

ELECTROLYTIC ZINC CO. OF ASIA LTD.  
ROSEBERY - TASMANIA

DIAMOND DRILL CORE RECORD

01  
HOLE No. (137) CHP 240 1 of 7

LOCATION Colebrook Hill  
OBJECTIVE To test conductive body detected below CHP 228 by down hole SIROTEM survey.

TOTAL DEPTH 211 4m

03

8-12

Footage

50

52

140

178

212

A.M.G.

Direction

100

101

107

114

110

17-18-21

Dip.

63

62

61

61

60

8-12

Footage

250

284

A.M.G.

Direction

110

110

17-18-21

Dip.

59

58

02

ORE DIP. (8-11)

COLLAR DIP. (12-15) 64°

DIRECTION (16-19) 100AMG

R.L. (20-23) 477.3

CO-ORDS. 374,950.5E 5,371,702.9N

LOCATION Colebrook Hill

RESULT Hole intersected two bands, 181-205 and 222.5-229 of massive and semi-massive pyrrhotite + chalcocopyrite within a zone of intense calc-silicate alteration (181-185 ave 1.85% Cu 188-124 av 1.18% Cu)

LOGGED BY I.J. Mathison

FOOTAGE		ROCK DESCRIPTION	MINERALISATION	ASSAY DATA										CORE REC'D	
FROM	TO			SAMPLE No.	8-13 FROM	14-19 TO	CORE REC'D	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	12.0m	Non core drilling												0	
12.0	20.0m	Indurated green grey and dark grey fine to medium grained volcanic wacke and siltstone. Craded bedding and scour and fill give good up hole (west) facing; c.b.a. 35°												12.0	NR
20.0	29.0m	Indurated green grey fine grained volcanic wacke and dark grey siltstone. Incipient bleaching around irregular fractures and some thin permeable beds. c.b.a. 50°													
29.0	38.0m	As above. c.b.a. 45°	35-36 Thin quartz, +actinolite +pyrrhotite +chalcocopyrite vein & very thin sulphide veins - pyrrhotite+chalcocopyrite+arsenopyrite												
38.0	47.0m	Indurated dark grey siltstone & green grey volcanic wacke. Bedding possibly sheared c.b.a. 30°	Several thin (0.5-2cm) quartz +chlorite+sulphide and sulphide veins - sulphides pyrrhotite+chalcocopyrite+arsenopyrite												
47.0	54.5m	As above - some tectonic brecciation rehealed by quartz+chlorite with minor sulphides	52.9 Small patch of quartz + pyrrhotite+chalcocopyrite and associated sulphide veinlets												
54.5	65.6m	Indurated green grey volcanic wacke and minor dark grey siltstone. Incipient bleaching around irregular fractures c.b.a. 30°													

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ELECTROLYTIC ZINC CO OF ASIA LTD  
ROSEBERY - TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No. CH2.240. 2 of 7

A 11241

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
65.6	71.4m	Indurated dark grey siltstone and green grey volcanic wacke.	Several thin (0.5-4cm) quartz +sulphide and sulphide veins & scattered irregular quartz sulphide veinlets. Sulphides = pyrrhotite+chalcopyrite One thin arsenopyrite+sulphide vein													
71.4	78.5m	Indurated green grey volcanic wacke and dark brown siltstone. Rocks bleached pale green grey in bands & patches. C.P.A. 45°	N.V.M.													
78.5	81.5m	Green grey indurated volcanic wacke.	Two sets thin quartz sulphide veins 35° & 70° to core axis; 2% pyrrhotite+chalcopyrite+arsenopyrite													
81.5	86.5m	Dark grey indurated siltstone- brecciated silicified and annealed in patches.	Similar cross cutting veins to above but much less common.													
86.5	88.8m	Indurated green grey volcanic wacke														
88.8	93.0m	Indurated dark grey siltstone and fine grained volcanic wacke. Irregular pale green alteration along microfractures increasing.														
93.0	96.0m	Dark grey siltstone and green grey volcanic wacke with common pale green alteration around irregular cross cutting fractures. Patches of brecciation rehealed by quartz.														
96.0	104.0m	Green grey volcanic wacke and banded silicified siltstone. Bedding planes often disturbed along rehealed microfractures and brecciation. c.b.a. 35°														
104	107.0m	Indurated dark grey siltstone	Occasional thin quartz+calcite+pyrrhotite+chalcopyrite veins and pyrrhotite veinlets													

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ROSEBERY - TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No. C/P 240 3 of 7

