

LOCATION	Natone Valley 9,159S 11,759W	Footage	Direction	Dip.	Footage	Direction	Dip.	COLLAR DIP.	-47°	TOTAL DEPTH	789'
OBJECTIVE	Resample core to determine Sn content & potential							DIRECTION	298° A.M.G.	HOLE SIZE	BX
RESULT	No significant mineralisation encountered.							R.L.		COMMENCED	
								COORDINATES	5,370,741.9N 375,903.1E	COMPLETED	
										LOGGED BY	

FOOTAGE		ROCK DESCRIPTION	MINERALISATION	SAMPLE NO.	FROM	TO	CORE REC'D	ASSAY DATA in ppm								
FROM	TO							Sample Length	Pb	Zn	Cu	Ag - g/t	Fe%	Mn	As	Sn
		N.B. ALL SAMPLE DEPTHS ARE IN FEET		33135	0	53	2.5	53	30	65	45	0.5	0.80	80	20	X
				136	53	85	4.5	32	40	70	55	0.5	0.85	130	10	2
				137	85	116	3	31	70	185	70	1.0	4.35	940	46	10
				138	116	126	2	10	35	120	50	0.5	7.50	3400	16	6
				139	126	156	2.5	30	45	110	70	0.5	5.45	1850	14	12
				33140	156	179	6.5	23	25	140	45	X	7.70	2700	4	2
				141	179	198	5	19	60	80	65	0.5	5.70	2100	70	X
				142	198	205	7	7	65	60	240	0.5	13.5	1700	550	10
				143	205	209	3	4	185	140	160	1.5	17.0	1200	900	2
				144	209	222.5	13	13.5	125	850	65	0.5	5.10	1450	690	14
				145	222.5	228	5.5	5.5	120	720	55	0.5	4.50	1350	420	10
				146	228	234	2	6	40	120	45	X	1.20	180	24	6
				147	234	254	9	20	150	900	65	1.0	5.60	1300	800	4
				148	254	269	7	15	75	220	45	0.5	2.80	1050	530	8
				149	269	279	9	10	30	110	30	X	2.80	1000	24	4
				33150	279	293	11.5	14	20	45	35	X	3.00	830	13	2
				151	293	316	11	23	35	110	50	X	2.50	410	24	6
				152	316	326	6	10	35	90	40	X	2.60	510	13	X
				153	326	333	7	7	10	50	25	X	2.20	530	11	X
				154	333	341	8	8	25	85	80	X	2.85	1300	6	8
				155	341	356	5	15	15	50	40	X	2.30	880	12	6
				156	356	367	7	11	15	40	35	X	2.35	510	13	26
				157	367	374	7	7	10	40	20	X	2.55	830	7	4
				158	374	381	7	7	50	165	25	X	3.20	1700	10	6
				159	381	388	7	7	25	45	65	X	2.85	800	16	6
				33160	388	396	6.5	8	20	50	35	X	2.55	430	13	4
				161	396	404	7.5	8	15	45	40	X	1.75	330	14	2
				162	404	414	8.5	10	40	1650	35	X	2.70	1650	7	X
				163	414	423	8	9	70	270	25	X	2.35	850	5	4
				164	423	430	6	7	20	40	30	X	2.90	1250	19	X
				165	430	439	9	9	15	50	40	X	3.20	510	19	2
				166	439	449	10	10	15	35	90	X	2.35	445	20	2
				167	449	454	5	5	10	50	20	X	1.80	370	6	3
				168	454	460	5	6	20	40	30	X	2.50	240	38	5
				169	460	466	6	6	15	50	30	X	3.20	600	11	2
				33170	466	473	7	7	150	40	25	X	2.25	350	16	4
				171	473	479	6	6	10	35	30	X	1.90	250	26	4
				172	479	483	4	4	35	35	30	X	2.40	950	4	6
				173	483	490	7	7	20	35	35	X	1.65	280	14	4
				174	490	498	7.5	8	20	30	60	X	2.40	270	26	2
				175	498	506	7.5	8	15	30	30	X	2.05	290	31	X

