ELECTROLYTIC ZINC COMPANY OF A'ASIA LTD.

MINERAL RESOURCES DIVISION — TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No. STP-299

SHEET No. 1. of 2

PROJECT: **STERLING VALLEY**
LOCALITY: Sterling Valley Mine
OBJECTIVE: To test the down dip extension of the mineralization uncovered in costean at the Sterling Valley mine
RESULT: Semi-massive to massive pyrite + galena and banded arsenopyrite were intersected between 34.42-34.52; 35.56-35.65; 37.7-37.85.

GRID CO-ORDS: 383858.6mE
A.M.G. CO-ORDS: 371903.7mN
COLLAR R.L.: 282.7m
COLLAR DIP: -60°
AZIMUTH: 295° Mag
TOTAL DEPTH: 70.1m

HOLE SIZE: HQ: 0 - 45.5m
45.5 - 70.1m
CASING: PVC to 70.1m
COMMENCED: 15th June 1988
COMPLETED: 21st June 1988
LOGGED BY: S.R.Hunns

Depth (m)	Azimuth (°)	Dip	Depth (m)	Azimuth (°)	Dip
0	295°	-60°			
34	290°	-59°			
70	288°	-56.3			

DEPTH From	DEPTH To	ROCK DESCRIPTION	MINERALISATION	CORE REC'D Run	CORE REC'D Short
0	4.2m	No core tricone (precollar)			
4.2	20.78	Strongly cleaved, sericite, talcose, feldspathic grey schist.			
20.78	59.25	Strongly deformed, faulted mineralized black slates.	30.6-32.3m Cross cutting pyrite veins 34.0-34.2m Cross cutting galena veins 34.42-34.52m Massive coarse grained pyrite and galena. 35.56-35.65m Semi-massive galena and pyrite. 37.7-37.85m Massive c.g. galena. 38.0-38.2m Semi-massive anhedral pyrite clots and m.g. galena and banded arsenopyrite. 41.4-59.25m Finely disseminated pyrite with occassional semi-massive pyrite bands		
59.25	70.10	Strongly cleaved grey/green felspathic schist.			

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

DIAMOND DRILL CORE RECORD

HOLE No. STP-299
SHEET No. 2 of 2

DEPTH From	DEPTH To	ROCK DESCRIPTION	MINERALISATION	CORE REC'D Run	CORE REC'D Short
0	4.2m	No core - tricone			
4.2	20.78m	Strongly cleaved, sericite, talcose, feldspathic grey schist. Dark brown/grey metamorphic (?) spots are very common. Later cross cutting chlorite veinlets occur throughout. Occassional elongate thin shale fragments were noted. Between 20.51 - 20.76m, the schist is strongly deformed with very tight asymmetrical folding. Foliation 4m - 33° LCA, 20.0m 45° LCA, .			
20.78	59.25	Black Shale. Contact with the above schist is strongly deformed. The black shale is initially oxidized along cleavage and joint planes. No significant mineralization noted till 30.6m. From 32.3m the percentage of pyrite increases down hole until it becomes massive. Pyrite is also associated with silica replacement veins. Fine-grained galena was noted occurring with the pyrite. Pyrite and galena veins cross cut the cleavage and the galena veins have microfaulted the pyrite veins giving a sinistral sense of movement. The black shale between 33.9 - 36.2m is strongly broken and brecciated and deformed. At 35.7m tight assymmetrical folding was noted. A fault gouge occurs between 46.0 - 46.32m at 80° LCA. From 49.0m the black shale is predominantly strongly foliated with occassional minor folding. Quartz veining occurs sporadically throughout. Foliation 49m 36° LCA.	30.6 - 32.3m - Cross cutting pyrite veins and f - m.g. diss py 3-5%. 34.0 } cross cutting galena veins 34.2 } 34.42 - 34.52 - massive c.g. py + gn 35.56 - 35.65 - semi-massive gn + py 37.7 - 37.85 - massive c.g. gn. 38.0 - 38.2 - semi-massive anhedral py clots and m.g. gn and banded arsenopyrite associated with milky white silica alteration. 41.5 - 59.25 - finely diss py with occassional semi-massive zones c.g 44.6m		
59.25	70.1m E.O.H	The contact with the black shale is very sharp (35° LCA). Within the black shale the contact is marked by disrupted cleavage planes, pyrite mineralization and carbonate veining. Strongly cleaved grey/green feldspathic schist. Alteration is essentially sericitic with later r.f.g. chlorite veinlets cross cutting the cleavage. Shale fragments occur throughout. White spots of sericite altered feldspathic material occur throughout. Foliation 63.0m 35° LCA, 70.0m 36° LCA			

END OF HOLE

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

DIAMOND DRILL CORE GEOCHEMICAL ANALYSES RECORD

HOLE No STP 299
SHEET No. 1 of 1

GRID CO-ORDS:
A.M.G. CO-ORDS: 383858.6mE 371903.7mN
COLLAR R.L.: 282.7m
COLLAR DIP: -60°
AZIMUTH: 295° Mag
TOTAL DEPTH: 70.1m

