

ELECTROLYTIC ZINC COMPANY OF A'ASIA LTD.			DIAMOND DRILL CORE RECORD				HOLE No. <u>CHP 264</u>					
MINERAL RESOURCES DIVISION - TASMANIA							SHEET No. 1.					
PROJECT: <b>Mt. Black E.L. 1/62 - Colbrook Grid</b>			GRID CO-ORDS:		HOLE SIZE: 0-10m Tricone HQ		Depth (m)	Azimuth (°m.g.)	Dip	Depth (m)	Azimuth (°m.g.)	Dip
LOCALITY: Colebrook Grid			A.M.G. CO-ORDS: 5,371,806mN		10-98.6m NQ; 98.6-258mm BQ							
OBJECTIVE: To test airborne and ground E.M. anomalies on a regionally favourable contact for Sn mineralisation.			376,443mE		CASING: P.V.C.		102	262°	-38°			
RESULT: E.M. anomalies appear due to pyritic mudstone. Sn mineralisation is restricted to one sulphide vein returning 0.15m @ 0.65% Sn; 9.0% Zn			COLLAR R.L.: 273m		COMMENCED: 24.5.84		150	266°	-34.5°			
2.36% Pb			COLLAR DIP: -45°		COMPLETED: 31.5.84		198	267°	-31.5°			
			AZIMUTH: 270°T		LOGGED BY: I.R. McDonald		258	?229°	-29°			
			TOTAL DEPTH: 258.1m									
DEPTH		ROCK DESCRIPTION	MINERALISATION				CORE REC'D					
From	To						Run	Short				
0	10	Tricone bit. No core.					10.0					
10	19.3	Brown weathering moderately oxidised polymict. Pebble Conglomerate varies between clast supported & matrix supported. Clasts up to 60mm of pale grey siltstone, grey quartz wacke, strongly oxidised orange mudstone, quartz phyrlic felsic volcanic, and rare red, chert. Matrix is c.g. greywacke. The majority of the clasts are elongated along a foliation at 45°. Grey cherty clasts increase downwards. Lower contact broken manganese stained core.					11.8	1.2				
19.3	20.3	Interbedded Conglomerate as above and buff to orange weakly laminated Quartz Lithic Sandstone and Siltstone, Laminations at 65°					12.4					
		19.3-19.6 Lam. Sandstone/Siltstone					31.8					
		19.6-19.95 Conglomerate					33.5	1.2				
		19.95-20.1 Lam. Sandstone/Siltstone					34.2	0.3				
		20.1-20.3 Conglomerate					36.0	0.8				
		Lower contact broken core.					38.3	1.2				
							40.0	0.7				
							40.6					
							43.0	1.3				
20.3	21.9	Pale orange moderately oxidised f.g. (quartz) Lithic Arenite and minor Siltstone. Weak bedding 35-55°. Core fairly broken. Lower contact broken core but appears gradational.					45.8	0.9				
21.9	23.5	Moderately oxidised f.g. Arenite as above with thin slumped interbeds of m.g Lithic Wacke. Weak bedding 35° Manganese staining on broken surfaces. Contacts broken core.					46.8	0.35				
23.5	27.1	Pale brownish green, weak to moderately oxidised Reworked Felsic Tuff with c.g. quartz xenoclasts. In places clasts become dominant and form conglomerate bands. Possible debris-flow deposit. Weak banding/bedding 20-35°					49.8					
		24.1-24.6 Core very broken with ?quartz veins or ?boundinaged quartzite clasts in a conglomerate unit.					51.0	0.5				
		25.3-25.5 Matrix supported Conglomerate. Clasts of quartzite and lithic sandstone in a tuffaceous wacke matrix.					53.7	2.3				
		26.0-26.25 Conglomerate unit with strong manganese staining.					55.0	0.3				
		Lower contact broken core.					57.4	0.1				
27.1	27.3	Greenish weakly to moderately oxidised, polymict, granule to pebble Conglomerate. Lower contact 35°					58.0	0.2				
27.3	28.0	Graded unit? Brown weathering, weakly to moderately oxidised mg Quartz Wacke passes down into a matrix supported Quartz Ganule Conglomerate. Clasts are elongated along foliation (?bedding) at 35°					60.2	0.1				
28.0	29.1	Reworked Tuff or tuffaceous wacke similar to 23.5-27.1 Weak bedding 35°					61.2	0.1				
		28.05-28.4 Brown very strongly oxidised Iron and manganese oxide stained.					61.5					
		28.6-28.9 More conglomeratic section with larger and more abundant quartz xenocrysts.					62.7	0.1				
		Lower contact broken core.					63.4	0.1				
							65.0	0.2				
							66.0	0.1				
							69.1					
							69.8	0.1				
							70.6	0.1				
							71.7					
							72.7	0.2				
							82.1					
							83.5	0.4				
							84.3					
							85.9	1.1				
							87.6	0.1				
							133.0					
							134.6	0.2				
							258.1					

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