Aberfoyle Resources Limited

EXPLORATION DIVISION

HOLE No. TC 004

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GEO. RS

DATE 20-10-93

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
2		TRAY 1	LTGr	A-xtal lithic vlcl	Grn	BkSh Gr.A.l PkSi Pumice	15 10 20 20 long	1 W P P	sA SR sR A	FdPk FdWh	25-30 10-15						P	2	CL & Sa				Ds DsPat DsNo	Py 1% Sp 1-2% Mat 3-5										xtal supported vlcl. Fd generally angular & occasionally tabular Note: highly magnetic Fd Pk & Wh	10.9 11.9 12.9	
1																	1.6			1	30	SiCaCl ± RuGa			1.6	100	P	CLRu	Fol	45				13.9	
																	P	3	CLSe															Becoming increasingly clast rich	14.9	
6		TRAY 2																							3.3	20	45	Ru							15.0	
8																																		Fiamme present - wispy elongate PaSeCl ± magnetite altered. Pseudo eutaxitic texture chlorite magnetite alteration associated in matrix	16.0 17.0 18.0	
10																																		lithics increasing in size & abundance fiamme max 15% modal and up to 20 cm max size Possible biaxial grading	19.0 20.0	
12		TRAY 3	12.65									60	F												12.65	50		Ru						12.15	21.0 22.0 12.65	
14				A crystal lithic vlcl	Grn	Rh Sh R-l Fiamme	10 10 15	P	A sR-R A-SA	WhFd PkFd	45 5-8						P Pat	3 1-2	CLSe SiCL				Ds DsNo DsPat	Py 1% Sph 2-3% Mat 5-7%										Significant decrease in PkFd xtal supported Fd interlocking & euhedral to broken angular	22.9 23.9 24.9	
16		TRAY 4	16.25									35	F												16.25	125	P	RuCLSi						16.25	25.9	
18				A/a crystal vlcl.	Grn					WhFd Glt	40-45 10%						P	3	CLSe Mat				Ds Ds DsPat	Py 2% Sph 1-2% Mat 3-5			18.25	50		RuSiCl + Pyrite				Magnetite occurrence dominantly in mtx & chlorite alteration also occurs as grains in Fd's Very minor lithic component	27.6 28.6 29.7	
20																																				

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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 (cm)	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
20													Gdd	F												21.3	9		NG/Sand								
																		21.5								21.5	10	45	Vld Fol						21.5	21.5
22			TRAY 5		A crystal lithic vitl mas	Grn/ Cm PL	Alt Sh Fiamme Qz Ph tuff 0.1-1	15 Chlorite 2.0 2.0		sA A-SA sR	Wh Fel Qz Pk Fel	30-40 20-25 5-10%						P Pot	2 2	CL Se Alt Si				Ds Ds Ds	Sph 1-2% Py 1-2% Mgt 3-4%										Patchy zones of Alt S altered material		
																																		Disseminated Mgt & Cl alt mtx = hydrothermal product	22.5	
24																																		Blocky FeTi ovides in clasts & Fel ⇒ Relict? Primary	23.9	
																										24.3			Vld Qz					Patchy alteration AlSi zones may be altered clasts.	25.0	
26																																			26.0	
																																			27.0	
28																														Fol	50°				28	
			TRAY 6																																29.3	
30																																			30.5	
32																										31.9	50		Vld Qz						32.0	
																																			33.0	
34																																			34.0	
			TRAY 7																							35.1	18	45	Vld Cl Ru						35.0	
36																																			36.0	
																																			37.0	
38																																			38.0	
																																			39.0	
40																																			40.0	

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DIAMOND DRILL LOG

DRILLING			LITHOLOGY										VESICLES			ALTERATION			VEINING			MINERALISATION		FAULTS				FOLIATION					
						VOLCANICLASTICS						LOWER CONTACT																					
						FRAGMENTS				MATRIX																							
DEPTH	DRILLING RUNS 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	STANDARD COLOUR LOG	REMARKS	SAMPLE NO.	DEPTH
42		TRAY 03																															Massive: No bedding or foliation indication	41 42 43 44 45 46 47 48 49 50.2	
46																									47.2	5		Vkl Pu							
50		TRAY 9		50.2 EOH																															

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