

ELECTROLYTIC ZINC CO. OF ASIA LTD. ROSEBERY - TASMANIA		DIAMOND DRILL CORE RECORD					01 HOLE No. (197) CHP 238 1 of 5				
LOCATION	Colebrook Hill	TOTAL DEPTH	230m	03			02				
OBJECTIVE	To test coincident magnetic, E.M., and E.I.P. anomalies.	HOLESIZE	HQ -12m NQ-63m BQ-	9-12 Metre	13-16 Direction	17-18-21 Dip.	8-12 Metre	13-16 Direction	17-18-21 Dip.	ORE DIP. (8-11)	45°
RESULT	Geophysical anomalies due to disseminated and veinlet pyrrhotite. Low grade Sn mineralisation intersected.	COMMENCED	8.11.82	77	080°	41°				COLLAR DIP. (12-15)	087° AMG
		COMPLETED	18.11.82	128	089°	37°				R.L. (20-23)	489.1
		LOGGED BY	I.J. Mathison	179	094°	30°				CO-ORDS. 5,371,022.9N 374,974.6E	
				230	096°	26°				LOCATION	Colebrook Hill

METRE		ROCK DESCRIPTION	MINERALISATION	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
0	12.0	Non core drilling												0	-
12.0	26.2	Oxidised pale brown, fine grained clayey wacke with rare thin siltstone bands. Core rubbly in places. cba 30												12.0	NR
														14.0	0.2
														17.0	0.5
														20.0	2.1
														23.0	1.0
														26.0	1.4
26.2	32.0	Rubbly, iron stained, bleached fine grained wacke and indurated grey siltstone, thin limonite coatings on fractures.												29.0	0.5
														32.0	2.2
														35.0	1.2
														38.0	2.0
32.0	38.0	Oxidised pale brown, fine grained clayey wacke - often rubbly												40.0	0.1
														41.0	-
														44.0	-
38.0	42.3	Partially oxidised and slightly leached grey, fine grained wacke - core irregularly broken. Vugs possibly represent carbonate grains and patches.												47.0	-
		Base of significant oxidation												50.0	-
														53.0	-
														56.0	-
														59.0	-
														62.0	-
42.3	43.4	Gray, fine grained, siliceous wacke. Sparse thin carbonate veins.												63.0	-
														65.0	-
														68.0	-
														71.0	-
43.4	54.0	Gray and dark grey "Crackle breccia" formed by soft sediment brecciation of wacke and siltstone with rehealing by quartz-carbonate veinlets. 30cm massive quartz-carbonate after 48.5	Irregular thin pyrite veins 46.4-46.8. 5cm magnetite with minor pyrrhotite at 52.8											74.0	-
														77.0	-
														80.0	-
														83.0	-
														86.0	-
														89.0	-
54.0	58.0	Green grey and gray fine grained wacke and siltstone. Minor irregular quartz-carbonate veining.												92.0	0.10
														95.0	-
														98.0	-
														101	-
58.0	62.4	Dark gray and gray fine grained wacke.	~5% pyrrhotite as thin blebs along bedding and as veinlets.											104	-
														107	-
														110	-
														113	-

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ELECTROLYTIC ZINC CO OF ASIA LTD
ROSEBERY - TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No. CHP 238 3 of 6

A 11241

METRE		ROCK DESCRIPTION	MINERALISATION	SAMPLE No.	8-13 FROM	14-19 TO	CORE REC'D	ASSAY DATA							CORE REC'D		
FROM	TO							Sample Length	20-25 Pt%	26-31 Zn%	32-37 Cu%	38-43 Ag g/t	44-49 Au g/t	50-55 Fe%	RUN	SHORT	
		90.8 Sample for thin section (53303) 91.1 Sample for thin section (53304)															
91.3	98.0	Green grey mudstone, siltstone & fine grained wacke. Good evidence of uphole (west) facing from grading and scour and fill	~10% pyrrhotite in veins, veinlets and disseminated 2cm pyrrhotite+chalcopyrite +arsenopyrite at 91.8														
98.0	104.6	Dark grey to green grey medium grained lithic wacke to mudstone-laminated in places 98.2 Sample for thin section (48268)	3cm pyrrhotite & chalcopyrite at 100.8. Minor disseminated & veinlet pyrrhotite														
104.6	107.4	Dark grey and green grey disturbed siltstone and mudstone - only rarely calcareous.	~10% pyrrhotite as veinlets & disseminated.														
107.4	115.8	Pale green grey lithic wacke to mudstone bedding often disturbed by soft sediment deformation. Good uphole (west) facing at 111.2 - mudstone fragments at base of coarse lithic wacke.	~5% pyrrhotite in veinlets and blebs - increasing to end with minor pyrite.														
115.8	118.2	Dark green grey foliated medium grained volcanic arenite with calcareous cement. Grains are well sorted and rounded. Numerous thin carbonate veins.	Minor pyrrhotite & pyrite in veins.														
118.2	128.0	Green grey medium grained lithic wacke to siltstone. Bedding often disturbed by soft sediment deformation. 20cm carbonate breccia with 20cm volcanic arenite at 120.5	<5% pyrrhotite disseminated and in veinlets.														
128.0	133.0	Dark grey fine grained wacke. Minor carbonate veining.															
133.0	135.5	Green grey siltstone - laminated in places - some soft sediment deformation.															

