

APPENDIX C- TRL001 Drill Log

AVEBURY LITHOLOGY SUMMARY LOG

Hole ID: TRL001

Project: ATA

Prospect: THB

DrillCompany: BLY



Northing: 5356620.0 mN **Dip:** -45.00
Easting: 349695.0 mE **MAG Azim:**
RL: 107.3 mRL **UTM Azim:** 13.00
CoordSys: MGA55 (GDA94) **Total Depth:** 205.9 m

Strat	Colour & Shade	Other Qual	Prim Qual	Lith	Lithology Hatch	Alteration	Min	Summary	Sample_ID	Depth From	Pb pct	Zn pct	Cu pct	Ag ppm	Au ppm
	ORA			CLA	[Hatch]										
	BRN	whl,fri		CLA	[Hatch]		cy go	Weathered clay; some minor organics at top. Quite a bit of "core" loss as expected.							
	BRN	wmd,fri,mes		SSL	[Hatch]			Weathered clay to friable rock; what looks to be Mn oxide on weathered joints. Some core loss..BOW							
	GRY	wsl,mes,mes		SSL	[Hatch]	ch fl do	AF AF AF	ch do	Generally friable weathered siltstone. Most joints are oxidised; BOO						
										D1394603	38.2				
										D1394604	38.9				
	Csu	GRN	dyk,mes,mes	KSE	[Hatch]	ac do ep	AF AF AF	ac po	Generally fresh; fine grained siltstone; minor joint oxidation, pseudo-brecciated texture due to strong alteration. Trace sp/ga and py/po in small veinlets. Deleted Min3 = fl; Min3_pct = 10 and Min3_Mode = AF	D1394605	39.9				
										D1394606	40.9				
										D1394607	41.9				
										D1394608	42.9				
										D1394609	43.9				
										D1394610	44.9				
										D1394611	45.9				
	WHT	sil,fgr,bnd	mes	SSL	[Hatch]	si do ac	AF VF	si do	Skarned ultramafic (probably a peridotite) dyke. Strongly Actinolite/tremolite/diopside/epidote altered. Disseminated sulphides throughout include trace disseminated po/py+/pe with minor trace cp.	D1394612	46.9				
										D1394613	47.9				
										D1394614	48.8				
										D1394615	49.3				

Adinolite/Tremolite Chlorite	Horribled Porphyry	Quartzite	Limestone	Dacite
Breccia - Undifferentiated	Orthopyroxene	Schist	Shale	Mafic flow
Fault Zone	Pyroxene	Serpentine	Siltstone	Mafic Volcaniclastic
Vein Breccia	Peridotite	Massive sulphide	Chert	Rhyolite
Vein Amphibole - eg chrysotile, tremolite	Undifferentiated Mafic Intrusive	Semi-massive Sulphides	Greywacke	Volcanic Breccia
Vein calcite	Undifferentiated Ultramafic	Silica-sulfide zone	Sandstone	Core loss
Vein quartz	Skarn (Undifferentiated)	Clay	Conglomerate	Other - Bad Fil, Duckwaded Material
Quartz Carbonate Vein	Amphibole Skarn	Gneiss	Interbedded sandstone/siltstone	Unknown
Dolerite	Serpentine Skarn	Clay	Andesite	
Gabbro	Horrfels	Basalt	Basalt	
Granite	Metamorphosed Calc Silicate Rock	Soil	Basaltic Andesite	

Background
Elevated
Anomalous
Strongly anomalous
Weakly mineralized
Mineralized
Ore

