Aberfoyle Resources Limited

EXPLORATION DIVISION

5 cm

DIAMOND DRILL LOG

HOLE No. NC

PAGE 1 OF 21

GEO. RHL

DATE 11-11-94

DEPTH	DRILLING RUNS / CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS FRAGMENTS COMPOSITION	FRAGMENTS MAX. SIZE (MM)	FRAGMENTS SORTING	FRAGMENTS SHAPE	MATRIX COMPOSITION	MATRIX VOLUME %	LOWER CONTACT GRADATION	LOWER CONTACT STYLE	VESICLES CONCENTRATION	VESICLES MAX. SIZE (MM)	VESICLES SHAPE	ALTERATION TEXTURE	ALTERATION INTENSITY	ALTERATION MINERALOGY	VEINING INTENSITY	VEINING MAX. WIDTH (MM)	VEINING MINERALOGY	MINERALISATION TEXTURE	MINERALISATION MINERALOGY & CONTENTS	FAULTS POSITION OF BASE	FAULTS DOWNHOLE WIDTH (CM)	FAULTS CORE AXIS ANGLE	FAULTS GOUGE	FOLIATION TYPE	FOLIATION CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
0																																				
2		1																																		
3.0 Hw/Ha																	P														Wt3 2.0		3.0 3m Hw casing			
4					pkgn												pnt	5	Cl + Ab + ?Sil																	
6		2																		3.9											Wt1					
																	6.4		Gl	3 7.7	10	Q+Cl									6.5 Wt4 7.7		Bleached zone	7.7		
8					pk-lt																															
10		3																		2 11.0	20	Q+Cl											← survey 84° to 259° mag		10
12																	P Mas	5	Ab+Sil (+Cl)														Mas Ab+Sil alt ?overprints pervasive Cl. Cl domains form wispate domains. No Q in Cl domains.		
					pk															13.8 2 13.8	10	Q+Cl													
14		4																																		
16			MTG	xr vlcl Ss		Rl Al	50	m	A	Qx Fdx	95																									
18		5															18.4		Gl											bnd 18.2	50			17.6 ← HS 627651	18.8		
20																							18.8 nd	q is Py blebs/gashes vertically + 1-2cm										variably banded - 2 to 5 cm alternating Cl alt and Ab+Sil alt bands. Diffuse margins. Transitional to diffuse domainal Cl + Ab.		20
22																							nd nd													
24		6			pkgn																			to Py on fracture	24.2	60	74	Ru					← max Hbt in F.		
26																	P bnd	5	Cl + Ab				26.0 vnt										Cl filled fractures have striations // to CA angle. Py blebs/gashes elongate // to banding.	26.0	
28		7																		27.4 2 27.2	8	Q+Cl													
30																																				30
32		8																															← survey 84.25° to 258° mag		
34					pk																															
35.0																	35.0		Gl	35.0										bnd 35.4	50				35.0		
36		9																																		
38				38.6								Gl					P mas nod	6	Ab>Cl	1	15	Q+Cl											Gradational transition to fully supplanted Ss. b ? Vaughan Fr in xr Q+Fd mix		
40		10 ↓																																		40

Wt3 2.0 Wt1 6.5 Wt4 7.7

Bleached zone 7.7

← survey 84° to 259° mag

Mas Ab+Sil alt ?overprints pervasive Cl. Cl domains form wispate domains. No Q in Cl domains.

17.6 ← HS 627651

18.8 nd

q is Py blebs/gashes vertically + 1-2cm

nd nd

to Py on fracture

24.2 60 74 Ru

26.0 vnt

variably banded - 2 to 5 cm alternating Cl alt and Ab+Sil alt bands. Diffuse margins. Transitional to diffuse domainal Cl + Ab.

← max Hbt in F.

Cl filled fractures have striations // to CA angle. Py blebs/gashes elongate // to banding.

← survey 84.25° to 258° mag

bnd 35.4 50

Gradational transition to fully supplanted Ss. b ? Vaughan Fr in xr Q+Fd mix

28.6 Gl

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EXPLORATION DIVISION

HOLE No. NC

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GEO. RHL

DATE 17-11-94

5 cm

DIAMOND DRILL LOG

DRILLING			LITHOLOGY									VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION		WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
DEPTH	DRILLING RUNS / CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANOCLASTICS FRAGMENTS COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	MATRIX COMPOSITION	VOLUME %	LOWER CONTACT GRADATION	STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	COLOUR	TYPE	CORE AXIS ANGLE				
40		10																		1	15	a+Cl												40
42					pkgn												P mas nod	5 ↓ 4	Ab > Cl	42.7														
44																																		
46		11																																
48																																		
50		12	mTG	Y alte supported xr vlcl Ss-b		QpR R Sh FdpD Fd,b	100 100 50 50 20	P	A	Fd > Q x	80						50.2		Gl														50.0
52																																		
54		13																4 ↓ 2	Ab + Cl						54.4	4.0		Ru-b						
56																	nod																	
58		14																																
60				61.3								Gl					61.2		Gl														60.0	60
62		15																																
64																																		
66																																		
68		16				lg R l	40 50										nod bnd	1	Cl + (Ab halos)															
70				xr vlcl Ss	gygn			m	SA	Q x Fd x	95																					70.0	70
72		17																																
74																																		
76		18																																
78				78.4								Gl																				77.4		
80		19			gygn pk															80.0														

REMARKS:

decreasing alt intensity
Increasing lh Fr
↓ prominent Cl gaiber i Fd x. Resembles A Fr but probably early Cl alt overprinted by nodular Ab.
v. irregular wispate Fr shapes
3cm ↕ Ab

LITHICS
- gn aphyric R?
- pk Q p R
- pp Fd p D
- gygn Cl alt Sh? (near Py)

