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

DIAMOND DRILL CORE RECORD

HOLE No. STP 232A-1 1 of 3

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

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	SAMPLE NO.	FROM	TO	CORE REC'D	ASSAY DATA per ppm Mn	Zn	Cu	Ag	Pb	Fe%	As	Sn	CORE REC'D RUN	SHORT
0	63.0	GLACIAL COVER		Split												63	-
																63.9	0.65
63.0	198.2	FARRELL GROUP	64.7–66.9 trace -2% stringer + wisps py assoc with silicification and qtz veining. Bad recovery													64.7	0.65
																65.7	0.75
63.0	101.6	Argillaceous sandstone and intercalated/ interbedded black shale.														66.9	1.0
				48404	67.0	68.0	1.0	875	80	325	1.0	15	5.05	31	3100	68.2	-
		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.	66.9–68 2–5% stringers of po + lesser py + tr bleb sp assoc with qc veining													69.2	0.4
				405	74.7	75.7	1.0	855	220	370	1.5	30	5.5	16	5	71.3	0.3
																72.3	0.4
			68–72.1 Tr diss cubic py + tr sp (0.5–10.mm) + trace gn	407	75.7	76.7	1.0	825	105	485	2.0	15	6.45	200	45	75.4	-
				408	76.7	77.7	1.0	730	85	365	1.5	5	6.7	14	10	76.9	0.2
				409	77.7	78.7	1.0	710	80	325	0.5	10	5.85	16	18	79.5	-
		The carbonate content is generally weak in the sandstone where qtz-carbonate veinlet webbing is occassionally developed	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													80.3	-
				48410	98.9	99.9	1.0	1200	25	135	125	0.5	8.9	44	30	82.5	-
				411	99.9	100.9	1.0	1400	35	135	75	0.5	9.8	35	X	83.7	-
																85.5	-
				412	104.6	104.9	0.3	685	365	115	845	14.5	5.55	4.5	X	86.7	-
																89.8	-
			74.7–78.9 2–5% patchy stringers + + wisps of po + lesser py within qc veining	413	112.0	113.2	1.2	1550	100	190	160	1.5	4.9	520	1	91.5	-
																94.5	-
																95.9	-
			78.9–198.2 Tr–locally 1% v. weakly diss cubic py, with the following spot instances of qc-sulphide veining													99.0	-
																101.4	-
																103.5	-
																106.5	-
			81.25–81.3 Tr diss sp + gn within carbonate													109.4	-
																110.4	-
			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)														

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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	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														

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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
		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°	191.8-192.0 Trace sp stringers within carbonate veinlets.													

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