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Strat	Colour & Shade	Other Qual	Prim Qual	Lith	Lithology Hatch	Alteration	Min	Summary	Sample_ID	Depth From	Pb pct	Zn pct	Cu pct	Ag ppm	Au ppm
	WHT	sil, fgr, bnd	mes	SSL	[Hatch]	si do ac	AF VF VF	si do		D1394615	49.3				
Csu	GRN WHT	dyk, mas, mes sil, tbd, mes		KSE SSL	[Hatch]			ac do si do	Fine grained siltstone. pseudo-brecciated texture due to strong si-do +/- ep-gt alteration. Some small patches still exhibit relict thinly laminated bedding. Trace sp/pa and py/po in small veinlets. Small ultramafic dyke. Strongly si-ac-do +/- biotite altered with no relict textures. Disseminated to blebby sulphide; probably po with possible minor pe. Contacts are sharp.	D1394616 D1394618 D1394619	57.3 57.5 58.5				
	GRY	sil, tbd		SSL	[Hatch]			ph py	Fine grained laminated siltstone/shale. pseudo-brecciated texture due to strong si-do +/- ep-gt alteration (tends to be vein controlled) py/po in small si-ac veinlets. Rare trace sph.						
						ac do po	VF VF D			D1394620 D1394621 D1394622	80.9 81.2 82.2				
						ac do po	VF VF D			D1394623	84.7				
Csu	GRN BRN	dyk, mas sil, tbd		MSE SSL	[Hatch]	ch mt py ph do	VF D D VF VF	ch mt ph py	Fine grained laminated; sometimes deformed; siltstone/shale. Weakly phlogopite altered with areas of vein/small dyke controlled ac-do +/- po alteration. Disseminated fine/medium grained py throughout. Small ultramafic serpentinised dyke. Strongly ch-mt-py altered with white qtz-carb veining. Disseminated to blebby magnetite and py.	D1394624	90.9				

Mineralisation			
[Background]	[Elevated]	[Anomalous]	[Strongly anomalous]
[Weakly mineralised]	[Mineralised]	[One]	

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	GRY	sil,tbd,bnd		SSL		ph py py V M DF	py po	Weakly banded siltstone; weakly phlogopite altered. Disseminated py throughout with some weakly banded/disseminated po. Massive to weakly banded dark siltstone. Strong irregular qtz-carb-py veining throughout. Chlorite? Altered siltstone breccia; disseminated py/po throughout; can be locally abundant. 1cm bleb of bright purple fluorite at 154m. Highly altered chi-epidote-py siltstone. No relict texture left. Disseminated to massive py with common large (upto 10mm) hexagonal marcasite (high temp py)	D1394634	149.7						
	BLK	sil,mas		SSL					D1394635	150.7						
	GRY	sil,bxd		SSL			py fi		D1394637	153.1						
	GRN	sil,mot	cgr	SSL			py mc		D1394638	153.9						
	BRN	sil,fr		SSL			py po		D1394639	154.6						
									D1394641	155.5						
									D1394642	156.4						
						ac do po	VF VF D		D1394643	165.5						
									D1394644	166.7						
						ac do po ph sp	VF VF D AF AF		D1394645	176.4						

Adinite/Tremolite Chlorite	Horstblend Porphyry	Quartzite	Limestone	Dacite
Breccia - Undifferentiated	Orthopyroxene	Schist	Siltstone	Shale
Fault Zone	Pyroxene	Serpentine	Siltstone	Mafic flow
Vein Breccia	Peridotite	Massive sulphide	Chert	Mafic Volcaniclastic
Vein Breccia - ag chrysotile, tremolite	Undifferentiated Mafic Intrusive	Semi-massive Sulphides	Greywacke	Rhyolite
Vein calcite	Undifferentiated Ultramafic	Silica-cryolite zone	Sandstone	Volcanic Breccia
Vein quartz	Skarn (Undifferentiated)	Quartz	Conglomerate	Core loss
Quartz Carbonate Vein	Amphibole Skarn	Clay	Interbedded sandstone/siltstone	Other - Bad Fill, Excavated Material
Dolerite	Serpentine Skarn	Gypsum	Andesite	Unknown
Gabbro	Hornfels	Soil	Basalt	
Granite	Metamorphosed Calc Silicate Rock		Basaltic Andesite	

