

# DIAMOND DRILL RECORD

COMPANY LOGAN MINES LTD.

GOLDEN SLIPPER RESOURCES INC.

PROPERTY Jubilee

Hole No. J 82-4

Date Begun October 15, 1982

Date Finished October 17, 1982

Drill Hydra Wink

Core Size B. Q.

Lat. 104 N

Dep. 510 E

Bearing 295°

Elev. Collar

Dip -50°

Total Depth 257'

Logged by V. Cukor

Date October 24, 1982

Claim J.M. 31

**NVC engineering ltd.**  
VANCOUVER, B.C.

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 7	-	-	Casing.	
7 - 197	180	95	Grey andesite, silicious, in places cherty. From the start of interval rock is more fractured and rusty along the fracture planes. Folliations are noted at 30° - 60° to C.A., changing rapidly. In places rock is serpentized. At 45' there is 1" band of pyrrhotite with some chalcopyrite and arsenopyrite, at 50° to C.A. Throughout the interval there is some minor, very fine chalcopyrite and pyrrhotite disseminated into rock. Chlorite is noted throughout and some sparce epidote crystals are occasionally noted as well. At 57' there is 4" zone fractured and subsequently healed by coarse calcite. At 59' there is 3" of broken core. At 62.5' is open vug with calcite crystals. Rock becomes progressively more silicious. At 87' there is 1' of brecciated rock with grey gouge, with sharp contact to solid rock at 45° to C.A. Several narrow fractures filled with calcite parallel this contact. Elsewhere in the interval, the fractured rock with calcite, limonite gouge and chlorite appears from 68 to 69' and 93 to 97'. From 97 to 102' serpentized rock is poorly recovered (1' of core from 5' sections). From 108' volcanic is again serpentized and hornfels altered. At 118' is a fracture with limonitic gouge. From 120' some pyrrhotite starts appearing in fractures, and seldom as fine disseminations. Some chalcopyrite, disseminated, appears as well. At 129.5' to 132' is ½" fracture filled with quartz almost parallel to core.	

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
			From 150' amount of sulfides slightly increases. At 162 and 167' fractures are filled with calcite (latest one has also small quartz pyramids). Narrow bands of sulfides and/or calcite appear at 40 to 50' to C.A., in average $\frac{1}{4}$ " to $\frac{1}{2}$ " thick. From 170' there are two feet of broken core. At 176' is 1' of rock with hydrothermal quartz and some sulfides, with better chalcopyrite. From 180' some arsenopyrite appears as well.	0332 0333 0334 0355 0336 0337 0338 0339
			At 193' is fractured rock with calcite and some sulfides. Til the end of interval silicification, fracturing and calcite intensive.	0340 0341
197 - 201	3.8	95	Shear zone, with very fractured rock, arsenopyrite and chalcopyrite. Two feet of nearly solid arsenopyrite appears in calcite. Some gouge with ground up sulfides appear as well.	0342 0343
201 - 257	50	89	Andesite and cherty andesite, fractured, with chalcopyrite mostly is stockwork of hairline fractures. Fractures of up to $\frac{1}{4}$ ", filled with sulfides (mostly pyrrhotite) are present at 203, 209, 220 - 222 and 225 - 227 feet.	0344 0345 0346 0347 0348
			From 215' the rock becomes very cherty, and is greenish in colour. Toward the end fracturing increases and from 250' to the end and vuggy with calcite and/or quartz crystals and some with chloritic gouge appear.	
257	-	-	End of hole.	