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

DIAMOND DRILL CORE RECORD

HOLE No. CHP 228 1 of 3

		Metre	Direction	Dip.	Metre	Direction	Dip.
LOCATION	Mt. Black E.L. 1/62 Colebrook Hill Grid						
OBJECTIVE	To test coincident V.L.F., magnetic, and soil geochemical anomalies & to continue beneath old workings.						
RESULT	Minor Cu mineralisation intersected. No Sn mineralisation encountered.						

COLLAR DIP.	-60°
DIRECTION	90° AMG
R.L.	496.8m
COORDINATES (AMG)	5,371,717.0mN 374,997.2mE

TOTAL DEPTH	233.7m
HOLE SIZE	HQ 3.4; NQ 9.1; BQ
COMMENCED	1.4.81
COMPLETED	15.4.81
LOGGED BY	A. Mollison

FROM	TO	ROCK DESCRIPTION	MINERALISATION	SAMPLE NO.	FROM	TO	CORE REC'D	ASSAY DATA: Sample Length	Pb%	Zn%	Cu%	Ag - g/t	Au - g/t	Fe%		CORE REC'D: RUN	SHORT
0	233.7	Dark brown & Grey to green-grey hornfelsed siltst and volcanic wacke														0	
																1.4	0.1
																2.2	–
																3.4	0.1
																3.7	–
																4.4	–
																5.3	–
																11	–
																13.8	–
																16.9	–
																20	–
																23	–
																26	–
																27	–
																29	–
																33.3	–
																34.5	–
																37.2	–
																38	–
																40.6	–
																41	–
																44	–
																47	–
																48.8	
																51.2	–
																53.2	–
																54.5	–
																56	–
																59	–
																62	–
																65	–
																68	–
0	11.5	Uncommon & only weak alteration where it occurs.	0–38.6 Tr pyrrhotite, arsenopyrite, chalcopyrite & possibly oxidised pyrite as generally fine veins assoc with qtz													71	–
																74	–
																75.9	–
11.5	23.0	Nearly continuous ble green alteration of moderate strength. Alteration appears to be assoc with the more common coarser wackes	Larger vwins occur at:- 3.3m Quartz vein 23.2m Partially oxidised po, cpy & asp													76.2	–
																78.1	–
																81.2	–
		Siltstone lamellae are usually not altered														83	–
		e.g. at 13.9 and 19.5m approx 80% of core has been altered.	27.0m Po, Cpy, Asp & Py in qtz													88.3	–

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ELECTROLYTIC ZINC CO OF A'ASIA LTD
ROSEBERY TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No. CHP 228 2 of 3

FOOTAGE FROM	FOOTAGE TO	ROCK DESCRIPTION	MINERALISATION
			28.6m Oxidised Po & Cpy
23.0	37.7	Weak poorly defined chlorite - hornblende alteration occurs in about 20% of the core volume. There is no apparent association between lithology and alteration, however the unit is fairly evenly fine grained.	
37.7	61.8	Alteration to chlorite and hornblende is irregular with bands from 30mm to 0.6m. Silicification occurs throughout with quartz veins and minor carbonate. The chlorite hornblende alteration occurs in about 50% of the core and is moderate. 38-41 Minor carbonate 40.6 Sample No. 42402, Thin & polished sections 44-44.2 Quartz veins 44.7 Quartz veins 50.5-61.8 Minor carbonate 51.5 Sample No. 42403. Thin & polished sections 59.7 Quartz veins 59.9 Quartz veins	38.6-39.2 Approx 20% Po + trace cpy as alteration and/or breccia replacement. 39.2-40.3 Trace Po + Cpy as veins 40.3-40.7 Approx 20% Po + trace cpy as alteration and/or breccia replacement. 40.7-50.6 Trace Po + Cpy as veins 50.6-55 5% Po + trace Cpy as veins and alteration replacements. Trace asp as veins 55-56 Trace Po + Cpy 56-57.3 Minor Po and trace Cpy as veins and alteration replacements. Trace asp as veins 57.3-59.9 Trace Po + Cpy as veins 59.9-61.8 Trace to minor Po with trace cpy and asp as veins
61.8	163	Chlorite-hornblende alteration is in irregular vague bands upto 1m long. About 20% of the core is altered. Recrystalised hornblende, in veins, within the altered bands occurs occasionally throughout the unit. The recrystelisation is commonly associated with quartz veining and leaching of the surrounding chlorite-hornblende alteration Recrystalised hornblende veins at:- 72.0, 79.6, 101.2, 103.2, 115.1, 115.4, 118.4, 119.4, 119.7, 123.2, 125.2 and 125.3m 127.5 Sample No 42404 Thin Section	61.8-64.3 Trace Po & Cpy veins 64.3-65 Minor Po and trace Cpy as veins associated with quartz. 65-163 Trace Po & Cpy occur in veins of quartz and also hornblende.

