

240001

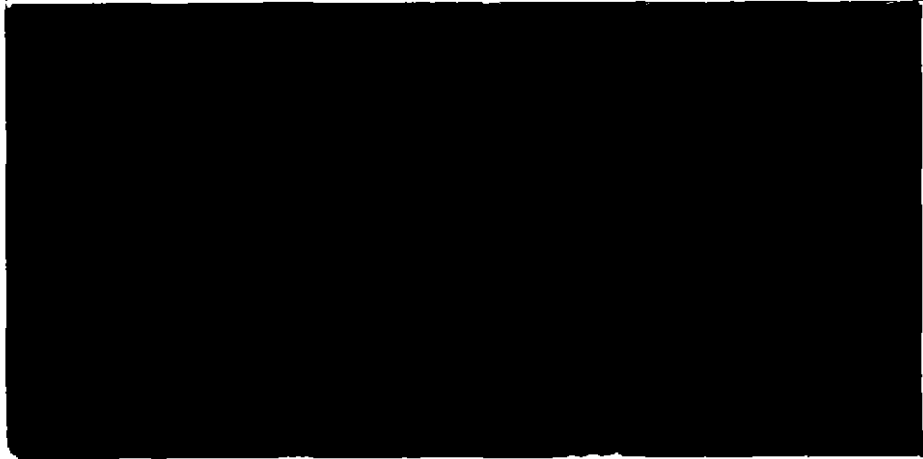
98-4131

Aberfoyle Resources Lim
A.C.N. 004 664 108

PROGRESS & FINAL REPORT,
EL24/95 BULGOBAC VOL 1of3
ABERFOYLE RES. S.RICHARDSON

Exploration Division

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98-4131

PROGRESS & FINAL REPORT,
EL24/95 BULGOBAC VOL 1of3
ABERFOYLE RES. S.RICHARDSON

A B E R F O Y L E

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1.0 SUMMARY

Exploration during the current reporting period has focussed on the Bulgobac Falls prospect. Mapping, soil and rock chip sampling has defined a sandstone and overlying mudstone unit that are anomalous in zinc and lead over a strike length of at least 2.5km. However, no alteration or mineralisation are evident. The anomalous stratigraphy is correlated with the base of the Mt. Julia member of the Tyndall Group.

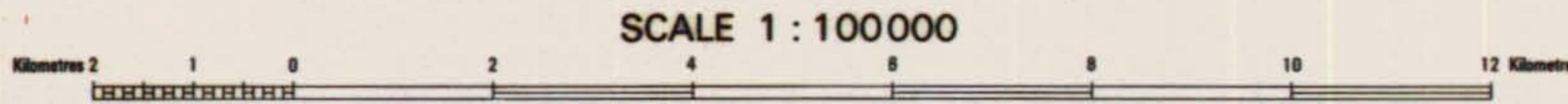
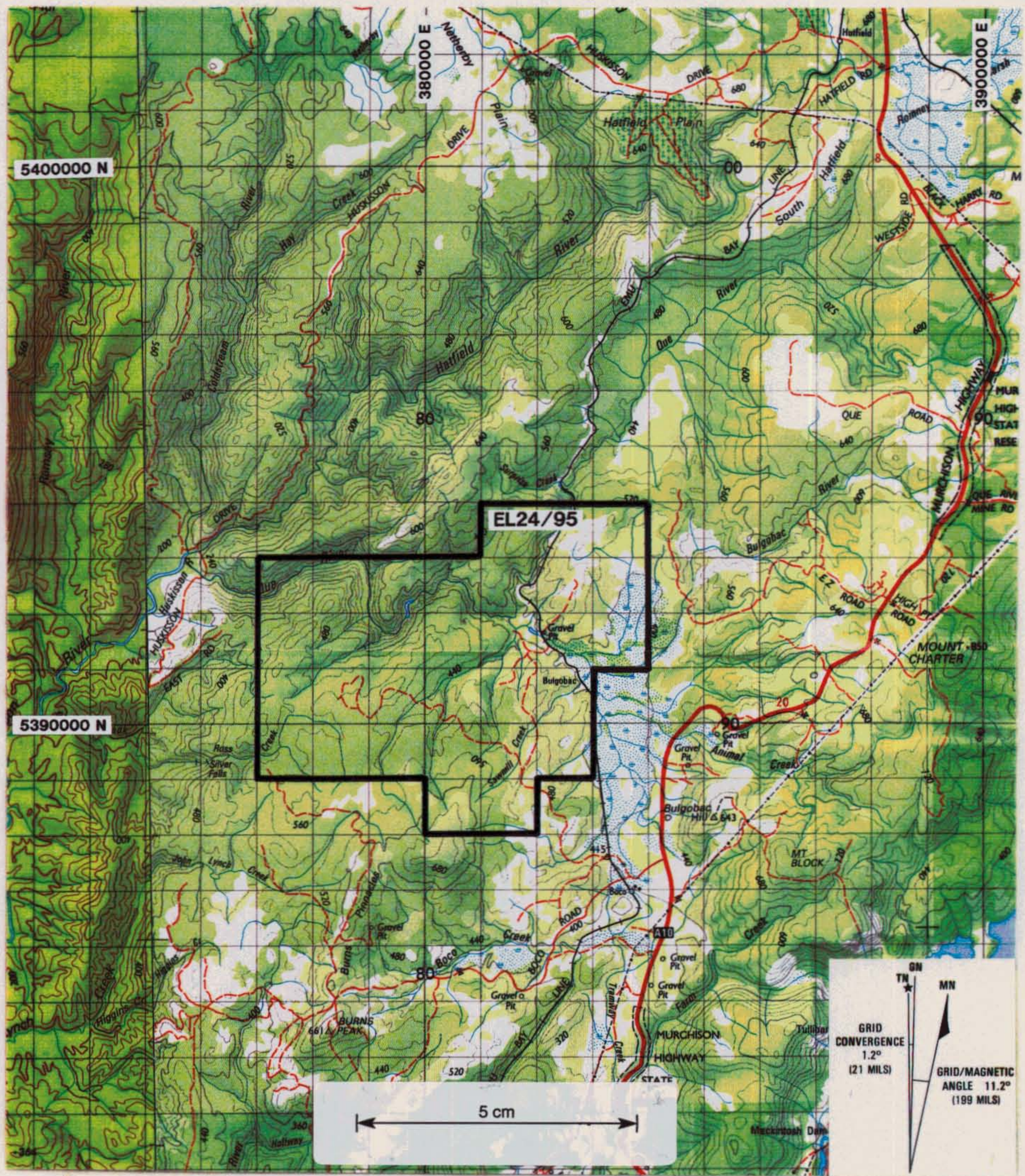
Interpretation of mapping in the Silver Falls area indicates there is insufficient room to accommodate a VHMS ore body and no further work was carried out at this prospect.

Despite the potential for further work at Bulgobac Falls it is felt there is insufficient encouragement for Aberfoyle to continue exploration at this time and consequently Bulgobac EL 24/95 is to be relinquished.

2.0 INTRODUCTION

Exploration licence 24/95 Bulgobac, 31 Sq. km, was granted to Aberfoyle Resources Ltd. on 28 March 1996, the result of a competitive tender (ETA 384) following from a compulsory 50% relinquishment of EL 2/90 previously held by Pasminco Australia Pty. Ltd. The licence is located approximately 17km north of Rosebery and 16 km south west of the Hellyer Mine. It lies west of the Murchison Highway and north of Boco Road and covers the upper Ross Creek catchment and sections of the Bulgobac and Que Rivers (Figure 1). Access is via the Silver Falls track in the SW, the Sawmill Creek track in the centre and Emu Bay Railway and Bulgobac Falls track in the east. Most of the area is covered by rainforest.

The Bulgobac EL is considered prospective primarily for Volcanic Hosted Massive Sulphide (VHMS) mineralisation, whilst porphyry related base metal mineralisation of the Sock Creek style, and Henty style gold mineralisation are secondary targets.



Aberfoyle Resources Limited
EXPLORATION DIVISION

Figure 1

240008

NORTH WESTERN TASMANIA
E.L.24/95 BULGOBAC
LOCALITY PLAN

REVISIONS			
Init.	Date	Init.	Date

Compiled : **RdB**
 Drawn :
 Traced : **RdB**
 Checked : **AMcN**
 Plate No. : **BGB1**

Location Code :

Scale : 1 : 100000

Date : JUNE 1996

1-5

3.0 PREVIOUS EXPLORATION

Previous exploration over the area of EL 24/95 is summarised in McNeill and Richardson (1997). Past work has largely focussed on the Silver Falls area with only minor reconnaissance carried out in the Bulgobac Falls area.

4.0 SILVER FALLS PROSPECT

4.1 Introduction

Aberfoyles interest in the Silver Falls area was based on the perceived potential for prospective Brown's Tunnel host sequence to occur at moderate depth, in a structurally favourable position that had not been covered by surface EM. Details of key features indicated from a compilation of previous exploration data are described in McNeill and Richardson (1997).

4.2 Geological Mapping

At the end of the previous reporting period mapping in the Silver Falls area (Plate BGB 5E) had confirmed the presence of the Rosebery Fault and the Browns Tunnel host sequence but did not confirm an anticlinal closure interpreted by Pasmaenco. Aberfoyles interpretation indicates that prospective host stratigraphy (dipping around 60° E) is depth limited by the moderately east dipping Rosebery Fault (45-50° dip from drill intersections e.g., Pasmaenco DDH HRD-1 on adjacent EL 1/93) and a flexure in the Rosebery Fault to the north of Silver Falls. Combined with re-interpretation of existing Pasmaenco IP data (which has sterilised to approximately 150m below surface) the prospective stratigraphy has a strike length of only 500-600m, and width and depth extent of <100m. This volume is considered to be too small for host economic mineralisation (i.e., mineralisation greater than Que River size).

Given the above geological interpretation a proposed ground EM survey over the Silver Falls area was cancelled and no further work was carried out at this prospect.

5.0 BULGOBAC FALLS PROSPECT

5.1 Introduction

Initial interest in the Bulgobac Falls area was based on the potential for 3-5 strike kilometres of relatively unexplored prospective Lower Tyndall Group correlates in the central part of the EL. These rocks had not been covered by surface EM. In addition weak to moderately anomalous stream sediments, anomalous sericite-quartz alteration and disseminated sphalerite-galena had been reported by previous explorers.

5.2 Research

An Honours project on the volcanology, stratigraphy and structure of the Bulgobac Falls area was completed during the reporting period. The project was supported by Aberfoyle and undertaken by P. Buxton under the supervision of Dr. R.F. Berry at the University of Tasmania. A copy of the thesis has been submitted to Mineral Resources Tasmania.

Stratigraphy in the Bulgobac Falls area displays a basal unit of calcareous volcanogenic sandstone correlated with the Southwell Subgroup. This is overlain by a sequence of coarse grained volcanogenic sandstones interbedded with finer sandstones and mudstones. The sandstones are crystal rich with lower units dominated by feldspar and pyroxene whilst those higher in the sequence are quartz rich. On the basis of this trend, together with textural, mineralogical and geochemical evidence, the sequence is correlated with the Tyndall Group. The pyroxene bearing lower part of the sequence is correlated with the Lynchford member of the Comstock Formation whilst the overlying quartz rich units are correlated with the Mt. Julia member.