← F marked by zone of broken core. Brittle style. Weak lamination & juxtaposition of alt styles

downhole alt style changes to albite halos around fragments in a gn gy Cl mtx.

v. uniform textured Fd xr vlcl Ss i Cl alt mtx and Ab haloes around sparse lithics.

more lithic rich zone

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EXPLORATION DIVISION

HOLE No. NC

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GEO. RHL

DATE 21-11-94

5 cm

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
80			19		Y xr vfd Ss-b	gygn	Rl lg	100	P	A	Qx Fdx	80		
82														
84				84.3									S	FRAGT
86			20											
88														
90			21		Yxr vfd Ss-b	gygn	Rl lg Dl	90 50 30	P	A	Qx Fdx mt	95		
92														
94			22											
96														
98			23	99.1									S	GRADAL
100														
102			24		Yxr vfd Ss-b	gygn	Rl Dl	100 90	P	A	Qx Fdx	90	S	
104				104.9										FLT INT
				105.4	ap TR dy	gy rd							S	F-Z
106			25		Yxr vfd Ss-b	gygn pk			P	A	Qx Fdx	85		
108														
110				110.7									S	E
112			26	112.0	diffuse bed Slt-fgSs-Sh	gy pk							S	S
114				115.8	xr vfd Ss	gygn							S	E
116			27	117.6	Slt-fgSs-Sh	gy pk							S	S
118				119.4	Slt + fgSs	gy pk							Cl	E
120			28											

DEPTH	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	COLOUR	FOLIATION TYPE	CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG
80																			
82																			
84							1	5	Co+Q			84.3	0	30	striated				
86																			
88							87.3												
90					89.4	Co+Ab alt halos						90.0	1		striated				
92				Mod bnd															
94					1	Cl+Ab (halos)													
96																			
98																			
100																			
102																			
104										104.9	Py veinlets 1mm								
				107.4			105.9					105.4	50	60	fr				
106																bnd 107.9	20		
108				Mod	3	Ab+Cl + Co													
110				110.7			110.7												
112																			
114				bnd	2	Ab+Cl													
116																			
118																			
120																			

REMARKS	SAMPLE NO.	DEPTH
First Co vn. downhole		80
83.1m HS 627652		
85.2 v. subtle grainsize variation (? bedding) in xr Ss. Ml bands + th-rich bands.	84.3	
Unit from 99.1m to small Fault at 85.2m is a variably lithic bearing xr vfd Ss i diffuse mt laminae towards the top. Probably a single mass flow unit		90
99.1m EROSIONAL BASE	99.1	
		100
104.9m	104.9	
dk gy Fg dyke i Fd microlits strongly fractured – Fault. Weakly laminar chilled margin.		
110.7	110.7	110
MAJOR CHANGE IN FACIES TYPE 112.5m HS 627300 Diffusely banded mt-rich graded Ss-Slt with mar lbd gy Sh (? turbidites)		
		120

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HOLE No. NC 6

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GEO. RHL

DATE 21-11-94

5 cm

DIAMOND DRILL LOG

DRILLING			LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION		WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
				VOLCANICLASTICS							LOWER CONTACT																							
				FRAGMENTS				MATRIX																										
DEPTH	DRILLING FLUIDS	CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	COMPOSITION	VOLUME %	GRADATION	STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	TYPE	CORE AXIS ANGLE	WEATHERING		REMARKS	SAMPLE NO.	DEPTH
120			28		grad vfld Ss-slt																													120
122				122.2																													strong soft sediment disruption		
124				124.3	grad vfld Ss-slt													bnd	2	Ab + Cl									bnd 125.5	20			122.5L HS 627653	124.3	
126			29															126.8															diffuse Ab alt bnd		
128					mas vr vfld Ss - lam slt (rare) +	gygn	Rl	5	P	A	Fdx	90								127.3														
130			30	130.4									Gl					nod	3	Ab + Cl	1	25	Cl Q Co										Grading	130.0	130
132				132.4	Y vfld Ss-b	gygn pk	lg	90	P	A	Fdx	50	Gl					132.3			132.1													
134			31															133.8																133.0
136					mas xr vfld Ss	gygn	lg Rl	40 30	P	A	Fdx ?Hbx	90						135.0	2	Ab + Cl														
138				138.8									S	E																				138.8
140			32	140.5	rd-mod Fg vfld Ss	gygn pk							Gl	D										d-h 141.1	1mm Pyrch (5%)				bnd 140.0	30			140-1m HS 627654		140
142					fg Fd xr vfld Ss	gygn					Fdx	90																						
144			33	143.5									S	E																				
146				145.2	mt-mod lam slt																													145.2
148			34	146.74 147.8	vfld Ss-b		lg	80	P	A			Cl ST					nod	2	Ab + Cl									Bd 148.2	30			lh. mod zone		
150				151.6	mas vfld Ss								S	D																			Base of mas Ss - wk lam (bear)		150
152			35		lam Slt																												151.6 lam Slt ibd	151.6	
154						gygn																												
156			36	155.8	mas vfld Ss								Cl																					
158				158	vfld Ss-b		lg	80	P	A			Gl					nod	2	Ab + Cl														
160			37																															160

