PROJECT : Que River M.L's

PROSPECT: Kimber Trench

ABERFOYLE EXPLORATION

DIAMOND DRILL LOG

HOLE NO: QR 081

PAGE: 1 of 10

LOGGED: DBW

DATE: MAY 1986

DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
5				No Core								
10												
15												15.0
		0.7	fp DI	Orange to cream strongly weathered porphyritic Daite lava. Well jointed & limonite coatings. Common irregular vughs, probably leached carbonate veins.	Carbonate pseudomorphs feldspars & is pervasively distrib'd thro rock. Int. 2.				Ox 4		PET 383103. 15.9m. Amygdaloidal Andesite Pb: 1350 Cr: 55 Zr/Ti: .097 } 383068	
17.2		0.1										
17.8		0.15										
18.1		0.35										
19.0		0.4										
19.7		0.1										
20			20.1									20.1

PROJECT : Que River M.L's

PROSPECT: Kimber Trench

ABERFOYLE EXPLORATION

DIAMOND DRILL LOG

HOLE NO: QR 081

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LOGGED: DBW

DATE:

DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
		2.3	A.lv	Dark green grey monomict Andesitic volcaniclastic. Fragments are angular and range from 1-8mm. Outlines variably obscured	Fragments are generally chloritic Inten. 2			Foliation 70° to core axis.				
22.7		0.75										
25.0											25.0	
25.7		0.55	YA. lv	Green to cream porhyritic Andesitic volcaniclastic with 2 clast populations. Coarse 1-10 mm angular blocky to angular elongate & feldspar pseudomorphs. Medium fraction 1-5mm dk green to green, grey, cream lithology as matrix to coarser fraction.							GEOCH. 383069 26.2m. Pb: 4250 Cr: 190 Zr/Ti: .078	
28.7												
30		0.35										
31.4											31.4	
31.7			fp A. lv	Green monomict feldspar phyric Andesitic volcaniclastic. Coarse fragments as above are obviously feldspar phyric but occur in a fine <1mm matrix. Clasts are angular blocky to angular elongate (Caplinberg).							PET. 383104 34.3m Andesitic Tuff. GEOCH: 383070 34.3m. Pb: 1500 Cr: 160 Zr/Ti: .100	
34.7												
35												
37.7		0.1										
40											GEOCH: 383071 39.6 Cr: 30 Zr/Ti: .100	
40.7												

PROJECT : QUE RIVER M.L's

PROSPECT: KIMBER TRENCH

ABERFOYLE EXPLORATION

DIAMOND DRILL LOG

HOLE NO: QR 081

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DATE:

DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
42	43.6										GEOCH. 383072 46.5m Cr: 160 Zr/Ti: .097	
45	46.7											
	48.0											
50	49.7										GEOCH: 383073 52.3m. Cr: 130 Zr/Ti: .103	
	52.7											
	54.4										GEOCH: 383074 55.6 m Cr: 140 Zr/Ti: .100	
55	55.7											
			57.7									
	58.7		V.lr	Green, dk green, buff poly mict volcaniclastic. 40% fp A, 20% pale bulk lithology 10-20% Biotite ± fuchsite spotting. Minor clasts to 1.5cm of massive chlorite	Moderate sericite, weak fuchsite altn.		BMS clast at 63.1m ≥ 4cm x ≥ 5cm.				GEOCH: 383075 62.3m Cr: 210 Zr/Ti .067	
60	60.3											
	61.7											

ABERFOYLE EXPLORATION

DIAMOND DRILL LOG

PROJECT : _____

PROSPECT: _____

HOLE NO: QR081

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DATE:

DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
63												
65												
70				70.7								
				Dark green to cream chlorite sericite altered monomict volcaniclastic. Fragments generally 3mm to 3.5 cm with a well developed chlorite alt'n rim around all clasts. Common cream spotting, probably sericite carbonate pseudomorphing feldspar. Well developed flow banding @ 74.4 @ 20° to core axis. Bulk cream alteration becomes more intense from 74.4 leaving kernels of green relatively unaltered rock.	70.7 – 74.4 Moderate chlorite weak sericite alt'n. 74.4 – 78.1 Moderate sericite carbonate? alt'n.						
7				78.1								
				Dark green cream polymict volcaniclastic. Fragments vary from 1mm to >10cm and vary in lithology from fp A 30% Buff Dacite 10% Green black chlorite 10%. Some individual clasts are fuchsite alt'd.	Weak sericite fuchsite alt'n.						
80												
84												

GEOCH: 383076 69.0m
Cr: 150 Zr/Ti: .088

PET: 383105 73.3m.
Andesitic Tuff.
GEOCHEM: 383077 73.3m
Cr: 80 Zr/Ti: .105

PET: 383106 74.4m.
Dacite
GEOCH: 383078 74.4m
Cr: 120 Zr/Ti: .094

PET: 383107 74.9m
Andesite
GEOCH: 383079 74.9m
Cr: 70 Zr/Ti .102

GEOCH: 383080 78.6m
Cr: 240 Zr/Ti: .068

GEOCH: 383081 82.1m.
Cr. 210 Zr/Ti: .081

ABERFOYLE EXPLORATION

DIAMOND DRILL LOG

PROJECT : ______________

PROSPECT : ______________

HOLE NO: QR081

LOGGED:

DATE:

DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
84			84.3									
85			85.0	Cream pink carbonate rock c̄ chlorite stringers possibly a carbonated fault bx.	Intense carbonate alt'n							
			88.2	Green + pink variably silica alt'd feldspar phyric Andesite. Feldspars are generally small and spotty. Silica alt'n becomes more intense down hole and is pervasive from 87.9m. Textures are fragmental in part but are probably alt'n induced	85-87.9. Moderate silica alt'n. 87.9-88.2 Strong silica alt'n.						PET: 383108 86.8m Brecciated Andesite. GEOCH: 383082 86.8m Cr:75 Zr/Ti: ·100 PET: 383109 88.8m Andesite GEOCH: 383083 88.8m Cr. 360 Zr/Ti: ·100	
			88.45 / 88.9	Cream grey polymict volcaniclastic c̄ abundant sulphide clasts from 1 BMS clast to 9cm to disseminated Py clasts to 3mm plus other dissem'd sulphide clasts. Also cream white Dacite c̄ abundant fuchsite spotting to 3mm. Fuchsite also spotted through matrix.	Strong sericite moderate fuchsite alt'n.		Common sulphides avg Py 15% Cu 3-5% Sph 5% as clasts.					
90			Highly altered volcanic.	Grey c̄ minor cream & dk green sericite. lesser carbonate chlorite alt'd rock. Intensely altered c̄ no relict primary texture	Intense sericite moderate carbonate chlorite alt'n		Py 3-5% fine dissem'd.					
			95.3	Green grey to buff pink polymict volcaniclastic. Variably sized clasts from 1mm to >4cm of various lithologies. Clasts are usually rounded to sub-angular. Coarse clasts are dominated by buff to buff pink Dacite c̄ abundant fractures are tension gashes. Strongly amygdaloidal clasts from 91.3 to 91.5 are Basalt.	Moderate sericite weak chlorite alt'n.		92.1 Pyrite/BMS clast >4cm 93.2 Mos galena rich BMS clast >3cm				GEOCH: 383083 93.3m. Pb: 1.4% Zn: 1.1% Ag: 11 Cr: 160 Zr/Ti ·093	
95				Dark green chloritic feldspar phyric Andesitic volcaniclastic. Weakly altered rock c̄ fragmental texture varying from obscure to sharp fragmental outlines. Feldspar phenocrysts are spotty to subhedral and from 1-2 mm. Bleached zones are common at the top of the section and in places resemble fragments. Fragmental textures where visible are lapilli sized 3mm to 2cm and angular								
100											GEOCH: 383085 103.2 Cr: 150 Zr/Ti: ·046	
105												

PROJECT : _____

PROSPECT: _____

ABERFOYLE EXPLORATION

DIAMOND DRILL LOG

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DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
105											GEOCH: 383086 107.8m Cr: 120 Zr/Ti: .041	
110												
115											GEOCH: 383087 115.7m Cr: 85 Zr/Ti: .042	
120											GEOCH: 383088 122.6m Cr: 280 Zr/Ti: .042	
125												
126												

ABERFOYLE EXPLORATION

DIAMOND DRILL LOG

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DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
126											GEOCH: 383089 129.6 Cr: 180 Zr/Ti: .047	
130												
135					133.6 - 139.7 Pink cream bleached zone ± feldspars still visable as pink cream pseudomorphs							
						137.7 - 151.7 Quartz carbonate veins and stringers common.					GEOCH: 383090 139.0m Cr: 340 Zr/Ti: .048	
140												
145											GEOCH: 383091 145.6m Cr: 200 Zr/Ti: .042	
147												

PROJEOT : _____

PROSPEOT: _____

ABERFOYLE EXPLORATION

DIAMOND DRILL LOG

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DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
147											GEOCH: 383092 153.9m Cr: 220 Zr/Ti .048	
150												
155												
160					Rock becomes darker & more chloritic.						GEOCH: 383093 160.8 Cr: 100 Zr/Ti .039	
165												
168												

PROJECT : _____

PROSPECT: _____

ABERFOYLE EXPLORATION

DIAMOND DRILL LOG

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DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
166											GEOCH: 383094 169.8 Cr: 95 Zr/Ti: .050	
170												
175						177.8 - 178.4 Common quartz carbonate veins + stringers obscuring texture.					GEOCH: 383095 176.6 Cr: 170 Zr/Ti: .055	
				180.1							PET: 383 111 180.1 Breccia contact Andesite/Dacite GEOCH: 383 096 180.1 Cr: 100 Zr/Ti .054	
180			Dacite 181.2	Rock is pale green grey to buff brown massive lava. Probably Dacite		Minor carbonate veining					GEOCH: 383 097 181.0 Cr: 170 Zr/Ti .057	
			181.4			Abundant Carbonate veining		Fault				
				Dark green grey - cream mottled chlorite sericite, lesser carbonate alt'd rocks. Rare fragmental textures preserved, monomict angular from 1mm to 1cm	Moderate chlorite sericite alt'n.							
			184.0									
185				Green grey polymict bedded epiclastic. Common dark green clasts from 1-3mm in a green grey f.g. matrix & lesser cream buff to pink clasts from 2mm to 1.5cm. Coarse bedding generally at 45° to core axis, esp at 187.6							PET: 383112 184.4 Breccia GEOCH: 383 098 184.4 Cr: 130 Zr/Ti: .054	
			187.6									
189				Green green monomict feldspar phyric volcaniclastic. Clasts usually 2mm to 2cm. Similar to Lp. A above							GEOCH: 383099 188.5 Cr: 130 Zr/Ti: .040	

PROJECT : _____

PROSPECT: _____

ABERFOYLE EXPLORATION

DIAMOND DRILL LOG

HOLE NO: QR 061

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LOGGED:

DATE:

DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
189			189.1 189.6	Polymict volcaniclastic as above.							GEOCH: 383100 189.5m Cr: 140 Zr/Ti: .048	
190			190.2	Monomict feldspar phyric volcaniclastic as above							GEOCH: 383101 190.1 Cr: 230 Zr/Ti: .036	
192				EOH 190.2 m.								