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

DIAMOND DRILL CORE RECORD

HOLE No. STP 231 1 of 3

LOCATION	Sterling Valley E.L. 4/73
OBJECTIVE	To test a ground magnetic anomaly and the Henty Fault zone for Sn mineralisation
RESULT	

Footage	Direction	Dip.

AMG

Footage	Direction	Dip.
60m	110°	−56°
90m	111.5°	−55°
120m	110°	−52°
150m	109°	−50.5°

COLLAR DIP.	−60°
DIRECTION	108° AMG
R.L.	175.4m
COORDINATES	4160N 4625E grid
	5,374,266.8N 384,216.3E AMG

TOTAL DEPTH	150.6m
HOLE SIZE	HQ 19m NQ 54.1 BQ 150.6
COMMENCED	24th May, 1981
COMPLETED	7th June, 1981
LOGGED BY	J. Mill

METRE FROM	METRE 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	19.4	Glacial Overburden Large pebbles of Owen Conglomerate, schist & intermediate tuffs mixed with gravel & sand	NVM													0 19.4 19.8 20.8 34.5	11.3 – 0.4 –
19.4	42.0	Weathered Intermediate Volcanics Org-brown fg weathered volcanics. Well fractured, manganese & limonite stained. Texture is largely destroyed by weathering but occassionally porphyritic texture is observed suggestive of porphyritic lava. Greenish chlorite occurs after 36.1 with associated mottled appearance suggestive of porphyritic tuff.	19.4–42 NVM, however presence of much manganese & iron staining may indicate the former presence of weathered sulphides. No boxworks were evident.													36.3 38 41 43.3 71.8 74 96.8 97.1 102.7 103.4 104.2	0.4 0.7 – 1.7 – 0.3 – 0.1 – 0.3 –
42.0	56.2	Trachytic tuff. Ple grn-gry fg vitric crystal tuff containing rare chloritic fragments upto 1cm long (fiamme?) Strongly cleaved & fractured 42.0–52.9. Chloritic throughout. Silica chl alteration occurs below 53.1m associated ;with vein sulphides.	42–53.1 NVM 53.1–56.2 Vein arsenopyrite, pyrite with minor pyrite & pyrrhotite associated with silica chlorite vein inc massive arsenopyrite vein 53.8–53.9													105.1 106.4 106.8 107.7 108.4 128.4 129.3 130.1	0.6 – 0.1 – 0.1 – 0.3 –
56.2	58.3	Silicified Tuff White-ple gry completely silicified tuff, cherty containing stringer & vein arsenopyrite, pyrite, pyrrhotite & chalcopyrite in a gangue of silica chl & minor purple fluorite Total sulphides ± 20%	See also rock description: Sulphides occur as f-cg aggregates in tension cracks of the silica & as crosscutting veins upto 10cm wide.													132.3 150.6 EOH	0.7 –
58.3	78.3	Intermediate Lithic Crystal Vitric Tuff: Greenush gry f-mg tuff with fragments of fg vitric tuff & porphyritic lava upto 2cm diam – elongated parallel to cleavage. Local thin (2cm) white barren quartz veins	Minor pyrrhotite/pyrite & arseonpyrite as thin veins (<1cm thick) <20% total sulphides.														