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ELECTROLYTIC ZINC CO OF A'ASIA LTD
ROSEBERY - TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No. CHP 238 4 of 6

A 11241

METRE		ROCK DESCRIPTION	MINERALISATION	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%	RETURN	SHORT	
135.5	137.8	Dark grey, medium grained, foliated, volcanic arenite - rounded basic volcanic fragments in carbonate cement. 136.8 Sample for thin section (48269)															
137.8	142.2	Dark grey and green grey fine grained wacke and siltstone. Quartz carbonate veins with patches of chloritization common.	Minor pyrrhotite and trace chalcopyrite in quartz-carbonate veins.														
142.2	144.6	Greenish grey intensely veined wacke. Vein material disrupted by deformation.															
144.6	149.7	Greenish grey fine grained wacke to siltstone. Irregular quartz carbonate veins. cba 50	Minor pyrite in quartz carbonate veins.														
148.7	153.1	Dark grey, medium grained volcanic wacke to siltstone. Grading indicates down-hole (east) facing.	Minor blebs of pyrrhotite														
153.1	158.8	Dark grey, very disrupted, sheared and intensely veined calcareous siltstone 156-157 thin medium grained carbonate bed.	153.2-153.5 ~30% pyrrhotite with minor chalcopyrite in chloritic carbonate veins														
158.8	171.0	Dark grey and green grey soft sediment slump breccia of wacke and siltstone fragments. Some early carbonate veins also disrupted. Carbonate veins common. 168.2 Sample for thin section (48270)	Rare pyrrhotite blebs and veinlets														
171.0	175.0	Dark grey mudstone with some thin limestone and wacke units - patches of intense carbonate veining and replacement. Grading indicates uphole (west) facing.	~20% pyrrhotite as massive replacements, veinlets and bedded disseminations														
175.0	182.2	Pale grey stylolitic limestone - bedded with thin muddy bands in places. 182.5 Sample for thin section (48271)	10-20% pyrrhotite in veinlets start to 177.2 & 185.5 to end. Irregular magnetite veinlets & disseminated magnetite 177.3-177.8														

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ELECTROLYTIC ZINC CO OF ASIA LTD
ROSEBERRY - TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No. **CHP 238** 5 of 6

A 11241

METRE		ROCK DESCRIPTION	MINERALISATION	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%	FUN	SHORT	
186.2	187.0	Contorted and brecciated mudstone - dark grey & grey green	~20% pyrrhotite in veins & replacements														
187.0	191.5	Cycles of grey wacke to dark grey shale - cycles 40-50cm. Numerous pyritic beds - many replaced & remobilised as pyrrhotite. Consistent uphole facing	5cm pyrite 188.5 1cm pyrite 188.8 & 189.8 1cm pyrrhotite 190.7, 190.8 & 191.2														
191.5	193.0	Brecciated and veined wacke and shale	~20% pyrrhotite in coarse sediments & veinlets.														
193.0	200.0	Cycles of grey fine grained wacke to black shale with 1-5cm pyrite or pyrrhotite beds every 50cm approx. cba 70. Consistent uphole facing. Bedding plane cleavage.	Pyrite beds & pyrrhotite bands - average one every 50cm.														
200.0	205.0	Grey fine grained wacke to black shale - laminated and with bedding plane cleavage	2cm pyrrhotite 202.8 5cm pyrite 205.0 Other thin bands 204.5														
205.0	107.0	Brecciated black shale, minor limestone and siltstone. Fracture system at 30 to core.	~20% pyrrhotite & pyrite as blocks, veins & patches.														
207.0	215.5	Black shale & siltstone with contorted laminations & disrupted bedding. No bedding plane cleavage.															
215.5	221.5	Black shale, siltstone & grey fine grained wacke. 219.7 Sample for thin section (48272)	~10% pyrrhotite & minor pyrite pyrite as veins, replacements & thin beds. 20cm pyrite bed at 219.5 in fine grained wacke.														
221.5	225.4	Grey fine grained wacke to black shale with bedding plane cleavage. cba 60	3cm pyrrhotite 223.4 1cm " 223.1 2cm " 225.1														
225.4	230	Slumped fine grained wacke, siltstone & black shale															
	ECH																

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ELECTROLYTIC ZINC CO OF ASIA LTD
ROSEBERY - TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No. CHP 238 6 of 6

A 1121

FOOTAGE		ROCK DESCRIPTION	MINERALISATION	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
		<u>SAMPLES FOR PETROPHYSICAL MEASUREMENTS</u>														
		48273 84.1m														
		48274 93.0m														
		48275 102.0m														
		48276 154.0m														
		48277 179.0m														
		48278 187.0m														
		48279 218.5m														
		<u>Refer to Report by D. Emerson</u>														
		<u>Samples 48264 - 272 described in C.M.S. Report 82/11/37</u>														
		<u>Samples 53303 - 04 described in C.M.S. Report 82/1/3</u>														

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