

## JERVOIS MINING NL - DRILLHOLE LOG

<b>DRILLHOLE:</b> NC11	<b>Logged by:</b> J.G.Purvis	<b>Date:</b> 25.11.98	<b>Depth:</b> 24.1m	<b>Size:</b> NTW
	<b>Co-ords:</b> 4881N / 5775E (Grid)	<b>RL:</b> 525m (est)	<b>Dip:</b> - 45	<b>Azimuth:</b> 213 AMG

DRILL ADVANCE					LITHOLOGY					
From	To	Interval	Recovered	Lost	From	To	DESCRIPTION	ALTERATION	STRUCTURE	MINERALIZATION
0	1.6	1.6	0.3	1.3	0	1	QUARTZ SAND. Fine gr, white.			
1.6	2.1	0.5	0.4	0.1						
2.1	2.3	0.2	0.2	0	1	4.2	OXIDIZED QUARTZ SANDSTONE.	Strongly silicified &	Mildly broken by fracts	Limonite stains, esp on fracts.
2.3	3	0.7	0.7	0			Greyish-white, fi-med gr, hard. Uniform & pure.	oxidized. 2cm qtz vein	10-15/LCA.	
3	3.4	0.4	0.4	0				70/LCA at 3.65m.		
3.4	4.4	1	1	0				Minor fuchsite grains.		
4.4	5.4	1	0.9	0.1						
5.4	6.6	1.2	1.2	0	4.2	11.45	QUARTZ -CHLORITE-EPIDOTE-BIOTITE	Partly oxidized to 5.5m.	Fractured & broken to	Minor limonite on fracts to 5m.
6.6	7.6	1	1	0			HORNFELS. After very altered quartzose sst.	Strong silica-chlorite>	5.7m, then generally	4.2-4.95m: 1-2% dissem &
7.6	9.1	1.5	1.5	0			Greenish-grey, very hard, fi-med gr, massive.	epidote alt, increasing	unbroken. Weakly	microfracture py>sp-gn.
9.1	10.6	1.5	1.5	0				with depth. Minor biotite,	lined: bedding 77/LCA	4.95-8.6m: minor dissem py.
10.6	11.7	1.1	1.1	0				actinolite & rare garnet.	at 7.5m & cleavage 60/	8.6-9.5m: 2% dissem py>po.
11.7	12.3	0.6	0.6	0				Biotite often assoc with	LCA at 11m.	9.5-11.45m: 3% coarse dissem
12.3	13.6	1.3	1.3	0				high-angle qtz veinlets	Abrupt basal contact 75/	py, in clots & stringers.
13.6	15.1	1.5	1.5	0				(1/m). At 9m: 1.5cm	LCA (// lineation).	
15.1	16.6	1.5	1.5	0				90/LCA vein of qtz-		
16.6	18.1	1.5	1.5	0				chlorite-epidote-py.		
18.1	19.6	1.5	1.5	0						
19.6	21.1	1.5	1.5	0	11.45	24.1	SILICIFIED QUARTZ SANDSTONE.	Strong to very strong	Cleaved in sericitized	Fine dissem, microveinlet &
21.1	22.6	1.5	1.5	0			"Quartzite". Grey, very hard, med gr, massive,	silification (best below	zones (prob // bedding):	fracture-filling py throughout,
22.6	24.1	1.5	1.5	0			fairly pure & uniform. Possible bioturbation	19m incl vein-like qtz-	70/LCA at 13.6m, 75/LCA	much in dendritic form:
							(large worm burrows?) at 13.5-14m & 14.5-16m.	flooded zones), & mild	at 16m & 19m.	11.45-16m: 2-5% py.
								patchy sericite-py alt	Some high-angle qtz(+py)	16-18.3m: 2% py, trace wolfram
								(none below 19m).	veinlets, esp in cleaved	18.3-19m: 2-3% py-po.
								Band of qtz-chlorite-	intervals & below 19m.	19-21.7m: 2% py
								biotite hornfels at 18.2-	Fractures 5-35/LCA	21.7-24.1m: 1% py (trace moly,
								19m. Weak fuchsite alt,	throughout, strongest	sp-gn & wolfram, on fracts).
								on fracts, as grains, &	below 19m & filled with	
								as stains below 23.5m.	py-fluor-musc-fuchsite(+	
									rare wolfram, moly or bi)	
							END OF HOLE 24.1m			

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