

DEPTH		ROCK DESCRIPTION	MINERALISATION		CORE REC'D	
From	To		Run	Short		
0	2.50	No core (tricone bit used.)				
2.50	20.4	Volcanic arenite: Pale grey medium-grained volcanic(-lithic) arenite. Massive, thickly bedded to poorly thinly bedded. Bedding 45° to core at 12.7m 17.4-18.4 Sheared polymictic sedimentary breccia (including felsic volcanic clasts to 5cm)	Minor disseminated py throughout			
20.4	56.4	Interbedded volcanic arenite and laminated black siltstone: Finely laminated black siltstone as thin interbeds and as matrix within slump brecciated arenite. Arenite is pale grey, medium grained feldspar and quartz crystal-rich. Slump-brecciated, particularly 26.7-29.75, 41.0-44.35 and 48.8-49.65 Elsewhere, many thin interbeds of siltstone in arenite have been rolled or rucked-up, producing irregular contacts. Bedding 75° to core at 40.2	20.5-26.5 Thin, irregular webbing py veinlets 1-3mm, sporadic to 3cm in width. 33.4-34.0 Includes a 5cm massive fine-grained gn-py vein and irregular 2cm gn-sp within thin irregular py veinlets. 43.9-45.2 Abundant diss py and lesser py veinlets.			
56.4	63.25	Laminated black siltstone: Evenly, finely laminated black siltstone. Thicker arenite laminae in some intervals are graded upwards fining. Bedding (65°)-70° to core at 58.3m. Isolated bedding convolutions over short intervals. Some micro-faulting visible but absence of severe shattering identifiable as Montezuma Fault as is present in MZP 258.	Irregular webbing py (-sp+gn) veinlets to 3mm throughout			
63.25	69.8	Grey massive siliceous volcanic wacke , fine-grained (almost siltstone) to medium-grained	Irregular webbing py±sp veinlets, less abundant than in siltstone 56.4-63.25, above.			
69.8	75.1	Pale green to grey dolomitic feldspathic wacke . Diagenetic ovoid growths of dolomite within matrix, enclosing feldspar grains				
75.1	91.5	Laminated black siltstone. Uniformly finely laminated. Bedding 60° to core at 77.1 and 84.0, 55° to 91.2. Common 2-3mm wide carbonate veins throughout.	81.6-82.6 Thin 2-4mm straight-walled veinlets of carbonate-qtz-py±sp±gn at random orientations.			
91.5	123.15	Volcaniclastic debris-flow breccia, minor arenites, as follows 91.5-97.3 Framework-supported breccia: siliceous felsic volcanic calsts, sporadic black siltstone clasts, milli- to centimetric; minor arenite 97.3-105.85 Black siltstone matrix-supported breccia. Felsic volcanic and black siltstone clasts. Matrix is massive, contains abundant medium-grained quartz 'clasts' and appears to have been mylonitized by intense shearing. 105.85-114.65 Pale grey fine-grained quartz-arenite and siliceous feldspathic wacke with minor interbedd coarse-grained felsic volcanic sedimentary breccia. Breccia 108.15-109.4, 112.25-112.9, 113.85-114.15: black siltstone matrixed. At 114.2-114.3 convolutions are visible within the black siltstone matrix (= some evidence for shearing attributable to Montezuma Fault).	100.6-104.4 Abundant thin py(-sp-gn)-qtz-carbonate veining 109.1-110.3 Includes 15cm massive py-sp vein (py displaying crustiform texture) and sp-asp infilling shatter-gashes within siliceous fine-grained wacke.			

116025

ELECTROLYTIC ZINC COMPANY OF A'ASIA LTD. MINERAL RESOURCES DIVISION - TASMANIA		DIAMOND DRILL CORE RECORD		HOLE No. <u>MZP 261</u>	
				SHEET No. <u>2</u>	
DEPTH		ROCK DESCRIPTION	MINERALISATION	CORE REC'D	
From	To			Run	Short
		114.65-123.15 Coarse-grained debris-flow breccia. Centimetric angular to subrounded cream felsic volcanic clasts, framework-supported (to locally matrix-supported), black siltstone matrix.	Trace sp and py blebs, veinlets throughout		
123.15	140.3	Laminated black siltstone: Finely laminated to thinly bedded black siltstone with minor volcanic (quartz-feldspar crystal) arenite interbeds and common graded intervals - fining up hole. Good facings confirmed by occasional truncated bedding (eg at 132.25). Bedding 50° at 126.7 and 129.05 45° at 136.0, 60° at 139.6m			
140.3	145.2	Volcaniclastic debris-flow breccias Centimetric cream felsic volcanic clasts, framework-supported with sporadic interbeds of arenite and laminated black siltstone.			
145.2	161.85	Interbedded grey-brown volcanic arenite and laminated grey siltstone Grey siltstone dominant over interval 146.8-148.9, otherwise interval consists of fine-grained volcanic arenite with siltstone interbeds. Bedding 55° to core at 148.9.			
161.85	185.55	Intensely sheared, carbonate-veined black siltstone Massive to ruptured and brecciated black siltstone. Weakly mineralised in part.	Minor py veinlets and trace sp within carbonate veins.		
185.55	209.4	Interbedded volcanic arenite and laminated grey siltstone Siltstone increases in abundance down-interval. Above 192.9 massive to slump brecciated grey arenite contains minor silty interbeds; down-interval (192.9-199.3) there are abundant laminated brown-grey siltstone interbeds, whilst at base of unit (199.3-209.4) arenite is absent entirely. Bedding 35° at 193.8, 40° at 195.0, 35° at 198.0, 30° at 303.3, 20° at 206.1, 40° at 207.1			
209.4	241.0 TD	Intensely sheared, carbonate-veined black siltstone Similar to 161.85-185.55, above, except for relatively abundant syngenetic pyrite Intervals 221.25-223.2 and 230.4-232.4 appear to be little deformed and are free from carbonate veining.			

