

ELECTROLYTIC ZINC COMPANY OF A'ASIA LTD.
MINERAL RESOURCES DIVISION - TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No. CHP 263
SHEET No. 4

DEPTH		ROCK DESCRIPTION	MINERALISATION	CORE REC'D	
From	To			Run	Short
147.6	149.0	Strongly brecciated and carbonate veined. Dark grey Mudstone/Siltstone. Carbonate veins about 50% of rock and carbonate replaces some of the coarser grained rock matrix.			
149.0	149.7	Dark grey to black Mudstone/Siltstone. Sheared with cleavage at 20°. Graphite occurs on cleavage surfaces. Carbonate as thin veinlets and fractured clots. Lower contact gradational.			
149.7	150.8	Grey f-mg Impure Limestone and interbedded dark grey Siltstone. Bedding 25°. Thin carbonate veins.			
150.8	151.0	Massive Carbonate-Quartz vein. Contacts irregular.			
151.0	153.3	Slump Breccia. Black Mudstone and grey fg Wacke. Weakly sheared at about 20° with thin carbonate veinlets and clots. Lower contact gradational.	Traces disseminated Pyrite. Upto 5% in small patches.		
153.3	155.7	Grey f-mg Quartz Wacke. Rare thin carbonate and quartz veins. Lower contact irregular 55°			
155.7	157.2	Breccia Zone. Black Mudstone and minor Sandstone. Quartz veinlets and fractured clasts.	2% disseminated pyrite. Locally more abundant. In places pyrite replaces clasts.		
157.2	160.8	Weakly sheared and brecciated black Mudstone and fg Sandstone. Thin carbonate veins and clots throughout. Graphite films on some cleavage surfaces. Lower contact gradational.			
160.8	168.3	Dark grey to black laminated Siltstone/Mudstone with lesser amounts of thinly interbedded grey f-mg Quartz Wacke and Quartz Arenite. Graphitic films on some mudstone partings. Facing evidence is equivocal, but, on balance, poor examples of grading, flames, scour and fill and cross bedding favour up-hole facing. 160.8-162.2 Slump breccia textures. 162.2-165.2 Bedding regular 55° 164.4-164.65 Massive unit of Quartz Wacke at 55° 165.2-168.3 Core bedding angle gradually decreases from 50 to 20°. Cleavage intensifies and parallels bedding at 15-20°. Possible transposition of bedding into cleavage. Lower contact gradational.	Rare thin beds of v. fg syngenetic Pyrite. Locally Pyrite is 50% over 20mm intervals. Average pyrite content over whole unit is about 1%		
168.3	184.7	Black Mudstone/Siltstone with rare slump brecciated interbeds of fg Wacke. Cleavage variable in intensity, generally 20° 178.0-178.2 Broken core and stronger cleavage. 178.8-179.0 " " 184.0-184.1 " " 184.5-184.7 Strongly cleaved and broken core with pyrite.	1% Pyrite on average but can be locally 5% as fg disseminations and films on cleavage surfaces. 5% cg Pyrite.		
184.7	185.1	Black Siltstone with thick Quartz-Carbonate veins. Veins 35% of rock. Lower contact irregular.	1% cg Pyrite associated with veins.		
185.1	185.65	Breccia. Slumped contorted beds and blocks of yellowish grey fg Wacke, pale yellow Mudstone, pale grey cherty Siltstone and black Mudstone with thin carbonate veins.. Lower contact sharp 60°			
185.65	185.85	Black Siltstone/Mudstone with wispy slumped clasts of fg Wacke. Lower contact irregular about 15°	Pyrite 3% replacing some wacke clasts.		
185.85	187.0	Pale greenish yellow Mudstone stockworked by thin (1mm) carbonate veinlets. 185.85-186.1 Brecciated with deep green mineral forming matrix in places. Possibly fuchsite but may be a more normal chlorite. 186.9-187.0 Breccia with green mineral as above. Lower contact irregular.	Less than 1% fg pyrite associated with veinlets.		