

DIAMOND DRILL RECORD

091451

COMPANY LOGAN MINES LTD.

PROPERTY Jubilee

GOLDEN SLIPPER RESOURCES, INC.

Hole No. J 82-1

Lat. 14 N

Total Depth 232'

Date Begun October 4, 1982

Dep. 500 E

Logged by V. Cukor

Date Finished October 6, 1982

Bearing 3°

Date October 8, 1982

Drill Hydra Wink

Elev. Collar 0

Claim J.M. 31

Core Size B. Q.

Dip -45°

NVC engineering ltd.
VANCOUVER, B.C.



DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 15	-	-	Casing.	
15 - 31	15	94	Andesite, dark, greenish grey, silicious, brecciated. Throughout the interval observed is a stockwork of hairline fractures healed with silica. A minor amount of sulfides present (mostly pyrrhotite with some grains of chalcopyrite). Rust appears along fracture planes. Core is fractured and is recovered in small fragments till 26 ft. From 26 ft. to end, core is more solid.	
31 - 37	6	100	Chert, brownish, fractured but well healed. Greenish to almost black chlorite, as well as some sulfides, appear in the fractures. Some small sulfides are disseminated into rock as well.	
37 - 74	37	100	Dark andesite, cherty andesite and narrow zones of chert. Rock is fractured and somewhat brecciated. Silicification, brown hornfels and dark chlorite appear throughout and some sulfides appear along fractures. Pronounced foliation is measured at 20 - 30° to C.A., and are often alined with fine sulfides, chlorite and/or silica. Some fracture planes are stained with iron oxides. From 40 to 41 ft. is good pyrrhotite with some chalcopyrite specks. Better sulfides are also at 50 to 51 ft., 52 - 54 ft., and 56 ft. to the end of interval. This last section contains about 2% of sulfides in stockwork, where chalcopyrite content increases and also some isolated arsenopyrite crystals appear.	

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
74 - 108	34	100	Chert, greyish to greenish, fairly brecciated. Stockwork of hairline fractures is filled with silica and sulfides. Content of sulfides increases and zones of good chalcopyrite (90 to 94 ft.) and arsenopyrite (94 to 98 ft.) appear in the fractures and as disseminations. At 98 ft. is band of 4.5" of hydrothermal quartz with about 50% of arsenopyrite. At 102 ft. large crystals of arsenopyrite are imbedded into rocks. From 105 ft. to end of interval some arsenopyrite and/or chalcopyrite is disseminated into rock.	0301 0302
108 - 139	29	94	Brecciated hornfels volcanic, silicious, with fine pyrite and pyrrhotite found along the hairline fractures. Contact to upper zone is sharp at about 20° to C.A. Core is solid and it is recovered in pieces of up to 1 ft. long. At 119 to 122 ft. there is a fracture almost parallel to core filled with ¼" quartz. At 126 to 127 ft. core is broken. Foliation is prominent at about 40° to C.A., and even more pronounced by aligned brown hornfels, dark chlorite and silica alterations. Locally sulfides appear as well. In places, foliation is wavy. At 134 ft. there is silicious zone with some fine pyrite cubes.	
139 - 212	73	100	Light, greenish chert, with some narrow sections of brecciated volcanic. Rock is fractured and healed with silica. Some chlorite and/or sulfides appear in fractures. Some fractures also carry serpentine, calcite, gypsum, tremolite and/or kaolin. From 143 to 144.5 ft. good pyrrhotite is accompanied with chalcopyrite. Along one fracture within this interval, some ground up sulfides are found. From 144.5 to 147 ft. very broken core with white crystallized quartz at the end. From 147 to 150 ft. there is good arsenopyrite with some chalcopyrite. This includes a 3" zone of massive arsenopyrite at 35° to C.A. From 152 to 160 ft. there is a stockwork of pyrrhotite with some arsenopyrite. From 167 to 170 ft. - broken rock. From 171 to 186 ft. fair to very good chalcopyrite in fractures,	0303 0304 0311 0312 0313 0314 0315

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
			and disseminated, with very good arsenopyrite from 179.5 to 181 ft. and 183 to 184.5 ft. The zone from 182.5 to 183 ft. is broken. In this section brecciation and shearing increases. Some slickensides are found with sulfides along the planes (some sulfide crystals subsequently sheared). At 190 ft. a 3/4" band of solid arsenopyrite at 35° to C.A.	0316 0305 0306
			At 195 ft. there is another band of arsenopyrite at 20° to C.A. Rock is again more fractured and serpentization appears. From 200 to 201.5 ft. is grey gouge and so is at 204 and 205 ft.	0317 0318 0307
			From 207 ft. there is shearing at 35° to C.A. and at 209 ft. it is changing to 15°. Fairly good chalcopyrite still prevails in irregular fractures. Serpentinization and silicification are more intense.	0319 0320 0321
212 - 218.5	4	62	Mineralized zone - arsenopyrite, chalcopyrite, white quartz in coarse calcite crystals (at 214 ft. ground up large clear calcite crystals). Fair amount of arsenopyrite was ground up (the rods were pulled four times in this section at 212, 213, 214 and 217 ft.)	0308
218.5 - 220.5	2	100	Chert as in the section prior to zone.	0309
220.5 - 232	11	96	Green volcanic, fractured, but much less intense than previous sections. Content of sulfides very low.	
232			End of hole.	