Aberfoyle Resources Limited
EXPLORATION DIVISION

DIAMOND DRILL LOG

HOLE No. EB2
PAGE 1 OF 8
GEO. RJI
DATE 25/5/93

REMARKS: This whole has incredibly broken core. Probably one big fault zone. Thus only obvious, large faults have been mapped.

Depth (m)	Core tray	Stratigraphy	Rock type	Colour	Fragments composition	Max size (mm)	Sorting	Shape	Matrix composition	Volume %	Lower contact gradation	Lower contact style	Alteration texture	Alteration intensity	Alteration mineralogy	Veining intensity	Veining max width (mm)	Veining mineralogy	Mineralisation texture	Mineralisation mineralogy & contents	Foliation type	Foliation core axis angle	Remarks	Sample no.
0–3.0																							NO CORE RECOVERY	
3.0–7.0	1	3.0	Q	wh							?	?											Quartz rubble	
7.0–11.0		7.0	Sh	dk gy							S	C							dis	Py 10	bd	35°	Disseminated pyrite concentrated parallel to bedding. Cross bedding ⇒ right way up	
11.0–13		11.0	vlc Ss	ow/gn	Q	2	P	R	SeSi	60			per / vn	4 / 1	SeSi / Cl	2	5	Cl	dis	Py 1	Cl	65°	Silica increases; SeSi alteration with later Cl alteration.	11
13–14.5	(13.6)										S	C	per / vn / per	4 / 1 / 2	SiSe / Cl / Ep	2	10	ClQ					Epidote clots	
14.5–15.25	2	14.5m	vlcSh/HA										per	5	SiCl	3	10	QFd					Highly siliceous - Cherty	14.5
15.25–19	(17.6)	15.25m	vlcSs	gy gn	Q	2	M	R	SiClSe	50%			per / per / per	3 / 5 / 3	ClSiSe / Si / Cl SiSe	1	2	Cl	dis	Py 1			increasing Cl; 19-23.5m very broken ground.	15.25
21–33	3, 4 (22.6), 5 (27.2)												per	4	Si SeCl	3	10	ClSiFd			Cl / Cl	30° / 25°	HQ / NQ: around 21m – 30m intense veining of siliceous material gives lapilli appearance. Occasional feldspar spots. 27-30m very broken ground. Some veins have silica filled tension gashes	21; 29
33–38	6 (31.0), 7 (36.5)												per / sfr	4 / 1	SiClSe / Fd				dis	Py 10	Cl / Cl	32° / 35°	increasing Cl; one quartz vein at 34.7m = 70mm wide	

Drilling runs (core recovery): 0, 10, 10, 10, 10, 80, 90, 90, 5, 75, 60, 20, 25, 5, 40, 60, 30, 10, 5, 70, 60, 35, 95, 75, 35, 30, 20, 100, 80, 60, 70, 90, 105, 50

Total of [illegible] recovered in [illegible] m

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DATE 27/5/93

Drilling – core recovery (cm), down the depth scale (42–80 m): 90, 80, 70, 0, 35, 35, 20, 50, 5, 50, 25, 80, 40, 45, 50, 90, 40, 25, 60, 60, 20, 100, 70, 90, 90, 50, 70, 15, 20, 55, 25, 80, 65, 5, 15, 30, 10, 16, 35, 80, 16, 10, 80, 10

Core tray no.: 7 (to 41.35), 8 (to 47.25), 9 (to 52.1), 10 (to 57.4), 11 (to 61.5), 12 (to 68.3), 13 (to 73.1), 14 (to 78.35)

Depth (m)	Rock type	Colour	Fragments composition	Max. size (mm)	Sorting	Shape	Matrix composition	Volume %	Alteration texture	Alteration intensity	Alteration mineralogy	Veining intensity	Max. width (mm)	Veining mineralogy	Mineralisation texture	Mineralogy & contents	Foliation type	Core axis angle	Remarks	Sample no.
42									br	3	SiEpSe								Epdt-Se alteration in dots. 43 – 48.5m very broken ground	
44									dis	2	Cl						Cl	38°		
45									per	3	SiSe									
49												3	5	ClCc	Ds	Py 2				
50																	Cl	25°	51.9 – T.S 624918	51.8
52.5												4	10	Cl						
54												3	5	CcSi						
55																	Cl	40°	Epidote clots.	
57												3	7	ClCcSi	vndis 57.2	Py 15				
59.5	vcSs	gy gn	Q	2	M	R	SiClSe	50%											59.4 - Caved.	59.5
60.5																	Cl	36°		
64.5												3	15	ClSiCc			Cl	35°	64.3 - dis Py X up to 3mm.	
68									per	3	ClSiSe									
70																			70.5 – 20 cm EpSi vein	
78																	Cl	35°	78.2 – 78.35 100% core recovery!	

