DRILL LOG

Hole No.:	E-62-1	Angle:	-41°
Location:	61.75 S. + 4.70 E.	Bearing:	N. 72° W.
	Crawford Pond	Depth:	364'
	Ice Grid	Elevation:	110' above sea level
	Coordinates	Logged by:	D. E. Wyke
			7/1/61 to 7/18/61

Drill Hole Data:

0' 0"	- 46' 0"	NX casing (left in hole at Operator's request)
45' 0"	- 55' 0"	AX casing (left in hole at Operator's request)
55' 0"	- 249' 0"	AX casing lost in hole
0' 0"	- 46' 0"	Sand (no core)
46' 0"	- 249' 0"	BXWL core
249' 0"	- 364' 0"	AX core

Depth		Lithology
0' 0"	- 46' 0"	Sand
46' 0"	- 68' 9"	Schist: quartz, biotite; pegmatized; schistosity angle with core axis 70°.
68' 9"	- 71' 10"	Schist: quartz, chlorite; 3" altered hornblend schist near base of section; 70' 11" - 71' 4" vein quartz-biotite pegmatite.
71' 10"	- 73' 0"	Schist: quartz, biotite; schistosity angle 70° to core axis; 72' 1" - 72' 5" quartz-chlorite schist.
73' 0"	- 77' 11"	Pegmatite: quartz, biotite; 74' 7" - 75' 0" chloritic; 76' 7" - 76' 10" chloritic.
77' 11"	- 89' 5"	Schist: quartz, biotite; strong pegmatization.
89' 5"	- 91' 8"	Schist: quartz, biotite; minor chlorite; minor pyrite lower 3"; schistosity angle generally 80°; 89' 5" - 89' 9" quartz vein with pyrite; 90' 10" - 91' 5" quartz-biotite-hornblend schist.
91' 8"	- 98' 9"	Pegmatite: quartz, biotite; 3" inclusion quartz-biotite schist.

Depth	Lithology
98' 9" - 107' 10"	Marble: impure, probably dolomitic; pegmatized lower 2'.
107' 10" - 120' 6"	Schist: quartz, biotite; strong pegmatization; inclusions quartz-biotite schist and biotite schist.
120' 6" - 138' 0"	Marble: partly dissolved by ground water; abundant disseminated garnet; micaceous; narrow quartz veins; 130' 9" - 138' 0" dolomitic; 120' 6" - 130' 9" fractured core.
138' 0" - 141' 2"	Schist: garnet; calcareous; minor calcite and quartz veins.
141' 2" - 162' 0"	Schist: quartz, biotite, chlorite, garnet; calcareous; narrow quartz veins.
162' 0" - 164' 3"	Schist: quartz, biotite, chlorite; minor garnet; calcareous and micaceous.
164' 3" - 166' 0"	Pegmatite: quartz, biotite.
166' 0" - 204' 0"	Schist: quartz, biotite, chlorite; minor garnet; calcareous and micaceous; 2" to 8" quartz-biotite pegmatite veins; increase in garnet at 184'; 184' - 204' fractured core.
204' 0" - 213' 3"	Pegmatite: quartz, muscovite; minor biotite.
213' 3" - 272' 3"	Schist: quartz, chlorite, biotite; garnetiferous top 3'; irregular schistosity; calcareous and micaceous; evidence of very minor graphite; pyrite in fractures; Changed to AX core at 249' 0" for better recovery and condition of core....
272' 3" - 283' 4"	Schist: quartz, muscovite, biotite; fine-grained; poor schistosity; 3" to 8" veins quartz-biotite pegmatite; strongly pegmatized section.
283' 4" - 295' 3"	Schist: quartz, biotite, chlorite; minor graphite; minor pyrite; minor pyrrhotite below 295' 0".

Depth	Lithology
295' 3" - 302' 10"	Peridotite: pyroxene; chloritic; 295' 3" - 295' 7" pyrrhotite semi-massive with high copper content; 295' 7" - 302' 10" pyrrhotite to 25%; pyrrhotite disseminated and doubtfully interconnected.
302' 10" - 320' 0"	Pegmatite: quartz, biotite; top 6" contains 10% pyrrhotite and copper; 317' 5" - 317' 11" contains 10% pyrrhotite.
320' 0" - 325' 6"	Peridotite: pyroxene; less chlorite than above section; pyrrhotite to 40% plus; disseminated and interconnected.
325' 6" - 330' 0"	Peridotite: pyroxene; minor chlorite; pyrrhotite to 55%.
330' 0" - 334' 8"	Pegmatite: quartz, biotite; inclusions anthophylite peridotite with 5% to 15% pyrrhotite from: 330' 9" - 331' 2" 331' 8" - 332' 0" 333' 1" - 333' 10"
334' 8" - 339' 1"	Peridotite: pyroxene; chloritic; pyrrhotite generally 25%; pyrrhotite to 30%; 338' 3" - 339' 1" massive pyrrhotite.
339' 1" - 343' 0"	Schist: quartz, biotite, chlorite, graphite; graphite 2% to 3%; pyrrhotite 1% top 18"; schistosity angle with core axis 60°.
343' 0" - 364' 0"	Schist: quartz, chlorite; minor biotite; schistosity angle 60°; minor graphite and pyrite; 1" veins quartz; strong pegmatization below 362' 1".

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Total Depth 364' 0"

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ASSAYS:	E-62-1-1	295' 3" - 302' 0"	
	E-62-1-2	302' 0" - 305' 6"	
	E-62-1-3	305' 6" - 320' 0"	dike
	E-62-1-4	320' 0" - 325' 0"	
	E-62-1-5	325' 0" - 330' 0"	
	E-62-1-6	330' 0" - 335' 0"	dike
	E-62-1-7	335' 0" - 339' 2"	