DRILL LOG

Hole No.:	F-60-2	Angle:	-60°
Location:	60.00 S + 5.52 E	Azimuth:	N. 63° 30' W.
	Crawford Pond	Depth:	420'0"
	Ice Grid	Elevation:	120' (water level + 10')
	Coordinates	Logged by:	D. E. Wyke
			5/1/61 to 5/13/61

Drill Hole Data:

0' 0" - 20' 0"	BX casing
16' 8" - 420' 0"	Diamond Drill Core

Depth		Lithology
0' 0"	16' 8"	Soil
16' 8"	25' 7"	Pegmatite or pegmatized schist: quartz, biotite, minor basic feldspar; medium grained; uniformly granular; no schistosity; quartz veins: 23'4" - 23'5" 24'6" - 24'7" 24'11"-25'7"
25' 7"	-33' 11"	Schist: quartz, biotite; pegmatized in sections; calcite in fractures; pegmatite veins: 26'3" - 26'7" 26'11" - 28'8" 29'2" - 29'8"
33' 11"	- 37' 10"	Marble and dolomite: evidence of talc; few narrow bands of quartz-biotite schist.
37' 10"	- 45' 1"	Schist: quartz, biotite; coarse-grained; crystals altered as in flow rock; 37'10" - 38'9" Schist: quartz, biotite; minor calcite; 38'9" - 39'0" quartz vein.
45' 1"	- 49' 5"	Dolomitic marble: altered; few 1" bands of quartz-biotite schist.
49' 5"	- 53' 10"	Pegmatite: quartz, muscovite.

Depth	Lithology
53' 10" - 71' 9"	Schist: quartz, biotite, muscovite; strong pegmatization in upper 13"; calcite in fractures.
71' 9" - 76' 11"	Marble: altered; soft; fractured; subjected to ground water action; pegmatized in upper 4'.
76'11" - 90'2"	Mica schist: generally fine-grained; abundant calcite; calcite increases in weathered and friable zone from 83'0" - 90'2".
90'2" - 121'0"	Marble: white to 102'0"; micaceous below 102'0"; weathered and soft below 110'5".
121'0" - 136'4"	Schist: quartz, biotite; some 1" to 2" quartz veins; minor fractures with calcite; schistosity angles with core axis: 122' 40° 125' 0° (drag) 132' 70° 134' 65°
136'4" - 140'0"	Pegmatite: quartz, biotite; narrow bands quartz-biotite schist.
140'0" - 153'10"	Schist: quartz, biotite; strongly pegmatized.
153'10" - 159'4"	Pegmatized Marble: some 1" to 3" quartz veins.
159'4" -160'6"	Schist: quartz, biotite; schistosity angle with core axis: 50°.
160'6" - 183'1"	Marble: 160'6" - 168'2" pegmatized; 168'2" - 168'8" quartz-biotite schist; 168'8" - 180'4" impure and weathered.
183' 1" - 184' 8"	Pegmatite: quartz, muscovite.
184' 8" - 190' 1"	Schist: quartz, biotite.
190' 1" - 192' 0"	Pegmatite: quartz, biotite, muscovite.

Depth	Lithology
192'0" - 200' 7"	Schist: quartz, biotite, garnet; strong pegmatization; schistosity angle 45°.
200' 7" - 201' 10"	Schist: quartz, biotite.
201' 10" - 206' 1"	Schist: quartz, biotite, garnet; chloritic; strongly pegmatized; occasional pyrrhotite crystal adjacent to garnet crystal; some pyrite veinlets.
206' 1" - 208' 10"	Schist: quartz, biotite, chlorite; garnet bands to 1/2"; very minor pyrrhotite; minor pyrite; schistosity angle with core axis; 206' 75° 210' 75° 215' 75° 220' 75°
208' 10" - 228' 10"	Schist: quartz, biotite, chlorite; disseminated garnet.
228' 10" - 239' 9"	Schist: quartz, biotite, chlorite; minor graphite parallel to schistosity; pyrite associated with graphite.
239' 9" - 301' 0"	Schist: quartz, biotite, garnet, chlorite; serpentinized and calcite in fractures; minor graphite; pyrite associated with graphite; quartz-biotite-garnet pegmatite 242' 2" - 243' 10"; schistosity angle with core axis generally 60° to 70°; pyrrhotite noticeable below 201' 10" and is now approaching 1%; pyrrhotite generally parallel to schistosity.
301' 0" - 327' 2"	Schist; quartz, biotite, chlorite: section as above except garnet in bands 1" to 2".
327' 2" - 328' 6"	Pegmatite; quartz, biotite.
328' 6" - 344' 3"	Schist: quartz, biotite, chlorite: disseminated garnet; graphite and pyrite present; pyrrhotite approximately 1%; section strongly pegmatized.

Depth	Lithology
344' 3" - 353' 7"	Schist: quartz, hornblende, biotite; strongly pegmatized.
353' 7" - 357' 0"	Schist: quartz, biotite, garnet, chlorite; serpentinized; calcite in fractures; graphite 1% plus; disseminated garnet; pyrrhotite 1% plus; section pegmatized.
357' 0" - 369' 9"	Schist: quartz, hornblende, biotite; quartz bands; some garnet; serpentine in lower 1'.
369' 9" - 394' 4"	Peridotite: black; probably augite; generally unaltered; some evidence of chlorite; pyrrhotite 70% and uniformly disseminated; 377' 0" - 377' 4" massive pyrrhotite; 377' 4" - 379' 1" pyrrhotite content drops to 20% in 4" biotite rich zone then increases to 70% at bottom of this zone; 393' 9" - 394' 1" massive pyrrhotite. 394' 1" - 394' 4" probably altered schist with pyrrhotite content 50%.
394' 4" - 420' 0"	Schist: quartz, biotite, chlorite; graphite to 1% parallel to schistosity; 2" to 4" pegmatite veins of quartz-biotite-minor muscovite.

* * * TDA 420' * * *

ASSAYS: Ni, Cu, Co, Fe, S.

E-60-2-1	369' 9" - 374' 9"
E-60-2-2	374' 9" - 379' 9"
E-60-2-3	379' 9" - 384' 9"
E-60-2-4	384' 9" - 389' 9"
E-60-2-5	389' 9" - 394' 4"