

JERVOIS MINING NL - DRILLHOLE LOG

DRILLHOLE: NC09	Logged by: J.G.Purvis	Date: 17.11.98	Depth: 19.3m	Size: NTW
	Co-ords: 4880N / 5797E (Grid)	RL: 524m (est)	Dip: - 45	Azimuth: 213 AMG

DRILL ADVANCE					LITHOLOGY					
From	To	Interval	Recovered	Lost	From	To	DESCRIPTION	ALTERATION	STRUCTURE	MINERALIZATION
0	1.1	1.1	0.35	0.75	0	1.8	FILL? Variable interval. 0-1.3m: ox & unox			
1.1	1.7	0.6	0.4	0.2			qtz sst; 1.3-1.7m: pyritic qtz sst with possible			
1.7	2.7	1	0.9	0.1			VISIBLE GOLD; 1.7-1.8m: qtz micro-			
2.7	3.2	0.5	0.45	0.05			conglomerate.			
3.2	4	0.8	0.8	0						
4	4.7	0.7	0.65	0.05	1.8	3.3	OXIDIZED ALTERED QUARTZOSE	Oxidized & leached.	Mildly fractured & broken	Strong limonite stains.
4.7	5.3	0.6	0.55	0.05			SANDSTONE. Creamy, fi-med gr.	Remanent blotchy silica	Weakly developed	
5.3	6.2	0.9	0.9	0				chlorite alt. Irregular qtz	banding 55/LCA.	
6.2	7.4	1.2	1.2	0				veinlets sub-// banding.		
7.4	9.2	1.8	1.8	0				Veinlets of chlorite.		
9.2	10.7	1.5	1.5	0						
10.7	12.2	1.5	1.5	0	3.3	6.8	ALTERED QUARTZOSE SANDSTONE. Dark	Strongly silif & chlorite-	Mildly fractured & broken,	2% dissem & microveinlet py,
12.2	13.7	1.5	1.5	0			greenish-grey, hard, fine to coarse grained,	biotite altered. Actinolite	stronger fract's low angle	except 5.0-6.1m: 3-5% dissem
13.7	15.2	1.5	1.5	0			quartz-chlorite-biotite(+epidote) rock. Detrital	on fract's. Qtz-sericite	to LCA. Banding	py assoc with grey qtz flooding
15.2	16.7	1.5	1.5	0			quartz visible within altered matrix.	alt assoc with shear	(bedding?) 40-55/LCA.	parallel banding.
16.7	18.2	1.5	1.5	0				50/LCA at 5.1-5.4m.	Lower contact 50/LCA,	
18.2	19.3	1.1	1.1	0					abrupt along banding.	
					6.8	19.3	SILICIFIED QUARTZ SANDSTONE.	Strong to intense silif,	Cleavage (defined by	6.8-12m: 3-5% py mostly in dark
							"Quartzite". Med gr, hard to extremely hard,	increasing with depth,	sericite threads) above	fine dendritic pattern, also as
							uniform, becoming very bland below 15m.	incl silica-flooding in	12m (50-75/LCA), where	microveinlets in fractures
								high-angle vein-like	strongest has common	(orthogonal to cleavage & best
								zones. Mild sericite alt	qtz(+py) veinlets & qtz-	in qtz-flooded zones).
								assoc with cleaved zone	flooding along cleavage.	12 - 13.85m: 2-3% py.
								above 12m. Biotite-	Broken below 17m by	13.85-14.6m: 2% po-py.
								chlorite alt 13.9-14.6m	strong fracture //LCA	14.6-19.3m: 1-2% py in veinlets
								assoc with shear 70/	occupied by greisenous	on fract's >dissem & dendritic.
								LCA at 14.5m. Specks	veinlet of qtz-fluor-ser-py	Sulphides minor at base.
								of fuchsite below 12m.	(cuts py microveinlets).	
							END OF HOLE 19.3m			

862054