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EXPLORATION DIVISION

HOLE No. NC 1

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GEO. RHL

DATE 21-11-94

5 cm

DIAMOND DRILL LOG

DRILLING			LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION					
						VOLCANICLASTICS						LOWER CONTACT																					
						FRAGMENTS				MATRIX																							
DEPTH	DRILLING RODS CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	COMPOSITION	VOLUME %	GRADATION	STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	OCCUR	TYPE	CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
160																																			160
162		37		mas xx vfd Ss	grngy																														
164			165.5									S	E				165.5																165.5		
166		38																																	
168																																			
170		39		fg vfd Ss Slt thd Sh (Qm)	pkgrn												bnd	2	Ab																170
172			173.2									Gl	S				173.3																		
174		40		Y bv	PP gy	lg Rl	80 110	P-M	A	Fdx	30						halo	3	Ab. Cc														175.0m Prominent blue grey Fd Q p welded ignimbrite clasts		
176			177.0									Gl	S																				176.1m HS		
			177.9	mas vfd Ss																													627655	177.9	
178		41	179.4	fg vfd Ss - Slt								S	E																Bed 178.5	45°					
180				sh lam Slt																															180
182				mas fg Ss								Gl	S																						
184		42		Y Ss-bv	PP-Gy	lg Rl	80 100	P	A	Fdx	60	Gl	S				nod bnd	1	Ab														184.9m HS 627656		
186				mas vfd Ss																															
188		43	189.2									S	E																					189.2	
190				lam md. md Slt grd																															190
192		44	192.9	vfd Ss lam Slt								S	E																Bd 193.5	40°					
194			195.5	grd vfd Ss								S	E																						
196		45		lam Slt grd																															
198			198.8	vfd Ss								S	F				197.2						198.8	Pyrite F	191.3	2	5	Pu	Cl 198.8	5°				192.9	
200		46		pto															F to			F to											FAULT ZONE		200

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EXPLORATION DIVISION

HOLE No. NC 1

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GEO. KHL

DATE 1/12/94

5 cm

DIAMOND DRILL LOG

201.0 HQ / NQ

6m tube

Depth	Core tray no.	Stratigraphy	Rock type	Colour	Volcaniclastics fragments: Composition	Max. size (mm)	Sorting	Shape	Matrix: Composition	Volume %	Lower contact: Gradation	Style
200–206.4	46		veined brecciated silicified xr vlcl Ss	plgh pk					Fdx Qx	80	S	F
206.4–213.4	47		cg vlcl Ss	grgn	Rl lg	50 20	P	A	Fdx	70	S	E
213.4–225.1	48		grd vlcl Ss	grgn					Fdx	80	S	E
225.1–230.9	49		grd vlcl Ss	grgn					Fdx	80	S	E
230.9–237.9	50		grd vlcl Ss	grgn					Fdx	85	S	S
237.9–239.2	51		mtx sup vlcl ss-b	grpp	Dl lg	100	P	A	Fdx	60	S	E
239.2–240.5	52		multiple grd vlcl Ss	grgn					Fdx	80	S	E
	53		grd vlcl Ss	gr gn					Fdx	80	S	E

Depth	Vesicles: Concentration	Max. size (mm)	Shape	Alteration: Texture	Intensity	Mineralogy	Veining: Intensity	Max. width (mm)	Mineralogy	Mineralisation: Texture	Mineralogy & contents
200–206.4				P nod	2	Ab Sil	4	30 2	Cc Sc Cl Hut Cnt		
206.4–213.4											
213.4–225.1							2	10 3	Cc Hut-nt		
225.1–230.9				halo bnd nod	1	Ab Cc					
230.9–237.9							237.1				
237.9–239.2				233.9 halo 235.4	3	Ab Cc					
239.2–240.5											

Depth	Faults: Position of base	Downhole width (cm)	Core axis angle	Gouge	Foliation: Type	Core axis angle	Weathering	Standard colour log	Remarks	Sample no.
200									201.0m HQ reamed 6.0m barrel for NQ	
206.4	BRE	CC-1A	20+	E	Cl 206.4	35°			Fault-related pseudobreccia cut by numerous thin anastomosing cl-Hut ± mt veinlets. moderately veined and sil alteration. 205.9 Lot clast (10cm)	206.4
210									208.7 HS 627657	210
213.4					Bd 213.4	55°				213.4
220									217.5 Hut-Cc-mt vnt	220
225.1										225.1
230					bnd 231.8	75°			Low in core-axis angle. 230.9 bnd mt-rich top	230
235										235
240										240

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EXPLORATION DIVISION

HOLE No. NC 1

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GEO. RHL

DATE 1/12/94

5 cm

DIAMOND DRILL LOG

DRILLING			LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION		WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
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	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	TYPE	CORE AXIS ANGLE					DEPTH
240			240.9	grd vfd Ss	gy gn							S	E																					240
242			243.2	multiple grd vfd Ss	gy gn							S	E												242.4	1	32°	b	bed 242.2	43°			242.2 3 0.5m gn gy Sl bands i good Flame structure	241.2	242
244		54	243.0	lam Slt	gy gn							G	S												242.8	0	32	none							244
246				wk bnd fg Fd xr vfd Ss	gy gn					Fd x	90																						* numerous small coherent breccia zones (microfaults)		246
248		55	249.3									S	E				halo bnd nod	1	Ab Cc																248
250				grd vfd Ss	gy gn					Fd x	90																							250
252			253.0									G	E																					253.0
254		56																																
256																																		
258				mdm sup vfd Ss-b	gy gn	Rl Dl lg Mst	50	P	A																258.4	0.2	35°	none							258
260		57																																260
262			261.5									G	S				261.5																several 5-10 cm wide Cc healed breccia zones. ? Hydraulic breccia.		262
			263.3	Y bv	gn pk	Rl lg	100	P	A	Fd x	40	S	E				halo 263.3	3	Ab Cc						262.7	10	44°	Ru b							
264																	264.9			263.9			264.1	tr Cpy									264.2m HS 627658		264
266		58	267.0	vfd Ss-b	gy gn	Rl lg	100	P	A	Fd v	75	S	E				P 266.8	4	Ab Cc	1	15	Cc-Cl-Q			264.2	3	70°	Ru b							266
268																																		267.0
270		59		vfd Ss-b xrr Slt	gy pk	Rl lg Slt	80	P	A	Fd x	70-80						P	3	Ab						270.4	10	50°	vug			2		270.4 vuggy weathered zone wound fault ? Extend to surface		270
272			274.2									G	E				274.2			274.2														274.2
274		60		vfd Ss-b)	gy gn	Rl	100	P	A	Fd x	75						halo	1	Ab Cc																
276			279.1									S	F				279.1								279.1	1	45°	Cc vn							
278		61		pto													pto																	
280		↓																																280