A 03197

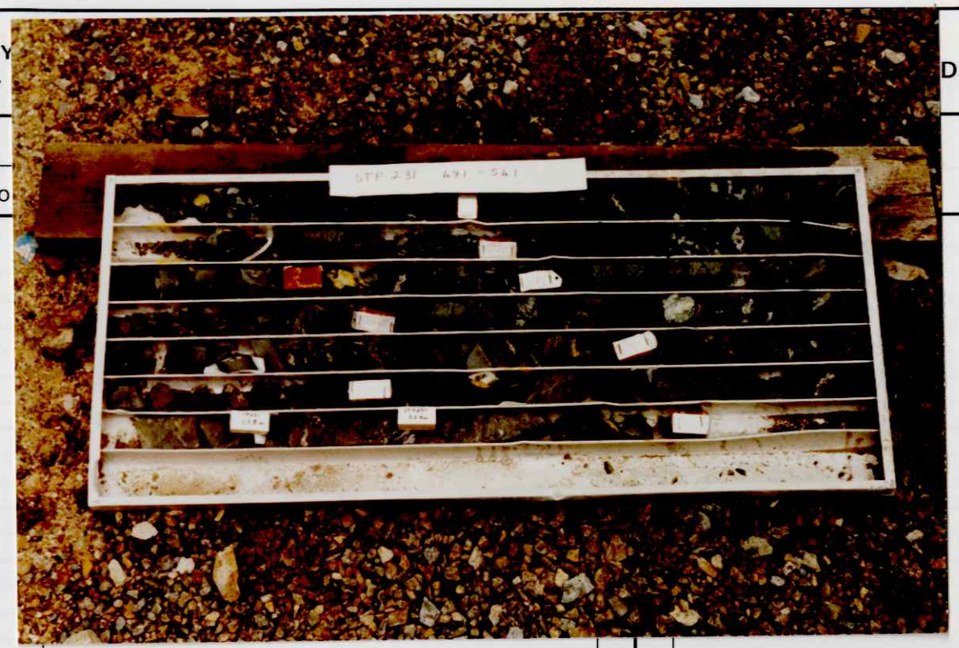
ELECTROLY
ROSEBERY

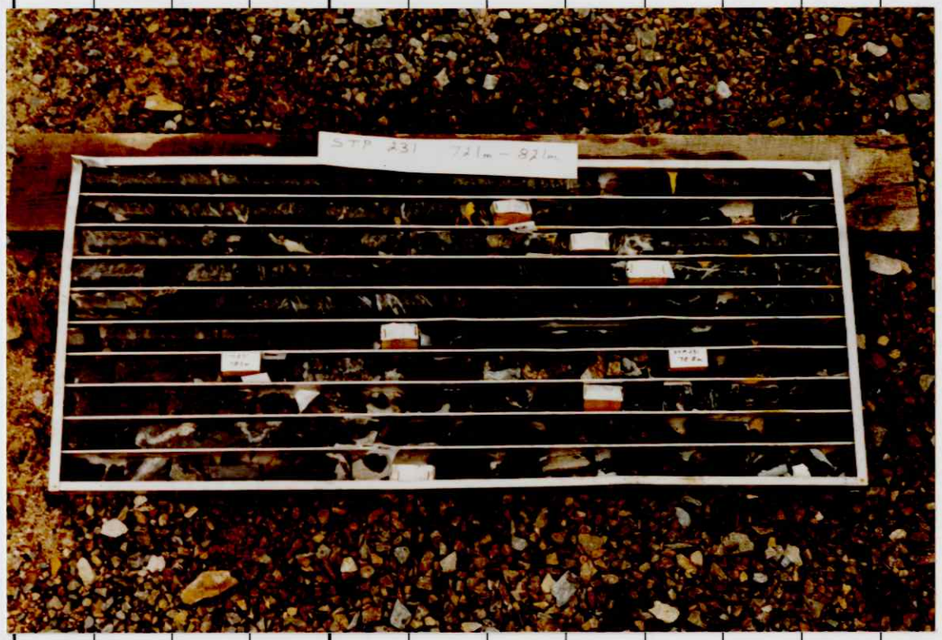
DRILL CORE RECORD

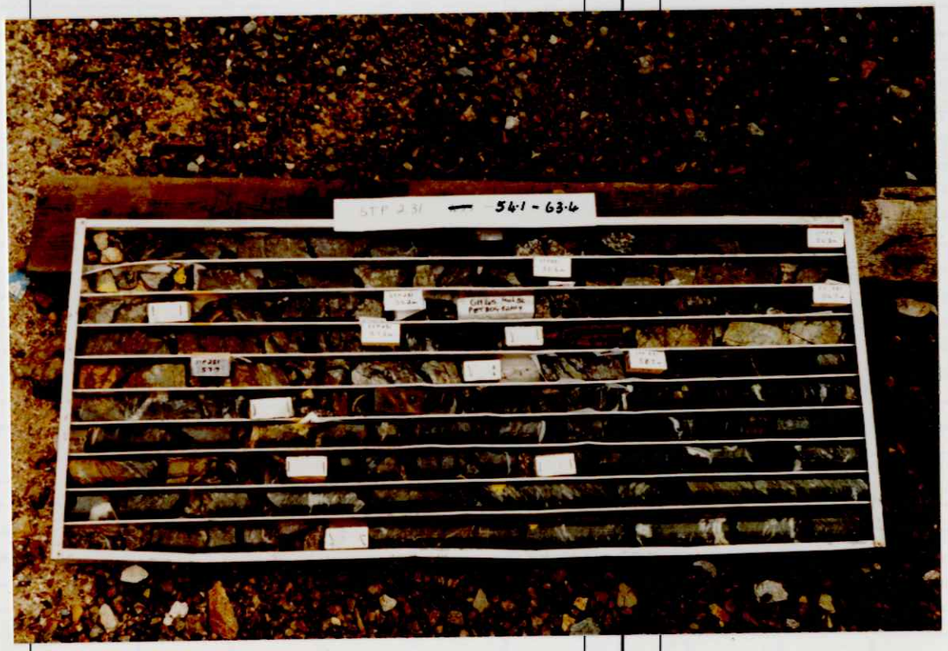
HOLE No. STP 231 1A.