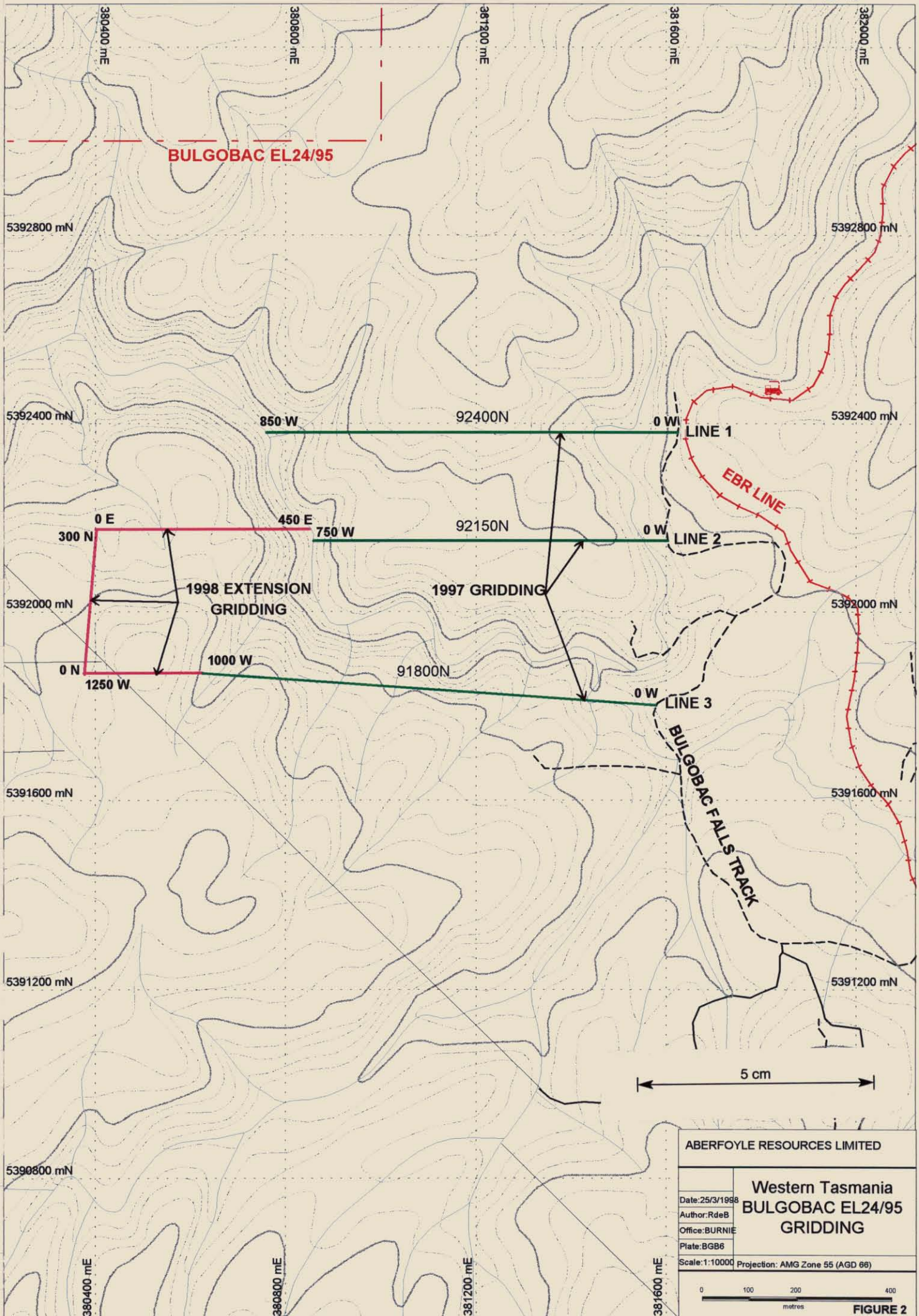
Structure of the Bulgobac Falls area is thought to be simple with the above sequence occupying the eastern arm of a regional NNE trending syncline. No significant faulting was observed.

5.3 Access

To allow access for P. Buxton into the western part of his study area three grid lines were cut as shown on Figure 2. They are approximately along AMG northings at 5391800N, 2150N and 2400N and originate from the 4WD track paralleling the Emu Bay railway. Lines 2 and 3 (2150N and 1800N) were subsequently extended to the west and connected by a tie line.

5.4 Soil Geochemistry

Partial and total digest B horizon soil samples were collected at 50m intervals along the original access lines in July 1997 (Figure 2). Assay results and sample locations are included in Appendix I.



ABERFOYLE RESOURCES LIMITED

**Western Tasmania
BULGOBAC EL24/95
GRIDDING**

Date: 25/3/1998
 Author: RdeB
 Office: BURNIE
 Plate: BGB6
 Scale: 1:10000
 Projection: AMG Zone 55 (AGD 66)

0 100 200 400 metres

FIGURE 2

A Pb+Zn partial and total digest anomaly with a strike length of >700m was indicated, open to the north and south. The anomaly covers a quartz - feldspar rich sandstone / granule conglomerate unit interpreted as a correlate of the base of the Mt. Julia member of the Tyndall Group (Buxton, 1997).

To confirm the B horizon results, C horizon samples were taken across the anomalous zone on Line 2 (2150N) using a power auger. Sample locations and assay results are included in Appendix II. The anomaly was confirmed, with up 926ppm Pb and 545ppm Zn recorded (seperate samples).

In order to test whether the observed soil anomalism was related to mineralisation developed down-dip on the sandstone horizon it was decided to extend lines 2 and 3 to the west and carry out further TMI sampling. These samples were collected in January 1998. Results and sample locations are also included in Appendix I.

The two surveys were combined to produce a plot of TMI response ratios (value / nominal background) which are also included in Appendix I. These show that elevated soil geochemistry is only developed over outcropping sandstone and is best developed on 2150N. No response is evident from mineralisation down dip between 1800N and 2150N.

5.5 Geological Mapping

To follow up the original elevated soil and rock chip results, reconnaissance mapping was undertaken of side creeks which drain into the Que River, generally between the original anomaly and the Emu Bay Railway to the NE. The aim was to better define the distribution of the target sandstone horizon and geochemically sample it along a greater strike length. This would determine whether the geochemical anomaly is a local feature or reflects a high background of base metals within the sandstone unit.

Mapping is plotted on Plate BGB 5C in combination with mapping of the Que and Bulgobac rivers by P. Buxton.

5.6 Rock Chip Geochemistry

Rock chip samples of outcropping sandstone in the vicinity of the original soil anomaly were also found to be anomalous, containing up to 800 ppm Zn, 460 ppm Pb and 2 g/t Ag. Follow up sampling was carried out in conjunction with geological mapping and shows that this unit is anomalous in Pb and Zn over a strike length of at least 2.5km. Sample locations are shown on Plate BGB 5C and assay results are included in Appendix III. Included in Appendix III are results of continuous rock chip samples taken across the units of interest where they are exposed in the Emu Bay Railway cutting on RGC's EL 34/96. These samples were taken with the permission of RGC.

Rock chip samples of mudstones footwall to the anomalous sandstones show they do not contain elevated base metals and are therefore not proximal to a footwall alteration zone.

6.0 CONCLUSIONS

Mapping and geochemistry have indicated that quartz rich sandstone / grannule conglomerate and mudstone correlating with the base of the Mt. Julia member of the Tyndall Group are anomalous in lead and zinc in the Bulgobac Falls area. Although no alteration or mineralisation have been observed, exploration of this horizon has not been extensive and development of VHMS mineralisation down dip or along strike cannot be ruled out.

Despite this potential it has been decided that insufficient key indicators of mineralisation are present to justify further exploration by Aberfoyle and consequently Bulgobac EL 24/95 is to be relinquished.

7.0 EXPENDITURE

The following expenditure was incurred on EL 24/95 Bulgobac for the twelve month period to 28-3-98.

GEOLOGY	\$23888
SURVEY	\$ 1860
GEOPHYSICS	\$ 3866
GEOCHEMISTRY	\$ 6295
ACCESS	\$ 65
OTHER SERVICES	\$ 2522
ADMINISTRATION	\$ 3443
TOTAL	\$41939

8.0 REFERENCES

Buxton, P., 1997. The Structure, Stratigraphy and Regional Correlations of the Bulgobac Falls Area, NW Tasmania. Unpub. BSc. Honours Thesis. University of Tasmania, Hobart.

McNeill, A.,W., Richardson, S., 1997. EL 24/95 Bulgobac, Tasmania. Progress Report for the Period March 1996 to February 1997. Aberfoyle Resources Unpub. Rept. Bulgobac 9

240017

APPENDIX I

240021

ANALYTICAL REPORT

CONTACT: MR R DE BOMFORD
CLIENT: ABERFOYLE RESOURCES LIMITED
ADDRESS: PO BOX 952
BURNIE TASMANIA 7320

LABORATORY: STAFFORD
BATCH NUMBER: ST19408
SUB BATCH: 0
No. OF SAMPLES: 58
DATE RECEIVED: 21/07/97
DATE COMPLETED: 27/08/97

ORDER No.:

SAMPLE TYPE: SOIL

PROJECT:

SAMPLE NUMBER	ELEMENT UNIT METHOD L.O.R.	Cu	Pb	Zn	Cd	As	Sb
		ppb PE011 10	ppb PE011 10	ppm PE011 0.05	ppb PE011 1	ppb PE011 1	ppb PE011 1
828935		20	65	0.69	5	2	1
828936		22	83	1.64	10	4	1
828937		14	52	0.30	2	2	1
828938		10	53	0.81	5	3	2
828939		<10	60	<0.05	4	2	1
828940		18	42	0.85	4	2	1
828941		<10	39	0.44	7	<1	1
828942		<10	20	0.20	3	4	1
828943		28	82	0.40	5	1	1
828944		17	76	0.44	5	2	1
828945		40	72	0.42	9	2	<1
828946		13	193	1.89	9	2	1
828947		<10	34	0.61	3	2	<1
828948		28	118	0.26	18	5	1
828949		<10	300	0.79	8	3	2
828950		15	227	0.61	7	<1	1
828951		11	19	0.39	3	2	1
828952		15	96	0.05	2	2	1
828953		<10	31	0.46	10	<1	<1
828954		12	58	0.42	7	4	1
828955		22	89	0.57	11	2	1
828956		17	79	1.40	15	2	1
828957		17	82	1.36	16	3	<1
828958		24	44	0.31	3	1	<1
828959		19	37	0.36	10	1	<1
828960		22	67	0.80	8	3	<1
828961		<10	46	0.16	3	2	<1
828962		<10	77	0.38	11	1	1
828963		<10	100	0.70	5	4	<1
828964		12	137	1.01	16	1	<1

COMMENTS:

• This is the Final Report which supersedes any preliminary reports with this batch number.

• Results apply to sample(s) as submitted by client.

Geelong Laboratory
Phone: (08) 8952 6020 Fax: (08) 8952 6028
Melbourne Laboratory
Phone: (03) 5448 1390 Fax: (03) 5446 1389
Brisbane Laboratory
Phone: (07) 3243 7222 Fax: (07) 3243 7218
Perth Laboratory
Phone: (07) 87 4155 Fax: (07) 87 4220

Cloncurry Laboratory
Phone: (077) 42 1323 Fax: (077) 42 1685
Kelgoorle Laboratory
Phone: (08) 9021 1457 Fax: (08) 9021 8253
New Zealand Laboratory
Phone: (07) 575 7854 Fax: (07) 575 7841
Orange Laboratory
Phone: (02) 6363 1722 Fax: (02) 6663 1189

Perth Laboratory
Phone: (08) 9249 2988 Fax: (08) 9249 2942
Townsville Laboratory
Phone: (077) 79 9155 Fax: (077) 79 9729

All pages of this report have been checked and approved for release.