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EXPLORATION DIVISION

HOLE No. NC1

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GEO. RHL

DATE 1-2/12/94

5 cm

DIAMOND DRILL LOG

Depth	Core tray no.	Stratigraphy	Rock type	Colour	Volcaniclastics fragments: Composition	Max. size (mm)	Sorting	Shape	Matrix: Composition	Volume %	Lower contact: Gradation	Style
280–281.8	61	281.8	vfd Ss-b	pkgn	Rl lg	30	P	A	Fdx	85	G	S
281.8–293.3	62, 63		Y bv - Ss	pkgn	Rl lg mst	150	P	A	Fdx	30-50	S	?
293.3–295.1	63	295.1	bnd Cc	pp pk							S	?
295.1–296.9	64	296.9	Y bv	bngn	Rl Slt Cc	150	P	A	Fdx	60	S	F
296.9–299.4	64	299.4	shd Y bv	pkgy	Slt Rl Cc	100	P	A	Fdx	40	S	E
299.4–301.4	65	301.4	vfd Ss-b	sygn	Rl Slt	40	P	A	Fdx	80	S	F
301.4–304.7	65	304.7	ind Y bv	pkgy	Slt lg Rl	80	P	A	Fdx	50	S	
304.7–306.9	66	306.9	Y bv	pkgy	Cc Rl	70	P	A	Fdx	10	G	
306.9–308.0	66	308.0	bnd Cc Fb	wh-pp	bnd Cc	100	P	A	Cc	10	S	F
308.0–320	67, 68		str shd Hnt F lv c; 10 cm bnd gn Q m lv; 10-40 cm bnd wh-pp Cc	PPgn								

Depth	Texture	Intensity	Mineralogy
281.8–285.4	bnd	3	Ab
285.4–293.3	P	5	Ab
293.3–296.9	halo	1-2	Ab-Cc
296.9–299.4	bnd	4	Cc
299.4–301.4	mod	1	Ab
301.4–308.0	P	5	Cc
308.0–320	bnd	7	Hnt Cc

Depth	Intensity	Max. width (mm)	Mineralogy
280–308.0	1	5	Cc Q Q
308.0–320	1-2	10	Cc
308.0–320	2	20	Cc

Depth	Texture	Mineralogy & contents
302.9		? Sp-Py clast
306.7		Py clasts

Position of base	Downhole width (cm)	Core axis angle	Gouge
296.9	10	50°	Pu Ru
301.7	10	?	Ru
308.0	1	30°	Pu
311.1	290		Pu Ru
318.7	2	30	Vn

Depth	Type	Core axis angle
305.9	bnd	26°
310	bnd	35°
315	clear bnd	48° 21°
320	bnd	20°

Remarks:

- 294.2 m HS 627659
- 10 cm wedge of Howards Tuff in fault
- 302.9 5 cm lam Py-?Sp clast
- 302.1 m HS 627670
- 306.9 Flattened 1-2 cm Py clasts
- 308.0 m
- Howards Tuff
- Fault zone. Str shd and broken core
- 310 to 10 cm mas pk Cc
- 313.6 m HS 627660
- 315.0 m thin band
- 316.2 m HS 627671

Sample no. 281.9, 293.3, 295.1, 296.9, 299.4, 301.4, 304.7, 306.9, 308.0, 313.0, 316.9, 317.9

Depth: 280, 290, 300, 310, 320

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5 cm

DIAMOND DRILL LOG

DEPTH	DRILLING RUNS	CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS FRAGMENTS COMPOSITION	FRAGMENTS MAX. SIZE (MM)	FRAGMENTS SORTING	FRAGMENTS SHAPE	MATRIX COMPOSITION	MATRIX VOLUME %	LOWER CONTACT GRADATION	LOWER CONTACT STYLE	VESICLES CONCENTRATION	VESICLES MAX. SIZE (MM)	VESICLES SHAPE	ALTERATION TEXTURE	ALTERATION INTENSITY	ALTERATION MINERALOGY	VEINING INTENSITY	VEINING MAX. WIDTH (MM)	VEINING MINERALOGY	MINERALISATION TEXTURE	MINERALISATION MINERALOGY & CONTENTS	FAULTS POSITION OF BASE	FAULTS DOWNHOLE WIDTH (CM)	FAULTS CORE AXIS ANGLE	FAULTS GOUGE	FOLIATION TYPE	FOLIATION CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
320																																					320
323																																					
324			69																							324.2	5	?	Ru	bnd 323.9	28°			323.0m ORIENTATION			
326					Hmt Flv	ppgn												bnd	7	Hmt Cc	2	20	Cc												325.0	
328			70																															328.1m HS 627672			
330																														bnd 330.3	34°			329.8m HS627673		330	
332																		331.9																	331.0		
334			71	333.7									S	F				P bnd 333.7	6 3	Cc Hmt						333.7	1	?	Ru	bnd 334.4	26°						Cc
336					FZ b	ppgn	Qlv bnd Cc		P	A								bnd 337.7	2	Cc						335.2	10	?	Ru					335.4 FAULT ZONE 20 cm mas pk Cc		335.2	
338				337.7									S	F												337.7	1	80°	Ru					336.8 20 cm mas pk Cc			
340			72																											bnd 339.2	17°			340.0 Platkmed & brg Hmt ?clast.		339.0	340
342					shd Q brg lv ↳ ibd Hmt Fg lv + 1-2cm Cc bnd	p'ppn	Qx	3	P	R	?						P	5	ser cl Cc																		
344			73																											bnd 345	18°			343.5m HS 627661			
346				346.4									S	F				346.4								346.4	2	65°	Pu							346.4	
																										347.0	0.1		none								
348						PP												P	6	Hmt Cc														348.1 round 1-2mm Cc spots.			
			74	349.1									G	S				349.1												bnd 350.1	11°					349.0	
350				350.9		↳ PP Bn							G	S				350.9																349.9m HS627674		350.8	350
352																																					
354																					354.0									bnd 353.9	<10°						
			75																		355.0	20	CcCl											354.0m Cc vn at ~90° to CA and ~80° to cleavage.			
356																		P	6	Hmt Cc cl Ser																	
358																																					
			76	359.9									G	S												358.9	3	25°	Pu Ru	bnd 360	<10°			359.0m ORIENTATION		358.9	
360																																					360

