



# ANALABS

A division of MacDonald Hamilton & Co. Pty. Ltd.

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**ANALYTICAL REPORT No.** 23.3.08.07055

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

Aberfoyle Resources Limited  
Exploration Division  
P.O. Box 952  
Burnie Tasmania 7320

ORDER No.	PROJECT
9819	Mackintosh

DATE RECEIVED	RESULTS REQUIRED
26/04/90	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
2	04/07/90	1	14

STATE OF SAMPLES	REFER BELOW	SAMPLE NUMBERS	PRE-TREATMENT						ANALYSIS				
			DRY	CRUSH	SPLIT	PULVERISE	SIEVE	OTHER SEE REMARKS	NONE	REFER TO ANALYSIS SECTION	PREPARATION	METHOD	
	Various		SC								Cu, Pb, Zn, Ag/101		
	Various		SC								Au, AuChk/309		
	<562,243/245,249,451/459		SC								K2O, MgO, CaO, Na2O/104		
	Various		SC								Ba, As/401		
	<562,243/245,249,451/459		SC								S/613, Cr, Zr, Ti/401		

**RESULTS TO RESULTS TO**

R. de Bonford  
Aberfoyle Resources Limited  
Exploration Division  
P.O. Box 952  
Burnie Tasmania 7320

REMARKS

MAC-25  
PET.

STATE OF SAMPLES	ANALYSIS — PREPARATION			ANALYSIS — METHOD			
whole core	WC	perchloric acid	A1	cold acid	CA	atomic absorption	AAS
split core	SC	hydrochloric acid	A2	specific sulphide	SS	x-ray fluorescence	XRF
cutting	CU	nitric acid	A3	other mixed acids	Ma	spectrophotometry	SPEC
rock	Ro	aqua regia	A4	alkaline attack	AA	colorimetry	COL
soil	SO	nitric-perchloric	A5	volatilization	VO	chromatography	CHR
pulp	PU	HF mixture	A6	ignition	IG	titration	TTN
water	WA	HF under pressure	A7	pressed powder (XRF)	PP	other chemicals means	CHEM
tissue	TI	fusion	A8	glass fusion (XRF)	GF	miscellaneous	MISC
stream sediment	SS					fluorescence	FLUOR
heavy mineral	HM					inductively coupled plasma	ICP

AUTHORISED OFFICER Jenkins

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A Division of Inchcape Inspection and Testing Services Australia Pty. Ltd.

## ANALYTICAL DATA

SAMPLE PREFIX

REPORT NUMBER

REPORT DATE

CLIENT ORDER No.

PAGE

TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Au	AuChk	Ba	Ra	As	
		23.3.08.07055				04/07/90		9819		1 OF 2	
1	431312	90	45	250	<0.5	0.009	<0.008	>2500	0.38	30	
2	562243	90	30	365	<0.5	<0.008	—	824	—	<2	
3	562244	20	5	80	<0.5	<0.008	—	139	—	<2	
4	562245	50	190	1000	<0.5	<0.008	—	1305	—	25	
5	562249	20	<5	50	<0.5	<0.008	—	1540	—	<2	
6	562451	40	10	190	<0.5	<0.008	—	807	—	3	
7	562452	45	5	310	<0.5	<0.008	—	1122	—	<2	
8	562453	15	5	100	<0.5	<0.008	—	334	—	10	
9	562454	25	<5	50	<0.5	<0.008	—	1970	—	8	
10	562455	25	40	275	<0.5	<0.008	—	1253	—	40	
11	562456	20	<5	20	<0.5	<0.008	—	1239	—	<2	
12	562457	35	<5	60	<0.5	<0.008	—	145	—	<2	
13	562458	15	<5	40	<0.5	<0.008	—	126	—	<2	
14	562459	10	<5	55	<0.5	<0.008	—	211	—	<2	
15											
16											
17											
18											
19											
20											
21											
22											
23	DETECTION	5	5	5	0.5	0.008	0.008	10	0.01	2	
24	UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	
25	METHOD	101	101	101	101	309	309	401	403	401	

Results in ppm unless otherwise specified  
 T = element present; but concentration too low to measure  
 X = element concentration is below detection limit  
 — = element not determined

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TUBE No.	SAMPLE No.	K2O	MgO	CaO	Na2O					
		23.3.08.07055				21/05/90	9819		1 OF 1	
1	431312	--	--	--	--					
2	562243	1.69	4.79	16.92	2.28					
3	562244	2.05	2.20	13.82	1.44					
4	562245	2.07	8.24	4.60	1.02					
5	562249	4.92	1.19	2.08	1.40					
6	562451	1.17	4.67	13.20	3.46					
7	562452	1.77	6.48	9.60	3.60					
8	562453	1.11	2.88	0.84	3.76					
9	562454	3.90	1.31	1.68	2.90					
10	562455	2.59	1.81	2.03	3.80					
11	562456	5.18	0.36	2.20	5.08					
12	562457	1.00	6.76	7.01	1.59					
13	562458	1.73	1.79	12.42	0.88					
14	562459	1.59	4.44	6.87	2.75					
15										
16										
17										
18										
19										
20										
21										
22										
23	DETECTION	0.01	0.01	0.01	0.01					
24	UNITS	%	%	%	%					
25	METHOD	104	104	104	104					

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TUBE No.	SAMPLE No.	Cr	Zr	Ti	S						
		23.3.08.07055				04/07/90	9819		2 OF 2		
						11/2v					
1	431312	---	---	---	---						
2	562243	181	100	1715	0.025	11.15	✓				
3	562244	175	85	1748	0.190	20.56	✓				
4	562245	1050	70	2264	0.230	32.38	✓				
5	562249	31	200	884	0.055	4.42	✓				
6	562451	360	110	2550	0.010	23.18	✓				
7	562452	348	120	2817	0.025	23.87	✓				
8	562453	89	220	2549	0.240	11.59	✓				
9	562454	22	190	2004	0.200	10.54	✓				
10	562455	24	180	2045	1.100	11.36	✓				
11	562456	19	190	1953	0.040	10.27	✓				
12	562457	385	100	2476	0.055	24.76	SEDIMENTS				
13	562458	59	140	925	0.080	6.61	SEDIMENTS				
14	562459	79	140	2640	0.035	18.85	✓				
15											
16											
17											
18											
19											
20											
21											
22											
23	DETECTION	5	5	50	0.005						
24	UNITS	ppm	ppm	ppm	%						
25	METHOD	401	401	401	613						

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Jenkins