Form No. W.C.D. 404 — A 17250

ELECTROLYTIC ZINC CO. OF AUSTRALASIA LTD.

ROSEBERY — TASMANIA

HOLE No. 3F

DIAMOND DRILL CORE RECORD

PLOTTED

40 Plan
40 Sect
L.P.
100 Plan
100 Sect

SUMMARY

OBJECT	RESULT
To test for depth continuation of the Farrell lode at the North Mount Farrell Mine.	The lode channel represented by a zone of contorted slates was intersected 700' vertically beneath 10 level. No economic sulphide mineralisation was present.

SURVEY DATA

Footage	Direction	Angle
100		-84 3/4
200		-83 1/2
300		-82 3/4
400		-82 1/4
500		-81 1/4
600	57 1/2° G	-81
700	69° MMG	-77 1/2
800		-73
900	62° G 75° MMG	-70

Mine: Farrell
Location: Farrell Surface
Co-ords: 8203.23N 8661.94E
R.L.: 10578.30
Direction: 90° Magnetic 101°.29' MMG
Angle: -85°
Total Depth: 2054 ft.
Hole Size: BXWL
Date Commenced: 4/3/66
Date Completed: 3/2/67
Logged by: GMB.KAS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	FROM	TO	FEET	CORE REC'D	ASSAY DATA Pb %	Zn %	Cu %	Ag Oz./Ton	Au dwts.	Fe %	DIPS FOOTAGE	DIPS ANGLE
0	21	No core.						1000		-61			1635	65
21	44	Fine grained light to dark green highly chloritic pyroclastics, highly sheared with numerous carbonate stringers.						1100		-45 1/2			1665	82
44	100	Medium grained green chloritic pyroclastics with numerous grey and pink feldspar phenocrysts.						1200		-36 1/2			1718	78
100	139	Fine grained green highly chloritic pyroclastics with occasional carbonate veinlets. Quartz veins at 116, 126 and 131 ft.						1300		-24 1/2			1731	79
139	298	Medium grained grey feldspathic pyroclastics moderately chloritic. Pyroclastics badly sheared and brecciated from 139 to 149 ft., core highly sheared from 184 to 196ft. Fine grained grey pyroclastics with occasional small chlorite patches.						1400		-22			1746	76
298	392	Fine grained dark green highly chloritic pyroclastics with occasional quartz and carbonate veinlets. White quartz veins at 358ft.						1500		-18			1779	72
392	486	Medium grained greenish grey mottled chloritic pyroclastic with abundant white feldspathic phenocrysts, occasional quartz and carbonate veinlets, trace of pyrite at 418ft. Hematitic staining alont fracture from 427 to 428ft. reddish hematitic staining from 481 to 486 ft.											1808	69
486	505	Medium grained green chloritic pyroclastics abundant with white feldspar phenocrysts. White vein type quartz from 489 to 491ft.											1831	80
		Fine grained dark green highly chloritic pyroclasts from 492 to 496ft. Fault 5 degrees to core axis from 496 to 498 ft.											1852	79
505	574	Fine grained dark green highly chloritic pyroclastics with occasional carbonate veinlets.											1884	73
574	735	Medium grained green moderately chloritic pyroclastics with numerous small white feldspar phenocrysts. Pink feldspar phenocrysts from 650 to 677 and from 690 to 710ft.											1929	64
735	750	Fine grained green moderately chloritic pyroclastics with occasional quartz and carbonate veinlets.											1992	71
750	812	Fine grained light green to buff coloured pyroclastics with frequent white feldspar phenocrysts and occasional white quartz veinlets. White quartz vein at 787, 790 and 792 ft.											2013	70

