 5395042 | AMG66_5 | 3825 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.6 | 0.0089 | 0.405 | 0.00012 | 5.24 | 0.002 | 0.095 | 0.246 | 0.031 | 1.19 | 0.223 | 0.012 | 0.47 | 3.1 | 0.029 | 2.74 |
| MTCHAR | 338205 | SOIL | MMI | 389796.8 | 5395388 | AMG66_5 | 2875 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.95 | 0.0087 | 0.321 | 0.00046 | 4.66 | 0.0046 | 0.026 | 1.44 | 0.048 | 0.763 | 0.894 | 0.01 | 0.138 | 6.44 | 0.155 | 3.43 |
| MTCHAR | 338207 | SOIL | MMI | 389889.9 | 5395354 | AMG66_5 | 2975 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.2 | 0.003 | 0.24 | 0.00048 | 3.03 | 0.0031 | 0.053 | 1.39 | 0.032 | 0.333 | 1.22 | 0.0005 | 0.242 | 5.34 | 0.096 | 2.19 |
| MTCHAR | 338209 | SOIL | MMI | 390609.4 | 5395089 | AMG66_5 | 3750 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.55 | 0.0031 | 0.26 | 0.00043 | 1.85 | 0.0014 | 0.019 | 0.188 | 0.019 | 0.365 | 0.151 | 0.042 | 0.166 | 1.42 | 0.023 | 4.54 |
| MTCHAR | 338211 | SOIL | MMI | 389904.6 | 5395578 | AMG66_5 | 2900 | 8600 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.7 | 0.0094 | 0.098 | 0.0002 | 7.21 | 0.00005 | 0.097 | 0.586 | 0.031 | 1.03 | 0.53 | 0.0015 | 0.251 | 5.2 | 0.047 | 4.91 |
| MTCHAR | 338213 | SOIL | MMI | 390168.5 | 5395241 | AMG66_5 | 3275 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.55 | 0.0061 | 1.52 | 0.00061 | 6.35 | 0.014 | 0.065 | 3.93 | 0.047 | 0.455 | 3.2 | 0.048 | 0.259 | 13.2 | 0.262 | 2.96 |
| MTCHAR | 338214 | SOIL | MMI | 389960.6 | 5395327 | AMG66_5 | 3050 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.5 | 0.0018 | 0.09 | 0.00022 | 2.19 | 0.0019 | 0.024 | 0.657 | 0.02 | 0.326 | 0.607 | 0.0069 | 0.175 | 2.08 | 0.043 | 1.21 |
| MTCHAR | 338218 | SOIL | MMI | 390400.4 | 5395149 | AMG66_5 | 3525 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.5 | 0.018 | 7.3 | 0.0011 | 10.6 | 0.037 | 0.092 | 0.458 | 0.342 | 5.23 | 0.384 | 0.847 | 1.67 | 11.5 | 0.118 | 7.05 |
| MTCHAR | 338217 | SOIL | MMI | 390632.6 | 5395060 | AMG66_5 | 3775 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.4 | 0.0023 | 0.183 | 0.00011 | 2.28 | 0.001 | 0.01 | 0.18 | 0.018 | 0.377 | 0.128 | 0.033 | 0.155 | 1.58 | 0.022 | 0.406 |
| MTCHAR | 338216 | SOIL | MMI | 389984.3 | 5395317 | AMG66_5 | 3075 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.75 | 0.011 | 2.89 | 0.00045 | 3.12 | 0.019 | 0.068 | 1.8 | 0.046 | 1.3 | 1.51 | 0.279 | 0.288 | 7.09 | 0.139 | 2.41 |
| MTCHAR | 338221 | SOIL | MMI | 390214.5 | 5395222 | AMG66_5 | 3325 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.45 | 0.0049 | 2.2 | 0.000005 | 4.32 | 0.0025 | 0.047 | 0.826 | 0.041 | 0.351 | 0.679 | 0.043 | 0.164 | 8.04 | 0.053 | 7.06 |
| MTCHAR | 338222 | SOIL | MMI | 390099.8 | 5395271 | AMG66_5 | 3200 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.15 | 0.0053 | 0.409 | 0.00012 | 3.93 | 0.0022 | 0.045 | 1.86 | 0.02 | 0.343 | 1.65 | 0.037 | 0.143 | 5.31 | 0.103 | 2.47 |