LABORATORY	Analabs														
ANALYTICAL TECHNIQUE	Pb	Zn	Cu	Ag	Au	Fe	As	Bi							
	101	101	101	101	309	101	114	101							
DETECTION LIMIT	5	5	5	0.5	0.008	0.05	1	10							

Sample No.	Sample Type	From	To	Core Rec'd	Sample Length	METAL CONTENT (ppm unless specified)	COMMENTS

Sample Nº	Order Nº	DDH/Sample Location	Sample Type	From (m)	To (m)	Sample Interval (m)	Pb%	Zn%	Cu ppm	Ag g/t	Au g/t	Fe%	As ppm	Bi ppm
74432	900933	STP 299	Core	28.60	29.60	1.00	0.1200	0.0140	130	11.50	0.036	1.90	170	<10
74433	900933	STP299	"	29.60	30.60	1.00	0.1200	0.0440	420	14.00	0.116	2.60	330	<10
74434	900933	STP299	"	30.60	31.60	1.00	0.4250	0.0800	225	17.00	0.090	3.00	260	<10
74435	900933	STP299	"	31.60	32.60	1.00	0.4150	0.0590	335	11.00	0.138	6.90	1300	<10
74436	900933	STP299	"	32.60	33.60	1.00	0.7100	0.1400	195	11.00	0.142	6.90	2150	<10
74437	900933	STP299	"	33.60	34.60	1.00	4.8600	2.1000	700	129.00	0.430	7.35	10000	<10
74438	900933	STP299	"	34.60	35.60	1.00	2.8200	2.5800	805	69.00	0.286	4.20	6900	<10
74439	900933	STP299	"	35.60	36.60	1.00	0.9500	0.7700	160	25.00	0.084	5.70	380	<10
74440	900933	STP299	"	36.60	37.60	1.00	0.6150	0.1350	65	9.50	0.055	2.95	200	<10
74441	900933	STP299	"	37.60	38.60	1.00	8.1400	1.6200	1900	310.00	0.476	6.90	1700	<10
74442	900933	STP299	"	38.60	39.60	1.00	0.3350	0.4150	120	9.50	0.085	4.70	650	<10
74443	900933	STP299	"	39.60	40.50	0.90	0.2050	0.0675	150	5.00	0.253	5.30	74	<10
74444	900933	STP299	"	40.50	41.50	1.00	0.0290	0.0170	70	1.50	0.047	3.60	750	<10
74445	900933	STP299	"	41.50	42.50	1.00	0.0265	0.0130	95	2.00	0.078	4.85	360	<10
74446	900933	STP299	"	42.50	43.50	1.00	0.0185	0.0125	20	2.00	0.107	7.05	500	<10
74447	900933	STP299	"	43.50	44.50	1.00	0.0110	0.0050	10	1.00	0.102	4.80	400	<10
74448	900933	STP299	"	44.50	45.50	1.00	0.0335	0.0270	25	2.50	0.257	6.60	6500	10
74449	900933	STP299	"	45.50	46.50	1.00	0.0085	0.0175	85	1.00	0.039	6.35	460	<10
74450	900933	STP299	"	46.50	47.50	1.00	0.0545	0.0135	55	2.00	0.048	12.50	200	<10
74451	900933	STP299	"	47.50	48.50	1.00	0.0220	0.0370	65	1.00	0.026	7.85	53	<10
74452	900933	STP299	"	48.50	49.50	1.00	0.0490	0.0680	100	1.50	0.047	6.65	57	<10
74453	900933	STP299	"	49.50	50.50	1.00	0.0115	0.0325	65	0.50	0.102	5.30	50	<10
74454	900933	STP299	"	50.50	51.50	1.00	0.0040	0.0175	50	0.50	0.027	4.40	49	<10
74455	900933	STP299	"	51.50	52.50	1.00	0.0045	0.0700	75	<0.5	0.018	5.40	73	<10
74456	900933	STP299	"	52.50	53.50	1.00	0.0035	0.0200	80	0.50	0.014	4.60	54	<10
74457	900933	STP299	"	53.50	54.50	1.00	0.0025	0.0160	55	<0.5	0.017	4.80	39	<10
74458	900933	STP299	"	54.50	55.50	1.00	0.0045	0.0195	65	<0.5	0.012	3.90	43	<10
74459	900933	STP299	"	55.50	56.50	1.00	0.1500	0.1650	75	2.00	0.018	6.00	66	<10
74460	900933	STP299	"	56.50	57.50	1.00	0.0660	0.0435	70	1.50	0.026	6.75	90	<10
74461	900933	STP299	"	57.50	58.50	1.00	0.0675	0.0920	95	1.00	0.021	7.50	65	<10
74462	900933	STP299	"	58.50	59.50	1.00	0.0020	0.0125	<5	<0.5	0.026	1.40	11	<10
74463	900933	STP299	"	59.50	60.50	1.00	0.0005	0.0170	5	<0.5	0.008	1.45	10	<10

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