A 11241

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	
107.0	110.0m	Indurated dark grey siltstone and green grey altered siltstone. Bedding disrupted	3% pyrrhotite+chalcopryrite disseminated in irregular veinlets, in brecciated zones and in rare thin quartz veins.														
110	114.0m	Dark grey and green grey disrupted siltstone.	Minor pyrrhotite with chalcopryrite and arsenopryrite with small patches of quartz.														
114	115.3m	Brecciated altered siltstone-silicified and mineralised	20% pyrrhotite+chalcopryrite +arsenopryrite. po+cp as idss-disseminated replacements & asp+cp in thin veins.														
115.3	119.0m	Indurated dark grey siltstone and fine grained volcanic wacke. Bedding planes disrupted	2% pyrrhotite and minor chalcopryrite disseminated and in veinlets.														
119	124.0m	Indurated dark grey siltstone and green grey volcanic wacke.	5cm pyrrhotite+chalcopryrite at 121. 7cm quartz +po+cp at 121.3, minor disseminated and veinlet po+cp														
124	131.0m	Interbedded brown and dark grey indurated siltstone. Bedding often disrupted - cba 40°	5-10% pyrrhotite with minor chalcopryrite and arsenopryrite as irregular veinlets and replacements and as thin conformable bands														
131	135.0m	Dark grey fine grained volcanic wacke bleached pale green in patches	2% pyrrhotite in irregular veinlets.														
135	137.3m	Brown and dark grey indurated siltstone Bedding often disrupted - cba 35° 136.0 15cm breccia rehealed by quartz + actinolite+minor chalcopryrite	5% pyrrhotite as veinlets and thin conformable berds														
137.3	139.4m	Dark brown and green grey siltstone and volcanic wacke. Minor dark green hornblende alteration at 139.2, cba 20°	5-10% pyrrhotite and minor chalcopryrite within conformable berds and veinlets														
139.4	140.4m	Brecciated siltstone and volcanic wacke with moderate quartz and dark green hornblende alteration.	5% pyrrhotite and chalcopryrite in veinlets														

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ROSEBERRY - TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No. CHP 240 4 of 7

A 11241

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	
140.4	141.1m	Brecciated dark grey siltstone and ?basalt	5% arsenopyrite as open space fillings and replacements, predominantly in altered ?basalt														
141.1	142.4m	Dark grey annealed breccia of cherty siltstone - minor carbonate veining	5% pyrrhotite and minor chalcopyrite in veinlets rehealing breccia.														
142.4	147.4m	Brown and dark grey siltstone and fine grained volcanic wacke with patches of quartz actinolite alteration, cba 35°	5% pyrrhotite and chalcopyrite as veinlets through country rocks and replacements in alteration.														
147.4	158.9m	Brown and dark grey siltstone and volcanic wacke bleached pale green around thin quartz-actinolite veins and patches	Minor pyrrhotite in veinlets throughout. Pyrrhotite+arsenopyrite and minor chalcopyrite veining over last 20cm														
158.8	163.0m	Dark green grey altered volcanic wacke - cross fracturing rehealed by quartz actinolite veinlets	2-3% pyrrhotite and minor chalcopyrite in irregular veinlets, replacements and thin veins.														
163	166.0m	Brown and dark grey thin bedded siltstone and volcanic wacke. Some quartz-actinolite alteration in more fractured zones	10% pyrrhotite as thin conformable bands and cross cutting veinlets.														
166	169.3	Dark green fine grained volcanic wacke and interbedded siltstone. Patches of quartz actinolite alteration with minor axirite 169.3-246.2 Zone of intense calc silicate alteration and sulphide mineralisation	Very minor chalcopyrite in chlorite veinlets.														
169.3	170.0m	Dark green intensely altered volcanic wacke. ?xinite and quartz+actinolite alteration	Minor disseminated chalcopyrite														
170	171.5m	Dark green altered volcanic wacke - carbonate alteration	5% chalcopyrite and 5% pyrrhotite. Cp disseminated and also associated with patches of pyrrhotite														

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ROSEBERY - TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No. .... CIP 240 5 of 7