Cc

Cc

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5 cm

DIAMOND DRILL LOG

DEPTH	DRILLING RUNS / CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS FRAGMENTS COMPOSITION	FRAGMENTS MAX. SIZE (MM)	FRAGMENTS SORTING	FRAGMENTS SHAPE	MATRIX COMPOSITION	MATRIX VOLUME %	LOWER CONTACT GRADATION	LOWER CONTACT STYLE
360		↓ 76		R brn Y bv T ibl Hat Flv	plgn pp								
362													
364			364.5									S	S
366		77			pp plgn								
368			368.9									G	S
370		78			pk pp gn								
372			372.0									G	S
374													
376		79											
378													
380		80											
382													
384													
386		81		str shd B-A bv	plgn	90% fd P B-Al	100	P	A lanst	str	10-50		
388													
390		82											
392													
394													
396		83											
398													
400		84 ↓											

DEPTH	VESICLES CONCENTRATION	VESICLES MAX. SIZE (MM)	VESICLES SHAPE	ALTERATION TEXTURE	ALTERATION INTENSITY	ALTERATION MINERALOGY	VEINING INTENSITY	VEINING MAX. WIDTH (MM)	VEINING MINERALOGY	MINERALISATION TEXTURE	MINERALISATION MINERALOGY & CONTENTS	FAULTS POSITION OF BASE	FAULTS DOWNHOLE WIDTH (CM)	FAULTS CORE AXIS ANGLE	FAULTS GOUGE	FOLIATION TYPE	FOLIATION CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG
360																			
362						Hat Cc													
364				P bnd	6	cl Ser				363.2 363.6 bnd	Py (5-10%)								
366																bnd 365.2	12°		
368																			
370				368.9			2	10	Cc							bnd 369.8	16°		
372				P 371.0	5	Cc (Hat)													
374																			
376																			
378												379.5							
380																bnd 379.9	31°		
382							4	200	Cc Cl	dis	Py (3%)	FZ 382.9	340	45°	Pc Ba				
384																			
386				P bnd	5	Ser Cl Cc													
388																			
390							3	10	Cc										
392																			
394										394.4 394.6	dis Py (5%)					bnd 394.3	14°		
396																			
398																bnd 400	15°		
400																			

DEPTH	REMARKS	SAMPLE NO.	DEPTH
360			360
362	362.5m HS 627662		
364	363.2 363.6		
366			
368		364.9	
370			370
372	372.0m	372.0	
374	Unit initially interpreted as tube pumice breccia. Less deformed unit at ~600m suggests this is a deformed basaltic-andesite hyaloclastic breccia. Magnetic susceptibility changes dramatically at 470-0m from spiky to quiet		
376			
378		379.5	
380			380
382	382.1m + ~30-60 SI. False pumiceous texture due to strongly flattened vesicular/amygdaloidal fragments	382.7	
384			
386			
388	389.0m ORIENTATION	389.0	
390			390
392			
394	393.3m HS 627675	395.1	
396			
398			
400			400

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5 cm

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
400			↓	401.0									G					401.0																		400.7m HS 627663	401.0	400
405			84																											bnd 405	14°						
406																																					
408			85		lbd str shd alt BA bv Cc bands 1v	pp gm	vae Fd P B-A	150	P	A	Cc 4 ft	10-30																									
410																		P bnd	6	Hnt Cc Ser										bnd 409.7	12°						410
411			86																																	411	
414																														bnd 414.1	<10°						
416																																					
418			87																																		
420																					3	10	Cc														420
422				422.0									S	F				422.0								422.1	10	70°	Ru					BASE OF STRUCTURAL REP ?	422	
424			88																											bnd 423.9	11°			Consistent limestone ↓ May-Fri 0-20 SI		
426																																					
428			89		mas-bnd Lst i 0.5-5cm lbd gy Sh	wh pk pp																												428.5m 5cm gy gr Sh bnd		
430																														bnd 431	11°						430
432																																		431.8m HS 627664			
434			90																											bnd 435.7	25°						
436																																					
438			91																																	437	
440			↓										G	S																							440