Samples marked * are SPLIT samples.
The remainder are grind samples

Sample No	From	To	Core Rec'd	Sample Length	Assay Data per ppm Pb	Zn	Cu	As	Mn	Fe%	As	Sn	CORE REC'D RUN	SHORT
													91.4	-
													94.4	-
46001	0.0	3.0	2.9	3.0	40	250	120	X	650	7.0	9	2	96.2	-
002	3.0	6.0	2.9	3.0	25	170	225	X	510	5.1	5	X	99.2	-
003	6.0	9.0	3.0	3.0	20	290	150	X	795	6.1	21	X	102.2	-
004	9.0	12.0	3.0	3.0	10	220	425	X	575	6.0	20	4	103	-
005	12.0	15.0	3.0	3.0	15	155	45	X	725	4.9	23	X	104.2	-
006	15.0	18.0	3.0	3.0	15	150	85	X	650	6.7	11	X	105.8	-
007	18.0	21.0	3.0	3.0	15	185	105	X	750	6.7	13	X	111.8	-
008	21.0	24.0	3.0	3.0	10	115	180	X	885	8.3	220	X	114.4	-
009	24.0	27.0	3.0	3.0	10	125	55	X	815	6.7	33	X	120.6	-
46010	27.0	30.0	3.0	3.0	10	150	225	X	500	4.9	400	4	123.7	-
011	30.0	33.0	3.0	3.0	15	125	35	X	690	6.1	58	2	126.8	-
012	33.0	35.0	3.0	3.0	15	155	85	X	635	5.0	50	2	128.9	-
013	36.0	37.6	1.6	1.6	15	140	35	X	685	7.7	38	12	131	-
014*	37.6	38.6	1.0	1.0	45	175	3000	0.5	1600	14.0	4	4	134	-
015*	38.6	39.2	0.6	0.6	40	215	180	X	885	5.2	74	8	137	-
016*	39.2	40.1	0.9	0.9	40	145	50	0.5	430	4.2	63	18	140	-
017*	40.1	40.7	0.6	0.6	295	745	1400	1.5	1700	6.6	26	X	143	-
018*	40.7	41.7	1.0	1.0	80	215	380	0.5	705	3.8	40	X	146	-
019	41.7	44.7	3.0	3.0	10	165	460	X	725	7.1	39	4	149	-
46020	44.7	47.7	3.0	3.0	15	110	40	X	740	5.1	77	14	152	-
021	47.7	49.6	1.9	1.9	15	135	125	X	770	4.2	65	X	155	-
022*	49.6	50.6	1.0	1.0	45	125	120	X	425	5.0	57	X	158	-
023*	50.6	51.6	1.0	1.0	25	65	890	X	570	7.3	20	X	161	-
024*	51.6	52.6	1.0	1.0	35	165	1150	X	455	7.7	32	X	164	-
025*	52.6	53.6	1.0	1.0	25	70	410	X	510	4.4	29	X	167	-
026*	53.6	54.3	1.0	1.0	25	175	2950	X	1600	4.1	93	X	170	-
027*	54.3	55.0	0.7	0.7	35	225	5500	1.5	430	9.0	100	6	173	-
028*	55.0	56.0	1.0	1.0	10	75	240	X	450	5.1	56	10	175.3	-
029*	56.0	56.7	0.7	0.7	135	315	320	0.5	565	5.0	53	X	178	-
46030*	56.7	57.6	0.6	0.6	10	140	2050	0.6	390	4.8	100	12	182	-
031*	57.3	58.3	1.0	1.0	10	80	30	X	405	6.3	100	X	182.4	-
032	58.3	59.9	1.6	1.6	15	130	365	X	355	6.9	200	14	184.4	-
033	59.9	61.8	1.9	1.9	45	285	2600	X	520	4.6	9300	X	186.8	-
034	61.8	63.3	1.5	1.5	10	130	1550	X	240	6.2	670	4	189.2	-
035*	63.3	64.3	1.0	1.0	20	45	615	X	270	4.0	100	X	191	-
036*	64.3	65.0	0.7	0.7	20	145	3500	X	475	7.6	1500	X	192.9	-
037*	65.0	66.0	1.0	1.0	15	95	315	X	430	6.6	700	4	194.1	-
038	66.0	69.0	3.0	3.0	10	160	250	X	390	6.7	370	X	196.4	-
039	69.0	72.0	3.0	3.0	20	140	170	X	415	5.0	2400	X	200.4	-
46040	72.0	75.0	3.0	3.0	15	105	295	X	465	5.9	260	X	201.8	-
041	75.0	78.0	3.0	3.0	10	100	60	X	465	6.1	240	2	204.6	
042	78.0	81.0	3.0	3.0	15	120	170	X	590	7.3	800	X	207.7	-
043	81.0	84.0	3.0	3.0	15	100	90	X	610	6.6	70	2	210.8	-
044	84.0	87.0	3.0	3.0	20	115	125	X	620	7.4	190	X	211.2	-
045	87.0	90.0	3.0	3.0	5	105	1450	X	525	7.6	2200	X	212.8	-
046	90.0	93.0	3.0	3.0	10	120	3400	X	565	6.5	1300	X		
047	93.0	96.0	3.0	3.0	10	85	360	X	435	6.8	150	X		
048	96.0	99.0	3.0	3.0	10	140	560	X	375	4.6	53	4		
049	99.0	102.0	3.0	3.0	15	135	405	X	595	7.9	25	X		

