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1. Rock Chip Sample Locations and Assays

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1. EL 14/91 Mount Tor Locality Plan

1.0 SUMMARY

Results from interpretation of a close spaced aeromagnetic survey have downgraded the perceived potential of the southern half of the licence. Consequently 38 sq km in the south were relinquished in October, 1995.

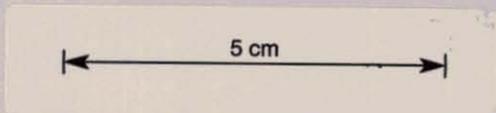
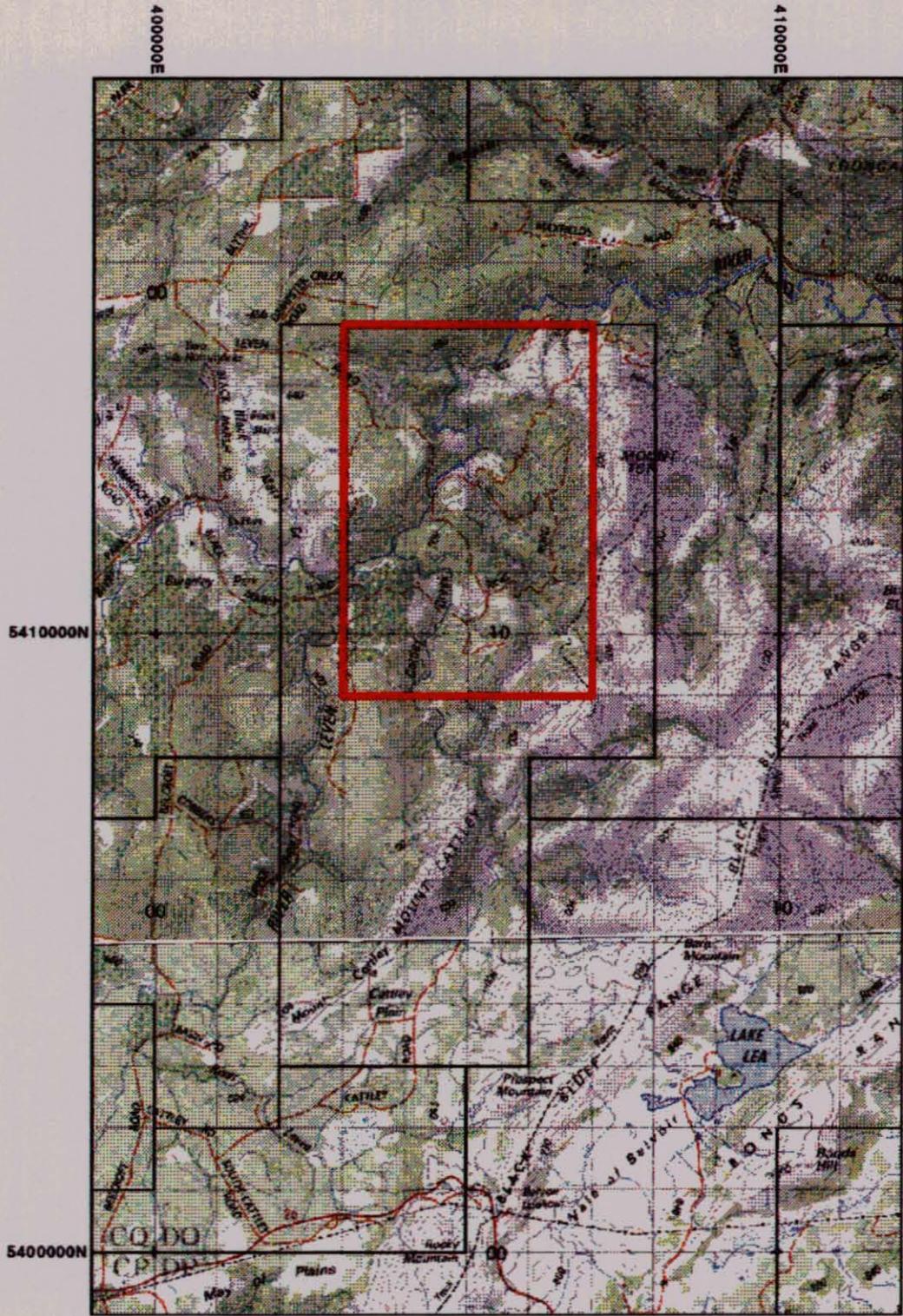
Interest remains in the Cattley North area where mapping and geochemical sampling is planned for this summer. It is hoped that this work will lead to a proposal for a diamond drill hole.

