FORM No. W.C.M. 404 — A 50749

ELECTROLYTIC ZINC CO. OF AUSTRALASIA LTD.

ROSEBERY — TASMANIA

HOLE No. B54

DIAMOND DRILL CORE RECORD

PLOTTED	SUMMARY		SURVEY DATA			
	OBJECT	RESULT	Footage	Direction	Angle	
40 Plan 40 Sect L.P. 100 Plan 100 Sect	To test the lode channel at 11400N on 10 level	Sub economic mineralisation was encountered from 216 to 216½, 218 2/3 to 220, 226½ to 227 and 238½ to 239 feet.	50 100 150		-68½ -63¼ -60	

Mine: New North Mt. Farrell
Location: 9 Level 11300N X Cut W
Co-ords: 11381N 10156E
R.L.: 9868
Direction: 085 Farrell Grid
Angle: -72
Total Depth: 250
Hole Size: BXWL
Date Commenced: 12-9-71
Date Completed: 19-10-71
Logged by: D.H.R. - P.M.W.

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	100'	Very fine grained bedded black slate with numerous very thin to ½" quartz carbonate stringers and veins aligned parallel to the cleavage. Minor pyrite bands and small blebs as pressure fringes on large lithic fragments. Larger quartz-carbonate veins 0-6" dimenstons at 54, 82, 86, 98 and 99 feet. Section becoming coarse at end.															
100	111	Coarse grained sheared crystal tuff with trace stringers of pyrite in parts. Interbedding of fine grained sediment f from 103 to 108 with sharp contact at 108.															
111	156½	Fine grained - in places medium grained, bedded black slate with numerous thin quartz and quartz-carbonate veins and thick quartz-carbonate veins at 120-121 and 118-119. Bedding becoming contorted at end of section.															
156½	162½	Strongly contorted slightly brecciated zone with brecciated quartz fragments - zone of shearing.															
162½	168½	Black slate with contorted bedding becoming less so at the end of the section.															
168½	174	Black slate with interbed of grey speckled crystal tuff and minor thin quartz carbonate stringers throughout.															
174	205	Bedded contorted fine to medium grained sheared crystal tuff with numberous thin quartz carbonate stringers and blebs. Speckled gray colour.															
205	207	Fractured and brecciated lode channel with siderite quartz and slate fragments no mineralisation.															
207	216	Black slate, broken and veined in sections up to 6" thick with quartz and quartz carbonate. Rare traces of very fine galena stringers at 215															
216	216½	Brecciated lode channel with quartz siderite and minor galena	216	216½	6"	6"	5.1	0.13	0.02	3.05	nil	10.5					
216½	218' 8"	Black slate, veined and broken with rare traces of galena at 218 in quartz carbonate vein.															
218' 8"	220	Brecciated lode channel with traces of sphalerite and galena	218'8"	220	1'4"	1'2"	1.9	0.42	0.01	3.70	Nil	6.3					
220	223½	Black slate veined with quartz and quartz-carbonate and rare traces of pyrite as thin stringers															
223½	225½	Brecciated slate approaching lode channel with siderite and quartz and trace pyrite in slate bedding															
226½	227	Lode channel with minor to trace sphalerite galena and chalco pyrite	226'6"	227	6"	6"	1.9	4.0	0.31	2.15	Nil	7.9					
227	238½	Bedded black slate with minor thin Quartz and quartz-carbonate veins with trace pyrite in bedding															
238½	239	Ditto with thin stringers of galena	238'6"	239	6"	6"	3.4	0.47	0.01	3.05	Nil	6.5					
239	250	Black very fine grained slate with numerous thin. quartz and quartz carbonate veins and stringers some of thicker ones carrying pyrite															