



DOWN HOLE INFORMATION			GEOCHEMISTRY					GEOPHYSICS		
Lithology	Mineral'n	Depth (m)								
gry pebble conglomerate		0	Only the mineralised intervals were assayed.					No downhole geophysics has been undertaken.		
intbd blk siltstone & arenite		46.5-49.5	Pb	Zn	Ag	Fe	Sn			
grn debris flow breccia	py ² po + gn + sp + tet + ccp	49.5-50.5	46.5-49.5	3.1m at 2.87%	1.12%	107ppm	18.0%	52ppm		
blk silt + wacke		49.5-50.5	49.5-50.5	1.0m at 7.50%	1.95%	670ppm	34.5%	93ppm		
volcanic arenite		50.5-52.5	50.5-52.5	2.0m at 1.15%	0.30%	95ppm	12.0%	42ppm		
		52.5-55.5	52.5-55.5	3.0m at 6.45%	0.21%	510ppm	43.5%	115ppm		
		55.5-58.5	55.5-58.5	3.0m at 1.10%	0.14%	38.6ppm	13.5%	23ppm		
		58.5-62.3	58.5-62.3	3.8m at 1.30%	1.65%	35.0ppm	16.9%	225ppm		
		62.3-63.1	62.3-63.1	0.8m at 720ppm	130%	120ppm	36.5%	62ppm		
intbd volcanic wacke + blk siltstone		100								
lam. blk siltstone		150								
volcanic - clastic debris flow breccias	FAULT: strong py + asp weaker blob py - sp	162-45-165-75	162-45-165-75	3.3m at 0.15%	7.11%	269ppm	117%	177%		
		165-75-167-4	165-75-167-4	1.65m at 87ppm	200ppm	25ppm	550ppm	2.45%		
		167-4-170-0	167-4-170-0	2.6m at 0.184%	140ppm	4.0ppm	0.41%	11.0%		
		170-0-171.5	170-0-171.5	1.5m at 108ppm	20ppm	3.5ppm	0.80%	8.4%		
lam blk silt.		200								
volcanic - clastic debris flow breccias		250								
lam blk silt.		272.0 T.D.								
intbd lam blk silt and volcanic arenite		300								
		350								
		400								

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.	1226 (L9)	5408	653m	LOCAL GRID A.M.G.	1226 (L9)	5408	
AZIMUTH: 256° A.M.G. DIP: 50° TOTAL DEPTH: 272.0m				AZIMUTH: 256° A.M.G. DIP: 50° DESIGNED DEPTH: 300m max.			
COMMENCEMENT DATE: 17-4-84 COMPLETION DATE: 4-5-84				ESTIMATED COMMENCEMENT: APRIL, 1984			
INTERNAL SURVEY INFORMATION				ANTICIPATED GEOLOGY			
DEPTH	AZIMUTH	DIP		DEPTH	AZIMUTH	DIP	
0m	256°	50°	230m	256°	47-75°		
80m	256°	50°	269m	255°	45-5°		
140m	255-5°	50°					
185m	256-5°	49-5°					
HOLE SIZE	FROM	TO	HOLE SIZE	FROM	TO		
HQ	0	1.0	BQ	39.0	272.0		
NQ	1.0	39.0					
DRILLED GEOLOGY (SUMMARISED)							
DEPTH	LITHOLOGY	DEPTH	MINERALISATION AND SIGNIFICANT ASSAYS				
0-9.6m	Grey chert pebble conglomerate.						
9.6-33.3m	Thickly intbd lam blk siltstone and mg volcanic arenite.						
33.3-49.5	Green debris flow sed. breccia, minor volcanic arenite.	46.5-58.6m and 62.3-63.1m	Py ² po + gn + sp + tet + ccp veins 0.3-1.0m wide with weak stringer intervals. Includes 3.1m at 2.87% Pb, 12% Zn, 0.7ppm Ag. 1.0m at 7.50% Pb, 1.95% Zn, 670ppm Ag, 34.5% Fe. 0.3mat 6.45% Pb, 510ppm Ag.				
49.5-52.5	Thinly intbd lam blk siltstone and volcanic wacke.						
52.5-55.2	Volcanic wacke.						
55.2-85.0m	Intbd volcanic wacke and blk siltstone.						
85.0-117.45m	Laminated blk siltstone.						
117.45-148.2m	Volcaniclastic debris flow breccias.	162.45-165.75m	Montezuma Fault: strong py - asp stringer veining 3.3m at 130ppm Sn, 7.11% As, 117% Zn, 177% Fe, 269ppm Ag. Diss. replacement py ² sp in flanking arenite. Includes 2.6m at 1840ppm Sn, 0.41% Zn, 11.0% Fe.				
148.2-184.0m	Laminated blk siltstone.						
184.0-190.4m	Volcaniclastic debris flow breccias.	165.75-171.5m					
190.4-223.25m	Intbd lam blk siltstone and volcanic arenite.						
223.25-272.0m							
LOGGED BY: Rod Sainty. DATE: May/October 1984							
SAMPLE DATA				ELECTROLYTIC ZINC CO. OF ASIA LTD.			
SAMPLED INTERVAL	SAMPLE NUMBERS	SAMPLE TYPE	ELEMENTS DETERMINED	LAB. METHOD			
46.5-58.6	47283-288	split	Cu, Pb, Zn, Ag, Fe, As.	AAS	PROJECT: MONTEZUMA J.V. TAS.		
62.3-63.1	47289		Sn, Sb.	XRF	SPECIFICATIONS AND SUMMARY OF RESULTS		
162.45-171.5	47290-296		Au.	fire ass./AAS			
162-8	53532	split	mineralogic description	polished section.	EXPLORATION DIAMOND HOLE No. MZP-258		
163-45	53533						
164-45	53534						
169-0	53535						
NOTES: Fault breccia mineralisation consists of tourmaline-qtz-sulphide. Sulphide phases are arsenopyrite ± py after pyrrhotite, py-qtz ± cassiterite, and sp ± jamesonite. Disseminated replacement sulphide is fine clots of py and sp (with Sn), pervading the arenite matrix.				SCALE: As shown Survey: R.A.S. Revised: REF. No. Date: 5-5-84 Drawn: R.J.R. Checked: AI-527-0047			