

JERVOIS MINING NL - DRILLHOLE LOG

DRILL ADVANCE					LITHOLOGY					
From	To	Interval	Recovered	Lost	From	To	DESCRIPTION	ALTERATION	STRUCTURE	MINERALIZATION
DRILLHOLE: NC02					Logged by: J.G.Purvis			Date: 28.10.98	Depth: 22.7m	Size: BQTK
					Co-ords: 5069N / 5946E (Grid)			RL: 504m (est)	Dip: - 45	Azimuth: 033 AMG
0	1.2	1.2	0.2	1	0	1	SOIL & SCREE.			
1.2	1.7	0.5	0.1	0.4						
1.7	2	0.3	0.15	0.15	1	3	QUARTZ SANDSTONE. Whitish-grey, medium grained.	Carbonate spotting. Mildly oxidized.	Lineation 20/LCA (dips 25 to N). Some qtz veins	Limonite stains, with some boxworks on fractures.
2	3.2	1.2	0.3	0.9						
3.2	3.6	0.4	0.35	0.05						
3.6	4.5	0.9	0.75	0.15	3	6	QUARTZ-FELDSPAR PORPHYRY. Pale grey. Euhedral to subhedral qtz 2-5mm & occasional feldspars to 2mm, in fi gr felsic groundmass.	Partly oxidized: clayey & leached in places.	Lower contact broken.	Minor pyrite microveinlets 80/LCA Limonite on fractures.
4.5	6.2	1.7	0.3	1.4						
6.2	6.6	0.4	0.15	0.25						
6.6	6.9	0.3	0.1	0.2						
6.9	7.2	0.3	0.1	0.2	6	8.8	RUBBLE of QUARTZ SANDSTONE with QUARTZ VEINS. Creamy-grey, medium gr.	Partly oxidized & clayey. Weak silif & cb spotting	5cm qtz-py vein //LCA 6.6-7.4m.	Minor to 2% py in sst. 5% py & minor sp, in qtz veins.
7.2	7.6	0.4	0.2	0.2						
7.6	8.2	0.6	0.1	0.5						
8.2	8.6	0.4	0.4	0	8.8	10.7	SULPHIDIC ZONE. Dark grey. Dissem sulphides in quartz-carbonate-replaced quartz sandstone.	Strong qtz-carbonate alteration. Moderately leached.	Sulphide banding 30/LCA Mildly broken. Sharp basal contact 50/LCA.	20% py>>sp. Semi-massive in top 30cm, 5% at base. Dissem with minor microveinlets.
8.6	9.2	0.6	0.25	0.35						
9.2	10.6	1.4	0.85	0.55						
10.6	10.9	0.3	0.3	0						
10.9	12.2	1.3	1.1	0.2	10.7	12.8	SKARN? Softish leached & bleached, banded micaceous rock. Bands with 1-2mm garnets & bands of mafics (actinolite?).	Partly oxidized. Strong biotite>mafic-garnet alt. Trace fuchsite.	Banding after bedding 20/LCA (0-45/LCA), & 45/LCA at base.	3% py-sp-gn, in stringers & clots // banding.
12.2	13.7	1.5	0.6	0.9						
13.7	13.9	0.2	0.15	0.05						
13.9	14.3	0.4	0.4	0						
14.3	15.2	0.9	0.8	0.1	12.8	16.65	SULPHIDIC ZONE. Dark brownish-grey. Crumbly partly leached sulphidic zone in altered quartzose sandstone. No qtz veining.	Silicified, with strong biotite-garnet alteration	Lineation 50-65/LCA. Fractured. Basal contact 10cm puggy fault 55/LCA	10-20% py>aspy-sp-gn, largely dissem with less in small stringers along lineation.
15.2	15.4	0.2	0.2	0						
15.4	16.7	1.3	0.95	0.35						
16.7	17.5	0.8	0.8	0						
17.5	18.4	0.9	0.9	0	16.65	22.7	METASOMATIZED SILTY QUARTZOSE SANDSTONE. Brownish-grey (hard) or greenish-grey (softer).	Strong silicification & biotite-garnet-chlorite alteration, especially in fault zone 17.3-19.5m.	Fractured & broken due to fault 10/LCA at 17.3-19.2m. Bedding 40/LCA at 22.4m. 8mm quartz veinlet 65/LCA at 20.55m	16.65-17.7m: 3-5% py>aspy>sp-gn, dissem>veinlets, including 15cm lode of gn-py>aspy-sp 50/LCA at 17.2m. 17.7-22.7m: 1-2% py, trace sp-gn, dissem & veinlets 70/LCA.
18.4	19.7	1.3	1.1	0.2						
19.7	20.6	0.9	0.9	0						
20.6	22.7	2.1	2	0.1						
							END OF HOLE 22.7m			

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