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812	930	Medium grained green moderately chloritic pyroclastics with numerous small white feldspar phenocrysts. White quartz veins at 872, 878, 895, and 916 ft.															
930	938	Fine grained to medium grained pale green slightly chloritic pyroclastics, minor faulting 40 degrees to core axis.															
938	1004	Medium grained green moderately chloritic pyroclastics with numerous small white felspar phenocrysts, occasional carbonate veinlets.															
1004	1127	Fine grained strongly sheared highly chloritic pyroclastics with numerous carbonate veinlets. Shearing at 70 degrees to core axis.															
1127	1247	Fine grained pale green moderately to strongly sheared pyroclastics with numerous carbonate veinlets. Badly fractured core from 1176 to 1199 and from 1233 to 1247 ft.															
1247	1265	Fine grained pale green slightly chloritic pyroclastics, frequent irregular quartz veinlets resulting in a banded appearance in places, finely disseminated pyrite throughout.															
1265	1347	Fine grained pale green moderately chloritic pyroclastics with numerous quartz and carbonate veinlets. Large white quartz veins 4 to 8 inches wide at 1321 ft. 1324ft. 1327ft. 1329ft. and 1335ft.															
1347	1379	Fine grained slightly chloritic pyroclastics with numerous white feldspar phenocrysts. Traces of pyrite at 1370 to 1379 ft., bleb of pyrite at 1372 ft.															
1379	1520	Fine grained pale green pyroclastics with occasional veinlets of carbonate and quartz. White quartz veins at 1417 ft. and 1424ft., numerous narrow carbonate veins at 1424 to 1428ft. half inch wide veinlet of chalcopyrite at 1485ft. disseminated pyrite at 1499ft. 1518 and 1520ft.															
1520	1533	Fine grained pale green highly sheared sericitic pyroclastics with a banded appearance.															
1533	1604	Fine grained moderately chloritic green pyroclastics with carbonate and quartz veinlets, pyroclastics become highly silicified from 1590 to 1604 ft. Traces of chalcopyrite at 1557ft. and 1583ft. Traces of pyrite at 1580 ft. 1582 and 1595 ft. small blebs of chalcopyrite from 1596 to 1600 ft.															
1604	1635	Highly contorted tuffaceous black slate, very siliceous at 1610, 1611 and 1615 ft. trace of pyrite at 1614 ft.															
1635	1680	Tuffaceous black slate with numerous siliceous and carbonaceous seams, white quartz vein at 1647ft. Several narrow seams of pyrite from 1644 to 1645 ft.															
1680	1689	Black slate with numerous carbonate veinlets. 1682 to 1683 ft. grey slate.															
1689	1818	Grey slate with occasional carbonate veinlets. From 1756 to 1766 highly sheared grey slate.															
1818	1865	Contorted tuffaceous grey slate with frequent veinlets of quartz and carbonate occasional inclusions of black slate present.															
1865	1938	Fine grained dull black slate with occasional thin veinlets of carbonate, trace of pyrite throughout.															

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		Numerous quartz and carbonate veinlets from 1887 to 1891ft., of carbonate and pyrite at 1890ft.	veinlet														
1938	1953	Sheared and highly contorted pyritic black slate with numerous carbonate veinlets and occasional blebs of quartz. From 1940 to 1950ft., 5ft. of core. 1952 to 1965ft. 13' of core. 1974 to 1987ft. 9' of core.															
1953	1963	Sheared pyritic black slate with numerous narrow quartz and occasional carbonate veins, with a six inch quartz vein at 1958ft.															
1963	1968	Sheared and very highly contorted pyritic black slate with numerous fine quartz and carbonate veins. Quartz rich zones with minor irregular patches of carbonate and slate at 1971 to 1972 ft. 1976 to 1978, and 1985 to 1986ft.															
1988	2033	Uncontorted black slate with very fine quartz and carbonate veins and minor disseminated pyrite. At 2020½ft. quarter inch seam of fine grained pyrite and at 2025½ to 2026 contorted slate with quartz veining.															
2033	2036	More broken black slate with thin contorted zones, and disseminated pyrite.															
2036	2039	Softer crumbly somewhat contorted slate with quartz, rather leached appearance.															
2039	2041	Black uncontorted slate.															
2041	2043	Sheared and contorted black slate.															
2043	2054	Fairly massive slate with narrow quartz and carbonate veins.															