A 21740

DEPTH			SAMPLE No.	8-13 FROM	14-19 TO	CORE REC'D	ASSAY DATA								CORE REC'D	
FROM	TO						Sample Length	20-25 Pb%	26-31 Zn%	32-37 Cu%	38-43 Ag - g/t	44-49 Au - g/t	50-55 Fe%		RUN	SHORT







ELECTROLYTIC ZINC CO OF A'ASIA LTD
ROSEBERY – TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No. STP 231 2 of 3

METRE FROM	METRE TO	ROCK DESCRIPTION	MINERALISATION
78.3	79.5	Silicified Tuff: Similar to 56.2–58.3	Similar to 56.2–58.3
79.5	89.6	Intermediate Tuff: Gryish-grn fg porphyritic tuff locally slightly laminated suggesting air fall origins. Chloritised & locally silicified throughout. Locally fractured. Core "bedding" angles:- 85.7m 40° 86.3m 40°	Minor pyrrhotite/arsenopyrite associated with silicified zones. Mineralised veins occur at: 81.2 Carbonate & sphalerite (<1cm) 82.2–82.3 Arsenopy ± 20% 84.6–84.7 Pyrrhotite assoc with silicification ± 50% 87.5–87.7 Pyrite/pyrrhotite assoc with silicification ± 15% 88.0 "
89.6	99.7	Intermediate Pyroclastics: Gryish-grn mainly fg pyroclastic vitric crystal tuff with occas large fragments of buff rhyolite containing minor quartz phenocrysts. Many small veins of fine white calcite, quartz & siderite.	Almost unmineralised Tr Py & Po
99.7	99.9	Breccia/Silica Zone: Containing brecciated volcanics in a ground mass of silica/chlorite, fluorite. Minor sulphides	± 10% sulphides of arsenopyrite pyrite & tr cpy
99.9	127.8	Intermediate Pyroclastics: Mid gry siliceous broken & leached pyroclastics. Cleaved & slightly bedded in places. The texture is almost completely destroyed by shearing but locally a porphyritic texture is observed. Fragments of buff coloured rhyolite occur throughout & thus the ;unit is comparable with 89.6–99.7	99.9–127.8 NVM Cleavage 105.5 50° 112.5 55° 122.4 35° 136.8 60°
127.8	133.8	Fault Zone: Grnish gry porphyritic andesitic tuff brecciated silicified & leached	NVM