116026

ELECTROLYTIC ZINC COMPANY OF A'ASIA LTD. MINERAL RESOURCES DIVISION - TASMANIA						DIAMOND DRILL CORE GEOCHEMICAL ANALYSES RECORD										HOLE No. <u>MZP 261</u> SHEET No. 1				
LABORATORY ANALYTICAL TECHNIQUE DETECTION LIMIT						ANALABS, Cooee						AAS at Cooee, other at Perth						GRID CO-ORDS: Line 10 at 5,300E A.M.G. CO-ORDS: 372,890mE 5,365,630mN COLLAR R.L.: 680m COLLAR DIP: -50° AZIMUTH: 256° TOTAL DEPTH: 241.0m		
						AAS	AAS	AAS	AAS	AAS	AAS	Fire AAS	XRF	XRF						
						103	103	103	103	103	114	309	402	402						
5	5	5	0.5	0.005	1	0.005	3	3												
Sample No.	Sample Type	From	To	Core Rec'd	Sample Length	METAL CONTENT (ppm unless specified)										COMMENTS				
						Cu	Pb	Zn	Ag	Fe%	As	Au	Sb	Sn						
63761	All Split	20.5	22.0		1.5	50	265	985	0.5	5.75	45	X	64	X						
762		22.0	25.0		3.0	105	3200	1450	14.5	8.10	76	X	90	9						
763		25.0	26.5		1.5	360	3500	4950	15.0	9.70	80	X	40	34						
764		33.4	34.0		0.6	290	6.63%*	0.86%*	50*	14.0	7000	0.030	3.29%*	129						
765		43.9	45.2		1.3	35	270	260	0.5	5.10	80	X	66	10						
766		55.0	56.0		1.0	135	1.01%*	3.72%*	29*	9.75	49	X	109	171						
767		56.0	58.0		2.0	165	2800	9200	10.0	8.30	67	X	74	228						
768		58.0	61.3		3.3	120	4375*	1.93%*	13*	8.40	54	X	57	743						
769		61.3	61.8		0.5	470	1.33%*	5.10%*	51*	12.5	51	X	47	3340						
63770		61.8	63.8		2.0	295	2425*	2.01%*	14*	8.95	790	X	159	317						
771		64.8	65.8		1.0	250	2475*	2.83%*	17*	4.00	6600	X	50	340						
772		65.8	68.35		2.55	245	3850*	0.54%*	26*	6.95	3000	X	231	441						
773		68.35	69.6		1.25	465	4300*	0.38%*	34*	12.0	1.70%	0.10	445	1320						
774		70.0	73.6		3.0	160	1800	2650	5.0	9.10	180	X	87	21						
775		81.6	82.6		1.0	85	3500	7050	10.5	6.10	79	X	28	270						
776		100.6	101.6		1.0	140	975*	2.14%*	7.5	9.90	7000	0.040	57	363						
777		101.6	104.4		2.8	110	3225*	0.37%*	14*	6.40	76	X	21	192						
778		105.9	107.1		1.2	90	350*	2.62%*	4.5	9.35	77	X	16	1220						
779		109.1	110.3		1.2	740	4225*	4.17%*	40*	12.5	1500	X	53	1530						
63780		161.9	163.0		1.1	70	60	235	X	5.55	32	X	10	X						
781		163.0	166.0		3.0	65	40	90	X	4.45	41	X	16	X						
782		166.0	169.0		3.0	65	220	410	1.5	5.55	61	X	22	19						
783		169.0	172.0		3.0	70	1950	2700	6.0	8.30	130	X	15	34						
784	172.0	175.0		3.0	115	215	4150	0.5	6.95	79	X	11	253							
785	175.0	178.0		3.0	65	360	1050	0.5	6.35	70	X	11	51							
786	178.0	181.0		3.0	95	85	75	X	4.90	17	X	8	X							
787	181.0	184.0		3.0	165	60	95	X	5.95	39	X	9	X							
788	209.7	211.0		3.0	100	55	80	X	6.60	22	X	6	X							
789	211.0	214.0		3.0	90	45	150	X	6.45	16	X	X	3							
63790	214.0	217.0		3.0	100	35	100	X	5.45	5	X	X	X							
791	217.0	220.0		3.0	70	35	105	X	6.45	5	X	X	X							
792	220.0	223.0		3.0	70	35	80	X	6.10	2	X	X	X							
793	223.0	226.0		3.0	120	45	75	X	5.50	20	X	X	X							
794	226.0	229.0		3.0	75	50	75	X	4.85	18	X	X	X							
795	229.0	232.0		3.0	80	45	75	X	4.20	12	X	X	X							
796	232.0	235.0		3.0	95	60	70	X	4.10	19	X	X	X							
797	235.0	238.0		3.0	70	70	90	X	4.70	17	X	3	X							
798	238.0	241.0		3.0	60	65	65	X	5.25	21	X	7	X							

* Reassayed by method 404 (XRF with qtz dilution) due to heavy matrix.