No. 1
Sheet

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

DIAMOND DRILL CORE RECORD

HOLE No. BBP 207

LOCATION	BULGOBAC EL 12/72 – BOCO AREA	Footage	Direction	Dip.	Footage	Direction	Dip.	COLLAR DIP.	-60°	TOTAL DEPTH	159.50m
OBJECTIVE	TO TEST THE SOURCE OF IP ANOMALY XVI	0	288°	-60°				DIRECTION	288°**	HOLE SIZE	HQ/NQ/BQ
		64.5m	285°	-60°				R.L.	360m	COMMENCED	9/11/76
RESULT		120m	271°	-52°				COORDINATES	13880 N	COMPLETED	17/1/77
		159m	289°	-54°				(BOCO GRID)	10 150 E	LOGGED BY	N.H.H.

FOOTAGE FROM	FOOTAGE TO	ROCK DESCRIPTION	MINERALISATION	SAMPLE NO.	FROM	TO	CORE REC'D	ASSAY DATA (ppm) Pb	Zn	Cu	Ag	As	Fe%	S%	CORE REC'D RUN	CORE REC'D SHORT
0	22m	Rubble and fragments of glacial	0–48m No appreciable	CHIP SAMPLES											0.0	5
		boulders	sulphides												6.0	0.5
	22m	Fine sands and varved clays		11172	48	51.5	3.5	75	125	T	X		2.0	1.9	7.0	5.5
		(Fluvioglacials)													13.0	6.8
23.4	44.3m	Minor rubble (Glacial)	48–51.5m development	11140	59.3	65.3	6.0	100	275	25			1.8	1.22	20.3	2.0
44.3	48m	Clay probably deeply weathered rock	of Py in silicified fractures	11141	65.3	71.3	6.0	50	325	25	2.5		5.2	2.6	23.3	5.9
			; Locally patches of	11142	71.3	77.6	5.2	75	525	50			2.6	2.17	29.3	14.9
48	51.5m	fg grey very siliceous rock (?Tuffaceous)	Diss. fg Py in rock	11143	77.6	83.3	5.8	350	2550	125			4.1	2.69	44.3	3.2
		with numerous silicified veins (showing	(2–5%Py)	11144	83.3	89.3	6.0	50	175	25			1.8	0.98	48.0	-
		noticable silicification around veins)		11145	89.3	95.3	4.8	125	325	25		7	1.9	1.37	49.6	-
51.5	58m	Sheared grey/green fg to lapilli	51.5 – 74.2 Py throughout												51.15	-
		size; highly siliceous tuff (fragmental)	Generally associated with	11149	108.6	115.3	6.7	200	950	75	2.5	9.5	2.1	1.66	51.7	-
		with patchy zones of sericite.	Fractures; some diss. Py												53.3	-
58	61.2m	As above; slightly less sericite	at 60.5 – 62m (< 1% Py)	11152	124.6	131.3	6.7	100	275	25		9	2.5	1.99	56.3	-
		and with albertized patches, giving		11153	131.3	137.3	6.0	3500	1.55%	1700		160	7.0	7.57	59.0	-
		the rock a blotchy pink appearance.		11154	137.3	144.5	7.2	225	600	25		11	2.6	2.68	62.1	-
		Numerous quartz veins		11175	137.3	144.5	7.2	250	800	T	X		2.1	2.0	65.2	-
61.2	71.9m	Grey/green fg siliceous (tuff)	CORE ANGLES	11176	144.5	152.3	7.8	150	350	25	X		2.9	2.0	66.3	-
		locally highly sheared &/or cg;	48.5 m (cleavage) 65°												71.3	0.5
		patchy development of sericite	50.2 m (cleavage) 40°												72.8	-
		in most sheared sections. Locally	50.5 m veining 30°												74.3	0.2
		quartz veined.	54 m shearing 60°					rest of assays see over!							75.2	-
			57.4 m shearing 65°												77.7	-
		FOOTAGE CORE SIZE	65.6 m shearing 70°					T = Trace							79.2	-
		0–13 m HQ	68.8 m shearing 60°					X = Below detection limit							82.2	-
		13–51.7 m : 49–51 m NQ													85.2	-
		51.7–91.2 m : 159.5 m BQ													88.3	0.2
															91.2	

** BOCO GRID DIRECTION

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71.9	72.4m	Deeply leached and fractured rock	74.2 - 81m only minor Py														
		(sericitic siliceous tuff)	associated with fractures (<1%)														
72.4	74.2m	Grey fg very siliceous (tuff)															
		locally highly fractured.	81 - 91.2m local concentration														
74.2	91.2m	Sheared patchy green - grey to	of Py in stringer														
		buff - grey fg to lapilli size, tuff	type mineralization.														
		with coarse fragments (up to 5cm)	(Locally:- 2 - 5%;														
		at 76 to 77m and 88.5 to 90.3m;	throughout: - <1% Py).														
		patchily sericitic throughout;															
		locally chloritic:															
		Quartz veining throughout.	CORE ANGLES														
			71.5 m shearing 55°														
			76.6 m shearing 50°														
			79.5 m shearing 65°														
			82.5 m shearing 50°														
			88.2 m Quartz Vein 45°														
			89 m Shearing 60°														
	91.2m	Hole abandoned at 91.20m due to problems with fine sand. Hole was cemented and restarted at 49m.															