AUSTRALIAN LABORATORY SERVICES P/L

A.C.N. 009 936 029

240022

ANALYTICAL REPORT

PAGE 2 of 6

CONTACT: MR R DE BOMFORD
 CLIENT: ABERFOYLE RESOURCES LIMITED
 ADDRESS: PO BOX 952
 BURNIE TASMANIA 7320

LABORATORY: STAFFORD
 BATCH NUMBER: ST19408
 SUB BATCH: 0
 No. OF SAMPLES: 58
 DATE RECEIVED: 21/07/97
 DATE COMPLETED: 27/08/97

ORDER No.:

SAMPLE TYPE: SOIL

PROJECT:

SAMPLE NUMBER	ELEMENT UNIT METHOD L.O.R.	Cu ppb PE011 10	Pb ppb PE011 10	Zn ppm PE011 0.05	Cd ppb PE011 1	As ppb PE011 1	Sb ppb PE011 1
828965		11	132	0.48	5	<1	<1
828966		<10	161	1.14	10	<1	<1
828967		12	809	0.69	12	<1	<1
828968		<10	143	0.57	10	1	<1
828969		12	34	<0.05	3	<1	<1
		S.N.R.	S.N.R.	S.N.R.	S.N.R.	S.N.R.	S.N.R.
828971		84	120	2.08	6	4	<1
		S.N.R.	S.N.R.	S.N.R.	S.N.R.	S.N.R.	S.N.R.
828973		<10	18	0.75	6	4	<1
828974		<10	19	0.10	3	1	<1
828975		24	25	0.65	7	1	<1
828976		13	35	0.32	4	1	<1
828977		12	21	<0.05	5	2	<1
828978		<10	19	<0.05	3	1	<1
828979		<10	29	0.08	4	<1	1
828980		15	55	0.36	8	3	1
828981		10	39	0.10	5	<1	1
828982		18	29	0.12	1	<1	<1
828983		40	33	0.26	9	1	1
828984		10	35	<0.05	2	<1	1
828985		12	41	0.59	6	1	<1
828986		27	57	2.19	7	2	1
828987		<10	69	0.48	3	<1	<1
828988		19	174	0.99	11	<1	<1
828989		19	26	0.21	3	<1	1
828990		11	26	0.15	2	<1	1
828970		<10	17	0.78	4	5	1
828972		<10	270	0.47	9	<1	<1

COMMENTS:

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Geelong Laboratory
 Phone: (08) 8952 6020 Fax: (08) 8952 6028
Adelaide Laboratory
 Phone: (03) 5448 1390 Fax: (03) 5448 1389
Brisbane Laboratory
 Phone: (07) 3243 7222 Fax: (07) 3243 7218
Porters Towers Laboratory
 Phone: (077) 87 4155 Fax: (077) 87 4220

Cloncurry Laboratory
 Phone: (077) 42 1323 Fax: (077) 42 1885
Kalgoorlie Laboratory
 Phone: (08) 9021 1457 Fax: (08) 9021 8253
New Zealand Laboratory
 Phone: (07) 575 7854 Fax: (07) 575 7841
Orange Laboratory
 Phone: (02) 6363 1722 Fax: (02) 6663 1189

Perth Laboratory
 Phone: (08) 9249 2988 Fax: (08) 9249 2942
Townsville Laboratory
 Phone: (077) 79 9155 Fax: (077) 79 9729

240023

ANALYTICAL REPORT

CONTACT: MR R DE BOMFORD
CLIENT: ABERFOYLE RESOURCES LIMITED
ADDRESS: PG BOX 952
BURNIE TASMANIA 7320

LABORATORY: STAFFORD
BATCH NUMBER: ST19408
SUB BATCH: 0
No. OF SAMPLES: 58
DATE RECEIVED: 21/07/97
DATE COMPLETED: 27/08/97

ORDER No.:

SAMPLE TYPE: SOIL

PROJECT:

SAMPLE NUMBER	ELEMENT UNIT METHOD L.O.R.	Tl ppb PE011 1	Cu ppm IC587 5	Pb ppm IC587 5	Zn ppm IC587 5	Cd ppm IC587 5	As ppm IC587 5
828935		<1	34	16	31	<5	8
828936		<1	29	17	26	<5	6
828937		<1	5	17	18	<5	<5
828938		3	16	45	43	<5	6
828939		<1	<5	13	6	<5	<5
828940		<1	22	22	36	<5	7
828941		<1	20	33	32	<5	<5
828942		<1	18	18	22	<5	<5
828943		<1	11	17	24	<5	5
828944		<1	21	33	26	<5	<5
828945		<1	34	23	49	<5	11
828946		<1	46	190	183	<5	8
828947		<1	13	31	16	<5	<5
828948		<1	14	75	27	<5	<5
828949		<1	26	217	75	<5	13
828950		<1	21	96	117	<5	6
828951		<1	22	29	50	<5	7
828952		<1	23	70	37	<5	<5
828953		<1	25	63	88	<5	10
828954		<1	20	20	25	<5	6
828955		<1	26	31	31	<5	<5
828956		<1	5	40	22	<5	<5
828957		<1	22	39	25	<5	5
828958		<1	12	21	44	<5	6
828959		<1	5	15	24	<5	<5
828960		<1	13	41	99	<5	6
828961		<1	<5	11	10	<5	<5
828962		<1	<5	39	17	<5	<5
828963		<1	9	45	26	<5	<5
828964		<1	8	101	123	<5	10

COMMENTS:

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• Results apply to sample(s) as submitted by client.

Geelong Laboratory
Phone: (08) 8952 8020 Fax: (08) 8952 8028
Mildura Laboratory
Phone: (03) 5446 1390 Fax: (03) 5446 1389
Brisbane Laboratory
Phone: (07) 3243 7222 Fax: (07) 3243 7218
Porters Towers Laboratory
Phone: (077) 87 4155 Fax: (077) 87 4220

Cloncurry Laboratory
Phone: (077) 42 1323 Fax: (077) 42 1685
Kalgoorlie Laboratory
Phone: (08) 9021 1457 Fax: (08) 9021 6253
New Zealand Laboratory
Phone: (07) 575 7654 Fax: (07) 575 7641
Orange Laboratory
Phone: (02) 6383 1722 Fax: (02) 6383 1188

Perth Laboratory
Phone: (08) 9249 2988 Fax: (08) 9249 2942
Townsville Laboratory
Phone: (077) 79 9155 Fax: (077) 79 9729

240024

ANALYTICAL REPORT

CONTACT: MR R DE BOMFORD
CLIENT: ABERFOYLE RESOURCES LIMITED
ADDRESS: PO BOX 952
BURNIE TASMANIA 7320

LABORATORY: STAFFORD
BATCH NUMBER: ST19408
SUB BATCH: 0
No. OF SAMPLES: 58
DATE RECEIVED: 21/07/97
DATE COMPLETED: 27/08/97

ORDER No.:

SAMPLE TYPE: SOIL

PROJECT:

SAMPLE NUMBER	ELEMENT UNIT METHOD L.O.R.	Tl ppb PE011 1	Cu ppm IC587 5	Pb ppm IC587 5	Zn ppm IC587 5	Cd ppm IC587 5	As ppm IC587 5
828965		<1	<5	139	132	<5	7
828966		<1	<5	399	224	<5	9
828967		<1	13	586	328	<5	12
828968		<1	9	204	309	<5	11
828969		<1	<5	28	18	<5	<5
		S.N.R.	S.N.R.	S.N.R.	S.N.R.	S.N.R.	S.N.R.
828971		<1	12	28	22	<5	<5
		S.N.R.	S.N.R.	S.N.R.	S.N.R.	S.N.R.	S.N.R.
828973		<1	<5	30	21	<5	<5
828974		<1	<5	9	6	<5	<5
828975		<1	<5	15	16	<5	<5
828976		<1	<5	14	14	<5	6
828977		<1	16	9	49	<5	13
828978		<1	15	25	78	<5	8
828979		<1	19	29	56	<5	10
828980		<1	31	19	43	<5	21
828981		<1	18	27	40	<5	11
828982		<1	6	15	11	<5	7
828983		<1	12	19	22	<5	12
828984		<1	<5	19	12	<5	7
828985		<1	8	27	16	<5	5
828986		<1	11	70	69	<5	8
828987		<1	11	116	396	<5	11
828988		<1	12	161	262	<5	13
828989		<1	21	53	53	<5	8
828990		<1	19	60	53	<5	7
828970		<1	5	29	24	<5	<5
828972		<1	<5	116	122	<5	5

COMMENTS:

* This is the Final Report which supersedes any preliminary reports with this batch number.

* Results apply to sample(s) as submitted by client.

Alice Springs Laboratory
Phone: (08) 8952 8020 Fax: (08) 8952 6028
Adigo Laboratory
Phone: (03) 5448 1390 Fax: (03) 5448 1389
Brisbane Laboratory
Phone: (07) 3243 7222 Fax: (07) 3243 7218
Charters Towers Laboratory
Phone: (077) 87 4155 Fax: (077) 87 4220

Cloncurry Laboratory
Phone: (077) 42 1323 Fax: (077) 42 1685
Kalgoorlie Laboratory
Phone: (08) 9021 1457 Fax: (08) 9021 8253
New Zealand Laboratory
Phone: (07) 575 7854 Fax: (07) 575 7841
Orange Laboratory
Phone: (02) 6383 1722 Fax: (02) 6663 1189

Perth Laboratory
Phone: (08) 9249 2988 Fax: (08) 9249 2942
Townsville Laboratory
Phone: (077) 79 9155 Fax: (077) 79 9729



ANALYTICAL REPORT

CONTACT: MR R DE BOMFORD
 CLIENT: ABERFOYLE RESOURCES LIMITED
 ADDRESS: PO BOX 952
 BURNIE TASMANIA 7320

LABORATORY: STAFFORD
 BATCH NUMBER: ST19408
 SUB BATCH: 0
 No. OF SAMPLES: 58
 DATE RECEIVED: 21/07/97
 DATE COMPLETED: 27/08/97

ORDER No.:

SAMPLE TYPE: SOIL

PROJECT:

SAMPLE NUMBER	ELEMENT UNIT METHOD L.O.R.	Sb ppm IC587 5				
828935		<5				
828936		<5				
828937		<5				
828938		<5				
828939		<5				
828940		<5				
828941		<5				
828942		<5				
828943		<5				
828944		<5				
828945		<5				
828946		<5				
828947		<5				
828948		<5				
828949		24				
828950		8				
828951		7				
828952		<5				
828953		6				
828954		<5				
828955		<5				
828956		<5				
828957		<5				
828958		<5				
828959		<5				
828960		<5				
828961		<5				
828962		<5				
828963		<5				
828964		<5				

COMMENTS:

• This is the Final Report which supersedes any preliminary reports with this batch number. • Results apply to sample(s) as submitted by client.