2.0 INTRODUCTION

Exploration Licence 14/91, Mt Tor, covering 62 sq km is located 15 km northeast of Hellyer mine, Figure 1. The licence was granted to Aberfoyle Resources Ltd. on 18th October, 1991.

The area is considered prospective for Volcanic Hosted Massive Sulphide (VHMS) mineralisation in outcropping felsic volcanoclastic sequences of the Southwell Subgroup and in possible Que-Hellyer Volcanic correlates that may underlie these rocks.

This report describes work on the Mt Tor licence for the period October, 1994 to October, 1995.



ABERFOYLE RESOURCES LIMITED
EXPLORATION DIVISION

REVISIONS			
Instr.	Date	Instr.	Date
Map Projection: TM AMG55			
Geodetic Datum: AGD66			
Location Code:			

TASMANIA
Western Tasmania
EL14/91 Mount Tor
Locality Map
Algorithm: TOR2

Scale: 1:100000 Date: December 1995

Compiled: RHL
Printed: IX-730
Traced:
Checked: RHL
Plate No. TOR2

3.0 RESEARCH

An honours project on volcanology and stratigraphy in the Mount Tor area was completed during the reporting period. The project was undertaken by G. Van Kerkvoort under the supervision of Dr J. McPhie of the University of Tasmania.

A key result from this work was the interpretation that in the southern part of the EL, the Cattley Fault (a potential continuation of the Henty Fault Zone) lies about one kilometre east of the position shown on Mount Read Volcanic Project maps. This is based on the interpretation that rocks outcropping in the Leven River, at the Upper River Road bridge, are Black Harry Beds, rather than Southwell Subgroup. The Cattley Fault is interpreted as the focus of quartz feldspar porphyry intrusives? that occur along its length throughout the licence.

4.0 WORK COMPLETED

4.1 Geochemistry

Ten rock chip samples from outcrop and existing drill core were collected during the reporting period. Sampling was by G. Van Kerkvoort and Aberfoyle geologists. Sample locations and assay results are recorded in Appendix 1. The only significant result is from an altered siltstone containing nodular pyrite near the Leven River bridge which assayed 0.2 ppm Au and 488 ppm Pb. Mineralisation may be related to an adjacent intrusive rhyolite porphyry.

5.0 FUTURE PROGRAMME

In the coming year exploration will focus on the Cattley North area.

Mapping will be undertaken to delineate the extent of the carbonate alteration zone, whilst geochemical and petrological samples will be taken to better define the nature of the alteration. This work will determine its potential as a hangingwall alteration zone above a VHMS system.

Recent advances in the use of Transported Metal Ion (TMI) geochemistry, to detect deeply buried mineralisation, will be used at the Cattley North prospect.

A TMI soil geochemical survey in conjunction with a conventional soil geochemical survey will be undertaken over the carbonate alteration zone to determine if a dispersion halo is associated with deep mineralisation.

733010

APPENDIX 1

(Rock Chip Sample Results)



Analabs

733012

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ANALYTICAL REPORT No.

100560.60.10914

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

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18/05/95

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3

SAMPLE NUMBERS

SAMPLE DESCRIPTION

ELEMENT/METHOD

626411/413

RC Prep : 6P033 CHROME FREE BOWL

Cu,Pb,Zn,Ag/GA101

Au,Au(R)/G6309

Ba,As/GX401

RESULTS
TO

Mr R de Bonford
Aberfoyle Resources Limited
Exploration Division
P.O. Box 952
BURNIE TAS 7320

RESULTS
TO

RESULTS
TO

REMARKS

MT TOR Rock CHIPS

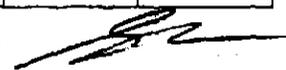

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ANALYTICAL DATA

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METHOD	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Au (R)	Ba	As
		GA101	GA101	GA101	GA101	GG309	GG309	GX401	GX401
1	626411	22	9	20	<2	<0.008	-	1762	3
2	626412	8	6	70	<2	<0.008	-	220	3
3	626413	18	65	69	<2	<0.008	<0.008	299	<2
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24	DETECTION	4	5	4	2	0.008	0.008	10	2
25	UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm

 Results in ppm unless otherwise specified
 - element not determined

 IS = insufficient sample
 SNR = sample not received

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733014



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ANALYTICAL REPORT No. 100560.60.10677

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SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
622751/761	RC Prep : 6P033 CHROME FREE BOWL	Cu,Pb,Zn,Ag/6A101 Au/6B309 Ba,As,Cr,Zr,Ti/6X401 Ti/0X408 Whole Rock/0X408

RESULTS TO	Mr R de Bonford Aberfoyle Resources Limited Exploration Division P.O. Box 952 BURNIE TAS 7320	REMARKS
RESULTS TO		
RESULTS TO		

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SAMPLE PREFIX

REPORT No.

