

## JERVOIS MINING NL - DRILLHOLE LOG

<b>DRILLHOLE:</b> NC03	<b>Logged by:</b> J.G.Purvis	<b>Date:</b> 30.10.98	<b>Depth:</b> 19.9m	<b>Size:</b> NTW
	<b>Co-ords:</b> 5018N / 6000E (Grid)	<b>RL:</b> 512m (est)	<b>Dip:</b> -45	<b>Azimuth:</b> 033 AMG

DRILL ADVANCE					LITHOLOGY					
From	To	Interval	Recovered	Lost	From	To	DESCRIPTION	ALTERATION	STRUCTURE	MINERALIZATION
0	4	4	0.65	3.35	0	4	SOIL & SCREE. Clay, with rubble at 2-4m of strongly oxidized and limonite-stained quartz sandstone and vein quartz.	Strongly oxidized.		Limonitic.
4	5.8	1.8	0.55	1.25						
5.8	8.2	2.4	1.05	1.35						
8.2	9	0.8	0.7	0.1						
9	10	1	0.6	0.4	4	5.8	SAND. Pale yellow-brown limonite-stained quartz sand after highly oxidized quartz sandstone. Minor fragments of vein qtz.	Strongly oxidized.		Limonitic.
10	11.3	1.3	0.75	0.55						
11.3	12.5	1.2	1.1	0.1						
12.5	13.6	1.1	0.4	0.7						
13.6	14.5	0.9	0.75	0.15	5.8	8.2	QUARTZ SANDSTONE. Rubbly core. Whitish-grey, medium to coarse grained & hard. Variability & presence of qtz fragments suggests this may be scree deposit.	Moderately oxidized. Silicified.	Very badly broken. Vein qtz frags to 3cm.	Minor py. Limonite on fractures
14.5	15.3	0.8	0.75	0.05						
15.3	16	0.7	0.7	0						
16	16.8	0.8	0.7	0.1						
16.8	18.7	1.9	0.65	1.25						
18.7	19.3	0.6	0.5	0.1	8.2	10	OXIDIZED ALTERED SILTY QUARTZOSE SANDSTONE. Yellow-brown, rotten clayey rock	Strongly oxidized. Metasomatized.	Badly fractured & broken.	Strong limonite stains, esp on fractures, & pits after py. Qtz-limonite veinlets 20-30/LCA.
19.3	19.9	0.6	0.5	0.1						
					10	11.3	OXIDIZED CARBONATE? Creamy-yellow, rotten, soft silty-clayey rock.	Strongly oxidized & bleached.		Weak limonite stains.
					11.3	13.6	QUARTZ SANDSTONE. Brownish-white, fi gr, hard.	Strongly oxidized. Silicified.	Badly fractured & broken	To 12.5m: limonite stains & on fractures, with some pits after py
					13.6	19.9	SKARN. Green & purplish-brown, variable, sandy quartz-diopside(?)-biotite-garnet rock. Banded or mottled appearance. Ranges from hard to clayey & crumbly.	Strong qtz-diopside-biotite-garnet metasomatism. Clayey oxidation in places.	Finely lineated 25-30/LCA Very minor veinlets of qtz or carbonate. Veinlets of diopside 17-19m.	1-2% dissem po-py, trace cp. Sulphides decrease with depth. Minor hematite on some fractures.
							<b>END OF HOLE 19.9m</b>			

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