Alpine Springs Laboratory
 Phone: (08) 8952 8020 Fax: (08) 8952 8028
 Bendigo Laboratory
 Phone: (03) 5446 1390 Fax: (03) 5446 1389
 Brisbane Laboratory
 Phone: (07) 3243 7222 Fax: (07) 3243 7218
 Porters Towers Laboratory
 Phone: (077) 87 4155 Fax: (077) 87 4220

Cloncurry Laboratory
 Phone: (077) 42 1323 Fax: (077) 42 1685
 Kalgoorlie Laboratory
 Phone: (08) 9021 1457 Fax: (08) 9021 6253
 New Zealand Laboratory
 Phone: (07) 575 7654 Fax: (07) 575 7641
 Orange Laboratory
 Phone: (02) 6363 1722 Fax: (02) 6663 1169

Perth Laboratory
 Phone: (08) 9249 2988 Fax: (08) 9249 2942
 Townsville Laboratory
 Phone: (077) 79 9155 Fax: (077) 79 9729

AUSTRALIAN LABORATORY SERVICES P/L

A.C.N. 009 938 029

240026

ANALYTICAL REPORT

PAGE 6 of 6

CONTACT: MR R DE BOMFORD
 CLIENT: ABERFOYLE RESOURCES LIMITED
 ADDRESS: PO BOX 952
 BURNIE TASMANIA 7320

LABORATORY: STAFFORD
 BATCH NUMBER: ST19408
 SUB BATCH: 0
 No. OF SAMPLES: 58
 DATE RECEIVED: 21/07/97
 DATE COMPLETED: 27/08/97

ORDER No.:

SAMPLE TYPE: SOIL

PROJECT:

SAMPLE NUMBER	ELEMENT UNIT METHOD L.O.R.	Sb ppm IC587 5				
828965		<5				
828966		<5				
828967		<5				
828968		<5				
828969		<5				
828971		S.N.R. <5				
828973		<5				
828974		<5				
828975		<5				
828976		<5				
828977		7				
828978		5				
828979		<5				
828980		<5				
828981		<5				
828982		<5				
828983		<5				
828984		<5				
828985		<5				
828986		<5				
828987		<5				
828988		5				
828989		<5				
828990		<5				
32397c		<5				
323972		<5				

COMMENTS:

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• Results apply to sample(s) as submitted by client.

Geelong Laboratory
 Phone: (08) 8952 6020 Fax: (08) 8952 6028
 Goldcoast Laboratory
 Phone: (03) 5446 1390 Fax: (03) 5446 1389
 Brisbane Laboratory
 Phone: (07) 3243 7222 Fax: (07) 3243 7218
 Porters Towers Laboratory
 Phone: (077) 87 4155 Fax: (077) 87 4220

Cloncurry Laboratory
 Phone: (077) 42 1323 Fax: (077) 42 1688
 Kalgoorlie Laboratory
 Phone: (08) 9021 1457 Fax: (08) 9021 8253
 New Zealand Laboratory
 Phone: (07) 575 7854 Fax: (07) 575 7641
 Orange Laboratory
 Phone: (02) 8363 1722 Fax: (02) 6683 1188

Perth Laboratory
 Phone: (08) 9249 2988 Fax: (08) 9249 2942
 Townsville Laboratory
 Phone: (077) 79 9155 Fax: (077) 79 9729

ANALYTICAL REPORT

CONTACT: MR R DE BOMFORD
CLIENT: ABERFOYLE RESOURCES LIMITED
ADDRESS: PO BOX 952
BURNIE TASMANIA 7320

LABORATORY: STAFFORD
BATCH NUMBER: ST21333
SUB BATCH: 0
No. OF SAMPLES: 22
DATE RECEIVED: 08/01/98
DATE COMPLETED: 19/02/98

ORDER No.:

SAMPLE TYPE: SOIL

PROJECT:

SAMPLE NUMBER	ELEMENT UNIT METHOD L.O.R.	Cu ppb PE011 10	Pb ppb PE011 10	Zn ppm PE011 0.05	Cd ppb PE011 1	As ppb PE011 1	Sb ppb PE011 1
829412		27	131	0.50	6	5	<1
829413		18	88	0.65	7	2	<1
829414		14	50	0.23	2	2	2
829415		16	64	0.57	8	3	<1
829416		31	50	0.52	3	2	<1
829417		16	36	0.39	5	1	<1
829418		23	58	0.33	5	2	<1
829419		16	26	0.45	4	4	<1
829420		<10	<10	<0.05	3	<1	1
829421		19	37	1.05	9	<1	<1
829422		58	49	0.59	5	2	<1
829423		21	73	0.36	11	2	<1
829424		26	28	0.29	4	1	<1
829425		19	116	0.84	19	2	<1
829426		33	49	0.34	6	2	<1
829427		15	33	0.42	5	13	<1
829428		34	124	0.32	10	9	<1
829429		16	97	1.51	15	3	<1
829430		76	340	2.71	14	1	<1
829431		<10	288	1.26	30	1	<1
829432		63	81	2.14	7	5	<1
829433		11	332	0.55	8	<1	<1

COMMENTS:

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Springs Laboratory
Phone: (08) 8952 8020 Fax: (08) 8952 8028
Idigo Laboratory
Phone: (03) 5448 1390 Fax: (03) 5448 1389
Brisbane Laboratory
Phone: (07) 3243 7222 Fax: (07) 3243 7218
Porters Towers Laboratory
Phone: (07) 3243 7222 Fax: (07) 3243 7220

Cloncurry Laboratory
Phone: (077) 42 1323 Fax: (077) 42 1885
Kalgoorlie Laboratory
Phone: (08) 9021 1457 Fax: (08) 9021 8253
New Zealand Laboratory
Phone: (07) 575 7854 Fax: (07) 575 7841
Orange Laboratory
Phone: (02) 8363 1722 Fax: (02) 8363 1180

Perth Laboratory
Phone: (08) 9249 2988 Fax: (08) 9249 2942
Townsville Laboratory
Phone: (077) 79 9155 Fax: (077) 79 9729

All pages of this report have been checked and approved for release.

ANALYTICAL REPORT

CONTACT: MR R DE BOMFORD
CLIENT: ABERFOYLE RESOURCES LIMITED
ADDRESS: PO BOX 952
BURNIE TASMANIA 7320

LABORATORY: STAFFORD
BATCH NUMBER: ST21333
SUB BATCH: 0
No. OF SAMPLES: 22
DATE RECEIVED: 08/01/98
DATE COMPLETED: 19/02/98

ORDER No.:

SAMPLE TYPE: SOIL

PROJECT:

SAMPLE NUMBER	ELEMENT UNIT METHOD L.O.R.	Tl ppb PE011 1	Cu ppm IC587 5	Pb ppm IC587 5	Zn ppm IC587 5	Cd ppm IC587 5	As ppm IC587 5
829412		1	18	91	68	<5	13
829413		<1	6	10	9	<5	<5
829414		<1	7	13	10	<5	<5
829415		<1	12	174	35	<5	<5
829416		<1	54	2230	278	22	<5
829417		<1	8	27	12	<5	<5
829418		<1	6	18	8	<5	<5
829419		<1	<5	<5	6	<5	<5
829420		<1	52	31	180	<5	<5
829421		<1	18	54	50	<5	<5
829422		<1	24	34	42	<5	<5
829423		<1	11	33	57	<5	10
829424		<1	15	12	28	<5	<5
829425		1	11	31	25	<5	5
829426		<1	8	10	16	<5	<5
829427		<1	15	116	79	<5	10
829428		1	16	27	14	<5	<5
829429		<1	18	46	69	<5	5
829430		1	9	171	174	<5	<5
829431		1	14	446	353	<5	<5
829432		<1	16	39	24	<5	<5
829433		<1	5	141	118	<5	<5

COMMENTS:

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• Results apply to sample(s) as submitted by client.

Geelong Laboratory
Phone: (08) 8952 6020 Fax: (08) 8952 6028
Melbourne Laboratory
Phone: (03) 5446 1390 Fax: (03) 5446 1389
Brisbane Laboratory
Phone: (07) 3243 7222 Fax: (07) 3243 7218
Porters Towers Laboratory
Phone: (077) 87 4155 Fax: (077) 87 4220

Cloncurry Laboratory
Phone: (077) 42 1323 Fax: (077) 42 1685
Kalgoorlie Laboratory
Phone: (08) 9021 1457 Fax: (08) 9021 6253
New Zealand Laboratory
Phone: (07) 575 7854 Fax: (07) 575 7841
Orange Laboratory
Phone: (02) 8363 1722 Fax: (02) 8363 1189

Perth Laboratory
Phone: (08) 9249 2988 Fax: (08) 9249 2942
Townsville Laboratory
Phone: (077) 79 9155 Fax: (077) 79 9729

ANALYTICAL REPORT

CONTACT: MR R DE BOMFORD
CLIENT: ABERFOYLE RESOURCES LIMITED
ADDRESS: PO BOX 952
BURNIE TASMANIA 7320

LABORATORY: STAFFORD
BATCH NUMBER: ST21333
SUB BATCH: 0
No. OF SAMPLES: 22
DATE RECEIVED: 08/01/98
DATE COMPLETED: 19/02/98

ORDER No.:

SAMPLE TYPE: SOIL

PROJECT:

SAMPLE NUMBER	ELEMENT UNIT METHOD L.O.R.	Sb ppm IC587 5				
829412		6				
829413		<5				
829414		<5				
829415		<5				
829416		<5				
829417		<5				
829418		<5				
829419		<5				
829420		<5				
829421		<5				
829422		<5				
829423		<5				
829424		<5				
829425		<5				
829426		<5				
829427		<5				
829428		<5				
829429		<5				
829430		<5				
829431		6				
829432		<5				
829433		<5				

COMMENTS:

• This is the Final Report which supersedes any preliminary reports with this batch number.

• Results apply to sample(s) as submitted by client.

Adelaide Laboratory
Phone: (08) 8952 8020 Fax: (08) 8952 6028
Brisbane Laboratory
Phone: (03) 5448 1390 Fax: (03) 5446 1389
Burnie Laboratory
Phone: (07) 3243 7222 Fax: (07) 3243 7218
Canberra Laboratory
Phone: (07) 4155 5111 Fax: (07) 4155 5120

Cloncurry Laboratory
Phone: (077) 42 1323 Fax: (077) 42 1685
Kalgoorlie Laboratory
Phone: (08) 9021 1457 Fax: (08) 9021 8253
New Zealand Laboratory
Phone: (07) 575 7654 Fax: (07) 575 7641
Orange Laboratory
Phone: (03) 4322 1722 Fax: (03) 4322 1180

Perth Laboratory
Phone: (08) 9249 2988 Fax: (08) 9249 2942
Townsville Laboratory
Phone: (077) 79 9155 Fax: (077) 79 9729

240031

ANALYTICAL REPORT

CONTACT: MR R DE BOMFORD
CLIENT: ABERFOYLE RESOURCES LIMITED
ADDRESS: PO BOX 952
BURNIE TASMANIA 7320

LABORATORY: STAFFORD
BATCH NUMBER: ST21333
SUB BATCH: 0
No. OF SAMPLES: 22
DATE RECEIVED: 08/01/98
DATE COMPLETED: 19/02/98

ORDER No.: SAMPLE TYPE: DUPLICATES PROJECT:

SAMPLE NUMBER	ELEMENT UNIT METHOD L.O.R.	Cu ppb PE011 10	Pb ppb PE011 10	Zn ppm PE011 0.05	Cd ppb PE011 1	As ppb PE011 1	Sb ppb PE011 1
*** 829420 Original Result		<10 <10	18 <10	<0.05 <0.05	11 3	<1 <1	1 1
*** 829430 Original Result		45 76	297 340	2.77 2.71	14 14	2 1	1 <1
*** 829431 Original Result		13 <10	266 288	1.45 1.26	22 30	1 1	1 <1

COMMENTS:

Results which appear on this report are for laboratory QUALITY CONTROL purposes.