Total of 20.5 m of core recovered in total 39.3 ... 80.3m

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EXPLORATION DIVISION

DIAMOND DRILL LOG

HOLE No. EB2

GEO. RJI
DATE 27/5/93

Depth (m)	Drilling runs / core loss	Core tray no.	Rock type	Alteration texture	Alteration intensity	Alteration mineralogy	Vein intensity	Vein max. width (mm)	Vein mineralogy	Mineralisation texture	Mineralisation mineralogy & contents	Foliation type	Foliation core axis angle	Remarks	Sample no.
80	5, 10	15	vlc Ss							vndis	Gn 5 at 80m	Cl	27°	Gn in CcSCl veins.	
82	60, 35	83.0					4	400	Cl						
84	60, 40						3	5	CcSi	vndis	Gn 5 at 83m				
86	60, 30, 40	16 (87.5)								dis	Py 5	Cl	25°	Patches of intense Cl alteration from 84-90m	
88	90														
90	105, 50, 50	17 (91.7)										Cl	35°		
92	105						4	25	SiClCeFd	vndis	Gn 10 Sp 5 at ≈92m			mineralized vn ≈ 1.5mm wide.	
94	90, 20, 20	18 (96.5)					3	15	SiClSe Cc			Cl	30°		
96	250														96
98–100	90, 30			per	3	SiSeCl				vndis	Sp 20 Gn 2 at 98.2m	Cl	30°	Mineralised Vein 2mm wide	
102	0	19													
103.4														NQ / BQ 103.4	
104–106	20, 30	106.5										Cl	30°		
108	10, 10			per	4	ClSiSe									
110	5, 25														
112	20	20													112
114–118	40, 15, 30, 15, 5, 15, 20	119.2		per	3	SiSeCl	3	10	SiCc FdSe	dis	Py 5				

Total of 15.5[illegible] of core ...

65103

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EXPLORATION DIVISION

DIAMOND DRILL LOG

HOLE No. EB2

GEO. RJT
DATE 7/6/93

Depth (m)	Drilling runs / core recovery	Core tray no.	Rock type	Alteration texture	Alteration intensity	Alteration mineralogy	Veining intensity	Veining max. width (mm)	Veining mineralogy	Mineralisation texture	Mineralogy & contents	Fault position	Fault downhole width (cm)	Fault core axis angle	Gouge	Foliation type	Foliation core axis angle	Remarks	Sample no.
120	5																	120m a single pink K-feldspar vein up to 10mm wide.	
121	35																		
124	10															Cl	25°		
125	40	21					4	3	Cc										
126	10																		
127.9	10																		127.9
128–130.4	10, 15, 10			per	3	Cl Si Se Ep													
130.4–137.9	5, 5			per	3	Se Cl	1	3	Cc										
134	45	BS1					1	5	Cl							Cl	25°		
136–137	5, 10		vlc Ss																
137.9–142.6	5, 15			per	5	Cl Si	1	3	Cc	Vn dis at 140 m	Gn80 Py20								137.9
142	80	22																142.4 – 153.3 - lighter green alteration than previous alteration interval.	142.4
144	45, 10																		
146.2												146.2	700	?	PuRu				
147–148	40, 100	149.3		per	4	Cl Si Se	3	180	Cc Si										
150–152	0, 0																		
153.3–156.5	10	23	vlcSh/Ha Cr	?	5	Si Cl												unit similar to 14.5 – 15.25m? neither upper or lower contact observable here.	153.3
156.5	30																		156.5
158	30		vlc Ss																
160	45															Cl	30°		

