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

DIAMOND DRILL CORE RECORD

HOLE No. STP 232A-1

LOCATION STERLING VALLEY
OBJECTIVE To intersect mineralisation associated with the Henty Fault Zone and a ground magnetic anomaly
RESULT

Footage	Direction	Dip.

Footage	Direction	Dip.
67m	83°	-52°
109m	105°	-49.5°
151m	98°	-45°
192m	98°	-39°

COLLAR DIP. -60°
DIRECTION 108° AMG
R.L. 174.0°
COORDINATES 384,395.8mE
5,374,728.5mN

TOTAL DEPTH 198.2m
HOLE SIZE NQ 68.2 BQ 198.2
COMMENCED
COMPLETED 9th August, 1981
LOGGED BY R.A. Sainty

FOOTAGE FROM	FOOTAGE TO	ROCK DESCRIPTION	MINERALISATION
0	63.0	GLACIAL COVER	
63.0	198.2	FARRELL GROUP	
63.0	101.6	Argillaceous sandstone and intercalated/ interbedded black shale. Sandstone is light grey, fine to medium grained, massive to poorly foliated and contains pervasive wisps and mottlings of black chlorite and sericite. Black shale is weakly cleaved with black chlorite films on cleavage surfaces. Shale beds are commonly 10-20cm thick but may be up to 50cm thick. The carbonate content is generally weak in the sandstone where qtz-carbonate veinlet webbing is occassionally developed 72.0-73.4 Fault breccia: rock is sheared, oxidised and brecciated with intense chlorite-sericite veining	64.7-66.9 trace -2% stringer + wisps py assoc with silicification and qtz veining. Bad recovery 66.9-68 2-5% stringers of po + lesser py + tr bleb sp assoc with qc veining 68-72.1 Tr diss cubic py + tr sp (0.5-10.mm) + trace gn 72.1-74.7 <1% v. weak wisps py + po within sheared + becciated sediment assoc with fine qc veining. 20mm veinlet of sp + minor py at 73.7m 74.7-78.9 2-5% patchy stringers + + wisps of po + lesser py within qc veining 78.9-198.2 Tr-locally 1% v. weakly diss cubic py, with the following spot instances of qc-sulphide veining 81.25-81.3 Tr diss sp + gn within carbonate 81.4-81.5 po + lesser py as stringers + wisps assoc eith qc veining 85.2-85.4 Qtz vein with po + py to 10% 87.45-87.5 Qtz vein with po + py + trace ccp to 10% Vn at 50° c.a. 87.6-87.65 po + py to 1% 87.85-88 po + py to 2% in qtz 97.7-101.1 po + minor py stringers + veinlets assoc with qtz veining (2-5mm, 5cmX1)

SAMPLE NO.	FROM	TO	CORE REC'D	ASSAY DATA per ppm Mn	Zn	Cu	Ag	Pb	Fe%	As	Sn
Split											
48404	67.0	68.0	1.0	875	80	325	1.0	15	5.05	31	3100
405	74.7	75.7	1.0	855	220	370	1.5	30	5.5	16	5
407	75.7	76.7	1.0	825	105	485	2.0	15	6.45	200	45
408	76.7	77.7	1.0	730	85	365	1.5	5	6.7	14	10
409	77.7	78.7	1.0	710	80	325	0.5	10	5.85	6	18
48410	98.9	99.9	1.0	1200	25	135	125	0.5	8.9	44	30
411	99.9	100.9	1.0	1400	35	135	75	0.5	9.8	35	X
412	104.6	104.9	0.3	685	365	115	845	14.5	5.55	4.5%	X
413	112.0	113.2	1.2	1550	100	190	160	1.5	4.9	520	1

CORE REC'D RUN	SHORT
63	-
63.9	0.65
64.7	0.65
65.7	0.75
66.9	1.0
68.2	-
69.2	0.4
71.3	0.3
72.3	0.4
75.4	-
76.9	0.2
79.5	-
80.3	-
82.5	-
83.7	-
85.5	-
86.7	-
89.8	-
91.5	-
94.5	-
95.9	-
99.0	-
101.4	-
103.5	-
106.5	-
109.4	-
110.4	-