• This is the Final Report which supersedes any preliminary reports with this batch number.

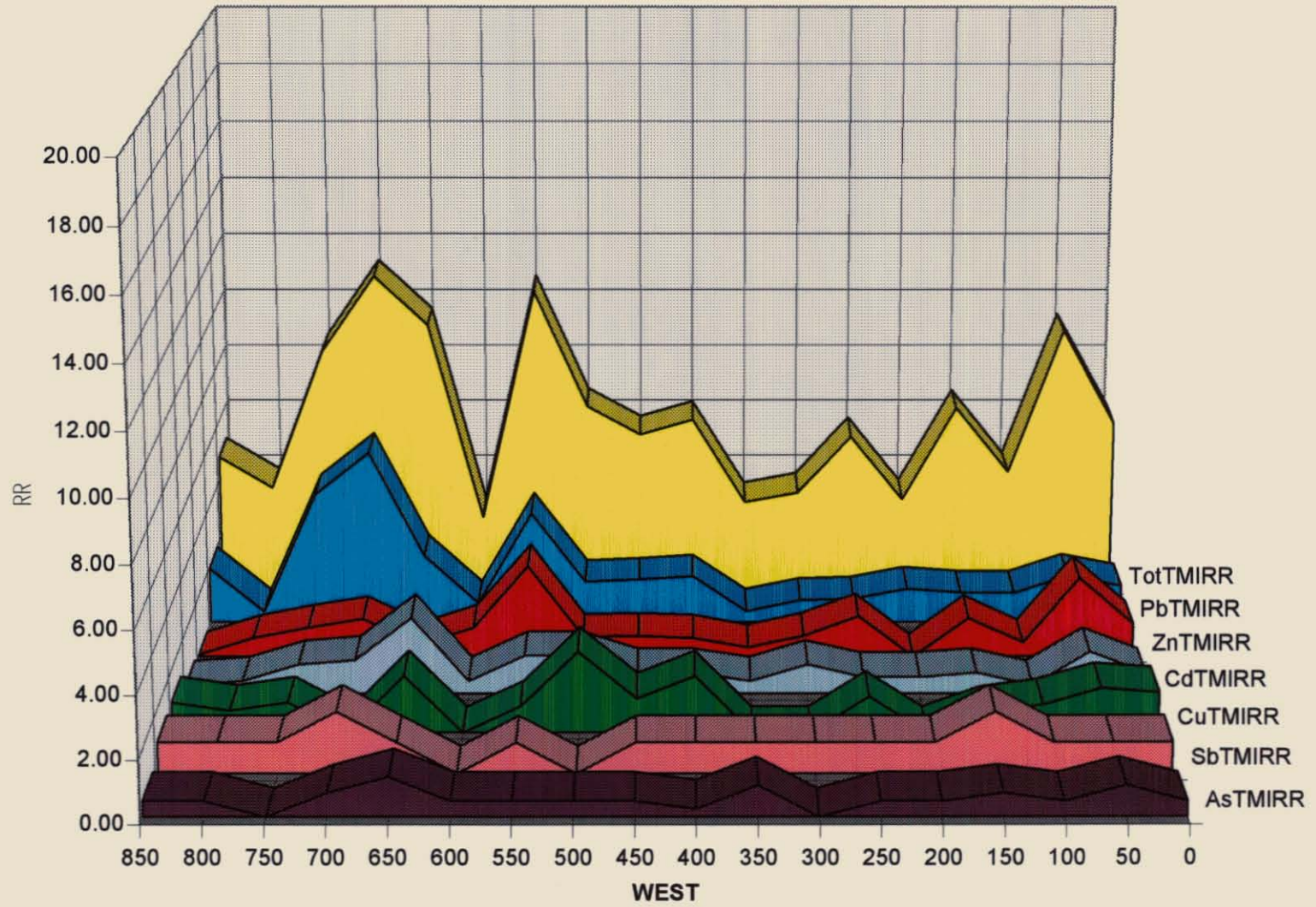
• Results apply to sample(s) as submitted by client.

Geelong Laboratory
Phone: (08) 8952 6020 Fax: (08) 8952 6028
Indigo Laboratory
Phone: (03) 5448 1390 Fax: (03) 5448 1389
Brisbane Laboratory
Phone: (07) 3243 7222 Fax: (07) 3243 7218
Porters Towers Laboratory
Phone: (07) 4155 5155 Fax: (07) 4155 5120

Cloncurry Laboratory
Phone: (077) 42 1323 Fax: (077) 42 1685
Kalgoorlie Laboratory
Phone: (08) 9021 1457 Fax: (08) 9021 8253
New Zealand Laboratory
Phone: (07) 575 7854 Fax: (07) 575 7641
Orange Laboratory
Phone: (02) 6383 1733 Fax: (02) 6383 1733

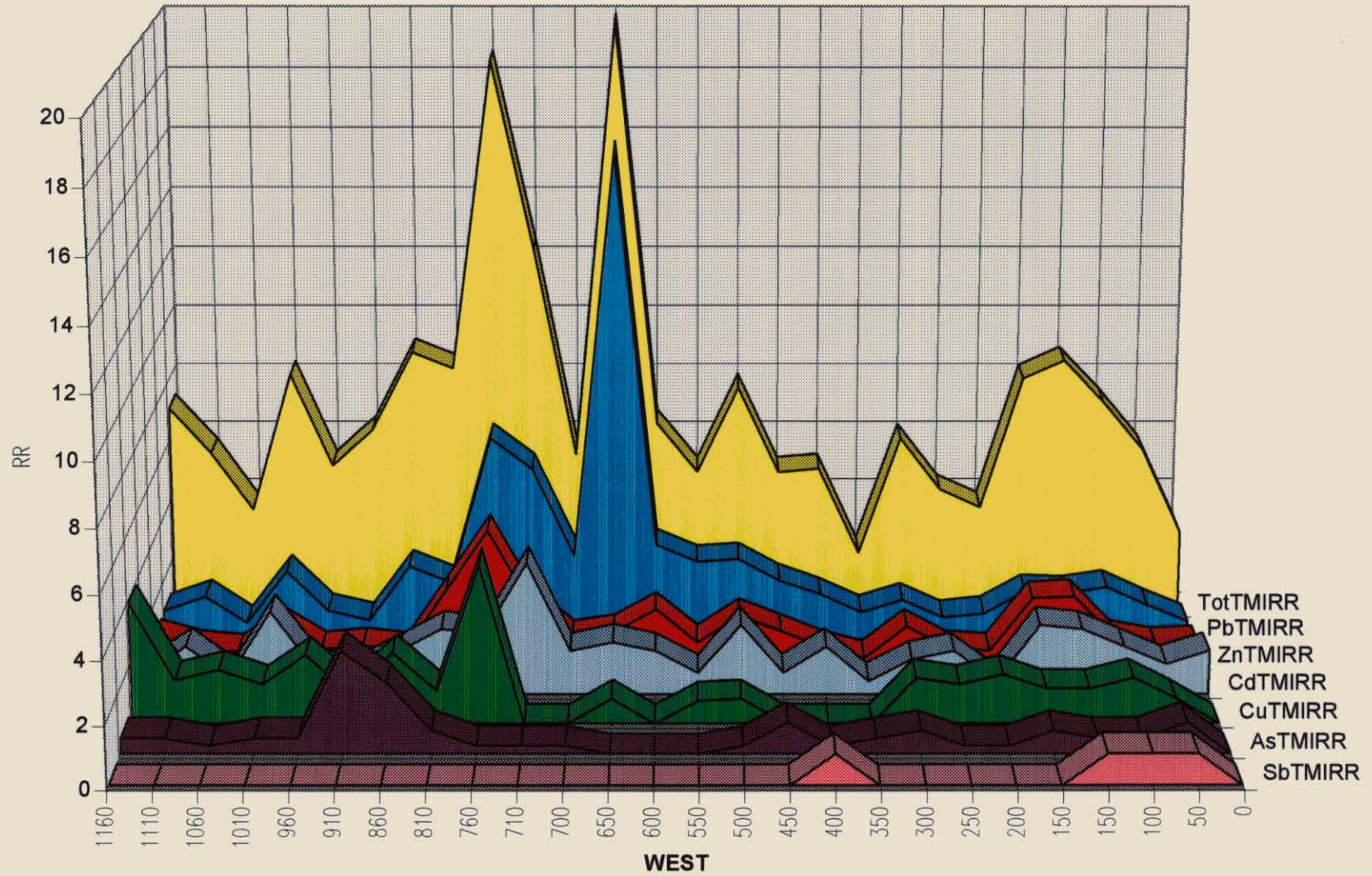
Perth Laboratory
Phone: (08) 9249 2988 Fax: (08) 9249 2942
Townsville Laboratory
Phone: (077) 79 9155 Fax: (077) 79 9729