REPORT DATE

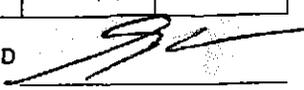
CLIENT ORDER No.

PAGE

		100560.60.10677				21/02/95		7460		1 OF 3	
METHOD	SAMPLE No.	Cu	Pb	Zn	Ag	Au	Ba	As	Cr	Zr	
		GA101	GA101	GA101	GA101	GG309	GX401	GX401	GX401	GX401	
1											
2	622752	102	537	124	1	-	370	91	<5	268	
3	622753	67	3164	1256	1	-	290	188	22	186	
4	622754	18	387	93	<1	-	240	<2	<5	92	
5	622755	53	488	122	2	0.201	260	1595	32	-	
6	622756	70	182	112	<1	<0.008	430	474	18	-	
7											
8	622758	17	12	151	<1	<0.008	2730	6	146	-	
9											
10											
11	622761	127	1032	1387	<1	-	285	23	101	103	
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24	DETECTION	4	5	4	1	0.008	10	2	5	5	
25	UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	

Results in ppm unless otherwise specified
 -- element not determined

IS = insufficient sample
 SNR = sample not received

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ANALYTICAL DATA

SAMPLE PREFIX		REPORT No.				REPORT DATE		CLIENT ORDER No.		PAGE	
		100560.60.10677				21/02/95		7460		2 OF 3	
METHOD	SAMPLE No.	Ti	Ti	Al2O3	SiO2	TiO2	Fe2O3	MnO	CaO	K2O	
		GX401	OX408	OX408	OX408	OX408	OX408	OX408	OX408	OX408	
1											
2	622752	1837	-	14.00	66.30	0.33	6.00	0.11	0.34	3.89	
3	622753	1867	-	11.00	50.40	0.40	12.79	0.57	6.58	3.11	
4	622754	543	-	5.56	66.90	0.11	6.37	0.47	5.87	2.21	
5	622755	-	2179	8.52	70.60	0.36	9.80	0.01	0.02	2.86	
6	622756	-	2367	16.00	59.50	0.39	10.52	0.03	0.04	3.45	
7											
8	622758	-	1978	5.40	49.20	0.33	9.27	0.66	10.85	1.62	
9											
10											
11	622761	3562	-	11.60	57.30	0.73	9.15	0.35	4.00	3.44	
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24	DETECTION	50	50	0.05	0.05	0.01	0.01	0.01	0.01	0.01	
25	UNITS	ppm	ppm	%	%	%	%	%	%	%	

Results in ppm unless otherwise specified
 - = element not determined

IS = insufficient sample
 SNR = sample not received

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ANALYTICAL DATA

SAMPLE PREFIX

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REPORT DATE

CLIENT ORDER No.

PAGE

SAMPLE PREFIX		REPORT No.				REPORT DATE	CLIENT ORDER No.		PAGE	
		100560.60.10677				21/02/95	7460		3 OF 3	
	SAMPLE No.	MgO	P2O5	S	Na2O	LOI				
METHOD		OX408	OX408	OX408	OX408	OM615				
1										
2	622752	0.73	0.062	0.767	0.12	5.98				
3	622753	2.46	0.095	0.144	0.17	11.77				
4	622754	2.37	0.018	0.040	0.44	9.12				
5	622755	0.59	0.026	1.977	0.07	5.13				
6	622756	1.27	0.088	0.236	0.70	6.95				
7										
8	622758	4.81	0.059	0.184	0.18	17.08				
9										
10										
11	622761	2.07	0.145	0.144	0.15	10.11				
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24	DETECTION	0.01	0.005	0.005	0.05	0.01				
25	UNITS	%	%	%	%	%				

Results in ppm unless otherwise specified
 - = element not determined

IS = Insufficient sample
 SNR = sample not received

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