

0440 0001

213
Item 2

BARCELONA PROSPECT

LOG OF DIAMOND DRILL HOLE B-4

<u>Interval</u>	<u>Rock Type</u>	<u>Remarks</u>
0-54	Alluvium	
54-146	Black Limestone	Probably carbonaceous in part; oxidized to 131 ft; 1 - 2% pyrite as disseminated grains and thin films below 131 ft.
146-148	Graphitic Breccia	Abundant pyrite disseminated in graphitic material; strong IP response.
148-219	Black Limestone, Hornfels	Banded, recrystallized, carbonaceous; varying amounts (1 - 5%) pyrite and pyrrhotite occurring as disseminated grains and thin streaks along bedding; strong IP response.
219-375	Meta-argillite	Strongly banded; bands consist of micaceous phyllitic material (reddish brown), hornfels (black), and quartzite (light gray); local carbonaceous material; varying amounts (1/2 - 4%) pyrite and subordinate pyrrhotite - similar in occurrence to sulfides at 148 - 219 ft.; moderate IP response to 250 feet.
375-420	Mica Schist	Very minute pyrite in disseminated specks; traces pyrrhotite.

Total depth 420 feet.

Assays of representative sections of the core are as follows:

<u>Sample No.</u>	<u>Interval</u>	<u>% Mo</u>	<u>Oz/ton Au</u>	<u>Oz/ton Ag</u>	<u>% U₃O₈</u>
11563	146-150	0.006	nil	tr	nil
11567	160-170	0.009	nil	0.08	.005
11564	190-200	0.002	nil	tr	.005
11568	270-280	0.003	nil	0.06	
11566	320-330	0.007	nil	0.04	
11565	390-400	0.003	nil	0.04	

see map files for 10 maps.