ELECTROLYTIC ZINC CO OF A'ASIA LTD
ROSEBERY – TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No. STP232A-1 2 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
101.6	139.5m	Argillaceous sandstone Interbeds of black shale occur as follows: 117.5–119.5 sandstone with intercalated and interslumped grey to black shale 132.3–132.6 as above	104.6–104.9 50% stringers of po (50%), asp (35%), py (15%): Asp is crystalline, py is accessory to po 110.4–110.9 2% stringers (2–10mm) py + minor po assoc with minor qtz veining 111.4–112.0 Tr sp + py + less gn assoc with carbonate gn 112–113.25 1–2% blebs + stringers py + minor po + py crystalline aggregates 115.65–115.9 As for 112–113.25 118–119.5 Tr sp + 1mm wisps of py within qc veining 119.5–119.9 1% wisps + stringers (<1–5mm) sp + lesser py as blebs + wispy trails 119.9–120.5 Tr sp + py as blebs + wisps in qtz veining 129.1–129.45 0.5% sp + py as specks + fine wisps (>1–5mm)												
139.5	157.6m	Interbedded Sandstone and Shale Interbeds thicker and more uniform than above 63.0–101.6	140.2 Trace sp + asp within 4mm carbonate veinlet 141.3 V minor py + po as blebs + wisps within qc veining 144.15–144.4 Minor py + po + trace sp as irregular blebs + small patches within area of qc veining														
157.6	198.2m EOH	Argillaceous Sandstone 179.8–184.3 interbedded with black shale	162.5 Py as irregular stringer within qc vein 171.4 Tr sp + py in qc veining 180.35 Tr sp in qc veining 181.1 Qtz vein (20mm) with 20% sp + py 190.5–190.7 0.5% max thin wisps + specks sp + minor py within carbonate veining														

ELECTROLYTIC ZINC CO OF A'ASIA LTD
ROSEBERY – TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No. STP 232A-1 3 of 3

FOOTAGE FROM	FOOTAGE TO	ROCK DESCRIPTION	MINERALISATION	SAMPLE NO.	FROM	TO	CORE REC'D	ASSAY DATA								CORE REC'D	
								Sample Length	Pb%	Zn%	Cu%	Ag - g/t	Au - g/t	Fe%		RUN	SHORT
			191.8-192.0 Trace sp stringers within carbonate veinlets.														
		Carbonate occurs both as thin veinlets (accompanied by qtz) uniformly through the rock 1-5mm wide injected along cleavage and interconnecting. Qtz carbonate veining abundant (to 100% of core volume average 30%) to 4cm width within 151.0-160.7m. Distribution of matrix carbonate is patchy occurring preferentially to greywacke. Grading (upward fining) is visible at 91.9, 92.3 and 93.0. Interbeds are otherwise of massive nature. Bedding core angles as follows:- 91.8 50° 101.6 60° 132.1 65° 134.9 45° 146.6 50° 147.8 65° 159.5 45° 170.3 50° 172.3 45° 181.5 65° 192.3 60°														