| MTCHAR | 338223 | SOIL | MMI | 389927.4 | 5395565 | AMG66_5 | 2925 | 8600 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.7 | 0.0077 | 0.113 | 0.000005 | 8.34 | 0.0006 | 0.102 | 0.617 | 0.033 | 0.627 | 0.589 | 0.006 | 0.281 | 4.6 | 0.046 | 3.26 |
| MTCHAR | 338226 | SOIL | MMI | 389811.8 | 5395610 | AMG66_5 | 2800 | 8600 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.7 | 0.022 | 0.944 | 0.00005 | 7.28 | 0.0096 | 0.111 | 1.56 | 0.057 | 0.64 | 1.4 | 0.122 | 0.293 | 16.7 | 0.092 | 6.83 |
| MTCHAR | 338227 | SOIL | MMI | 390030.9 | 5395299 | AMG66_5 | 3125 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.45 | 0.01 | 1.2 | 0.000005 | 7.84 | 0.012 | 0.066 | 4.63 | 0.065 | 0.372 | 3.88 | 0.027 | 0.266 | 18 | 0.363 | 4.73 |

| DataSet | SampleID | Sample_Type | Sample_Sub_T | UTM_East | UTM_North | UTM_Grid | Local_East | Local_North | Local_Grid | Prospect | Element_N | FirstSDS | LastSDS | Ir_Digest_ppb | Ag_ppm | PL_As_ppm | PL_Au_ppm | PL_Ba_ppm | PL_Bi_ppm | PL_Cd_ppm | PL_Ce_ppm | PL_Co_ppm | PL_Cu_ppm | PL_La_ppm | PL_Mo_ppm | PL_Ni_ppm | PL_Pb_ppm | PL_Sm_ppm | PL_Zn_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TCHAR | 338231 | SOIL | MMI | 390446.9 | 5395130 | AMG66_5 | 3575 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.45 | 0.021 | 3.91 | 0.00072 | 8.14 | 0.048 | 0.103 | 0.402 | 0.093 | 4.08 | 0.319 | 0.263 | 0.625 | 7.37 | 0.083 | 3.07 |
| TCHAR | 338232 | SOIL | MMI | 390353.8 | 5395167 | AMG66_5 | 3475 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.9 | 0.0061 | 0.526 | 0.00001 | 6.47 | 0.0018 | 0.046 | 0.564 | 0.044 | 1.43 | 0.51 | 0.182 | 0.5 | 4.14 | 0.075 | 5.95 |
| TCHAR | 338239 | SOIL | MMI | 389950.2 | 5395550 | AMG66_5 | 2950 | 8600 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.9 | 0.0086 | 0.113 | 0.00007 | 4.23 | 0.0021 | 0.117 | 0.601 | 0.028 | 1.98 | 0.541 | 0.022 | 0.342 | 4.71 | 0.04 | 3.21 |
| TCHAR | 338240 | SOIL | MMI | 390377.1 | 5395158 | AMG66_5 | 3500 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.45 | 0.02 | 0.901 | 0.00048 | 8.49 | 0.0063 | 0.142 | 0.334 | 0.066 | 2.21 | 0.323 | 0.115 | 0.92 | 6.24 | 0.043 | 3.69 |
| TCHAR | 338243 | SOIL | MMI | 390563 | 5395085 | AMG66_5 | 3700 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.15 | 0.0031 | 0.37 | 0.00022 | 4.65 | 0.0025 | 0.033 | 0.404 | 0.025 | 0.435 | 0.341 | 0.048 | 0.357 | 3.55 | 0.047 | 11.2 |
| TCHAR | 338247 | SOIL | MMI | 389866.5 | 5395362 | AMG66_5 | 2950 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.85 | 0.004 | 0.339 | 0.00024 | 5.88 | 0.0033 | 0.07 | 2.1 | 0.049 | 0.375 | 1.8 | 0.0044 | 0.32 | 6.28 | 0.149 | 3.33 |
| TCHAR | 338249 | SOIL | MMI | 390053.8 | 5395289 | AMG66_5 | 3150 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.75 | 0.0045 | 0.775 | 0.0006 | 6.5 | 0.014 | 0.079 | 2.11 | 0.041 | 0.489 | 1.96 | 0.106 | 0.179 | 10.6 | 0.148 | 2.98 |