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ELECTROLYTIC ZINC CO OF A'ASIA LTD
ROSEBERY — TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No. CHP 228 3 of 3

FOOTAGE FROM	FOOTAGE TO	ROCK DESCRIPTION	MINERALISATION
		Recrystalised hornblende veins as: 128.0, 132.1, 132.3, 138.9, 147.6, 149.6, 152.9, 155.5, 155.7, 156.7, 158.8 & 159.0m.	160.0 20mm wide Po + Cpy vein
163	195.20	Strong chlorite-hornblende alteration pervades this unit. Axinite & associated hornblende recrystallisation occurs in bands Minor carbonate occurs in patches between 163 and 184. Silicification is commonly associated with the alteration. 165.4-165.8 Axinite-hornblende recrystalisation 167.5 Sample 42405, Thin & polished sections. 168.7-169 Axinite-hornblende recrystalisation 170-170.4 Unaltered sediment Axinite-hornblende recrystalisation at:- 171.9, 172.1, 172.3, 173.4-173.5, 174.3, 174.9 and 175.6-181.1m, in patches which are strongest at 181.0m Unaltered sediments 181.7-182 & 182.4-183.1 187.7-188, 190-190.4, 191.1-192.1m	163-164.7 Po, cpy & asp as alteration replacement Po forms upto 50% of the core volume, averaging 10% 164.7-165.3 Semi-massive Po with minor cpy as a net-work replacement. 165.3-165.9 Minor Po and trace cpy as veins and alteration replacements average 10% Po 165.9-166.8 Trace Po as veins 166.8-168.7 Po as semi-massive interbed replacements upto 10cm wide, with cpy forming discrete replacement bands separate from po. Sulphides are parallel to bedding. Po upto 70% volume averaging 10% 168.7-186 Trace Po, py and cpy and rare asp as fine veins. Less than 1% total sulphides. 186-195.2 Minor po & cpy as veins upto 2cm wide 2% total core volume. 195.2-233.7 Trace Po, cpy & py; Larger veins occur at 216.10m and 220.90m
195.2	233.7 EOH	Small bands of chlorite-hornblende alteration upto 30cm wide occur occasionally through this unit. Silicification is commonly associated with the alteration. Sample No's 42402, 42403, 42404 and 41405 Refer to John Gilfillan and Assoc petrological report No. E3/81/60	

Samples marked * are SPLIT SAMPLES
The remainder are grid samples.