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5 cm

DIAMOND DRILL LOG

DEPTH	DRILLING HOURS / CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS FRAGMENTS COMPOSITION	FRAGMENTS MAX. SIZE (MM)	FRAGMENTS SORTING	FRAGMENTS SHAPE	MATRIX COMPOSITION	MATRIX VOLUME %	LOWER CONTACT GRADATION	LOWER CONTACT STYLE	VESICLES CONCENTRATION	VESICLES MAX. SIZE (MM)	VESICLES SHAPE	ALTERATION TEXTURE	ALTERATION INTENSITY	ALTERATION MINERALOGY	VEINING INTENSITY	VEINING MAX. WIDTH (MM)	VEINING MINERALOGY	MINERALISATION TEXTURE	MINERALISATION MINERALOGY & CONTENTS	FAULTS POSITION OF BASE	FAULTS DOWNHOLE WIDTH (CM)	FAULTS CORE AXIS ANGLE	FAULTS GOUGE	FOLIATION TYPE	FOLIATION CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
440		91	440.1	ibd mac Lst + granular ibd Lst + granular Lst ± wispy Ser-Hmt	pk pp	Hmt Ser	2 4	G	R Σ	Cc	70-100	G	S																							440
442			442.8																																	
444		92																																		
446				mas ctylolitic Lst	wh pp															441.2																
448																																				
450		93																											bnd 450	40-10°					450	
452			452.0									G	S																				451.9m HS 627665			
454																																		453		
456		94		granular Hmt Lst ± wispy Ser-Hmt	pp	Ser Hmt	5	M	wispy	Cc	20-70						spt	3	Hmt Se										bnd 455.3	11°						
458																																				
460		95	460.0									G	S							1	4	Cc											460.0m 5cm gygr Sh	460	460	
462			461.8	ibd bnd-granular Lst	pp wh							G	S																							
464																																				
466		96		str shd bnd Lst ± ibd Sh	pk pp																															
468			468.9									G	S																					468.8		
470																																			470	
472		97		str shd ibd bnd-gran Lst	pk pp wh																												471.2m HS 627666			
474																																				
476		98																																		
478			471.7									G	S				471.7			471.7														471.7		
480		99																																	480	

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5 cm

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
480		99																																	480
487																																			
489																																			
486		100																																	
488						Hmt ves Fdp BA	200	P	A	Cc Hmt	10-30						P	5	Hmt Cc															
490																																		490	490
492		101																																	
494																									447.9	20	5°	57							
496																				2	5	Cc													
498		102																			10	CcSiCl													
				shd BA bv T i bd Cc	499.3							G					499.3																498.6m HS 627667	499.3	
500																																			500
502		103				ves ony Fdp BA	150	P	A	Fdx Cc lk fr	10-30						P	4	Sed Cc													Cc vn at 90° to CA w banding		
504																																			
					505.5							G					505.5																	505.5	
506																																	506.8m gypsum Hmt fr		
508		104																															507.4m highly vesicular ? B.A fr resemble pumice		
510																																			510
512		105															P	5	Hmt Cc														Below ~ 515m thick Cc vn are vuggy T enclosed x faces		
514																				514.6														515	
516																																	517.2m bright red gypsum rich Cc matrix		
518		106																																	
520																																			520

Note: the interval from 477.7m – 582.9m is v. strongly shd and pervasively Hmt-Cc alt and at a very low (<10° – intermittently 0°) angle to CA. May represent oxidised top of green Hmt-free unit below 582.9m.

The 110m may represent only ~20m true stratigraphic thickness.

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5 cm

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
520																																				520
522		107																		3	20	Cc ppp														
524																																	525m			
526																				525.0														525		
528		108																																		
530				shd BA bv	PP	vas Fdp Bd	100	P	A	Cc Hat	10-30						P	5	Hat Cc																530
532																	P	3	Se																
534		109																															533.0m irregular pk Cc bands			
536																																	granular mtx has more Se alt	535		
538		110																															fr are permanently Hat alt			
540																																				540
542																				2	10	Cc														
544		111																															544.3m HS 627669			
546				546.0								G	S																					546		
548				Lst 548.9	pk							G	S				P	2	Hat																
550		112		shd BA bv 550.9	PP							G	S				P	4	Hat Cc										550.9					550.9	550
552																																	Limestone band follows undulating contact down core ? Hat Tr			
554		113		Lst	pk												P	2	Hat										band 555	0°					
556																																				
558		114		558.2								G	S																band 559.2	<<10°				559.2	
560																																				560

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5 cm

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
560													
562													
564		115											
566													
568													
570		116		sld A bv i Cc bnd	pp	Fd pA	70	M	A	Cc Ch	10		
572													
574		117											
576													
578													
580		118											
582				582.9								S	S
584		119		cg 1h 1v 582.7	gn	Se	10	P	sA	SeCl	20	G	S
586													
588													
590		120		A ov (hyaloclastite)	gn	ves Fd P B-A	250	P	A	Cc	10-20		
592													
594		121											
596													
598													
600		122											

DEPTH	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
560																		
562																		
564																		
566																		
568				P	6	Hu Cc Se												
570				M	3	Cc												
572				B	2	Cc Jsp						569.9	4	<10°	Ru Pv			
574																		
576																		
578																		
580				580.0			2	15	Cc Cc SiCl							bnd 580.0	13°	
582				B	4	Se Ch Cc												
584				582.9												bnd 583.2	18°	
586																		
588																		
590																bnd 589.5	19°	
592				P	6	Se Cl Cc				591.6		591.6	2	29°	SZ			
594										wdr str dis in clasts	Py (2-10%) ?Cpy (1%)					mod 593.6	23°	
596				P	4	Cl Se												
598				M	6	Cl Se Cc				596.6								
600																		

DEPTH	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
560				560
568.1m		HS 627676		
570		numerous small shear zones within strongly foliated bv	5899	570
574.7m		HS 627677		
580				580
582.9m			592.9	
583.4m		HS 627678		
		Hbd-c alt ov above (i ibd Lst) to Se Cl alt bv below (v. mnr ibd Lst)		
590				590
591.6m			591.6	
		numerous anastomosing linear zones in altered calcite-rich breccia matrix		
594.3m		HS 627679		
		≈ mnr ?Cpy in BA clasts.	596.6	
600				600