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49	52m	Grey fg very siliceous rock (? Tuffaceous) with numerous quartz veins and fractures showing noticeable silicification and alteration around veins.	49 – 52 m Py infilling fractures and minor diss. Py (2-5% Py) 52 – 92.3 m minor Py associated with fraturing. (<1% Py).											49.0	0.3
52	56.7m	Sheared fg grey/green siliceous sericitic (Tuff) patchy zones of intense sericite; some quartz veins and silicification.	CORE ANGLES 51.0 m Qtz. Veining 55° 53.5 m Shearing 45° 54.8 m Shearing 55° 58.8 m Apparent Contact 20° (Sheared fg tuff/Alb. xt Tuff) 60.8m Shearing 55° 64.0 m Shearing 60° 67.2 m Shearing 60° 70.5 m Shearing 50° 73.6 m Shearing 45° 75.0 m Shearing 55° 78.2 m Shearing 50° 83.0 m Shearing 45° 93.5 m Shearing 50° 98.3 m Shearing 45° 104.2 m Shearing 50° 112.3 m Shearing 55°											51.0	–
														53.3	–
														56.3	–
														59.3	–
														62.3	–
														65.3	–
														68.3	–
														71.3	–
														74.3	–
56.7	60.5m	(Interbedded) sheared grey/green siliceous sericitic tuff and (Pinkish) albertized fg tuff; locally crystal rich; Numerous quartz veins and associated silicification.												77.3	–
														80.3	–
														83.3	–
														89.3	–
														92.3	–
														95.3	–
														98.3	–
60.5	69m	Sheared fg grey/green highly siliceous sericitic tuff; patchy development of intense sericite.												101.3	–
														104.3	–
														107.3	–
														110.3	–
														113.3	–
69	74.2m	Sheared grey/green siliceous sericitic fragmental (lithic tuff) with fragments up to 6 cm; patchy development of sericite (particullarly in fg sections).												116.3	–
														119.3	–
														122.3	–
														125.3	–
														128.3	–
														131.3	–
														134.3	–
														137.3	–
														140.3	–
														141.3	–

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74.2	94.6m	Sheared fg grey/green	92.3 – 141m Locally intense												141.3	–
		highly siliceous sericitic fg	stringer infilling with												144.3	0.5
		to lapilli size tuff (Generally	sulphides (mainly Py minor												149.9	0.4
		fg throughout; short section	Sp and Ga) minor diss. Py												152.3	0.3
		of cg 77 – 77.6m and 90 – 91.5m)													155.2	1.8
		Patchy development of sericite	92.3 – 96m minor diss. Py												158.0	0.6
		associated with shearing.	some Py in fractures (1–2% Py)												159.5	
94.6	124.5m	Sheared dark grey to grey	96 – 100.4m patches and veins													
		green fg to lapilli size	of Py associated with													
		(crystal – lithic) tuff; locally	fractures (2– 5% Py)													
		very siliceous and/or albertized	100.4 – 105.1m minor diss. Py,													
		(or pinkish stain of matrix and	some pyrite in fractures													
		feldspars) Generally showing a	(1 – 2% Py)													
		blotchy texture throughout	105.1 – 108.6m intense gash													
		probably due to shearing and	and fracture infill by													
		alteration; occassionally what	Py (5 – 10% Py)													
		appears to be very large	108.6 – 115.3m minor diss. Py	11150	116.0	121.0	4.7	100	425	T	X	5	2.8	3.09		
		fragments (I.E. 20 – 30cm)	and fracture infill (2 – 5% Py)	11151	121.0	129.6	4.6	100	275	50	2.5	8	2.9	2.95		
			115.3 – 124.5m intense Py													
		108.6 – 115.3m basic intrusive	min. Associated with													
			fracturing and qtz. veins;													
124.5	129.6m	Green/grey highly siliceous	minor Sp and Ga (10 – 15% Py)													
		fg/mg tuff; some small sections	124.6 – 129.6 m minor diss. Py													
		of 'albertized' crystal tuff at	albitized some fracture infilling (1–2% Py)													
		125.2 and 126.4; obvious silicification	129.6 – 130.9m diss. Py and													
		along fractures.	fracture infill (2–5% Py)													
129.6	130.9m	Dark green (chloritic) basic intrusive	130.9 – 133.5m minor diss.													
		with numerous blotches of a soft, apple green	Py and some gash min.	11174	131.3	137.3	6.0	125	575	T	X		2.4	2.3		
		mineral (probably secondary)	minor Sp/Ga (Py 5–10%).													
		numerous thin quartz veins.														

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130.9	151.0m	Sheared grey to grey/green fg to lapilli size (lithic crystal) tuff with some patchy 'Albertized' sections. Patchy silicification in most sheared sections.	133.5 – 141.0m diss. Py and fracture infill (Py 2-5%) 141.0 – 159.5m only minor Py (usually in fractures) (< 1% Py).												
151.0	157.3m	Grey highly siliceous – sericitic (sheared) fg tuff with some crystal tuff sections ; also obvious silicification along joints.	CORE ANGLES 129.6m contact 65° 134.0m shearing 45° 146.0m shearing 50° 147.8m shearing 65°												
157.3	157.5m	Pug zone (probably a fault zone)													
157.5	159.5m	Green/grey highly siliceous sericitic rock (probably highly sheared) somewhat cherty in appearance.													
	159.5m	End of Hole.													