LINE1 TMI RESPONSE RATIOS

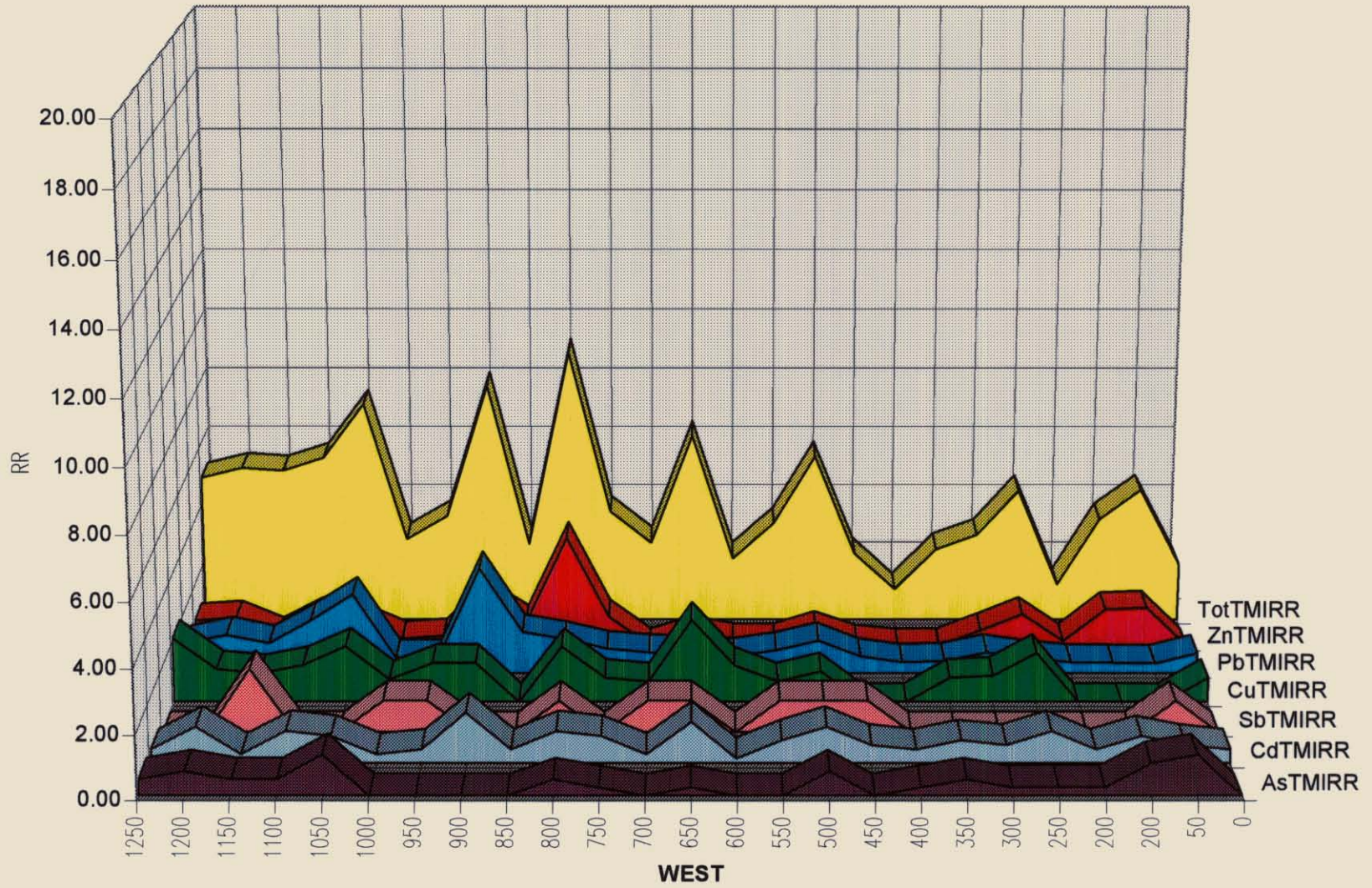


240032

LINE 2 TMI RESPONSE RATIOS



LINE 3 TMI RESPONSE RATIOS



APPENDIX II



Our reference : BU013669
 Your reference : 18042
 Project code : Richard deBomford Soils
 Date received : 12/09/97
 Date reported : 26/09/97

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

Richard De Bomford
 Services Officer
 Exploration Division
 Aberfoyle Resources Limited
 Exploration Division
 P.O. Box 952
 BURNIE
 TAS 7320

Number of pages of results : 1
 Number of Samples : 16
 First Sample : 628859
 Last Sample : 628874

Invoice to:
 Richard De Bomford
 Services Officer
 Exploration Division
 Aberfoyle Resources Limited
 Exploration Division
 P.O. Box 952
 BURNIE
 TAS 7320

Electronic Data Transmission :
 Modem Y 26/09/97
 Facsimile / /
 Disk Report Y / /

Preliminary Reports :
 19/09/97 Report
 23/09/97 Report
 23/09/97 Report

Results to:

Results to:

Remarks : Samples have been reassayed for zinc, and results for repeat analyses are reported. Tests of original zinc AAS lamp have shown it to be displaying unstable characteristics. The lamp has since been replaced. Apologies for the inconvenience.
 Richard

Authorised by
 On behalf of:

Richard Newman
 Laboratory Manager

The results in the following analytical report pertain to the samples provided to this laboratory for preparation and/or analysis as requested by the client.

APPENDIX III

PROJECT Bulgobac - EL24/95 Bulgobac Ebb	BSS SIEVE SIZE CODE - MESH NUMBER A 200 D 80 G 30 B 150 E 60 H 20 C 100 F 40 T - TOTAL	SAMPLE TYPE CODE <input type="checkbox"/> OXIDIZED PRODUCTS O <input checked="" type="checkbox"/> FRESH ROCK R <input type="checkbox"/> STREAM SEDIMENTS S	<input checked="" type="checkbox"/> WEATHERED BEDROCK W <input type="checkbox"/> SURFACE TRANSPORTED T <input type="checkbox"/> RESIDUAL SOIL E <input type="checkbox"/> MINE DUMP M	CARD PUNCH PRINT YES <input type="checkbox"/> NO <input type="checkbox"/>	VERIFY YES <input type="checkbox"/> NO <input type="checkbox"/>	DATE 17/09/97	SHEET 191
---	--	---	---	--	--	-------------------------	---------------------

EASTINGS		NORTHINGS		SAMPLE NUMBER		DEPTH in CMS		SIZE FRACTION		Sample Type		METAL VALUES PPM														GEOLOGICAL LOG																																																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
380860		5392150		628795				R.C.		Co, Pb, Zn, Ag, Ba, As																interbedded grey shale and fine grained M.S.S.																																																					
380890		5392150		797				"		"																"																																																					
380970		5392130		798				"		"																Trondal Group																																																					
381090		5392140		798				"		"																polymit rhythmic fine medium lamella calcareous																																																					
381760		5391765		628875				R.C.		Co, Pb, Zn, Ag, Ba, As																Massive grey Quartz-feldspathic porphyry																																																					
381735		5391755		876				"		"																Co-illorad																																																					
381695		5391730		877				"		"																M.S. Br. Q-Fldz crystal-rich Sandstone																																																					
381690		5391725		878				"		"																Massive grey silt. clay from vld. mud flow.																																																					
381690		5391725		879				"		"																Q-Fldz-rich matrix of mudflow vld.																																																					
381690		5391725		880				"		"																Laminated shale/siltstone from vld. mud flow.																																																					
381689		5391720		881				"		"																vld. lamination, laminae and Co-illorad porphyry clasts.																																																					
381688		5391718		882				"		"																Massive grey limestone clay from vld.																																																					

240010

BULGOBAC ROCKCHIP SAMPLING
3&5-2-98

<u>POSITION</u>	<u>No.</u>	<u>DESCRIPTION</u>	<u>N</u>	<u>E</u>
CREEK4				
0 (Que River) 180-190	628927	Y Q+Fd lithic Ss	5392510	381320
CREEK 5				
0 (Que River) 70	628928	GyBk Mst	5392180	380915
QUE RIVER				
	628929	GyGn Q rich Ss	5392105	380850
	628930	GyGn Q rich Ss	5392025	380855
CREEK 6				
0 (Que River)				
20	628931	GyGn Cl Q+Fd Ss	5392045	380835
40	628932	GyGn Cl Q+Fd Ss	5392040	380815
65	628933	Br wth Q Ss	5392030	380795
LINE1				
510W	628934	Lm Br Mst	5392380	381135
CREEK 7				
0 (Que River)				
125	628935	GyGn Q+Fd LhSs	5393630	382235
202	628936	Gy.Br Laminated mudstone	5393710	382220

S. Richardson

ROCKCHIP SAMPLING AT CREEKS NTH OF QUE "BEND" BULGOBAC
15-1-98

<u>POSITION</u>	<u>No.</u>	<u>DESCRIPTION</u>	<u>N</u>	<u>E</u>
CREEK 1				
0 (Que River)				
14	628892	Grey mudstone	5392740	381580
52	628893	Grey Siltstone	5392780	381570
67-87	628894	Gy.Bn. laminated siltstone	5392800	381560
94-102	n/s	Grey siltstone		
115	n/s	Grey siltstone		
133	628895	Gy. siliceous siltstone	5392850	381540
285	end	new origin		
-70	628896	Float qtz fd sandstone	5392935	381490
-94	628897	Float qtz fd sandstone	5392920	381510
-122	n/s	Gy. Laminated mudstone		
CREEK 2				
No Outcrop				
CREEK 3				
0 (Que River)				
50	n/s	Gy siltstone		
75	628898	GyGn Vlc sandstone	5392660	381502
85-100	628899	Gy mudstone + vlc sst.	5392670	381490
115-130	628900	Gy mudstone	5392685	381460
140	628901	Gy weathered lv? sh matrix?	5392695	381445
155	n/s	Gy-pk sandstone		
167	628902	Gy fg lithic sandstone	5392700	381415
175	628903	Pk siliceous mas vlc sst	5392705	381410
180-200	628904	pk-gn mas sil vlc sst	5392710	381390

assay for Cu, Pb, Zn, Ag, Au, Ba, As.

S. Richardson

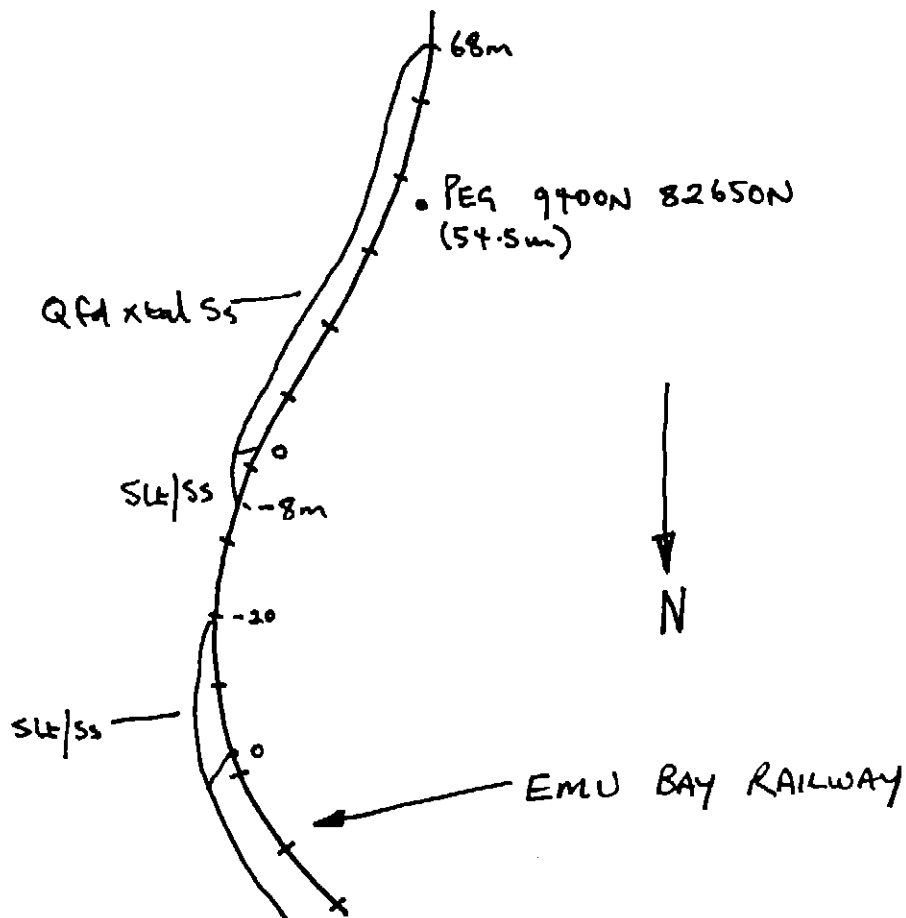
**ROCK CHIP SAMPLING CARRIED OUT AT BULGOBAC AT NORTHERN
EL BOUNDARY 8-1-98**

SAMPLE	FROM	TO	ROCK TYPE
628883	0	10	Q-Fd xtal Ss
628884	10	20	Q-Fd xtal Ss
628885	20	30	Q-Fd xtal Ss
628886	30	40	Q-Fd xtal Ss
628887	40	50	Q-Fd xtal Ss
628888	50	60	Q-Fd xtal Ss
628889	60	68	Q-Fd xtal Ss
628890	0	-8	Slt - Ss

Origin was chosen as P. Buxtons lithological boundary at top of his crystal rich sandstone unit. Sampling carried out down stratigraphy until outcrop stopped.