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5 cm

DIAMOND DRILL LOG

DEPTH	DRILLING RUNS / CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS FRAGMENTS COMPOSITION	FRAGMENTS MAX. SIZE (MM)	FRAGMENTS SORTING	FRAGMENTS SHAPE	MATRIX COMPOSITION	MATRIX VOLUME %	LOWER CONTACT GRADATION	LOWER CONTACT STYLE	VESICLES CONCENTRATION	VESICLES MAX. SIZE (MM)	VESICLES SHAPE	ALTERATION TEXTURE	ALTERATION INTENSITY	ALTERATION MINERALOGY	VEINING INTENSITY	VEINING MAX. WIDTH (MM)	VEINING MINERALOGY	MINERALISATION TEXTURE	MINERALISATION MINERALOGY & CONTENTS	FAULTS POSITION OF BASE	FAULTS DOWNHOLE WIDTH (CM)	FAULTS CORE AXIS ANGLE	FAULTS GOUGE	FOLIATION TYPE	FOLIATION CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
600		122																											bnd 600.5	25°				600.5m HS 627680		600
603																	P	4	ScClCc																
604				Abv	gn	FdP A	150	M	A	Cc	10						M	6	CcSc															604	
606																																				
607		123																																		
610																																			610	
611			611.5									G	A				611.5						611.5										611.5m HS 627681	611	
612		124		Abv i Ch nodules	gngy	FdpR Ch	100	P	A	Cc	20						P	3	ScCcCl				M	Py5									← Au kick due to Ch nodules?		
613			613.5									G	A				M	3	CcAySc				613.5												
																	N	2	Si																
614																	614.5																		
616		125																																		
618																	P	5	ScCcCl														617.0m HS 627682		
620				dd Abv	gn	A		P	L	CcPySi	30						M	4	PyScSi				M	Py15									Very Cc w/ have deep red colour + radial, accretionary textures. Only occur in ~~nodules~~ i Py-Sc		620
622																													bnd	<10°					
624		126																																		
626			626.0														626.0						626.0										626.2m HS 627683		
			627.0	Cc	prnk	Cc				Hyd Cc		I					P 627.0	7	CcHm				627.0										← very delicate accretionary textures preserved in non-Py CcHm interval.		
628		127																															628.2m HS 627684		
630				Abv	gngn	Al	300	P	A	SiCcPy	30						m	6	PySeSi				m	Py20									631.2m HS 627685	630	
632		128																															632.8m HS 627686		
634			635.0									G	FZ				635.0						635.0												
636		129		dd Ybv	ppp	Al Hm	100 10	P	A	SeSi	40						m	4	SeSiPy				m	Py5										636	
638			638.2									D	F				638.2						638.2		638.2	30	10°	Fb							
		130															639.1	3	SeSi						639.1	1	17°	Py							
640																																			640	

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DATE 10-1-95

5 cm

DIAMOND DRILL LOG

Depth	Core tray no.	Stratigraphy	Rock type	Colour	Volcaniclastics fragments composition	Max. size (mm)	Sorting	Shape	Volcaniclastics matrix composition	Volume %	Lower contact gradation	Lower contact style	Vesicles concentration	Vesicles max. size (mm)	Vesicles shape	Alteration texture	Intensity	Mineralogy	Veining intensity	Veining max. width (mm)	Veining 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.
640	130		Adclv	dkgy	Fdx Al	50	P	A	SiSe	15	S	F				P	5	SiSePy				Ds	Py5										Adcv may be altered gneissic Al; 641.7m HS 627687	642.7
642.2																642.2						642.2		641.2	3	17°	Py							
644			Adclv	dkgn	Fdx Al	10	P	A	SiSe	30	S	I				P	4	SiSe	644.5															646.0
646	131															646.0																		
648																			2	200	CaQCl													
650																			649.7															650
652	132		Abv-clv	cmgy gnbn	Al Fdx	200	P	A	SeSi (Py)	25						M	3	Se																651.4
654																652.9						651.8												654.4
656	133															M	5	PySeSi				M	Py20											
658																658.8						658.8		658.8	80	<10°	Ru							658.0
660																																		660
662	134																											S	<10°					
664			Al	gygn	Al	300	P	A	SiSPy	5						P	4	SeCl				V	Py3									664.75m HS 627688		
666	135															M	2	CcSe	1	50	CaQ											667.1m HS 627689		
668																V	2	PySe																
669.1											G	D				669.1						669.1												670
670																																		
672	136		Dbv	gygn												P	3	SeCl				M	Py5									671.6m HS 627690		
674			673.7m								G	D				M	4	SeCcPy																
673.7																673.7						673.7												
676			mac Dl	pkgn												P	2	SeCc																
677.0	137		677.0m								G	D				677.0																677.4m HS 627691		
678			Dbv	grpk																														
680	138																																	680

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EXPLORATION DIVISION

GEO. RHZ

DATE 10/1/95

5 cm

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
680			138		Dlb	gy pk					SePy	15						P	2	ScCc																	680
682																																			681.7 HS 627692		
684																																					
686				685.4									9	S				685.4								685.8	10	15°	SePy						685.4	
																								686.4	Cp in Py vnt											
688			139			pk																											688.0m Pseudoclastic texture due to SiSePy stringer vn alteration		
690																		P	2	CcSe																690
																		V	1	SePy	690.8			690.8	Cp in QCc vn											
692			140			5Y8gn																															
694																																					
					Fxp Dl													695.1																	695.1	
696																										696.2	25	17°	SePyRu							
698			141			pk												P	1	SeSi	2	50	QCc											697.7m HS 627693 (pk Dl)		
700																		700.5								699.9	5	20°	PyRu					zone of distinct pk colour		700
																								700.7	Cp in QCc vn (Unit 1 15m)											
702			142			dk 5Y8gn																															
704				705.1									S	F							705.2					705.2	10	23°	SiSeCc						705.2	
706																																		Intervals i distinctive pink Feldspars in matrix.		
708			143			pl pkgn												P	3	CcSe																
710							Fdr Dl	2 50	P	A																								710.7m HS 627694 (Dclv)		710
712					Dclv-bv						SiSe	20																									
714			144			5Y8gn												710.0 GRADATIONAL																Unit Dclv possibly altered Dl i pseudoclastic texture. Well developed 1mm spaced cleavage.		
716																		P	4	SiSeCc																
718			145																		717.7													Proportion only more siliceous below ~715 m		
720																																					720

