

ELECTROLYTIC ZINC CO. OF A'ASIA LTD.
ROSEBERY - TASMANIA

DIAMOND DRILL CORE RECORD

01
HOLE No. (3-7) DP 4 p. 1. 3

LOCATION
OBJECTIVE "Bored from same point and in same direction as DP 2 bore at -35° to intersect pyritic formation and slates to obtain information as to dip.
RESULT Intersected possible footwall ~~alteration~~ alteration, then interbedded pyritic tuffs, sandstones, shale (Host rocks?) and thin black slate.

TOTAL DEPTH 330'
HOLE SIZE EX
COMMENCED 11-11-1942
COMPLETED 30-11-1942
LOGGED BY T. Lee April 1983

03			02		
8-12 Footage	13-16 Direction	17-18-21 Dip.	8-12 Footage	13-16 Direction	17-18-21 Dip.
0		-35°			
100		-29°			
200		-27°			
300		-22°			

ORE DIP. (8-11)
COLLAR DIP. (12-15) -35°
DIRECTION (16-19)
R.L. (20-23)
CO-ORDS. 5372 183N 379 365E.
LOCATION

FOOTAGE		ROCK DESCRIPTION	MINERALISATION	04										CORE REC'D			
FROM	TO			SAMPLE No.	8-13 FROM	14-19 TO	CORE REC'D	ASSAY DATA							RUN	SHORT	
								Sample Length	20-25 Pb%	26-31 Zn%	32-37 Cu%	38-43 Ag - g/t	44-49 Au - g/t	50-55 Fe%			
0'	130'	<u>Rhyolite Lava.</u> 0-42' Grey massive f-mg flow brecciated flow brecciated rhyolite, veinlets chlorite. 42'-112' Pale grey massive rhyolite, vein's chlorite, carbonate 112'-130' Grey and cream, massive, flow-brecciated rhyolite; chloritized but with & unaltered patches being boulders(?).	0-130' Trace py.														
130	140'6"	No Core - "Very soft ground."															
140'6"	161'	<u>Quartz-sericite schist.</u> Pale green, strongly cleaved mg weak quartz auger quartz-sericite schist, possible relict kyanite. 142-143 4" recovered * Hole caved at 144'9". Cemented back to 110', rebored. 159-161 Mineralized quartz-sericite schist	142-143' Strongly mineralised sp-gr-py. 143-159 Diss py 1-2% minor sp. Veinlets q, sp gr. 159-161 Diss sp 8-10%.														
161	195'	<u>Lithic Wacke.</u> Grey, cleaved, f-mg, lithic and quartz-feldspathic wacke.															

FOOTAGE		ROCK DESCRIPTION	MINERALISATION	SAMPLE No.	8-13 FROM	14-19 TO	CORE REC'D	ASSAY DATA						CORE REC'D	
FROM	TO							Sample Length	20-25 Pb%	26-31 Zn%	32-37 Cu%	38-43 Ag - g/t	44-49 Au - g/t	50-55 Fe%	RUN
		170-171' Mineralized - bands massive P.g. py and carbonate.	170-171' Bands P.g. py ~ 40%.		Core Angles										
		171-175' e.g. felsic and py frags	At 171', 2" massive sp.		141'	64°	C								
		175-178'6" Semi-massive blebby carbonate (after Feldspar?) with py bands and clasts.	171-175' 5% py as clasts.		157'	75°	C								
		178'6" - 189' Cream, weakly cleaved mg. weakly carbonated felsic lithic wacke, minor py clasts, and felsic fragments to 2cm	At 175', 1" msv P.g. py.		181'	75°	C								
		189'-195' Pale grey, cleaved, P-mg. quartzo-feldspathic wacke and sandstone.	At 176', 6" " " "		201'	76°	C								
		195' 215' <u>Shale.</u>	176'6" - 178'6" Semi-msv cb with bands and clasts py ~ 10%.		212'	68°	C oblique								
		195-205 Pale grey cleaved shale, with thin bands quartzo-feldspathic wacke 198'-198'6" and 202'-203'.	178'6" - 189' 2% py.		233'	65°	B								
		205-215 Dark grey cleaved laminated shale.	195-205 Diss mg po 1%		0-70°		B adj. DRAG FIELD.								
		215' 223' <u>Volcanogenic Carbonated Sandstone.</u>	215-223 Diss po 2%		236'	82°	B								
		Cream, weakly cleaved P.g. carbonate rich tuffaceous sandstone.			253'	90°	C								
		223 246 <u>Pyritic Lithic Wacke.</u>			264'	75°	B								
		223-227 Green and brown, tourmalinised lithic wacke, abundant thin q-to-py veins	227-246 Diss py 5%		285'	73°	B.								
		227-246 Speckled cream-grey, cleaved mg lithic wacke, of felsic fragments, quartz and feldspar. Minor carbonate.													

} antichinal fold axis.

FOOTAGE		ROCK DESCRIPTION	MINERALISATION	SAMPLE No.	8-13 FROM	14-19 TO	CORE REC'D	ASSAY DATA							CORE REC'D		
FROM	TO							Sample Length	20-25 Pb%	26-31 Zn%	32-37 Cu%	38-43 Ag - g/t	44-49 Au - g/t	50-55 Fe%	RUN	SHORT	
246'	252'6"	<u>Interbedded Sandstone and Shale.</u> Pale grey, cleaved, lg interbedded sands tuffaceous sandstone and shale.	246-252'6" Diss py 1g.														
252'6"	262'	251'-252'6" Laminated shale <u>Reworked Rhyolitic Crystal Lithic Tuff.</u> Cream, massive to weakly cleaved, mg. quartzo-feldspathic tuff with felsic and pyrite fragments, occasional shaly bands. Weakly carbonated.	252'6"-262' Minor py as clasts, diss, and veinlets.														
262'	266'	<u>Shale and Reworked Tuff</u> Interbedded dark grey graphitic(?) shale and feldspathic reworked tuff crystal tuff.															
266'	269'6"	<u>Tourmaline.</u> Black, f.g. bedded(?) tourmaline, and thin q-to-py veins.															
269'6"	289'	<u>Shale - Siltstone.</u> Grey, cleaved, lg. interbedded shale, siltstone and fine sandstone, often with lg. carbonate (after feldspar?).	269'6"-289' Diss py 1.														
289'	296'	<u>Black Slate - Silicified / Tourmalinized.</u> Dark grey to black, lg. lar laminated black slate with harder bands silicified or tourmalinized.															
296'	310'	<u>Crystal Lithic Tuff.</u> Grey, massive, mg. ^{rhyolitic} felsic crystal ^{lithic} tuff, with occasional black slate and siliceous fragments	296-310' Rare py.														
310'	330'	<u>Crystal Tuff</u> Blk grey, massive, mg. ^{rhyolitic} quartzo-feldspathic crystal tuff, with chlorite vein breccia.															
330'	END OF HOLE.																