019165

DIAMOND DRILL HOLE RECORD

GIANT MASCOT MINES LTD.

Property BIG MISSOURI

Level	Lat.	Hole No. BM-74-1	Dip Tests
Location	Dep.	Sheet No. 1	
Date Started June 28	Elev. 3500'	Core Size EX	
Date Finished July 4/74	Bearing 270° true	Logged by L. SCOTT	
Depth 118'	Slope −45°		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
5½	118'	CATACLASITE.
		Light-colored grey-green rock which is heavily silicified and contains numerous quartz-calcite veins ½" to 6" wide. Occasional ¼" stringers of fibrous talc can be observed in the rock.
		The core contains copious amounts of pyrite in cubes (0.1-1.5 mm), in blebs & massive mineral. Generally galena and sphalerite occur in narrow stringers parallel to qtz veins, or as blebs & disseminations within the cataclasite. Chalcopyrite is associated, at times, with the galena-sphalerite mineralization.
		A strong fracture occurs 27-28' at 10° to the core axis.
		The heaviest concentration of sulphides is found in the interval 15-17½'.
		6" quartz stringers occur at 23' & 32½'
		4" " " " at 51'
		1' " " " at 78'
		one foot of broken core at 59' but does not appear to represent structure
		Galena-sphalerite much as before & heavy in zone 35½-37' where chalcopyrite also occurs in this interval.
		There is evidence of a strong fracture at 35'8 ± 1.
		For the remainder of the hole sulphides are [illegible] with [illegible]
Total	118'	[illegible]

CORE ASSAYS No.	FROM	TO	FEET	Cu, %	Pb, %	Zn, %				RECOVERY RUN	SHORT

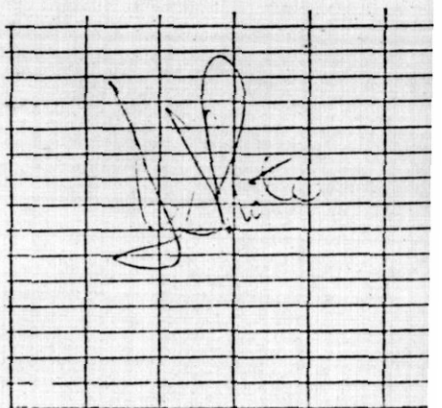
DIAMOND DRILL HOLE RECORD

GIANT MASCOT MINES LTD.

Property BIG MISSOURI

Level	Lat.	Hole No. BM-74-2	Dip Tests
Location	Dep.	Sheet No. 1	
Date Started June 28-74	Elev. 3500'	Core Size EX	
Date Finished June 4/74	Bearing 270° true	Logged by I. Rota	
Depth 92½'	Slope -50°		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS	RECOVERY
3'	92½'	CATACLASITE		
		• Light-grey rock comparable to that of BM-74-1, Shaft is made intensely silicified.		
		• Mineralization consists of ubiquitous pyrite as discrete cubes up to 1/8 mm in size in blebs, disseminations, and massive concentrations		
		• Pyrite mineralization is quite strong in the interval 15' to approx 45'. this section also contains blebs and dissemination of sphalerite & galena The latter minerals comprise 15% of the core from 16'-17½'.		
		• Starting at 27' thru to 30½' disseminated sphalerite occurs in the core with the occasional ¼" bleb of chalcopyrite. Only minor sphalerite & galena are found in the remaining mineralized interval terminating at 45'.		
		• 5" quartz veins at 16' & 30½' may bound the sphal-gal min'n.		
		• In the remaining drill core the occ'n of pyrite is more persistent commencing at 51'		
		• A quartz mixed with a small amount of galena-sphal. (cpy?) occurs in the interval 70½'-71'.		
		• Near 65' wall core is fractured @ 45°		
	92½'	= EOH		



DIAMOND DRILL HOLE RECORD

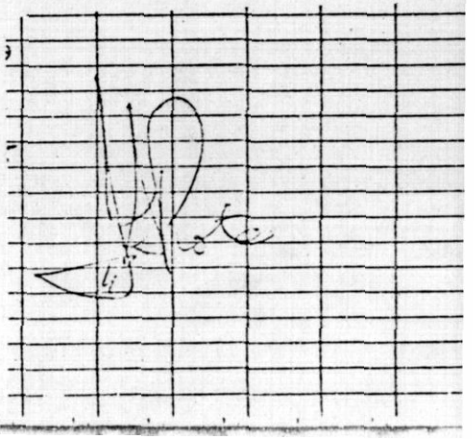
GIANT MASCOT MINES LTD.