FOOTAGE		ROCK DESCRIPTION	MINERALISATION	SAMPLE NO.	FROM	TO	CORE REC'D	ASSAY DATA per ppm								
FROM	TO							Sample Length	Pb	Zn	Cu	Ag - g/t	Fe%	Mn	As	Sn
				33176	506	514	8	8	15	70	30	X	2.05	420	14	3
				177	514	521	7	7	40	80	35	X	1.40	280	14	X
				178	521	534	12.5	13	60	105	130	0.5	2.70	730	24	X
				179	534	544	7	10	20	90	85	X	2.65	500	13	2
				33180	544	554	10	10	15	60	70	0.5	2.70	1000	7	X
				181	554	564	4	10	15	60	30	X	1.70	190	4	2
				182	564	574	8.5	10	15	60	50	X	2.75	700	6	5
				183	574	584	5	10	20	75	30	X	2.80	530	13	4
				184	584	594	7	10	25	105	140	0.5	3.80	730	10	X
				185	594	606.5	8.5	12.5	20	60	25	X	1.90	450	14	2
				186	606.5	615	7.5	8.5	35	80	70	0.5	2.95	720	40	X
				187	615	629	12.5	14	55	105	30	X	2.05	500	9	2
				188	629	641	12	12	10	45	25	X	3.00	830	25	X
				189	641	651	10	10	20	60	25	0.5	3.00	830	18	X
				33190	651	656	5	5	45	175	20	X	3.20	680	16	X
				191	656	666	10	10	30	75	15	X	1.90	300	26	2
				192	666	676	10	10	10	30	20	X	1.85	510	16	2
				193	676	686	10	10	45	70	30	0.5	2.05	250	38	X
				194	686	698	12	12	45	115	45	X	2.90	500	30	2
				38475	698	706	8	8	20	70	45	0.5	2.30	370	24	2
				476	706	720	14	14	20	45	35	X	2.40	350	26	X
				477	720	728	8	8	20	70	30	X	3.00	730	15	2
				478	728	733	5	5	15	70	10	X	2.50	380	7	X
				479	733	740	7	7	10	35	20	X	2.20	530	24	X
				38480	740	748	5	8	10	40	65	X	3.30	520	28	X
				481	748	760	12	12	10	35	25	X	2.30	290	14	X
				482	760	770	10	10	10	50	30	X	3.70	470	30	X
				483	770	780	10	10	20	140	5	X	4.35	1100	3	10
				484	780	789	9	9	20	40	40	X	2.55	350	21	X
				END OF HOLE 789												

Electrolytic Zinc Company of Australasia Limited

WEST COAST DEPARTMENT

Hole No. NP107

RECORD OF DIAMOND DRILL CORE

Sheet No. 1

A 6008

SPECIFICATIONS		SURVEY DATA						OBJECT: To test I.P. Anomaly on grid line 338 Natone Valley.	RESULT: The mineralisation intersected was predominantly pyritic and associated with black carbonaceous shales.	PLOTTED 40 Plan S. I.P. 100 Plan S. I.P.
Location: Natone Valley		Footage	Direction	Angle	Footage	Direction	Angle			
Length:	Size Hole: Bx	0'	309°R	-47°	500'		-48.2°			
Coord.: 9,159'S		100		-48.5°	600'	299°R	-49°			
Coord.: 11,759'W		200		-50.2°	700'		-48°			
Direction: -47°		300	303°R	-48.3°	800'					
Angle: 309° Rosebery Grid.		400		-49.0°	900'					

