

JERVOIS MINING NL - DRILLHOLE LOG

DRILL ADVANCE					LITHOLOGY					
From	To	Interval	Recovered	Lost	From	To	DESCRIPTION	ALTERATION	STRUCTURE	MINERALIZATION
DRILLHOLE: NC08					Logged by: J.G.Purvis			Date: 13.11.98	Depth: 21.3m	Size: NTW
					Co-ords: 4905N / 5850E (Grid)			RL: 518m (est)	Dip: - 45	Azimuth: 213 AMG
0	1.4	1.4	1.2	0.2	0	17.65	MILDLY BIOTITIZED QUARTZ SANDSTONE.	Oxidized to 2m.	Mildly fractured, apart	Strong limonite stains to 2.5m.
1.4	1.8	0.4	0.4	0			Pale grey & brownish-grey, very hard, fi-med	Strong silicification &	from set of strong fract	Minor to 2% py>sp-gn through-
1.8	3.1	1.3	1.3	0			gr, massive & uniform. In places there is a	moderate patchy biotite	10/LCA at 15-17m.	out, dissem, in microveinlets,
3.1	3.6	0.5	0.5	0			blotchy pattern suggestive of bioturbation (eg:	alt (strongest 8-15m).	Lineation (after bedding)	on fractures, & in qtz veins.
3.6	4.8	1.2	1.1	0.1			3m & 5-5.5m).	Patchy chlorite-sericite	55-60/LCA (dips N at	From 3-8m some py is dendritic
4.8	5.7	0.9	0.9	0				alt (eg: assoc with	75-80).	2-3% py on fract 15-16.6m.
5.7	6.3	0.6	0.6	0				fractures 15-17m).	Lower contact a shear	
6.3	7.8	1.5	1.5	0				Common qtz veins &	40/LCA.	
7.8	8.7	0.9	0.9	0				veinlets throughout, to		
8.7	8.9	0.2	0.2	0				5cm & mostly +60/LCA		
8.9	10.5	1.6	1.6	0						
10.5	12	1.5	1.5	0	17.65	18.2	ALTERED SANDY MICROBRECCIO-	Strong chlorite-garnet	Well bedded: 50-60/LCA	1% py. Minor magnetite,
12	13.4	1.4	1.4	0			CONGLOMERATE. Green & purplish-pink,	alteration, with minor		hematite & sp.
13.4	14.9	1.5	1.5	0			with silic frags & grains to 11mm. Garnet-	sericite & biotite.		
14.9	15.8	0.9	0.85	0.05			rich flecks to 7mm, possibly after carbonate			
15.8	16.6	0.8	0.65	0.15			clots or shell frags. Qtz content of rock is not			
16.6	17.2	0.6	0.6	0			high & it may have been an impure carbonate.			
17.2	17.5	0.3	0.3	0						
17.5	18.3	0.8	0.8	0	18.2	21.3	BIOTITIZED & SILICIFIED IMPURE	Strong biotite-silica alt,	Bedding: 40/LCA at 20m.	To 20m: 1% py-sp-gn in veinlets
18.3	19.8	1.5	1.5	0			CARBONATE? Greyish-brown, hard sandy	with minor garnet.		sub-// bedding.
19.8	21.3	1.5	1.5	0			rock with banded & mottled texture typical of	19.75-20.7m: Yellow		Trace sulphides below 20m.
							carbonates. Common detrital qtz grains &	oxidized zone with		
							frags to 5mm. 5cm bed of qtz grit at 19.8m.	strong sericite-garnet-		
								magnetite alteration.		
							END OF HOLE 21.3m			

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