| ATCHAR | 338251 | SOIL | MMI | 389883 | 5395586 | AMG66_5 | 2875 | 8600 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.4 | 0.018 | 0.101 | 0.00012 | 6.86 | 0.00005 | 0.199 | 0.98 | 0.047 | 1.07 | 0.965 | 0.0005 | 0.345 | 6.15 | 0.072 | 4.76 |
| ATCHAR | 338254 | SOIL | MMI | 390078.7 | 5395280 | AMG66_5 | 3175 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.3 | 0.0041 | 0.213 | 0.00026 | 7.25 | 0.0032 | 0.07 | 2.12 | 0.046 | 0.598 | 1.95 | 0.056 | 0.195 | 14.9 | 0.127 | 2.8 |
| ATCHAR | 338255 | SOIL | MMI | 389936.9 | 5395336 | AMG66_5 | 3025 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.3 | 0.0029 | 0.157 | 0.00001 | 2.48 | 0.0007 | 0.02 | 1.79 | 0.022 | 0.176 | 1.56 | 0.001 | 0.215 | 3.14 | 0.114 | 1.6 |
| ATCHAR | 338256 | SOIL | MMI | 390588.2 | 5395077 | AMG66_5 | 3725 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.3 | 0.0057 | 0.356 | 0.00002 | 3.39 | 0.0023 | 0.027 | 0.474 | 0.022 | 0.766 | 0.402 | 0.042 | 0.398 | 3.37 | 0.047 | 1.89 |
| ATCHAR | 338257 | SOIL | MMI | 390280.6 | 5395204 | AMG66_5 | 3375 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.65 | 0.024 | 7.86 | 0.00062 | 4.57 | 0.026 | 0.058 | 0.876 | 0.061 | 3.18 | 0.75 | 0.3 | 0.468 | 11.8 | 0.126 | 1.9 |
| ATCHAR | 338261 | SOIL | MMI | 389788.8 | 5395618 | AMG66_5 | 2775 | 8600 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.5 | 0.053 | 5.16 | 0.00097 | 8.64 | 0.052 | 0.06 | 0.84 | 0.052 | 0.932 | 0.66 | 0.373 | 0.328 | 18 | 0.084 | 6.04 |
| ATCHAR | 338262 | SOIL | MMI | 390307.1 | 5395186 | AMG66_5 | 3425 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.75 | 0.038 | 3.93 | 0.00072 | 8.57 | 0.022 | 0.079 | 0.77 | 0.198 | 1.76 | 0.648 | 0.19 | 0.581 | 8.23 | 0.108 | 4.54 |
| ATCHAR | 338264 | SOIL | MMI | 389773.8 | 5395397 | AMG66_5 | 2850 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.6 | 0.0027 | 0.179 | 0.00009 | 2.25 | 0.0011 | 0.042 | 1.44 | 0.02 | 0.151 | 1.32 | 0.0027 | 0.13 | 3.07 | 0.096 | 3.43 |
| ATCHAR | 338265 | SOIL | MMI | 390857.1 | 5395050 | AMG66_5 | 3800 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.4 | 0.0078 | 0.253 | 0.000005 | 5.81 | 0.0011 | 0.159 | 0.723 | 0.131 | 2.61 | 0.602 | 0.038 | 1.36 | 4.8 | 0.101 | 8.71 |
| ATCHAR | 338266 | SOIL | MMI | 389973 | 5395542 | AMG66_5 | 2975 | 8600 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9 | 0.017 | 0.174 | 0.000005 | 5.48 | 0.0026 | 0.081 | 0.501 | 0.029 | 0.583 | 0.444 | 0.011 | 0.206 | 4.24 | 0.043 | 4.24 |
| ATCHAR | 338267 | SOIL | MMI | 390122.6 | 5395261 | AMG66_5 | 3225 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.75 | 0.0099 | 0.357 | 0.00006 | 4.65 | 0.0085 | 0.054 | 1.67 | 0.032 | 0.718 | 1.7 | 0.066 | 0.218 | 6.8 | 0.117 | 2.66 |
| ATCHAR | 338269 | SOIL | MMI | 390030.4 | 5395178 | AMG66_5 | 3450 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.35 | 0.026 | 5.33 | 0.00043 | 9.64 | 0.052 | 0.074 | 0.299 | 0.045 | 2.07 | 0.256 | 0.858 | 0.289 | 12.5 | 0.047 | 3.21 |
