

# JERVOIS MINING NL - DRILLHOLE LOG

DRILL ADVANCE					LITHOLOGY					
From	To	Interval	Recovered	Lost	From	To	DESCRIPTION	ALTERATION	STRUCTURE	MINERALIZATION
DRILLHOLE: NC04					Logged by: J.G.Purvis			Date: 2.11.98	Depth: 20.1m	Size: NTW
					Co-ords: 5275N / 6200E (Grid)			RL: 490m (est)	Dip: - 45	Azimuth: 213 AMG
0	1.2	1.2	0.7	0.5	0	3	SKARN. Green & brown, med gr massive rock composed of mafics (diopside?), with pale pink spotty mineral - carbonate(?).	Very strongly metasomatized. Partly oxidized.	Mildly broken. Mineral lineation 15/LCA (dips S at 60). Lower contact 25/LCA (parallel lineation).	Prominent MnOx & FeOx stains & veinlets. 2-3% dissem py-po.
1.2	1.8	0.6	0.6	0						
1.8	2.7	0.9	0.9	0						
2.7	3.2	0.5	0.5	0						
3.2	4.8	1.6	1.3	0.3						
4.8	6.3	1.5	1.5	0	3	5.7	CHLORITE-QUARTZ-ALBITE HORNFELS. Possibly after altered quartz sandstone. Pale bluish-green, fi-med gr, very hard.	Strong chlorite-silica-albite alteration. Micro-veinlets of dark green mineral (tourmaline?).	Weak lineation 20-40/LCA Basal contact 20/LCA, // lineation.	4.45-4.85m: (10cm recovered) leached vein of semi-massive po>mag-py, 15/LCA, parallel lineation.
6.3	7.6	1.3	1.3	0						
7.6	8.9	1.3	1.3	0						
8.9	10.5	1.6	1.6	0						
10.5	12	1.5	1.5	0						
12	13.5	1.5	1.5	0	5.7	12.1	SKARN. Green, med gr, mafic(diopside?)-quartz-biotite-pyrrhotite-magnetite rock. Very hard. Some remanent detrital qtz clasts 3-4mm at 8.3-9.3m.	Very strongly metasomatized. Qtz patches to 10cm.	Unbroken. Mineral banding 25-35/LCA. Basal contact sharp, 25/LCA, // banding.	6m: 2cm fluorite-mo vein 35/LCA 5.7-6.6m: 3-5% po-mag. 6.6-7.2m: semi-massive po>mag 7.2-8.3m: Minor aspy. 8.3-9.4m: 5-7% po>mag. 9.4-11.9m: 20% banded po-mag, minor cp>aspy
13.5	15.1	1.6	1.6	0						
15.1	16.7	1.6	1.6	0						
16.7	18.3	1.6	1.6	0						
18.3	19.8	1.5	1.5	0						
19.8	20.1	0.3	0.3	0						
					12.1	18.35	QUARTZ-SERICITE-BIOTITE-CHLORITE HORNFELS. Pale khaki-grey or pale green, med gr, very hard. Variable interval, with spotty & lineated appearance. Largely after altered med-coarse gr quartz sandstone.	V strong silica-sericite-biotite-chlorite alteration Irreg qtz veins to 5cm cut by greisenous low-angle qtz-fluor-musc veinlets with py-bi.	Unbroken. Weak lineation 20-70/LCA.	1% dissem py-po, some in margins of the qtz veins. 5cm qtz-cassiterite vein at 15.1m.
					18.35	20.1	CALC-SILICATE. Creamy green & brown, mottled metasomatized rock. Composed of green mineral (actinolite or chlorite?) & white mineral (wollastonite?), with hard quartz-biotite patches.	Very strongly metasomatized. The chlorite/actinolite introduced via veinlets 25-45/LCA	Unbroken.	Minor dissem po-py.
							END OF HOLE 20.1m			

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