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EXPLORATION DIVISION

DIAMOND DRILL LOG

HOLE No. EB2

GEO. RJI

DATE 8/6/93

DRILLING

DEPTH (m)	DRILLING RUNS / CORE LOSS	CORE TRAY NO.
160	60	23
162	10	
	10	
164	10	
	5	
164.8	10	
166	10	
168	10	
	5	
	15	
170	90	24
	05	
172	45	
	23	
174	25	
175.4	10	
176	20	
	66	
	120	
178	90	25
180	205	
182	90	
182.6	70	
184	20	
	150	
186	85	
188	30	26
	25	
190	20	
	25	
192	15	
193	55	
194	5	
196	90	
	100	27
198	65	
200	15	

LITHOLOGY

From (m)	Stratigraphy	Rock type	Colour	Fragments: composition	Max. size (mm)	Sorting	Shape	Matrix: composition	Volume %	Lower contact: gradation	Style
160		vlc Ss								Gl	I
176.8		R-lv/vlcSs	gy							s	I
178.45		B-int	gn							s	I
180.9		R-lv/vlc Ss	gy	Q	35	P	sA	sclc	50		

ALTERATION

From (m)	Texture	Intensity	Mineralogy
160	per	3	Cl Si
168.2	per	4	Si&Cl
172.?	per	4	Cl,Si,Se
174.?	per	4	Si
	per	2	Cl
	per	3	Ep,Si,Cl
	per	4	Si
	per	2	Cl
189.5	per	4	Si
194	per	4	Si
	per	2	ClSe

VEINING

From (m)	Intensity	Max. width (mm)	Mineralogy
160	2	3	Cc,Si
	3	2	Cl
173	3	5	Cc
	2	2	Cl
	1	10	Ep
	5	350	Si
	3	2	CcCl
194	2	1-5	ClCcEp

MINERALISATION

Texture	Mineralogy & contents
vn + dis	Py2

FAULTS

Position of base	Downhole width (cm)	Core axis angle	Gouge
161	10	?	PuRu
167	10	?	PuRu
173	60	50°	PuRu

FOLIATION

Type	Core axis angle
Cl	32°
Cl	30°
Cl	45°
Cl	20°
Cl	35°

REMARKS

Pyrite concentrated in veins. However disseminated also occurs

176 - core recovery improves. (core less broken)

} Dyke? fine grained. green colour.

Epidote c.bt at ≈ 181.75m

188m - Two 20mm thick veins mainly calcite c̄ minor quartz + chlorite.

- large quartz veins have very small calcite and chlorite veins crosscutting.

1 calcite vein 5cm wide with chlorite selvede. this is the only thick vein ... this.

Clots of Epidote alteration start to increase

Sample no.: 178.45, 180.?

Total dl 170m ?? ?? recovered in ??

log.01

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Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. EB7

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GEO. RJI

DATE 8/6/93

DIAMOND DRILL LOG

DEPTH	DRILLING RUNS / CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS FRAGMENTS COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	MATRIX COMPOSITION	VOLUME %	LOWER CONTACT GRADATION	STYLE	VESICLES CONCENTRATION	MAX. SIZE (MM)	SHAPE	ALTERATION TEXTURE	INTENSITY	MINERALOGY	VEINING INTENSITY	MAX. WIDTH (MM)	MINERALOGY	MINERALISATION TEXTURE	MINERALOGY & CONTENTS	FAULTS POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	FOLIATION TYPE	CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
200	80	200-10																																	200
	20																																		
202	90																																		202
	80																												Cl	30°					
204	85	28																																	204
	25																																		
206	95																																		206
	35																																		
208	55	208.35																																	208
	40																			209.2															
210	80			R-lv																									Cl	35°			211.3 - T.S. 624919		210
	55			/vlcSs																															
212	130	29																																	212
214	100																			2	1-35	Cc													214
216	90	216																		2	3	Cl													216
	150																																		
218	70																																		218
	20		220.1										?	?																					
220	65	30																															220 - 255 Epidote clots common, most have poorly defined irregular edges. However some clots have sharp well defined edges and are angular.	220.1	220
	5																																		
222	15																																		222
	5																																		
224	35	224.5		vlcSlt/Ch	lgt gy	?	?													2	1-8	Cc							Cl	38°					224
	50																			2	1-10	Ep													
226	60		226.8										S	C						2	2	Cl													226
	45																			2	1-90	SiEd													
228	200	31																																	228
	95			vlcSs		Same as previous vlcSs.																			230.2	20	60°	PuRu	Cl	32°			226.6 - T.S. 624920		230
230	295	234.4																															This vlcSs appears less altered than previous vlcSs.		232
232	160																																		234
234	280	32																															238.7 - 238.75 - intense Se Cl alteration.		238
236	10																																		
238	10																																		238
240	10																																		240

Total of 25.80m of core recovered in 39.5m

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951026

Aberfoyle Resources Limited

EXPLORATION DIVISION

DIAMOND DRILL LOG

HOLE No. E62 (?)

