



DOWN HOLE INFORMATION		GEOCHEMISTRY (249A)							GEOCHEMISTRY (249)											
Lithology	Mineral	Depth (m)	0	25	50	75	100	125	150	175	200	25	50	75	100	125	150	175	200	
No Core, remaining		0																		
weathered Siltstone		0-10																		
cleaved Siltstone		10-50																		
porous Sandstone, Quartzite and Siltstone minor grit		50-100																		
slumped Sandstone, minor breccia coral, SST		100-150																		
well bedded Sandstone, Siltstone very siliceous, slumped.		150-200																		
pink silt		200-250																		
well bedded Sandstone, Siltstone very siliceous slumped		250-300																		
well bedded Siltstone and Wackes minor Mudstone		300-400																		
trace GN/SL in thin Siderite, Dolomite veins		400-500																		
Mudstone, Siltstone, minor Wackes and Shale		500-600																		
Graphitic Shales		600-700																		
finely laminated Siltstones		700-800																		
E.O.H. 289m		800																		

SUMMARY OF COMPLETED HOLE				SPECIFICATIONS OF PROPOSED HOLE					
CO-ORDINATES	NORTHING	EASTING	R. L.	CO-ORDINATES	NORTHING	EASTING	R. L.		
LOCAL GRID A.M.G.	2800	1720	213	LOCAL GRID (Nth. Austral) A.M.G.	2800	1720	213 m		
AZIMUTH: 192° MAG DIP: -60° TOTAL DEPTH: 289m				AZIMUTH: 206° AMG DIP: 60° DESIGNED DEPTH: 140m					
COMMENCEMENT DATE: 29/10/83 COMPLETION DATE: 28/11/83				ESTIMATED COMMENCEMENT: October 1983					
INTERNAL SURVEY INFORMATION				ANTICIPATED GEOLOGY					
DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	LITHOLOGY	DEPTH	NATURE OF TARGET AND ANTICIPATED DEPTH
ZMG 249	70m 189° MAG	-60°	105m affected	191° MAG	-56°	0-80m	Sandstone, siltstone and grit.	0-80m	Scattered thin galena veins.
	118m 188° MAG	-60°	142m by broken	191° MAG	-56°	80-140m	Limestone.	80-140m	Lead-zinc mineralization in limestone.
	151m 191° MAG	-60°	169m NQ Rods	191° MAG	-56°				
	190m 189° MAG	-59°	225m 289m	191° MAG	-56°				
HOLE SIZE	FROM	TO	HOLE SIZE	FROM	TO				
HQ	0	74m	NQ	97m	105m				
NQ	74m	214.3m	BQ	105m	289m				
DRILLED GEOLOGY (SUMMARISED)									
DEPTH	LITHOLOGY	DEPTH	MINERALISATION AND SIGNIFICANT ASSAYS						
0-104.6	CROTTY QUARTZITE								
0-24.7	Weathered Siltstone, orange and green Clay.								
24.7-34.4	Siltstone.								
34.4-84.0	Quartzite, Siltstone, coarse Sandstone.								
84.0-94.3	Slumped Sandstone and breccia.								
94.3-96.6	Coral rich Siltstone.								
96.6-104.6	Slumped Sandstone, Siltstone.								
104.6-158.9	GORDON LIMESTONE EQUIVALENT								
104.6-129.4	Well bedded Siltstone, Sandstone, very siliceous, variably slumped.								
129.4-131.3	Pink coarse Sandstone, to Grit.								
131.3-158.9	Well to moderately bedded Siltstone, Sandstone, variably slumped, minor brecciation.		131.3-143.2 Trace to minor GN/SL in Siderite/Dolomite veins.						
158.9-160.3	BALSTRUP FAULT ZONE		150.5-153.7 1-10% SL, in Dolomite veins.						
160.3-227.7	CRIMSON CREEK FORMATION								
160.3-227.7	Well bedded Siltstones and Wacke.		160.3-200.0 Trace GN/SL, in fine carbonate veins.						
227.7-249.8	Banded Mudstone, Siltstone, Wacke and Shale.								
249.8-262.3	Graphitic Shales.								
262.3-289.0	Finely laminated Siltstones.								
LOGGED BY: G. KARY DATE: JANUARY, 1984									
SAMPLE DATA				ELECTROLYTIC ZINC CO. OF ASIA LTD.					
SAMPLED INTERVAL	SAMPLE NUMBERS	SAMPLE TYPE	ELEMENTS DETERMINED	LAB. METHOD	PROJECT: E.L. 4/78 ZEEHAN TAS.				
107.3-108.5m	59043 & 4	split	Pb, Zn, Cu, Ag, Fe, Ba.	N.B.	SPECIFICATIONS AND SUMMARY OF RESULTS				
135.3-137.5m	59045 & 6								
141.8-142.8m	59047								
150.5-153.7m	59048-051								
107.7-110.8m	59034-036	split	Pb, Zn, Cu, Ag, Fe, Ba.	as above.	EXPLORATION DIAMOND DRILL HOLE No. ZMG-249 & 249A				
124.6-137.6m	59037-039								
167.4-167.7m	59040								
169.6-169.8m	59041								
199.4-199.6m	59042				PLATE 4				
NOTES:				SCALE: As shown Survey: I. MAT. Revised:					
				Reference: Date: 16-8-83 REF. No.					
				Drawn: R. J. R. Checked: AI-532-0040					