Sample No	From	To	Core Rec'd	Sample Length	Assay Data per ppm Pb	Zn	Cu	As	Mn	Fe%	Ag	Sn
46050	102.0	105.0	3.0	3.0	35	85	135	X	465	6.4	1200	X
051	105.0	108.0	3.0	3.0	5	95	130	X	410	7.0	58	2
052	108.0	111.0	3.0	3.0	5	75	35	X	470	6.6	29	X
053	111.0	114.0	3.0	3.0	10	160	1600	X	445	7.6	22	2
054	114.0	117.0	3.0	3.0	15	170	80	X	500	4.6	34	2
055	117.0	120.0	3.0	3.0	10	125	540	X	415	4.7	220	X
056	120.0	123.0	3.0	3.0	10	140	135	X	315	4.6	51	6
057	123.0	126.0	3.0	3.0	20	150	1750	X	345	4.3	1600	X
058	126.0	129.0	3.0	3.0	35	250	2700	X	345	4.2	39	4
059	129.0	132.0	3.0	3.0	20	110	400	X	390	5.0	370	X
46060	132.0	135.0	3.0	3.0	10	360	6450	3.5	495	6.3	95	6
061	135.0	138.0	3.0	3.0	10	65	30	X	350	5.5	190	4
062	138.0	141.0	3.0	3.0	10	75	80	0.5	420	5.2	69	X
063	141.0	144.0	3.0	3.0	10	95	30	X	410	4.8	60	2
064	144.0	147.0	3.0	3.0	15	115	590	X	380	6.1	210	X
065	147.0	150.0	3.0	3.0	10	100	185	0.5	410	5.7	600	10
066	150.0	153.0	3.0	3.0	10	100	110	X	420	5.9	600	2
067	153.0	156.0	3.0	3.0	10	95	110	X	405	5.1	86	2
068	156.0	159.0	3.0	3.0	10	95	125	X	430	5.1	290	10
069	159.0	162.0	3.0	3.0	10	95	295	X	415	5.8	100	6
46070*	162.0	163.0	1.0	1.0	15	140	910	X	850	6.4	500	6
071*	163.0	163.9	0.9	0.9	40	380	5650	3.5	2500	10.5	4400	X
072*	163.9	164.7	0.8	0.8	15	340	50	3.0	1050	14.0	900	4
073*	164.7	165.3	0.6	0.6	15	110	7400	1.5	230	25.0	100	X
074*	165.3	165.9	0.6	0.6	20	150	1850	0.5	5050	7.0	400	6
075*	165.9	166.8	0.9	0.9	10	245	3450	2.0	2850	5.0	600	16
076*	166.8	167.8	1.0	1.0	15	550	1.15%	8.0	1950	10.0	500	10
077*	167.8	168.7	0.9	0.9	15	330	7100	5.0	1950	12.0	100	6
078*	168.7	169.7	1.0	1.0	40	235	145	X	3800	5.0	100	24
079	169.7	172.0	2.3	2 3	35	165	50	0.5	3250	6.0	100	24
46080	172.0	175.0	3.0	3.0	15	155	25	X	4100	5.1	310	20
081	175.0	178.0	3.0	3.0	10	155	20	X	6500	4.9	400	36
082	178.0	179.9	1.9	1.9	15	130	50	0.5	5200	4.3	120	24
083	179.9	181.2	1.3	1.3	15	185	285	X	7450	3.9	170	20
084	181.2	184.1	2.9	2.9	25	150	265	X	2400	5.1	720	10
085	184.1	186.0	1.9	1.9	30	140	770	0.5	680	3.6	96	X
086	186.0	189.0	3.0	3.0	35	165	1000	0.5	1000	6.5	110	2
087	189.0	192.0	3.0	3.0	20	120	360	0.5	615	4.4	100	6
088	192.0	195.2	3.2	3.2	20	150	340	X	595	5.1	150	8
089	195.2	198.0	2.8	2.8	10	95	25	X	465	6.0	61	16
46090	198.0	201.0	3.0	3.0	15	125	200	X	480	6.0	390	4
091	201.0	204.0	3.0	3.0	15	100	50	X	495	5.9	79	6
092	204.0	207.0	3.0	3.0	10	95	100	X	485	6.2	87	4
093	207.0	210.0	3.0	3.0	15	100	250	X	485	6.6	200	14
094	210.0	213.0	3.0	3.0	10	95	50	0.5	500	6.6	95	12
095	213.0	216.0	2.8	3.0	20	145	735	X	600	7.1	70	24
096	216.0	219.0	3.0	3.0	20	100	125	0.5	455	6.4	96	6
097	219.0	222.0	3.0	3.0	10	130	1350	0.5	480	7.7	270	12
098	222.0	225.0	3.0	3.0	15	95	290	X	410	6.7	56	20
099	225.0	228.0	3.0	3.0	10	110	165	X	440	3.5	94	30
45100	228.0	231.0	3.0	3.0	10	80	555	X	350	5.8	39	4
42401	231.0	233.7	2.7	2.7	15	90	135	X	460	6.4	60	6

CORE REC'D RUN	SHORT
213.8	0.1
215.1	0.1
217.6	-
218.1	-
221.1	-
222.4	-
226.1	-
229.2	-
231.3	-
232	-
233.7	-
EOH	

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