| ATCHAR | 338270 | SOIL | MMI | 390470.2 | 5395121 | AMG66_5 | 3600 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.35 | 0.032 | 2.93 | 0.001 | 10.3 | 0.029 | 0.049 | 0.556 | 0.09 | 4.57 | 0.479 | 0.31 | 0.568 | 5.63 | 0.112 | 1.76 |
| ATCHAR | 338271 | SOIL | MMI | 390191.4 | 5395232 | AMG66_5 | 3300 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.65 | 0.011 | 17.4 | 0.0007 | 4.98 | 0.022 | 0.058 | 3.41 | 0.079 | 0.989 | 2.48 | 0.14 | 0.205 | 26.4 | 0.209 | 2.1 |
| ATCHAR | 338274 | SOIL | MMI | 390423.7 | 5395139 | AMG66_5 | 3550 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.5 | 0.032 | 6.93 | 0.0012 | 15.9 | 0.038 | 0.024 | 0.566 | 0.264 | 4.72 | 0.48 | 0.531 | 2.15 | 9.32 | 0.147 | 4.89 |
| ATCHAR | 338282 | SOIL | MMI | 390516.6 | 5395103 | AMG66_5 | 3650 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.15 | 0.0084 | 0.591 | 0.0003 | 5.19 | 0.0027 | 0.0095 | 0.476 | 0.03 | 1.34 | 0.402 | 0.072 | 0.354 | 3.12 | 0.083 | 9.99 |
| ATCHAR | 338283 | SOIL | MMI | 389861.3 | 5395595 | AMG66_5 | 2850 | 8600 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.85 | 0.013 | 0.133 | 0.00016 | 4.07 | 0.0006 | 0.045 | 0.77 | 0.035 | 0.455 | 0.706 | 0.016 | 0.302 | 5.08 | 0.061 | 5.51 |
| ATCHAR | 338284 | SOIL | MMI | 389819.8 | 5395380 | AMG66_5 | 2900 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9 | 0.0052 | 0.594 | 0.00024 | 6.66 | 0.0032 | 0.033 | 2.15 | 0.068 | 0.417 | 1.8 | 0.012 | 0.275 | 6.07 | 0.158 | 3.92 |
| ATCHAR | 338287 | SOIL | MMI | 389868.5 | 5395362 | AMG66_5 | 2950 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 8.85 | 0.0032 | 0.255 | 0.00024 | 5.1 | 0.0024 | 0.036 | 1.84 | 0.057 | 0.413 | 1.63 | 0.0051 | 0.318 | 4.84 | 0.142 | 3.47 |
| ATCHAR | 338288 | SOIL | MMI | 389750.8 | 5395405 | AMG66_5 | 2825 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.7 | 0.011 | 2.28 | 0.00027 | 7.84 | 0.0062 | 0.044 | 1.89 | 0.153 | 2.25 | 1.54 | 0.172 | 0.427 | 9.59 | 0.171 | 9.23 |
| ATCHAR | 338289 | SOIL | MMI | 389913.2 | 5395345 | AMG66_5 | 3000 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.15 | 0.0031 | 0.28 | 0.00039 | 2.84 | 0.0029 | 0.018 | 1.89 | 0.032 | 0.312 | 1.72 | 0.0014 | 0.293 | 6.69 | 0.127 | 3.57 |
| ATCHAR | 338291 | SOIL | MMI | 390145.5 | 5395251 | AMG66_5 | 3250 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.2 | 0.012 | 1.22 | 0.00097 | 7.68 | 0.021 | 0.025 | 1.99 | 0.041 | 0.254 | 1.9 | 0.102 | 0.318 | 15.5 | 0.151 | 4.36 |
| ATCHAR | 338292 | SOIL | MMI | 390493.4 | 5395112 | AMG66_5 | 3625 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.25 | 0.0087 | 0.872 | 0.00052 | 5.66 | 0.0067 | 0.019 | 0.49 | 0.052 | 1.85 | 0.404 | 0.08 | 0.406 | 3.63 | 0.086 | 3.43 |
| ATCHAR | 338293 | SOIL | MMI | 389761.9 | 5395625 | AMG66_5 | 2750 | 8600 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 10 | 0.102 | 9.88 | 0.0058 | 6.62 | 0.062 | 0.208 | 2.99 | 0.512 | 2.94 | 2.26 | 0.254 | 0.739 | 113.6 | 0.454 | 34.7 |