PROGRESS				DESCRIPTION			ANALYTICAL DATA										DIPS	
Depth	Advance	Amount of Core	TR From	TR To	ROCK TYPE	From	To	Amount of Core	Pb %	Zn %	Cu %	Ag. ozs.	ALUAK dwts.	Fe %	T/S%	Footage	Angle	
25	25	-	0	45	Possible slate or shale, highly weathered	205	209	3'4"	0.2	0.1	0.02	<0.1	N11	10.6	4.2	264b	27°	
45	20	-	45	53	Weathered siltstone with lenses of black slate.	209	222½	13'	0.1	0.1	0.02	<0.1	N11	18.0	11.9	274b	20°	
60	15	-				222½	228	5'4"	0.1	0.1	0.02	<0.1	N11	8.1	5.6	287b	25°	
						228	234	2'2"	0.2	0.8	0.03	<0.1	N11	20.8	13.9	296b	20°	
						234	254	9'2"	0.1	0.1	0.02	<0.1	N11	4.9	2.8	381b	20°	
85	25	3	116	126	Broken silicified black slate.											396b	20°	
108	23	3	126	156	Grey silicified siltstone with solution channels.											408b	70°	
120	12	2			Broken black siliceous vughy slate.											412b	60°	
146	26	3	156	166	Possibly sandstone, very broken core											450b	70°	
176	30	6														462b	55°	
200	24	9	166	179	Silicified black slate.											466b	45°	
214	14	9	179	197½	Weathered siltstone.											529b	50°	
234	20	20	197½	206	Mixture of siltstone and slate or shale.											676b	45°	
244	10	5														680b	70°	
274	30	18			(The above core is very broken and partially weathered, no reliable structure may be obtained.)											720b	45°	
296	22	12																
326	30	20																
352	26	15																
378	26	20	206	209½	Black carbonaceous slate or shale.													
400	22	20																
423	23	20	209½	222	Black shale and pyritic veinlets which are occasionally coarse grained; Siltstone possibly (213½ - 215).													
453	30	30																
474	21	20																
494	20	20																
514	20	20	222	228	Massive grey fine grained sandstone, silicified fine stringers of pyrite throughout and occasional thin lenses of black slate.													
536	22	20																
556	20	20																

LOGGED BY: /RJH

Distribution: Dept. of Mines
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PROGRESS				DESCRIPTION			DIPS		DESCRIPTION			D
Date	Depth	Advance	Amount of Core	From	To	ROCK TYPE	Footage	Angle	From	To		Footage
				628 $\frac{3}{4}$	632 $\frac{3}{4}$	Dark siltstone, bedding (normal to core?).			780	789.	<i>black slate interbedded with grey sandstone beds ~ 10mm thick sub- to core. with Fe oxide staining on core surface.</i>	
				632 $\frac{3}{4}$	636	Interlaminated sandstone and siltstone.						
				636	641	Dark massive siltstone slightly mottled.						
				641	644	Siltstone with flowage folds.						
				644	646	Massive siltstone.						
				646	658 $\frac{1}{2}$	siltstone flowage folding parallel to core (651-656 occasional blebs in pyrrhotite or pyrite).						
				658 $\frac{1}{2}$	661	Massive fine grained grey sandstone.						
				661	676	Predominantly interlaminated sandstone and siltstone, flowage folding along core.						
				676	678	Massive sandstone.						
				678	691 $\frac{1}{2}$	Interlaminated sandstone and siltstone.						
				694.	694							
				694 $\frac{1}{2}$	698	Massive siliceous grey fine grained sandstone.						
				698	706 $\frac{1}{2}$	Interlaminated sandstone and siltstone, flowage folding along core.						
				706 $\frac{1}{2}$	720	Dark siltstone with consistent bedding.						
				720	728	Interlaminated siltstone and possibly slate showing flowage folding along core.						
				728	733	Dark siltstone bedding consistent as before.						
				733	748	Dark mixture of possibly siltstone and slate, faint flowage folds evident.						
				748	780	Predominantly black slate interbedded with thin lenses of siltstone? and light grey sandstone.						