Sample No	From	To	Core Rec'd	Sample Length	Assay Data per ppm Pb	Zn	Cu	Ag	Mn	Fe%	As	Sn	Au
Sample No's prefixed S are split core sample G are grind core samples C are chip core samples													
39379C	13.3	15.0	0.70	1.70	70	275	30	X	940	3.4	46	X	N.A
39380C	15.0	20.0	2.1	5.0	70	220	65	X	2250	4.6	920	8	"
381C	20.0	25.0	4.7	5.0	35	210	170	X	1000	5.5	1000	X	"
382C	25.0	30.0	5.0	5.0	20	170	255	X	1100	5.5	70	X	"
383C	30.0	35.0	4.9	5.0	1000	270	455	0.5	1200	5.2	220	X	"
384C	35.0	40.0	4.0	5.0	230	360	245	X	1200	4.4	340	X	"
385C	40.0	45.0	3.3	5.0	35	280	60	X	1700	5.9	35	X	"
386C	45.0	50.0	5.0	5.0	10	185	105	X	1400	6.0	32	X	"
387C	50.0	53.0	3.0	3.0	45	250	25	X	1300	6.8	30	X	"
39264S	52.1	53.1	1.0	1.0	190	170	45	X	1850	6.7	170	20	0.008
265S	53.1	53.8	0.7	0.7	100	180	140	1	1350	6.7	1500	X	0.016
266S	53.8	53.9	0.09	0.1	235	80	850	9.5	550	11.0	17.0%	17	0.008
267S	53.9	54.9	1.0	1.0	90	110	735	8.5	1150	6.6	4.0%	X	0.216
268S	54.9	55.6	0.7	0.7	75	115	450	2.0	1600	7.2	1600	130	0.024
269S	55.6	56.2	0.6	0.6	95	285	1750	11.0	1200	9.7	3.8%	X	0.024
39270S	56.2	56.7	0.5	0.5	200	2000	2250	20.0	780	9.1	15.0%	160	0.275
271S	56.7	57.2	0.5	0.5	65	70	2500	6.0	595	12.5	8.5%	22	X
272S	57.2	57.7	0.5	0.5	60	40	2200	4.0	275	11.0	3.8%	10	X
273S	57.7	58.3	0.6	0.6	75	190	6750	10.0	465	7.2	8.1%	600	0.436
274S	58.3	59.3	1.0	1.0	35	105	130	0.5	1500	6.2	900	520	0.008
39389G	55.0	60.0	5.0	5.0	65	185	2500	7.5	850	10.7	3.9%	5	N.A.
39390G	60.0	65.0	5.0	5.0	170	835	140	X	1550	6.3	900	20	"
391G	65.0	70.0	5.0	5.0	45	260	70	X	1200	5.7	680	X	"
392G	70.0	75.0	4.7	5.0	35	750	75	X	1500	6.1	1000	20	"
39275S	77.3	78.3	1.0	1.0	10	190	75	0.5	2250	8.0	700	1800	0.032
276S	78.3	78.8	0.5	0.5	60	70	1150	3.0	660	5.8	9.8%	5600	0.744
277S	78.8	79.5	0.7	0.7	50	100	2150	4.5	1400	7.3	2800	3000	0.104
278S	79.5	80.5	1.0	1.0	190	1400	155	1.0	2050	7.1	2900	180	0.080
279S	80.5	81.5	1.0	1.0	1000	5550	60	2.0	4300	5.8	600	20	0.032
39280S	81.5	82.2	0.7	0.7	575	2450	80	2.0	3150	6.6	1600	4	X
281S	82.2	82.6	0.4	0.4	175	710	225	2.5	1250	5.7	4200	10	0.008
282S	82.6	83.6	1.0	1.0	360	815	140	2.5	1450	6.6	230	2	0.024
283S	83.6	84.6	1.0	1.0	75	370	120	1.0	1400	6.2	500	8	0.016
284S	84.6	85.2	0.6	0.6	70	100	160	0.5	1450	6.0	4900	6	0.016
285S	85.2	85.5	0.3	0.3	140	155	170	5.5	520	7.8	9.0%	6	0.376
286S	85.5	86.5	1.0	1.0	30	285	20	0.5	1750	4.7	1600	X	0.032
287S	86.5	87.5	1.0	1.0	35	170	15	0.5	1450	4.75	70	46	0.016
288S	87.5	88.0	0.5	0.5	30	175	390	1.0	2250	8.9	90	28	0.024
289S	88.0	89.0	1.0	1.0	35	160	15	1.0	1500	4.4	70	X	X
39395G	85.0	90.5	5.0	5.0	35	210	155	X	1250	7.3	3500	12	N.A.
396G	90.0	95.0	5.0	5.0	60	140	20	X	1800	3.9	12	X	"
397C	95.0	100.0	4.9	5.0	30	270	50	X	3550	7.4	620	42	"
398C	100.0	105.0	4.1	5.0	60	540	15	X	1250	5.8	18	X	"
399C	105.0	110.0	4.5	5.0	25	405	5	X	1000	4.4	54	X	"
39400C	110.0	115.0	5.0	5.0	25	175	X	X	1000	5.4	61	X	"
41851C	115.0	120.0	5.0	5.0	15	160	20	X	1400	5.2	37	X	"
852C	120.0	125.0	5.0	5.0	35	175	55	X	2000	7.3	31	X	"
853C	125.0	130.0	4.7	5.0	5	145	X	X	1050	5.4	20	X	"
854C	130.0	135.0	4.3	5.0	35	160	5	X	960	4.9	16	X	"
855C	135.0	140.0	5.0	5.0	25	205	30	X	1400	5.2	69	X	"
856C	140.0	145.0	5.0	5.0	SAMPLE		LOST						
857C	145.0	150.6	5.0	5.6	100	465	5	X	3900	8.7	27	X	"

RE REC'D N	SHORT
	x
	x
	x
	x
	x
	0.01
	x
	x
	0.02
	x
	0.90
	0.27
	x
	0.35
	1.29
	0.47
	0.62
	1.01
	x
	0.35
	0.15
	0.04
	0.02
	x
*	1.22
	0.14
	0.05
	x
	x
	0.03
	0.01
	0.01
	x
	0.58
	x
	x
	0.02
	0.01
	0.03
	x
	x
	x
	x
	x
	x
	x
	x
	x
	x

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HOLE No. STP 231 3 of 3

FOOTAGE FROM	FOOTAGE 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	CORE REC'D SHORT
133.8	140.1	Intermediate Pyroclastics: Gry broken faulted fg porphyritic crystal vitric tuff. Intensly fractured Locally silicified – minor buff carbonate veins	NVM														
140.1	150.6 EOH	Chloritic Tuffaceous Greywacke: Olive grn (dk) fg greywacke. Cleaved with no recognisable bedding. Minor white carbonate veining. Broken but much less so than 99.9–140.1m	NVM														

Thin Section Descriptions

39290	55.0 m
39291	59.1 m
39292	149.8 m

See CMS Report
81/7/52