| ATCHAR | 338295 | SOIL | MMI | 390283.7 | 5395195 | AMG66_5 | 3400 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9 | 0.018 | 2.44 | 0.00075 | 5.81 | 0.042 | 0.039 | 0.497 | 0.051 | 2.1 | 0.427 | 0.357 | 0.576 | 12 | 0.06 | 3.2 |
| ATCHAR | 338299 | SOIL | MMI | 390008 | 5395308 | AMG66_5 | 3100 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.5 | 0.0066 | 2.54 | 0.00062 | 5.93 | 0.01 | 0.027 | 4.21 | 0.066 | 0.517 | 3.21 | 0.033 | 0.267 | 8.09 | 0.297 | 4.36 |
| ATCHAR | 338300 | SOIL | MMI | 390237.6 | 5395213 | AMG66_5 | 3350 | 8400 | HELLYER | AMOEBA | 10/98 | 3865 | 3865 | 9.3 | 0.0052 | 4.69 | 0.00021 | 21.9 | 0.0028 | 0.142 | 1.44 | 0.185 | 1.13 | 1.13 | 0.278 | 0.933 | 9.95 | 0.158 | 15.7 |
| ATCHAR | 338302 | SOIL | MMI | 390086.5 | 5395492 | AMG66_5 | 3100 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9 | 0.0015 | 0.114 | 0.00032 | 5.44 | 0.0037 | 0.03 | 1.26 | 0.021 | 0.239 | 1.13 | 0.0005 | 0.121 | 6.85 | 0.059 | 1.4 |
| MTCHAR | 338305 | SOIL | MMI | 390041.2 | 5395511 | AMG66_5 | 3050 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.05 | 0.011 | 0.073 | 0.00043 | 5.89 | 0.0002 | 0.047 | 0.855 | 0.021 | 1.28 | 0.725 | 0.0005 | 0.188 | 4.65 | 0.052 | 1.77 |
| MTCHAR | 338307 | SOIL | MMI | 390132.3 | 5395474 | AMG66_5 | 3150 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.25 | 0.0048 | 0.052 | 0.00059 | 8.09 | 0.00005 | 0.015 | 2.07 | 0.013 | 0.245 | 1.7 | 0.0005 | 0.243 | 3.23 | 0.099 | 0.586 |
| MTCHAR | 338310 | SOIL | MMI | 390407.9 | 5395361 | AMG66_5 | 3450 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.55 | 0.032 | 0.843 | 0.00053 | 9.04 | 0.029 | 0.03 | 3.1 | 0.029 | 0.733 | 2.58 | 0.057 | 0.411 | 19.5 | 0.154 | 1.73 |
| MTCHAR | 338314 | SOIL | MMI | 390201.4 | 5395448 | AMG66_5 | 3225 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.7 | 0.0085 | 0.143 | 0.000005 | 6.62 | 0.003 | 0.019 | 1.29 | 0.014 | 0.385 | 1.12 | 0.0005 | 0.251 | 5.89 | 0.064 | 0.671 |
| MTCHAR | 338316 | SOIL | MMI | 390636.3 | 5395271 | AMG66_5 | 3700 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.3 | 0.022 | 1.74 | 0.00074 | 18.9 | 0.043 | 0.052 | 1.13 | 0.06 | 1.78 | 1.01 | 0.11 | 1.07 | 5.68 | 0.117 | 1.38 |
| MTCHAR | 338318 | SOIL | MMI | 390224.9 | 5395437 | AMG66_5 | 3250 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.2 | 0.021 | 0.045 | 0.000005 | 10.7 | 0.00005 | 0.051 | 1.24 | 0.016 | 0.635 | 1.03 | 0.0005 | 0.255 | 6.59 | 0.065 | 1.88 |
| MTCHAR | 338321 | SOIL | MMI | 390453.8 | 5395341 | AMG66_5 | 3500 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.35 | 0.022 | 0.158 | 0.000005 | 5.83 | 0.00005 | 0.032 | 1.01 | 0.021 | 0.52 | 0.789 | 0.0005 | 0.359 | 7.13 | 0.045 | 1.75 |