628891 Taken from origin shown below south for 20m. Using above origin from -56 to -36m. Rock type is siltstone - fine sandstone unit overlying Q-Fd xtal Ss.

RGC peg 9400N, 82650E is at 54.5m. (EL boundary)



APPENDIX IV

GEOLOGICAL MAPPING
ABBREVIATIONS

Abundant	abn	Epidote	Ep	Patchy	pat
Adularia	Adl	Euhedral	euh	Pebble	peb
Agglomerate	agg	Eutaxitic	eux	Pebbly	ppy
Albite	Ab	Fabric	fab	Peperitic	pep
Alkali feldspar	Afd	Fault	F	Perlitic	prl
Altered	ald	Fault zone	FZ	Pervasive	per
Alteration	alt	Feldspar	Fd	Phenocrysts	phn
Amphibolitic	amb	Feldspathoid	Fdd	Phyllite	phyt
Amphibole	Amb	Feldspar phyrlic	fp	Phyric	p
Amygdaloidal	amg	Felspathic	fel	Picrite	Pic
Andalusite	An	Ferruginous	fer	Pillow lava	pl
Andesite	A	Fibrous	fb	Pink	pk
Angular	ang	Fine	f	Polymict	Y
Ankerite	An	Fine grained	fg	Poorly sorted	ps
Apatite	Apt	Fissile	fis	Porphyry	Por
Aplite	Apl	Flowbanded	fbn	Porphyritic	por
Approximate	apx	Fluorite	Fl	Predominantly	pred
Arcuate	ar	Foliated	fo	Probable	prob
Arenaceous	arn	Fragments	fr	Pumice	Pu
Argillaceous	arg	Fuchsite	Fu	Pumiceous	pu
Argillite	Arg	Gabbro	Gb	Purple	pp
Arkose	Ak	Galena	Gn	Pyrite	Py
Arkosic	ak	Glass	Gl	Pyritic	py
Arsenopyrite	Ap	Glassy	gl	Pyrolusite	Pr
Ash vcl	av	Gossan	Gos	Pyroxena	Px
Autobrecciated	aub	Granite	Gr	Pyrrhotite	Po
Average	ave	Granodiorite	Gd	Quartz	Q
Banded	bnd	Granular	gr	Quartzite	Qtz
Barite	Ba	Graphite	Gt	Quellite	Qll
Basalt	B	Graphitic	gt	Questionable	?
Bearing	brg	Gravel	gr	Recrystallised	rx
Bedded	bed	Green	gn	Red	rd
Biotite	Bio	Grey	gy	Rehealed	rhd
Black	bk	Greywacke	Gw	Reworked	rw
Black shale	Bsh	Groundmass	gm	Rhyodacite	RD
Blue	bl	Haematite	Hm	Rhyolite	R
Boulder	blt	Hornblende	Hb	Ripple marks	rnk
Breccia	b	Hyaloclastite	hyb	Round	md
Brecciated	bx	Ignimbrite	lg	Rubble	rbt
Breccia vcl	bv	Illite	ill	Sandstone	Ss
Bright	brt	Interbedded	ibd	Schist	Sch
Brown	br	Intercalated	icl	Schistose	sch
Calcareous	cc	Intrusive	I	Sediment	sed
Calcite	Cc	Joint	J	Sericite	Se
Carbonaceous	carb	Jurassic	Ju	Serpentine	Srp
Carbonate	Co	K-Feldspar	Kf	Shale	Sh
Cassiterite	Cass	Khaki	kh	Sheared	shd
Cavernous	cav	Laminated	lm	Sheeted	shf
Cemented	csn	Lapilli vcl	lv	Siderite	Sld
Chalcopyrite	Cp	Lava	l	Silica	Si
Chert	Ch	Lava breccia	lb	Siliceous	sil
Chlorite	Cl	Leached	lch	Siltstone	Slt
Chromite	Cr	Leucite	Lct	Slickenside	sik
Chromiferous	cr	Leucitite	Ltt	Sphalerite	Sp
Clast	cst	Limonitic	Lim	Spotted	spt
Clast-supported	CS	Light	lgt	Spotty	spy
Clay	cy	Limestone	Lst	Stockwork	stw
Cleavage	cvg	Lithic	lh	Stratabound	stb
Coarse	c	Magnetite	Mt	Strong	str
Coarse grained	cg	Manganese	Mn	Structure controlled	etc
Colloform	coll	Marl	Ml	Syngenic	syn
Colour	col	Massive	mas	Talc	Tc
Common	com	Matrix	mtx	Tertiary	T
Conglomerate	Cg	Matrix-supported	XS	Tourmaline	Tm
Conglomeratic	cg	Matrix dominated	md	Trace	tr
Crimson	cm	Medium	med	Trachyte	Tr
Crystal	x	Medium grained	mg	Tuff	Tf
Crystal rich	xr	Metamorphosed	meta	Tuffaceous	tf
Crystal vcl	xv	Mica	Mic	Variable	var
Dacite	D	Micaceous	mic	Variolitic	vr
Dark	dk	Mineralised	min	vein	vn
Dense	dns	Minor	mnr	Very	v
Devitrification	dv	Mixed	mxd	Vesicular	ves
Diorite	Di	Moderately sorted	ms	Vitric	vt
Disseminated	Dis	Mottled	mtl	Volcanic	vlc
Dolerite	Dol	Mudstone	Met	Volcaniclastic	Vc
Dolomite	Dm	Nodule	nd	Volcaniclastic Ss	Vs
Dyke	dy	Off white	ow	Volcaniclastic Cg	VCg
Elongated	el	Olivine	OI	Weak	wk
Emphasised	emp	Oolitic	oo	Weathered	wth
Epclastic (noun)	E	Orange	or	Well sorted	ws
		Ordovician	O	White	wh
		Oxidised	ox	Yellow	yw
		Pale	pl		

FACT GEOLOGICAL MAPPING LEGEND MAC 79, IIO PLAN SERIES

(NOTE: COMPLETE LIST OF ABBREVIATIONS IS STORED ON HP-1000 FILE ABBRV:HL:14)

LITHOLOGY COMPOSITION

R	Rhyolite
D	Dacite
A	Andesite
B	Basalt
Y	Polymict
Ss	Sandstone
Sh	Shale
Slt	Siltstone
Ba	Borite
Py	Pyrite
BMS	Base Metal Sulphide
Ch	Chert
TB	Tertiary Basalt
JD	Jurassic Dolerite
OCg	Ordovician Conglomerate

LITHOLOGY TEXTURE / FORM

l	lava
lb	lava breccia
pl	pillow lava
av	ash volcanoclastic
flv	fine lapilli volcanoclastic
miv	medium " "
civ	coarse " "
bv	breccia " "
zv	crystal " "
vas	vesicular
por	porphyritic
suz	subvolcanic
fbn	flowbanded
gnr	granular
lbd	interbedded
md	matrix dominant

VOLCANICLASTIC SIZE RANGE

> 2mm	ash
2-8	fine lapilli
8-32	medium lapilli
32-64	coarse lapilli
> 64	breccia

ALTERATION COMPOSITION

Co	Carbonate
Cl	Chlorite
Kf	K-feldspar
Fu	Fuchsite
Py	Pyrite
Se	Sericite
Sl	Sillite

ALTERATION TEXTURE / FORM

per	perovskite
dis	disseminated
pat	patchy
spi	spotty
efr	selected fragments
slw	stockwork
str	structure controlled
vn	vein
mta	matrix

ALTERATION INTENSITY WEATHERING INTENSITY

1	trace
2	weak
3	moderate
4	strong
5	extreme

COLOUR

br	brown
bk	black
gy	gray
gn	green
or	orange
pk	pink
wh	white
yw	yellow
bl	blue

FAULT TERMS

cav	convergent
lch	leached
slk	slitlike
rhd	rehealed
rbb	rubble
shd	sheared

GENERAL TERMS

tr	trace
lgt	light
dk	dark
brt	bright
ox	oxidised
fg	fine grained
mg	medium grained
cg	coarse grained

ABBREVIATED DESCRIPTION FORMAT

LITHOLOGY:

colour / composition / term / texture / intensity / composition / intensity / form / texture
 example gy - gn, YA, flv / Ox 3 / Fu, 3, dis
 Interpretive comment can be added in brackets ()

FAULT:

WIDTH (oms) / MINERALOGY, TEXTURE
 example F 20 / Cl, cav.

VEIN:

WIDTH (oms) / MINERALOGY, TEXTURE
 example V 5 / Q, Py, cav.

INTERPRETIVE GEOLOGICAL MAPPING LEGEND MAC89, III PLAN SERIES

VOLCANICS

R, I R, lb	25	Rhyolite lava, lava breccia
R, av R, lv R, lv R, sv	25	Rhyolite volcanoclastic
YR, av YR, lv YR, lv	25	Rhyolitic Polymict volcanoclastic
D, I D, lb	25	Dacite lava, lava breccia
D, av D, lv D, lv D, sv	25	Dacite volcanoclastic
YD, av YD, lv YD, lv	25	Dacitic Polymict volcanoclastic
A, fp, I A, fp, lb	25	Andesite feldsparphyric lava, lava breccia
A, I A, lb	25	Andesite lava, lava breccia
A, av A, lv A, lv A, sv	25	Andesite volcanoclastic
YA, av YA, lv YA, lv	25	Andesitic Polymict volcanoclastic
B, I B, lv	25	Basalt lava, lava breccia
B, pl	25	Basalt pillow lava
B, av B, lv B, lv B, sv	25	Basalt volcanoclastic
YB, av YB, lv YB, lv	25	Basaltic Polymict volcanoclastic
Y, av Y, lv Y, lv	25	Polymict rock
av	25	Ash volcanoclastic (composition not determined)

PARTIAL STRATIGRAPHIC COLUMN

TB	0	tertiary basalt
JD	32	Jurassic Dolerite
OCg	20	Ordovician Siliciclastics
URS	25	Upper Rhyolitic Sequence
QRS	25	Que River Shale
MGW	71	Mt. Charter Micaceous Greywacke
HBS	25	Hellyer Basalt Sequence
HVB	25	Hangingwall Volcaniclastic Sequence
SWB	25	Switchback Volcaniclastic Sequence
HMS	21	Hellyer Mineralised Sequence
FPS	25	Andesite Feldspar Phyric Sequence

SEDIMENTS

Ss	71	Sandstone, micaceous greywacke
Sh	25	Shale, black (carbonaceous, pyritic)
Slt	25	Siltstone, tuffaceous siltstone

SULPHIDES, SULPHATES

BMS	21	Base Metal Sulphide rock
MPy	25	Massive pyrite rock
GS P	23	Glaucous silica, colloform pyrite rock
Ba	22	Borite

POST CAMBRIAN ROCKS

TB	0	Tertiary Basalt
JD	32	Jurassic Dolerite
OCg	20	Ordovician Siliciclastics

ALTERATION ROCK TYPES

HA	2	Highly altered rock
QII	18	Quartzite
Q-lv Q-sv	17	Quartzite fragmental

ALTERATION SYMBOLS Overprint on "HA" symbol (Combinations can be used)

Co	Carbonate	Il	Illite
Ch	Chlorite	K	Feldspar
Fu	Fuchsite	P	Pyrite
Se	Sericite	Sl	Sillite

