052

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

DIAMOND DRILL CORE RECORD

01 HOLE No. (3-7) DCP 235 1 of 9

LOCATION: Mt. Black E.L. 1/62 – Dobsons Creek Grid

OBJECTIVE: To test a coincident gradient array I.P. anomaly and Pb-Zn soil geochemical anomaly.

RESULT: I.P. anomaly is due to pyritic, carbonaceous shale. Geochemistry due to weak sulphides in carbonate veins on a fault plane.

TOTAL DEPTH 161.4m
HOLE SIZE 0–30m NQ; 30–161.4m BQ
COMMENCED 22.2.'82
COMPLETED 20.3.'82
LOGGED BY I.R. McDonald

03

8-12 Depth	13-16 Direction	17-18-21 Dip.	8-12 Depth	13-16 Direction	17-18-21 Dip.
35m	320°	-46°	)		
77m	324°	-46.5°	) A.M.G.		
119m	327.5°	-46°	)		
161m	331°	-44°	)		

02
ORE DIP. (6-11)
COLLAR DIP. (12-15) -45°
DIRECTION (16-19) 322° AMG
R.L. (20-23) 732m
CO-ORDS. Grid E.5305 2.455E
LOCATION 5,363,465N 376,244E

Depth(m) FROM	TO	ROCK DESCRIPTION	MINERALISATION
0	3.30	No core recovery	0–26 Limonite staining on joints No sulphide textures. 26.0m is approximate base of weak oxidation
3.30	5.00	Grey weakly thin bedded siltstone and minor fine grained volcanicalstic wacke. Bedding at 55° mostly 3.3–4.1m. Variable oxidation outlines possible ?slump breccia texture 4.1 to 5.0m. Cleavage weak; moderate in more shaley fragments at 35°. Core moderately broken.	
5.00	5.85	Grey medium grained reworked lithic, crystal tuff of Acid composition with abundant 0.5mm chloritic shale fragments. Bedding absent. Moderate to strong jointing at 15° & 30°.	
5.85	6.80	Dark grey massive Siltstone. Oxidisation along joint sets gives core a blocky brecciated appearance.	
6.80	8.60	Pale greenish buff, moderately oxidised, medium grained, reworked, lithic, crystal acid tuff, with rolled quartz and feldspar phenocrysts and chloritic shale liths. Contains thin (20mm) interbeds ?or large fragments of grey Siltstone. ?Bedding at 50°	
8.60	10.4	Zone of moderately broken core. Strong jointing at 10° and 40°. ?Interbedded grey siltstone and fine grained reworked acid tuff as per above.	
10.4	13.1	Dominantly medium grained reworked lithic crystal tuff as above with minor siltstone ?interbeds. Weak grading in the tuff suggests up-hole (ie east) facing. Strong jointing still prominent. Sharp lower contact at 45°	

04

SAMPLE No.	8-13 FROM	14-19 TO	CORE REC'D	Sample Length	20-25 Cu	26-31 Pb	32-37 Zn	38-43 Ag	44-49 Fe%	50-55 Mn
45614G	0	5	1.60	5.0	150	595	1400	2.0	5.15	580
615	5.0	5.85	0.85	0.85	140	180	770	0.5	5.50	990
616	5.85	6.80	0.95	0.95	115	195	650	0.5	5.75	715
617	6.80	8.60	1.65	1.80	75	115	560	1.0	4.75	850
618	8.60	10.40	1.80	1.80	105	65	390	0.5	5.95	835
619	10.40	13.10	2.70	2.70	110	150	510	0.5	5.10	975
45620	13.10	17.80	4.70	4.70	85	90	420	0.5	5.60	820
621	17.80	22.0	4.20	4.20	100	75	375	X	5.70	590
622	22.0	25.0	3.0	3.0	105	135	480	0.5	5.90	600
623	25.0	28.0	3.0	3.0	100	155	525	1.0	5.60	765
624	28.0	30.45	2.10	2.45	80	30	440	X	5.30	1500
625	30.45	34.0	3.55	3.55	80	185	700	1.0	4.80	910
626	34.0	37.0	3.0	3.0	90	205	540	0.5	4.95	950
627	37.0	40.30	3.30	3.30	70	70	280	0.5	5.05	940
628	40.30	42.90	2.60	2.60	80	35	150	0.5	5.50	650
629	42.90	46.80	3.90	3.90	95	30	220	0.5	5.30	890
45630	46.80	49.10	2.20	2.30	120	40	410	0.5	5.40	970
631	49.10	52.80	3.70	3.70	100	285	620	1.0	5.50	970
632	52.80	54.30	1.50	1.50	80	2350	2350	2.0	4.80	925
633	54.30	57.0	2.70	2.70	90	2050	2350	3.0	2.80	760
634G	57.0	60.0	3.0	3.0	75	190	320	1.0	2.90	660
45635	60.0	61.0	1.0	1.0	70	390	1200	1.0	3.70	1400
636	61.0	62.0	1.0	1.0	110	335	735	0.5	2.75	770
637	62.0	62.80	0.80	0.80	65	70	170	1.0	3.50	575
638	62.80	63.10	0.30	0.30	60	20	150	x	3.50	680
639	63.10	63.40	0.30	0.30	60	15	65	x	3.20	890
640	63.40	64.0	0.60	0.60	70	85	160	1.0	3.45	725
641	64.0	65.0	1.0	1.0	95	135	100	1.5	2.6	550
642	65.0	66.0	1.0	1.0	100	80	105	1.5	3.25	1350
643	66.0	67.0	1.0	1.0	115	353	700	1.0	2.90	690
644	67.0	67.70	0.30	0.70	110	1.45%	2.20%	11.0	2.60	800

CORE REC'D

RUN	SHORT
4.3	3.3
5.17	0.1
5.5	6.0
7.1	
8.1	0.15
9.2	
10.7	
11.4	
12.0	
12.15	
12.75	
13.45	
14.4	
16.5	
18.0	
19.35	
20.25	
20.7	
22.15	
23.1	
24.0	
25.75	
26.55	
27.25	
30.00	0.35
30.7	
33.1	
36.25	
39.1	
39.8	
41.35	
41.95	
44.30	
46.60	
47.45	
48.8	
49.65	0.1
52.75	

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