| MTCHAR | 338322 | SOIL | MMI | 390339.4 | 5395391 | AMG66_5 | 3375 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9 | 0.017 | 0.102 | 0.000005 | 12.6 | 0.00005 | 0.017 | 4.33 | 0.012 | 0.19 | 3.71 | 0.0005 | 0.415 | 4.06 | 0.192 | 0.518 |
| MTCHAR | 338327 | SOIL | MMI | 390271.7 | 5395418 | AMG66_5 | 3300 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.6 | 0.037 | 1.42 | 0.00001 | 15.7 | 0.026 | 0.03 | 3.47 | 0.044 | 0.35 | 2.93 | 0.033 | 0.554 | 17 | 0.187 | 1.22 |
| MTCHAR | 338331 | SOIL | MMI | 390683.7 | 5395251 | AMG66_5 | 3750 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.75 | 0.029 | 0.123 | 0.000005 | 4.17 | 0.00005 | 0.0079 | 0.493 | 0.02 | 0.573 | 0.418 | 0.015 | 0.796 | 1.3 | 0.037 | 0.568 |
| MTCHAR | 338332 | SOIL | MMI | 390594.7 | 5395291 | AMG66_5 | 3650 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.6 | 0.057 | 1.53 | 0.0013 | 15 | 0.036 | 0.027 | 0.935 | 0.081 | 3.83 | 0.734 | 0.523 | 1.07 | 5.14 | 0.123 | 1.96 |
| MTCHAR | 338340 | SOIL | MMI | 390614.9 | 5395280 | AMG66_5 | 3675 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.4 | 0.05 | 2.3 | 0.0011 | 20.8 | 0.066 | 0.038 | 0.976 | 0.053 | 3.9 | 0.764 | 0.422 | 1.38 | 5.71 | 0.116 | 4.13 |
| MTCHAR | 338347 | SOIL | MMI | 390109.4 | 5395483 | AMG66_5 | 3125 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.3 | 0.012 | 0.071 | 0.000005 | 8.8 | 0.0005 | 0.017 | 1.83 | 0.015 | 0.331 | 1.68 | 0.003 | 0.714 | 5.19 | 0.086 | 1.76 |
| MTCHAR | 338349 | SOIL | MMI | 390294.3 | 5395409 | AMG66_5 | 3325 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.4 | 0.011 | 0.05 | 0.000005 | 8.36 | 0.00005 | 0.022 | 1.26 | 0.0099 | 0.29 | 1.11 | 0.0005 | 0.555 | 2.67 | 0.06 | 1.82 |
| MTCHAR | 338354 | SOIL | MMI | 390316.9 | 5395400 | AMG66_5 | 3350 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.15 | 0.0099 | 0.097 | 0.000005 | 8.9 | 0.00005 | 0.016 | 3.03 | 0.011 | 0.096 | 2.57 | 0.0005 | 0.769 | 3.22 | 0.134 | 0.882 |
| MTCHAR | 338355 | SOIL | MMI | 390178 | 5395458 | AMG66_5 | 3200 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.45 | 0.0022 | 0.093 | 0.00032 | 6.02 | 0.0025 | 0.0065 | 1.33 | 0.0077 | 0.292 | 1.09 | 0.0088 | 0.192 | 3.52 | 0.055 | 0.51 |
| MTCHAR | 338357 | SOIL | MMI | 390500.7 | 5395325 | AMG66_5 | 3550 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 10 | 0.258 | 0.949 | 0.00032 | 12.3 | 0.00005 | 0.109 | 0.0005 | 0.659 | 5.94 | 23.2 | 0.031 | 0.753 | 72.3 | 6.71 | 8.01 |
| MTCHAR | 338362 | SOIL | MMI | 390547.6 | 5395309 | AMG66_5 | 3600 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.55 | 0.032 | 5.57 | 0.0017 | 21.7 | 0.067 | 0.038 | 1.8 | 0.238 | 4.24 | 1.46 | 0.29 | 1.52 | 16.3 | 0.282 | 4.61 |
| MTCHAR | 338364 | SOIL | MMI | 390016.5 | 5395521 | AMG66_5 | 3025 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.05 | 0.0083 | 0.106 | 0.00005 | 5.78 | 0.00005 | 0.055 | 0.826 | 0.027 | 0.437 | 0.698 | 0.0032 | 0.239 | 4.93 | 0.047 | 5.95 |