SYMBOLS MAC79, IIO AND MAC89, III SERIES

(SYMBOLS AS SHOWN IN ABEX "STANDARDS FOR GEOLOGICAL DRAWINGS", JAN. 1983)

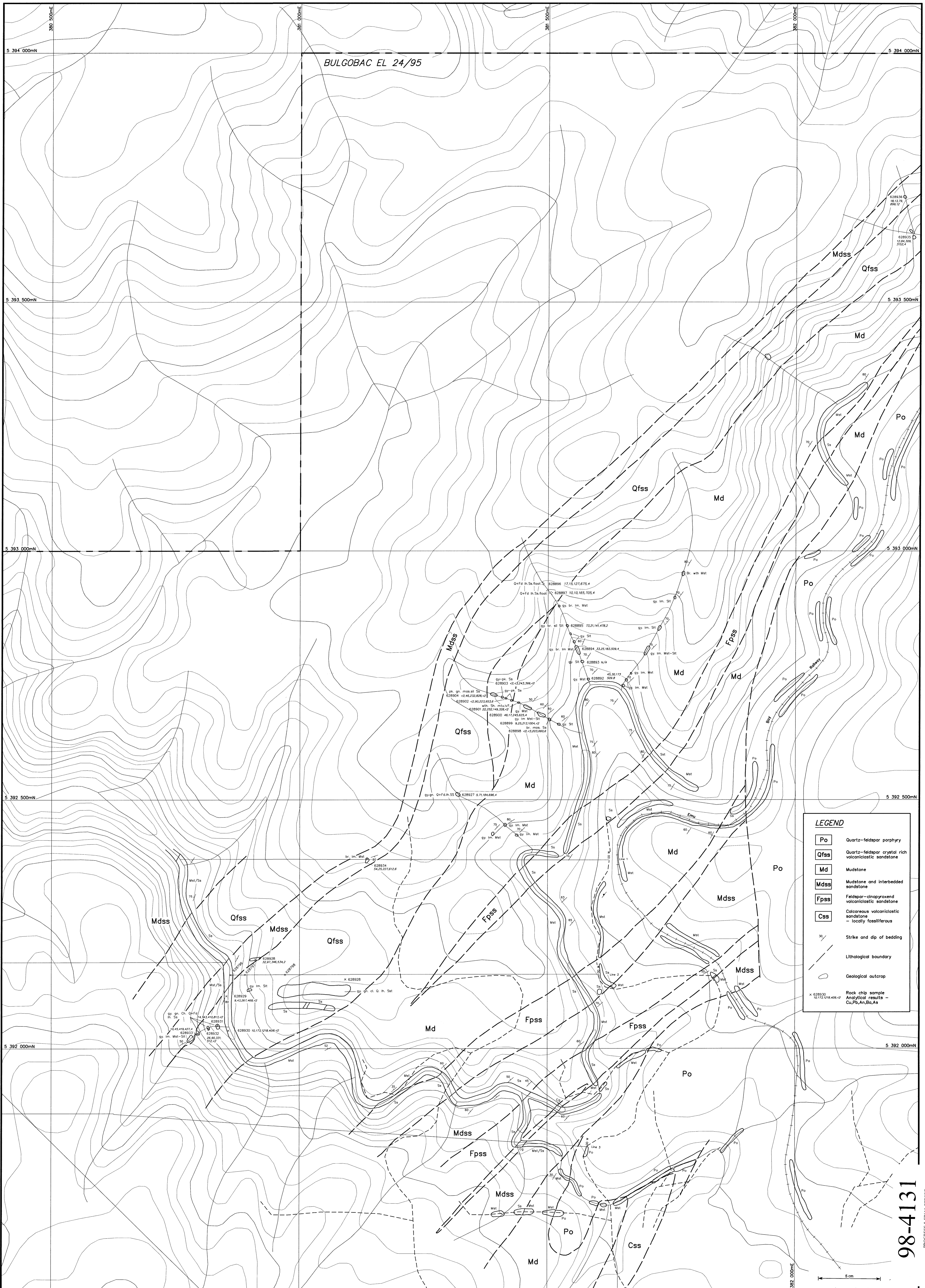
LINE THICKNESS / LEROY LETTER SIZE (LENGTH AS SHOWN)	SYMBOL	DESCRIPTION
-35	—	Outcrop boundary
-35	—	Floor
-35	—	Contact known
-50	—	Contact interpreted
-35	—	Contact inferred
-35	—	Facies change
-35	—	Unconformity
-25	—	Anticline, syncline with plunge and trend
-25/50	—	Minor fold with plunge and trend
-25/50	—	Bedding, strike, dip
-25/50	—	Foliation, strike, dip
-25/50	—	Joint, strike, dip
-5/50, 100	—	Fault, definite, strike, dip, mineralogy
-5/100	—	Fault, inferred
-50	—	Shear zone
-35/50	—	DDH collar and trace, top 20m geology shown
-25	—	Grid line, stadia surveyed
-25	—	Grid line, tape and compass survey
-25	—	Grid line, nominal position
/60	P 355012	Petrology sample location
-35	—	Track, unurveyed
-35	—	Road (unsealed) or track, surveyed
-7	—	Major road
-35	—	Coastline
-25	—	Creek
-35	—	Mining Lease boundary
-5	—	Exploration Licence boundary
/60	• 15	Peg with number, tape and compass surveyed
/60	• MT17	Peg with number, stadia surveyed
-25	—	Alteration boundary

240051

Aberfoyle Exploration Pty Ltd

REVISIONS				NORTH WEST TASMANIA		Compiled: AMH
Int	Date	Int	Date	MACKINTOSH E.L.2/70, HATFIELD E.L.15/73		Drawn: AMH
OLC	12-85			SURFACE GEOLOGICAL MAPPING LEGEND		Traced: OLC
OLC	1-86					Checked: AMH
Location Code: K55/6/44				Scale: _____	Date: November, 1985	Plate No: MAC 114

BULGOBAC EL 24/95



LEGEND

- Po** Quartz-feldspar porphyry
- Qfss** Quartz-feldspar crystal rich volcanioclastic sandstone
- Md** Mudstone
- Mdss** Mudstone and interbedded sandstone
- Fpss** Feldspar-clinopyroxene volcanioclastic sandstone
- Css** Calcareous volcanioclastic sandstone - locally fossiliferous
- Strike and dip of bedding
- - - Lithological boundary
- Geological outcrop
- x 628930 16173.076,408.4 Rock chip sample Analytical results - Cu,Pb,An,Bo,As

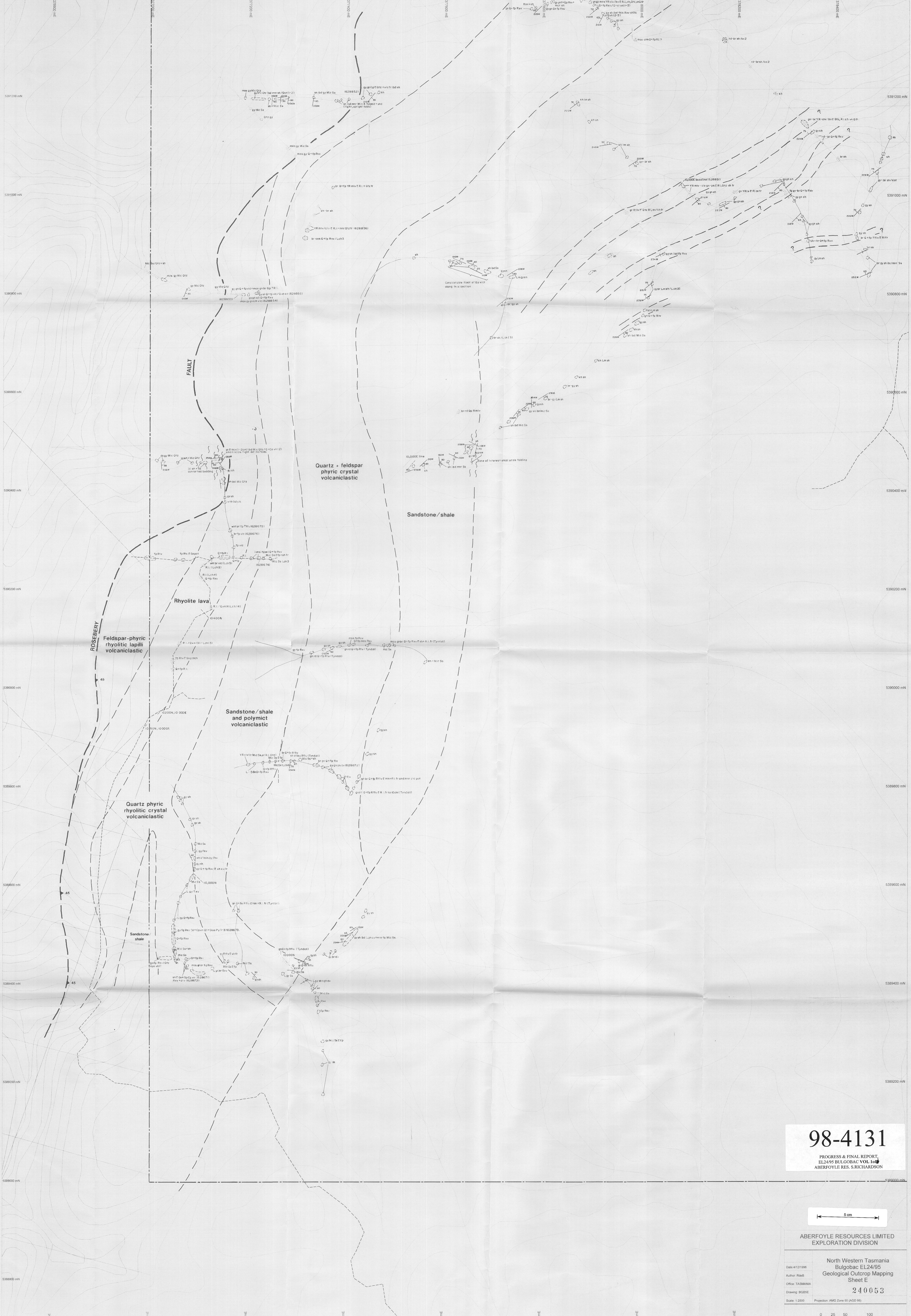
Aberfoyle Resources Limited
EXPLORATION DIVISION

NORTH WESTERN TASMANIA
BULGOBAC EL 24/95
GEOLOGICAL OUTCROP MAPPING
SHEET C

Compiled: S.R.
Date: 20.02.98
Traced: C.M.B.
Checked: S.M.
Scale: 1:2500
Plate No.: B035C

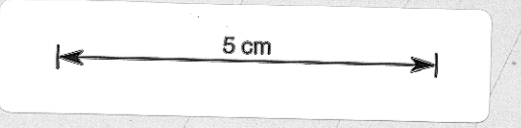
98-4131

PROCESSED BY: S.R. BROWN
EL24-95 BULGOBAC VOL 100
ABERFOYLE RES. S. RICHARDSON



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PROGRESS & FINAL REPORT,
EL24/95 BULGOBAC VOL 1of4
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EXPLORATION DIVISION

North Western Tasmania
Bulgozac EL24/95
Geological Outcrop Mapping
Sheet E
Drawing: BQBDE
Scale: 1:2500 Projection: AMG Zone 55 (AGD 94)