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EXPLORATION DIVISION

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GEO. RHZ

DATE 17-1-95

5 cm

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
720			721.0									S	F
722		146	723.5	ADl	grgn	Fl	2			Si	90	I	?I
724													
726													
728		147											
730													
732													
734		148											
736													
738													
740		149		Yx Vs-b		Dl lg	50	P	A	Fl Si Sc	85		
742													
744		150											
746													
748													
750		151											
752													
754		152											
756													
758													
760		153	759.6									I	?I

VESICLES CONCENTRATION	MAX. SIZE (MM)	SHAPE	ALTERATION TEXTURE	INTENSITY	MINERALOGY	VEINING INTENSITY	MAX. WIDTH (MM)	MINERALOGY	MINERALISATION TEXTURE	MINERALOGY & CONTENTS
			721.0			2	80	BGCl		
			P	2	Si					
			723.5			721.1				
						728.9				
						1	20	Cc		
			P	3	Si & Cc					
						745				
			754.5							
			P	4	Sc Si					
			759.6							

FAULTS POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	FOLIATION TYPE	CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG
720.8	120	<10°	SZ				
738.6	10	80	Pulv				

REMARKS	SAMPLE NO.	DEPTH
SZ = shear zone. Foliated zone ? non cohesive Cc & Si alt.	721.1	720
← Irregular ?perpendicular contact between D and Vs-b. 723.5	723.5	
		730
	740	740
751.6 ← HS 627695		750
Contact at ~80° CA	759.3	760

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EXPLORATION DIVISION

HOLE N [illegible]

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GEO. RHL

DATE 17-1-95

5 cm

DIAMOND DRILL LOG

DEPTH	DRILLING RUNS / CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	VOLCANICLASTICS FRAGMENTS COMPOSITION	FRAGMENTS MAX. SIZE (MM)	FRAGMENTS SORTING	FRAGMENTS SHAPE	MATRIX COMPOSITION	MATRIX VOLUME %	LOWER CONTACT GRADATION	LOWER CONTACT STYLE	VESICLES CONCENTRATION	VESICLES MAX. SIZE (MM)	VESICLES SHAPE	ALTERATION TEXTURE	ALTERATION INTENSITY	ALTERATION MINERALOGY	VEINING INTENSITY	VEINING MAX. WIDTH (MM)	VEINING MINERALOGY	MINERALISATION TEXTURE	MINERALISATION MINERALOGY & CONTENTS	FAULTS POSITION OF BASE	FAULTS DOWNHOLE WIDTH (CM)	FAULTS CORE AXIS ANGLE	FAULTS GOUGE	FOLIATION TYPE	FOLIATION CORE AXIS ANGLE	WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
760		↓ 153															P	1	Se						762.6	5	20	Rbx					Unit from 759.7m – EOH is a strongly porphyritic probably sub-volcanic Andesite with extremely heterogeneous texture due to diverse alteration styles. Minor hydrothermal breccia zones.		760
762																																		763.8	
764																																			
766		154															P	2	Se														766.1m HS627696		
768																																			
770		155																							770.2	30	20	Au							770
772																																		772.5	
774																																			
776		156															P	5	Si Py				Ds	Py 3									777m HS627697		
778																																			
780		157		Fdp A l-por																														781.8	780
782																																			
784																																			
786		158																																	
788																	P	2	Si Py				Ds	Py 1											
790																																			790
792		159																																	
794																																	793.7m HS627698	794.2	
796		160															P	6	Si Py				Ds	Py 3	795.1	30	–	Rb Po						796.1	
798																	P	3	Si Py				Ds	Py 1									Pervasively altered zones have very even texture & abd Fol phenocrysts – blocks xVs 797.2m HS627699	798	
800																																			800

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EXPLORATION DIVISION

HOLE NO. NC

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GEO. RHZ

DATE 17-1-95

5 cm

DIAMOND DRILL LOG

DRILLING			LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION		WEATHERING	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
				VOLCANICLASTICS						LOWER CONTACT																								
				FRAGMENTS				MATRIX																										
DEPTH	DRILLING RUBS CORE LOSS	CORE TRAY NO.	STRATIGRAPHY	ROCK TYPE	COLOUR	COMPOSITION	MAX. SIZE (MM)	SORTING	SHAPE	COMPOSITION	VOLUME %	GRADATION	STYLE	CONCENTRATION	MAX. SIZE (MM)	SHAPE	TEXTURE	INTENSITY	MINERALOGY	INTENSITY	MAX. WIDTH (MM)	MINERALOGY	TEXTURE	MINERALOGY & CONTENTS	POSITION OF BASE	DOWNHOLE WIDTH (CM)	CORE AXIS ANGLE	GOUGE	TYPE	CORE AXIS ANGLE					SAMPLE NO.	DEPTH
800																																	801.3m HS 627700		800
801		161															Pat	5	Si Py				Ds	Py 2											
804																	804.9						804.9											804.9	
806																																			
808		162															P	5	Se Si Py				Ds Vn	Py 3 Py 1											
810																	810.1						810.1		810.1	530	<10	52						810.1	810
812		163															Pat 811.1	5	Si																
																	811.6F	8	Si																
814				Fdp Al-por																			Vn	Py 1											
816		164																																	
818																	818						818											818	
																	P 819.3	4	Si Py				Ds 819.3	Py 3										819.3	
820		165																																	820
822																																			
824																	Pat	3	Si Se				Vn	Py 1											
826		166																																	
828																	829						829												
830		167	829.8														P	2	Si Se															829.8	830
				Eo H																														Eo H	

Andesite has scaly pseudo-clastic texture due to patchy alteration.

Very Patchy and impersistent Si alt. Py core in small veinlets on margin of Si nodules.

823.9m HS627988

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