| MTCHAR | 338367 | SOIL | MMI | 390362 | 5395381 | AMG66_5 | 3400 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 8.95 | 0.014 | 0.178 | 0.00005 | 12.3 | 0.00005 | 0.042 | 3.04 | 0.025 | 0.201 | 2.71 | 0.019 | 0.361 | 6.22 | 0.14 | 2.47 |
| MTCHAR | 338369 | SOIL | MMI | 390569.8 | 5395298 | AMG66_5 | 3625 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 8.05 | 0.038 | 2.68 | 0.0005 | 13.9 | 0.042 | 0.036 | 0.802 | 0.096 | 3.95 | 0.736 | 0.251 | 0.78 | 7.54 | 0.097 | 3.17 |
| MTCHAR | 338371 | SOIL | MMI | 390430.9 | 5395351 | AMG66_5 | 3475 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.3 | 0.017 | 0.333 | 0.00013 | 5.76 | 0.00005 | 0.036 | 1.8 | 0.02 | 0.731 | 1.5 | 0.05 | 0.644 | 13 | 0.079 | 2.43 |
| MTCHAR | 338374 | SOIL | MMI | 390661.8 | 5395262 | AMG66_5 | 3725 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.4 | 0.018 | 0.816 | 0.00051 | 17.8 | 0.025 | 0.048 | 0.739 | 0.096 | 2.89 | 0.559 | 0.119 | 1.34 | 7.96 | 0.071 | 3.53 |
| MTCHAR | 338384 | SOIL | MMI | 390063.8 | 5395502 | AMG66_5 | 3075 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9 | 0.0058 | 0.097 | 0.00001 | 6.35 | 0.00005 | 0.032 | 1.02 | 0.019 | 0.398 | 0.829 | 0.0085 | 0.177 | 4.34 | 0.053 | 2.96 |
| MTCHAR | 338387 | SOIL | MMI | 390109.4 | 5395483 | AMG66_5 | 3125 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.4 | 0.0047 | 0.108 | 0.000005 | 5.75 | 0.00005 | 0.019 | 1.78 | 0.015 | 0.153 | 1.67 | 0.0076 | 0.336 | 2.52 | 0.096 | 0.882 |
| MTCHAR | 338388 | SOIL | MMI | 389995.8 | 5395531 | AMG66_5 | 3000 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 8.9 | 0.0063 | 0.079 | 0.000005 | 8.96 | 0.00005 | 0.053 | 0.666 | 0.021 | 0.626 | 0.549 | 0.0059 | 0.905 | 3.95 | 0.04 | 7.31 |
| MTCHAR | 338389 | SOIL | MMI | 390155.1 | 5395485 | AMG66_5 | 3175 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 8.95 | 0.0061 | 0.125 | 0.00016 | 7.96 | 0.00005 | 0.014 | 2.6 | 0.02 | 0.247 | 2.1 | 0.012 | 0.564 | 3.78 | 0.127 | 0.988 |
| MTCHAR | 338391 | SOIL | MMI | 390385 | 5395371 | AMG66_5 | 3425 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.55 | 0.015 | 0.218 | 0.00055 | 4.1 | 0.00005 | 0.019 | 2.57 | 0.014 | 0.124 | 2.26 | 0.02 | 0.294 | 6.6 | 0.103 | 1.17 |
| MTCHAR | 338395 | SOIL | MMI | 390524.2 | 5395317 | AMG66_5 | 3575 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.55 | 0.029 | 5.81 | 0.00008 | 20.2 | 0.00005 | 0.059 | 3.48 | 0.27 | 1.46 | 2.83 | 0.134 | 1.11 | 24.5 | 0.281 | 4.37 |
| MTCHAR | 338399 | SOIL | MMI | 390248.8 | 5395427 | AMG66_5 | 3275 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.15 | 0.014 | 0.173 | 0.00012 | 11.1 | 0.00005 | 0.026 | 1.24 | 0.037 | 0.193 | 1.09 | 0.028 | 0.19 | 10.2 | 0.057 | 2.02 |
| MTCHAR | 338400 | SOIL | MMI | 390477.3 | 5395333 | AMG66_5 | 3525 | 8600 | HELLYER | AMOEBA | 10/98 | 3868 | 3868 | 9.5 | 0.024 | 1.58 | 0.00033 | 2.92 | 0.00005 | 0.018 | 0.626 | 0.015 | 0.312 | 0.538 | 0.22 | 0.0005 | 7.49 | 0.026 | 1.8 |