

JERVOIS MINING NL - DRILLHOLE LOG

DRILL ADVANCE					LITHOLOGY					
From	To	Interval	Recovered	Lost	From	To	DESCRIPTION	ALTERATION	STRUCTURE	MINERALIZATION
DRILLHOLE: NC01					Logged by: J.G.Purvis			Date: 26.10.98	Depth: 20.1m	Size: BQTK
					Co-ords: 4955N / 5900E (Grid)			RL: 515m (est)	Dip: -45	Azimuth: 033 AMG
0	1.5	1.5	1.2	0.3	0	1.5	ANCHOR HOLE (vertical): SILICIFIED & PYRITIZED QUARTZ SANDSTONE. Grey, fi gr. Brecciated below 0.6m with limonite matrix.	Strongly silicified and partly oxidized.	Sulphide lineation 40/LCA At 0.4m: 3mm py-gn veinlet 40/LCA (opp sense to lineation).	To 0.6m: small grains of GOLD & 10% dissem & lineated py>gn-sp>aspy. 0.6-1.5m: limonite boxworks.
0	1.4	1.4	1.1	0.3	0	4	PYRITIZED QUARTZ SANDSTONE. Pale grey, fi gr, uniform. Fractured & broken at intervals.	Strong oxidation on fractures. Leached in places.	Sulphide lineation 10/LCA (dips N at 55). Fracts 70 & 35/LCA (opp senses).	5-10% dissem & veinlet py-sp-gn, some in diffuse bands. At 1.6m: 1cm py vein 65/LCA.
1.4	3	1.6	1.6	0						
3	3.4	0.4	0.2	0.2						
3.4	4.4	1	0.6	0.4						
4.4	5.6	1.2	0.1	1.1	4	9.3	SHATTERED PYRITIC QUARTZ SANDSTONE. Grey, medium gr (some qtz grains to 2-3mm).	Silicified. Weak oxidation on fractures. Partly leached.	Badly broken by fractures at all angles. Vein qtz frags 9-9.3m.	10-15% dissem py, 3-5% below 8.3m. Minor sp-gn-aspy.
5.6	5.9	0.3	0.3	0						
5.9	6.4	0.5	0.2	0.3						
6.4	7.5	1.1	0.25	0.85						
7.5	8.3	0.8	0.15	0.65	9.3	9.5	FAULT. Pyritic sand with vein quartz frags. Fragments of leached sericitic sandstone.	Sericitized.	Fault.	10-15% py. Trace sp-gn-aspy.
8.3	9	0.7	0.05	0.65						
9	9.3	0.3	0.1	0.2						
9.3	9.5	0.2	0.2	0	9.5	10.9	SULPHIDE-QUARTZ-CARBONATE LODGE. Weakly-banded sulphides in sugary qtz & creamy carbonate, replacing qtz sst.	Strong qtz-carbonate alteration.	Banding 35/LCA. Recemented breccia texture below 10.2m.	9.5-10.2m: semi-massive sp-gn>py. 10.2-10.9m: 10-20% sp-gn>py, trace aspy.
9.5	9.8	0.3	0.15	0.15						
9.8	10.7	0.9	0.65	0.25						
10.7	11	0.3	0.15	0.15						
11	11.9	0.9	0.7	0.2	10.9	11.7	QUARTZ SANDSTONE. Grey, fi gr, uniform.	Minor biotitization.	Fractured & broken.	Minor sp-gn-py.
11.9	12.6	0.7	0.7	0						
12.6	14	1.4	1.4	0	11.7	13.3	QUARTZ-FELDSPAR PORPHYRY. Creamy-grey. Euhedral & subhedral qtz & feldspar to 2mm in fi gr groundmass.	Minor silification & clay alteration. Minor tourmaline on fractures.	Fractured & broken. Contacts irregular, lower at low angle to LCA.	1% py in microveinlets. Minor dissem sp-gn.
14	14.7	0.7	0.55	0.15						
14.7	15.9	1.2	1.2	0						
15.9	16.9	1	1	0						
16.9	19.5	2.6	2.4	0.2	13.3	20.1	METASOMATIZED SANDSTONE. Brown to creamy-grey, variable & mottled qtz-carbonate-biotite-garnet-sericite rock (calc-silicate in places). Largely after quartzose sandstone.	Strong carbonate-biotite>garnet-sericite alteration. Some garnet assoc with qtz veinlets.	Mildly fractured & broken Small shears 17.8-19.7m 60-80/LCA with quartz-sericite veins to 2cm.	Minor to 2% py>aspy, dissem & veinlets. 14.75-15.25m: veinlets of qtz-garnet-py>aspy, to 1cm, 30-45/LCA.
19.5	20.1	0.6	0.6	0						
END OF HOLE 20.1m										

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