

# DIAMOND DRILL RECORD

COMPANY LOGAN MINES LTD.

GOLDEN SLIPPER RESOURCES INC.

PROPERTY Jubilee

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

Hole No. J 82 -5  
Date Begun October 17, 1982  
Date Finished October 19, 1982  
Drill Hydra Wink  
Core Size B. Q.

Lat. 104 N  
Dep. 510 E  
Bearing 322°  
Elev. Collar  
Dip -45°  
Total Depth 260'  
Logged by V. Cukor  
Date October 25, 1982  
Claim J.M. 31

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 7	-	-	Casing.	
7 - 178	168	98	Volcanic, greenish grey, brecciated in appearance, silicified, locally cherty. Some foliation noted at 45° to C.A., but angle is in places changing from 30° to 60°. From the start of the interval to 12 feet, rock is extremely fractured, with limonite stain on fracture plains. Core is recovered in small fragments. After 12 feet rock is mostly solid with good core recovery. At 37 feet there is ½" wide fracture filled with quartz at 15° to C.A. From 55 to 62 feet rock is more cherty. At 57 feet there is a 1" band of nearly solid chalcopryrite and pyrrhotite at 35° to C.A. From that point rock becomes more altered (serpentinized) and appears to be brecciated. Bands, ¼" to ½" wide, of white quartz appear more often. At 86 feet is vug with calcite crystals and at 87 feet is an open fracture with calcite crystals. From 132 to 137 feet hairline fractures are filled with pyrrhotite and some chalcopryrite. At 141 feet there is a ¼" band of sulfides at 35° to C.A. From 141 to 145 feet rock is fairly intensely fractured. At 158 feet there is a 1 foot zone of stockwork of hairline fractures with chalcopryrite and pyrrhotite.	
178 - 196	16	89	Chert, greenish in colour, with dark chlorite patches, fractured. Contact to the upper zone is sharp at 55° to C.A. Some pyrite and pyrrhotite is disseminated and in fractures. At 185.5 feet there is 6" of gouge with some sulfides. Rock becomes progressively more fractured and brecciated.	

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
196 - 199	3	100	Fractured cherty volcanic.	
199 - 240	41	100	Chert and cherty volcanic, light greenish grey with dark patches. Rock is fractured, chloritized, serpentinized and contains calcite stringers. At 205 feet there is 1" fracture with gouge and sulfides. From 220 feet to the end of interval sulfide bands become more frequent.	0348 0350 0351 0352
240 - 246	5	83	Shear zone, mineralized. Grey gouge appears until 241 feet, followed by fractured rock with sulfides, nearly massive to massive arsenopyrite with chalcopyrite and with calcite and quartz. Follows fractured rock healed with sulfides and fractured rock with gouge and ground up sulfides toward the end.	0353
246 - 260	14	100	Chert as above the shear zone. Sulfide mineralization sharply ends at the end of previous interval, but at 258.5 feet is 1½" band of pyrrhotite, arsenopyrite and some chalcopyrite.	0354
260			End of hole.	