Property BIG MISSOURI

Level Surface	Lat.	Hole No. BM-74-3	Dip Tests
Location	Dep.	Sheet No. 1	
Date Started July 5th/74	Elev. 3500'	Core Size EX	
Date Finished July 8/74	Bearing 270° (True)	Logged by L. ROTE	
Depth 1241'	Slope -45°		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS	RECOVERY
0	4'	CASING		
4'	1241'	CATACLASITE:		

- A fine-grained, light-green to gray rock, very much silicified, and containing copious amounts of pyrite.
- Quartz-calcite veins are prominent in the core, and commonly have minor amounts of associated galena & sphalerite.
- Pyrite mineralization is more pronounced commencing at approx. 35' with the interval 75' to 91' containing appreciable amounts of sphal, galena & chalcopy.
- The latter mineralized section also contains a black coal-like mineral in small seams & hairline fractures which could not be identified.
- A small slip occurs at 265' & 267'
- The core contains appreciable py and minor sphal-galena, thruout to 701' at which point the number of quartz-calcite veins diminishes
- The remainder of the hole is in gray-green cataclasite containing minor amounts of pyrite, with occasional plates of sphal-galena, and 2 or 3 talc-coated slips at 45° to the core.



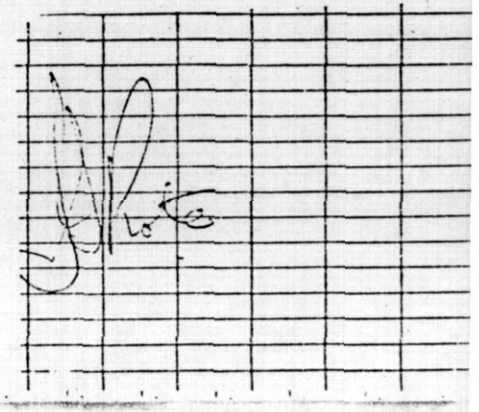
DIAMOND DRILL HOLE RECORD

GIANT MASCOT MINES LTD.

Property BIG MISSOURI

Level Surface	Lat.	Hole No. BM-74-4	Dip Tests
Location	Dep.	Sheet No. 1	
Date Started July 6	Elev. 3500'	Core Size EX	
Date Finished July 9	Bearing due west	Logged by I. ROTE	
Depth 92'	Slope -45°		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS NO.	FROM	TO	FEET	Cu %	Pb %	Zn %	RECOVERY RUN	SHORT
12'	92'	CATACLASITE									
		• Intensely silicified quartz-sericite variegated & containing numerous quartz veins ¼" to 6" wide									
		• mineralogy is the same as the previous holes, with pyrite occurring as disseminated cubes and (blebs) being the principal sulfide.									
		• Only very minor amounts of sphalerite (as scattered blebs) and virtually no galena is evident in the core.									
		• In the upper 20' of the hole ¼" pyrite stringers and ⅓" veins of fibrous talc									
		• Throughout the core occasional talc coated slips & fractures occur.									
		• At 36'-37½' there is a 6" zone of pyrite (& talc) veining, banded at 45° to core.									
		• Pyrite blebs and seams in the interval 62½'-82' are enclosed in fibrous talc.									
		• From 82' to 92', the rock contains less quartz veins, is dark-green in color but still contains moderate amounts of disseminated pyrite.									



DIAMOND DRILL HOLE RECORD

GIANT MASCOT MINES LTD.

Property BIG MISSOURI

Level Surface	Lat.	Hole No. BM-74-5	Dip Tests
Location Ridge	Dep.	Sheet No. 1	
Date Started July 9/74	Elev. 5500'	Core Size EX	
Date Finished July 11/74	Bearing due west	Logged by I. ROTE	
Depth 78'	Slope −50°		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
0	78	CATACLASITE
		• Grey-green fine-grained rock contaminated numerous quartz veins & mineralized with pyrite in disseminated up to ½" blebs and in seams ranging from 1/16 to 1" wide
		• The pyrite is contained in the country rock as well as the qtz vein on the whole basis.
		• The only chalcopyrite seen in the core was associated with a quartz vein at 72'.
		• Strong fractures occur at 15', 29', 42½', 51' & 68'.
		• Quartz veins become less pronounced by 70' and thereafter the rock is tighter with with ⅛ qtz veins at 45° to core

CORE ASSAYS NO.	FROM	TO	FEET	Cu %	Pb %	Zn %	RECOVERY RUN	SHORT

I. Rote

DIAMOND DRILL HOLE RECORD

GIANT MASCOT MINES LTD.

Property BIG MISSOURI

Level Surface	Lat.	Hole No. BM-74-6	Dip Tests
Location	Dep.	Sheet No. 1	
Date Started July 9/74	Elev. 3502'	Core Size EX	
Date Finished July 10 74	Bearing due east	Logged by L. POTE	
Depth 41'	Slope -45°		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
0	3'	Casing
3	41'	CATACLASITE
		• Typical f.g. grey-green rock containing numerous quartz veins ¼" - 1" wide
		• Pyrite as scattered blebs and dissemination occurs throughout the core.
		• Strong fractures occur at 16½' and 23½'
		• The rock contains many quartz veins in the last 6' of the hole. Hole stopped in broken ground

CORE ASSAYS No.	FROM	TO	FEET	Cu %	Pb %	Zn %	RECOVERY RUN	SHORT

DIAMOND DRILL HOLE RECORD

GIANT MASCOT MINES LTD.