STP 232A-1

Sample No.	From	To	Core Rec'd	Sample Length	Assay Data per ppm Pb	Zn	Cu	Ag	Au	Fe%	Mn	As	Sn
41624G	63	65	2	2	435	100	25	0.5	X	2.0	560	58	X
625G	65	70	5	5	605	510	130	3.5	X	6.2	2250	92	X
626G	70	75	5	5	280	1850	180	3.0	X	6.5	2750	240	68
627G	75	80	5	5	5	145	200	1.0	X	7.1	1850	47	X
628G	80	85	5	5	30	120	20	0.5	X	3.5	2550	210	X
629G	85	90	5	5	90	215	40	1.0	X	5.3	1400	86	10
41630G	90	95	5	5	30	70	20	0.5	X	3.05	1300	38	X
631G	95	100	5	5	50	120	45	1.0	X	4.55	2650	68	X
632G	100	105	5	5	50	110	85	2.0	X	5.2	1050	1500	X
633G	105	110	5	5	35	150	20	0.5	X	2.95	1750	80	X
634G	110	115	5	5	200	630	95	1.0	X	4.75	2350	280	X
635G	115	120	5	5	145	2250	55	0.5	0.008	6.0	2650	160	10
636G	120	125	5	5	15	160	10	X	X	5.0	1500	39	X
637G	125	130	5	5	220	2000	20	X	0.008	3.0	1450	58	X
638G	130	135	5	5	65	185	20	X	X	2.85	1900	74	X
639G	135	140	5	5	20	35	10	X	X	2.1	705	24	X
41640G	140	145	5	5	75	105	40	X	X	3.5	2200	37	X
641G	145	150	5	5	20	30	45	X	X	3.25	1900	47	X
642G	150	155	5	5	45	90	35	X	0.008	3.75	3100	49	X
643G	155	160	5	5	105	195	35	X	X	3.1	2200	41	X
644G	160	165	5	5	25	55	35	X	X	2.15	1100	26	X
645G	165	170	5	5	45	180	35	X	X	2.3	755	7	X
646G	170	175	5	5	55	100	25	X	X	1.95	590	21	X
647G	175	180	5	5	20	25	25	0.5	X	1.85	565	21	X
648G	180	185	5	5	25	365	65	X	X	3.05	1000	41	X
649G	185	190	5	5	20	35	230	X	X	2.5	1000	22	X
41650G	190	195	5	5	195	415	70	X	X	2.9	1400	73	X
651G	195	198.2	3.2	3.2	30	25	70	X	X	2.2	500	30	X

SHLMET SYSTEM
METRIC
DECIMAL POINTS AS REQUIRED

GOLD ASSAYS IN PPM – 30gm FIRE ASSAY, AT ANALABS, PERTH.

The Shell Company of Australia Limited
METALS DIVISION

DRILL LOG SHEET

CONTINUATION SHEET

PROJECT	STERLING VALLEY	HOLE NAME	STP 232 A-1
LOGGED BY	R.A. SAINTY, EZ, 1981	TOTAL DEPTH	198.2M

SAMPLED BY: J.G. PURVIS, SHELL, 1986.

ASSAY INFORMATION

DISTANCE FROM COLLAR TO TOP	TO BOTTOM	Au	SAMPLE Nº	CORE ANGLE	ROCK TYPE	DIAM	DESC CODE	GRAPHIC LOG	DESCRIPTIVE LOG
									FOR GEOLOGICAL LOG SEE EZ LOG.
63.00	66.90	0.017	13406						SPLIT CORE
66.90	68.20	0.233	13407						" "
68.20	69.20	0.017	13408						" "
69.20	71.30	<0.008	13409						" "
71.30	72.30	<0.008	13410						" "
72.30	73.80	0.075	13411						" "
73.80	75.00	0.017	13412						" "
75.00	76.90	0.008	13413						QUARTERED CORE
76.90	78.60	<0.008	13414						" "
78.60	80.30	<0.008	13415						SPLIT CORE
80.30	82.00	<0.008	13416						" "
82.00	84.00	<0.008	13417						" "
84.00	86.00	<0.008	13418						" "
86.00	88.00	0.142	13419						" "
88.00	90.00	<0.008	13420						" "
90.00	92.00	<0.008	13421						" "
92.00	94.00	<0.008	13422						" "
94.00	96.00	<0.008	13423						" "
96.00	97.50	<0.008	13424						" "
97.50	98.90	<0.008	13425						" "
98.90	100.00	0.017	13426						QUARTERED CORE
100.00	101.00	<0.008	13427						SPLIT CORE.
101.00	103.00	<0.008	13428						" "
103.00	105.00	<0.008	13429						" "
105.00	107.00	<0.008	13430						" "
107.00	109.00	<0.008	13431						" "
109.00	111.00	0.050	13432						" -
111.00	112.00	0.017	13433						" -
112.00	112.85	0.050	13434						QUARTERED CORE
112.85	114.50	0.040	13435						SPLIT CORE
114.50	116.00	0.008	13436						" "
116.00	118.00	0.025	13437						" "
118.00	120.00	0.040	13438						" "
120.00	122.00	0.008	13439						" "
122.00	124.00	<0.008	13440						" "
124.00	126.00	<0.008	13441						" "
126.00	128.00	<0.008	13442						" "
128.00	130.00	<0.008	13443						" "
130.00	131.30	<0.008	13444						" "