DIAMOND DRILL HOLE LOG

PASMINCO EXPLORATION

Collar: 5408270N 428705E RL: 305m.
Azimuth Dip.

Hole_ID	DD 86 CC13	Project	Lake Ramsay
Hole_Type	Diamond	Tenement_No	EL 3/98
Year	1998 using old a 1986 hole	Prospect	West Gilgai
Geologist	KPD	Date	27/7/99.

Depth	Lithology Code	Lithology Colour	Cu	Pb	Zn	Graphic Log (mm)	Comments	Alteration	Mineralisation
0									
9							9-16.3m 3m of major corridor deeply weathered and oxidised sericite altered sericite-quartz schist	Sc.	oxidation has destroyed the chlorite
10									
			30	250	105				
16.3							16.3-29.5m Mottled green-cream white granular, minor quartz crystals sericite/chlorite schist.		
			20	220	640				
20									
			10	330	830				
23									
			15	115	760				
26									
			20	90	680			Ch/Se.	
29									
30							29.5-39m Mottled green-cream white but stained dark black quartz crystal, wispy green chlorite (lost (-aceous) volcaniclastic. Large siltstone clasts from 34.5-35.5m		
			15	195	750				
32									
			10	300	1000				
35									
			10	400	920				
38									
40			35	370	1250				

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DIAMOND DRILL HOLE LOG

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Hole_ID	DD86 CC13	Project	
Hole_Type		Tenement_No	
Year		Prospect	
Geologist		Date	

Depth	Lithology Code	Lithology Colour	Cu	Pb	Zn	Graphic Log (mm)	Comments	Alteration	Mineralisation
		41	35	370	1250		39.0 – 52m Granular dark green quartz, wispy sericite chlorite (after ?) sandstone unit is weakly magnetic.	Ch	Ch
		44	15	180	1050				
		47	45	1150	1950				
50		50	40	1050	4700				
		53	10	570	950		52.0 – 71m. Similar unit to above but more sericite		
		56	5	30	620				
60		59	10	90	550			Se/Ch.	
		62	5	15	570				
		65	15	160	550				
		68	5	65	590				
70			30	1800	660				
		71					71 – 75m Calcspar (pink K Spar altered) quartz ± chlorite groundmass massive/uncleaved ⇒ cleavage/post K-Spar alt^{n}	K/Ch	
		74	15	105	490				
		77	30	680	920		75 – 108.1m	Ch	
80		80	15	520	640		Mottled green - cream strongly Calcsilicated Calcspar - mm - cm qtz		

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Hole_ID	DD 86 CC13	Project	
Hole_Type		Tenement No	
Year		Prospect	
Geologist		Date	

Depth	Lithology Code	Lithology Colour	Cu	Pb	Zn	Graphic Log	Comments	Alteration	Mineralisation
80						mm			
			25	350	720		Chloritic sandstone. Chlorite is replacing a particular clast type and has been extensionally deformed into wisps		
		88							
			15	300	900				
		86							
			20	2350	900			Ch/Se	
90		89							
			10	270	750				
		92							
			30	360	1550				
		95							
			20	190	760				
		98							
100			20	440	1250				
		101							
			20	175	810				
		104							
			25	110	690				
		106					108.1 – 115m Pale orange – banded sediment. Bands to 10mm of predominantly quartz (silicified volcanic) and thinner 3-4mm bands of chlorite/ sericite		
110			10	790	610				
		110							
			10	90	760			Se	Py/Ch
		113							
			10	370	640		115.5 – 122m Mottled pale orange – green quartz crystal (to 3mm) chlorite rock. Only moderately – weakly foliated volcanic sst.		
		116							
			25	600	1650			Ch	
120		119							

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Hole_ID	DD86 CC13	Project	
Hole_Type		Tenement_No	
Year		Prospect	
Geologist		Date	

Depth	Lithology Code	Lithology Colour	Cu	Pb	Zn	Graphic Log	Comments	Alteration	Mineralisation
120						mm			
		122	35	480	1150		122–127·2m light- dark orange strongly foliated sericite schist. Schistosity is defined by discontinuous bands of dark orange sericite. Minor qtz. crystals	Se	
			35	1400	1850				
		125							
			30	330	830		127·2–146·5m The core in this interval has been dropped.		
130		129·6							
		131	10	185	680		Relatively massive, weakly cleaved, variably pyritic. Sericite chlorite altered volcanic		
			25	660	1300				
		134							
			20	3500	1350			Se/Cl.	
		137							
140			10	670	1350				
		140							
			15	620	1400				
		142·9							
			20	1200	1400				
		146·5					146·5 – 201m		
			15	330	450		Mottled cream - green sandstone. Feldspars are altered to pale green sericite, minor qtz and a good deal of chlorite/pyrite		
150		149							
			35	260	400			Se	
		152							
			20	55	440				
		155						Se/Ch	
			15	65	380				
		158							
160			35	250	480				

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Hole_ID	DD86 CC 13	Project	
Hole_Type		Tenement_No	
Year		Prospect	
Geologist		Date	

Depth	Lithology Code	Lithology Colour	Cu	Pb	Zn	Graphic Log (mm)	Comments	Alteration	Mineralisation
160									
		162	35	250	480				
			20	370	290				
		165							
			10	30	340				
		168							
170			20	90	340				
		171							
			5	-5	270				
		174							
			5	30	320				
		177						Ch/Se	
			5	-5	230				
180		180							
			2	15	330				
		183							
			10	35	300				
		186							
			5	-5	320				
		187.4							
			5	420	65				
		188.7						Se	
190									
			10	40	280				
		192							
			2	-5	280			Ch/Se	
		195							
			2	-5	230				
		198							
200			15	-5	175				

201 -

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PASMINCO EXPLORATION **DIAMOND DRILL HOLE LOGGING**

Hole_ID DD86CC13	Project
Hole_Type	Tenement_No.
Year	Prospect
Geologist	Date

Depth	Lithology Code	Lithology Colour	Comments	Alteration Up to 3 codes w intensities (1-3)	Mineralisation Up to 3 codes with %	Graphic Log 1 2 4 8 16	Cu	Pb	Zn
200									
			201–229.5m light grey fine grained ashy bedded volcanic. 211m So//VCA ≈ 40° From 203.5–206.5m quartz chlorite conglomerate.				15	-5	175
							65	2050	880
							20	55	250
210							3800	6500	4600
							25	300	590
							40	500	1300
220							15	55	190
							25	75	240
							15	50	115
229.5							25	55	75

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