A 11241

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	
171.5	176.0m	Mauve axinite rock and pale green quartz +actinolite+axinite+calcite															
176	181.0m	Green altered volcanic wacke, siltstone and pale grey chert. Patches of mauve axinite and dark green hornblende.	1-5% disseminated and veinlet pyrrhotite with minor chalcoppyrite.														
181	190.0m	Mineralised axinite rock and intensely altered volcanic wacke and siltstone. Possible bedded pyrrhotite 185-187, cba 55-60°	10-50% sulphides - pyrrhotite with 2-5% chalcoppyrite. Occasional arsenoppyrite veinlets cut earlier sulphides														
190	194.0m	Massive and banded pyrrhotite and dark green hornblende. Small patches of axinite and pale green actinolite, cba 45-70°	50-70% pyrrhotite with 3-5% chalcoppyrite as massive and banded replacements														
194	197.0m	Dark green hornblende rock grading to mauve and pale green axinite-actinolite rock	10-30% pyrrhotite 1% chalcoppyrite, and trace arsenoppyrite														
197	199.1m	Banded axinite-actinolite-pyrrhotite rock cba 60°	20% pyrrhotite, 2% chalcoppyrite and minor arsenoppyrite														
199.1	200.4m	Dark green altered volcanic wacke and dark brown chert with small patches axinite + actinolite	Minor pyrrhotite and chalcoppyrite in axinite-actinolite rock. Minor latestage arsenoppyrite in fractures & veins														
200.4	201.0m	Axinite-actinolite-pyrrhotite rock	30% pyrrhotite and 3% chalcoppyrite														
201	203.0m	Altered volcanic wacke, siltstone and brecciated dark brown chert. Patches of axinite + actinolite	10-20% pyrrhotite as conformable bands and veinlets 1% chalcoppyrite and minor arsenoppyrite.														
203	205.0m	Actinolite-axinite-pyrrhotite rock - banded in places, cba 50°	30-40% pyrrhotite and 1-2% chalcoppyrite														
205	209.0m	Dark green altered volcanic wacke with bands and patches of mineralised axinite-actinolite rock	5-10% pyrrhotite and minor chalcoppyrite and arsenoppyrite disseminated and in veinlets														

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ROSEBERY - TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No. GR-240 5 of 7

A 11241

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	
209	211.1m	Banded pyrrhotite-actinolite rock with minor axinite and quartz veinlets cba 50°	60% pyrrhotite and 3% chalcopyrite														
211.1	215.0m	Banded axinite-actinolite rock and dark green altered volcanic wacke, cba 40-45°	5% pyrrhotite and minor chalcopyrite														
215	218.0m	Fale green grey actinolite limestone	Minor disseminated pyrrhotite throughout 5mm pyrrhotite + arsenopyrite vein at 216.4														
218	222.5m	Pale green grey actinolite limestone with thin beds of dark grey siltstone cba 50-60° conformable pyrrhotite bands.	10% pyrrhotite with minor arsenopyrite and chalcopyrite in bands and patches.														
222.5	223m	Pyrrhotite with axinite and actinolite.	70% pyrrhotite and 3% chalcopyrite.														
223	229m	Mineralised banded actinolite-axinite+ calcite rock with thin dark green grey siltstone bands. Cba 40-60° often disrupted by shearing.	20% pyrrhotite in irregular cross cutting veinlets and replacement patches.														
229	233.8m	Dark green grey volcanic wacke and bands of actinolite-axinite rock.	5-10% pyrrhotite with minor chalcopyrite and arsenopyrite as irregular replacements and veins.														
233.8	246.2m	Dark green grey volcanic wacke and dark grey cherty siltstone with bands and patches of actinolite-axinite rock Cba 40-60°	Minor pyrrhotite and chalcopyrite in some patches actinolite-axinite rock and occasional thin irregular chalcopyrite and arsenopyrite veins														
246.2	251.7m	Dark brown siltstone (not indurated) with some small patches and veins of axinite-actinolite and quartz+hornblende veins	Occasional pyrrhotite+chalcopyrite veins. Minor sulphides associated with amphibole veins and patches.														
251.7	254m	Dark brown siltstone with occasional quartz veins	Rare thin chalcopyrite veins														

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HOLE No. CHP 240 7 of 7

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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	
254	257m	Dark brown siltstone with several cross cutting sulphide veins and irregular quartz-carbonate veinlets	Minor pyrrhotite and chalcopyrite in sulphide and quartz sulphide veins.														
257	278m	Dark brown cherty siltstone and fine grained volcanic wacke. Small patches and bands of green alteration. Cba 40-50°	260-260.3m Quartz+pyrrhotite+chalcopryrite vein. Elsewhere occassional quartz pyrrhotite veinlets and rare thin veins.														
278	291.4m	Dark brown siltstone and fine grained volcanic wacke. Very minor green alteration along some fractures. Cba 45°	Irregular veins and veinlets with pyrrhotite and chalcopyrite in quartz or carbonate														
	ECH																

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