GEO. RJI
DATE 10/6/93

DEPTH	DRILLING RUNS / CORE RECOVERY	CORE TRAY NO.
240	10	
	15	240.1
	15	
242	0	
	80	33
244	40	
246	80	
	35	
	15	
248	25	
	15	
250	50	249.85
	5	
	90	
252	5	
	25	34
254	70	
256	70	
	30	
258	70	259.1
260	20	
	80	
262	15	
	85	35
264	40	
266	70	
	35	267.1
268	135	
	5	
270	130	36
272	25	
	65	
	10	
274	55	273.35
	5	
276	20	
	70	
278	45	37
	75	
	40	
280	70	

DEPTH	VEINING: INTENSITY	VEINING: MAX. WIDTH (MM)	VEINING: MINERALOGY	FAULTS: POSITION OF TOP	FAULTS: DOWNHOLE WIDTH (CM)	FAULTS: CORE AXIS ANGLE	FAULTS: GOUGE	FOLIATION: TYPE	FOLIATION: CORE AXIS ANGLE	REMARKS
242–244										242.9 - 248.7 High concentration of Epidote alteration clots, up to 50 cm ø.
244								Cl	40°	
248				248.9	20	60°	Pu Ru			
249.9	2	2	Hmt							
	3	1-10	CaSi							
	3	10	Ep							
	2	2	Cl							
252										251.9 - 258 - puggy rubbly mess. probably one big fault zone.
260				260.35	5	30°	Pu	Cl	25°	
261				260.95	1	30°	Pu Ru			
266										266 some fragments are not altered.
270				270.5	5	65°	Pu Ru			
277				277.7	2.5	60°	Pu Ru			

Other column headings (no entries): LITHOLOGY (STRATIGRAPHY, ROCK TYPE, COLOUR, VOLCANICLASTICS – FRAGMENTS: COMPOSITION, MAX. SIZE (MM), SORTING, SHAPE; MATRIX: COMPOSITION, VOLUME %; LOWER CONTACT: GRADATION, STYLE), VESICLES (CONCENTRATION, MAX. SIZE (MM), SHAPE), ALTERATION (TEXTURE, INTENSITY, MINERALOGY), MINERALISATION (TEXTURE, MINERALOGY & CONTENTS), WEATHERING, STANDARD COLOUR LOG, SAMPLE NO.

951027

Aberfoyle Resources Limited

EXPLORATION DIVISION

DIAMOND DRILL LOG

HOLE No. [illegible]

GEO. RJI
DATE 11/6/93

Drilling (depth 280–320 m):

Depth interval (m)	Drilling NRS / Core loss (mm)
280–281	35
	25
	60
	55
	160
	225
	45
	110
	230
	30
	240
	125
	185
	145
	45
	150
	90
	125
	290

Core tray no.	From (m)
38	281
39	288.5
40	295.5
41	302.4
42	309.1

Veining (from 298 m):

Intensity	Max. width (mm)	Mineralogy
3	1-100	EpSi
3	1-10	Cc
2	3	Fd.Cc
2	22	Si
3	1-5	Cc
3	3	Hmt

Faults:

Position of base	Downhole width (cm)	Core axis angle	Gouge
290.2	25	60°	Pu Ru

Remarks:

Haematite veins increase downhole

286.8 – T.S. 624921

295 – 287.1
numerous small faults ≈ 60° to C.A.

291.4 – 293.6
very broken ground c̄ numerous small faults (Poggy).
heavily quartz/calcite veined.

Epidote veins have Si filled tension gashes

305 – 307 – large Ep vns (up to 10 cm)

EOH 312.0 m

Total – 23.90 m of core removed in 37 (280 – 312)

951028