Property BIG MISSOURI

Level Surface	Lat.	Hole No. BM-74-7	Dip Tests
Location	Dep.	Sheet No. 1	
Date Started July 11/74	Elev. 3504	Core Size EX	
Date Finished July 12/74	Bearing due east	Logged by I. ROTE	
Depth 57'	Slope −45°		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
0	57	CATACLASITE.
		• Grey-green fine rock, quite well sheared & containing the usual accessory talc. (calite?) & copious py to 45°
		• Quartz veins in the core average 1/8" in width & are generally at 30° to the core axis.
		• Some limonite-stained fractures occur at 8', 9½' & 48'
		• Neither sphalerite or galena were seen in the core.

CORE ASSAYS NO.	FROM	TO	FEET	Cu %	Pb %	Zn %	RECOVERY RUN	SHORT

Big Missouri

DIAMOND DRILL HOLE RECORD

GIANT MASCOT MINES LTD.

Property BIG MISSOURI

Level Surface	Lat.		Hole No. BM-74-5	Dip Tests	
Location	Dep.		Sheet No. 1		
Date Started July 13/74	Elev. 3506'		Core Size EX		
Date Finished July 19/74	Bearing due east		Logged by L. ROTE		
Depth 59'	Slope -40°				

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
0'	59'	CATACLASITE
		• Grey f.g. rock containing ¼"-½" qtz veinlets. Pyrite is disseminated throughout the core & occurs in veins are ¼" in width and @ 45° to core axis
		• Quartz veins cut the core at an angle of 45° generally.
		• A 6" quartz vein & a strong fracture are found at 48'. The vein contains crystal-lined vugs & is limonite-stained.
		• No stratum or gouge was seen in the cataclasite or associated with the quartz veins

CORE ASSAYS

NO.	FROM	TO	FEET	Cu %	Pb %	Zn %			RECOVERY RUN	RECOVERY SHORT

DIAMOND DRILL HOLE RECORD

GIANT MASCOT MINES LTD.

Property BIG MISSOURI

Level Surface	Lat.	Hole No. BM-T4-9	Dip Tests
Location	Dep.	Sheet No. 1	
Date Started July 13/71	Elev. 3526'	Core Size EX	
Date Finished July 14/71	Bearing due east	Logged by I. ROTE	
Depth 65'	Slope -40°		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
0	65'	CATACLASITE
		· F. g. grey-green rock, well-silicified containing numerous small quartz veins
		· A 1½' quartz vein occurs from 11½'-13'.
		· Pyrite, in dissemminations and blebs, is prevalent in the interval 0-30'.
		· 30-65', the number of quartz veins diminishes & pyrite is less plentiful.

CORE ASSAYS

No.	FROM	TO	FEET	Au %	Ag %	Zn %			

RECOVERY

RUN	SHORT

DIAMOND DRILL HOLE RECORD

GIANT MASCOT MINES LTD.

Property BIG MISSOURI

Level	Lat.	Hole No. BM-74-10	Dip Tests
Location	Dep.	Sheet No. 1	
Date Started July 26/74	Elev. 3460'	Core Size EX	
Date Finished July 27/74	Bearing due east	Logged by I ROTE	
Depth 351'	Slope −40°		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
0	35'	CATACLASITE
		• Light-coloured grey-green rock containing numerous quartz veins ⅛"-½" in width. Mineralization consists of plentiful pyrite disseminated in the host rock as cubes up to 2mm in size. The quartz veins contain less py but commonly have minor amounts of blebby galena and sphalerite occurring along the margins of the veins.
		• A fault occurs at 22' & 1½' of core is ground in the interval 20-22.5'
		• Broken ground occurs from 22-25'
		• Fault gouge is found from 27-31'
		• The remainder of the hole is in typical cataclasite
		EOH at 35' — Because of the above fault zone it was impossible to return the rods past 28' The hole was abandoned in lieu of trying to drive casing

CORE ASSAYS NO.	FROM	TO	FEET	Cu %	Pb %	Zn %	RECOVERY RUN	SHORT

I Rote

DIAMOND DRILL HOLE RECORD

GIANT MASCOT MINES LTD.

Property BIG MISSOURI

Level	Lat.	Hole No. BM-74-11	Dip Tests
Location	Dep.	Sheet No. 1	
Date Started July 27	Elev. 3460'	Core Size EX	
Date Finished July 30	Bearing due east	Logged by I. ROTE	
Depth 60'	Slope -45°		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
0	4	FLOAT (Red Volcanic)
4	60	CATACLASITE • Initial 4' somewhat leached • Typical rock containing minute py & occasional qtz veinlets • Scattered blebs & dissemminations of galena and sphalerite occur 4 - 16' • FAULT at 16½ - 17½' of core gnd • SLIP at 26½'. • Remainder of core to EOH consists of grey-green cataclasite containing scattered veins of <1mm py.

CORE ASSAYS

NO.	FROM	TO	FEET	Cu %	Pb %	Zn %			

RECOVERY

RUN	SHORT