DIAMOND DRILL LOG

Hole Number: Bev 6 Grid: Bev K

147 + 55N Angle: -80° Direction: South
55 + 30E Depth: 638'

Date Started: November 12, 1975 Finished: November 19, 1975

Drilled by: E. Caron Diamond Drilling Co. Ltd.

Logged By: R. Stupnikoff

0 - 122 Overburden, Boulders of graphite bearing rock, Dunite Granodiorite. Graphitic mud and pebbles 51.5-52, 61.5-62.5. Casing went to 82'.

122 - 172 Serpentinized dunite, light to dark green, incompetent, sections of core muddy breccia from 153-164, massive no core angles.

172 - 174.6 Altered limestone, competent, massive with inclusions of serpentine. 174-174.6 - serpentinized mud.

174.6 - 200 Cherty limestone, grey competent, massive with calcite viens and possible crinoid stems. 179-180 Breccia with quartz fragments.

200 - 282.5 Graphite calcite schist, incompetent, generally brecciated with graphite as matrix in some sections of core. Quartz and calcite stringers elongated calcite clasts and cube pyrite occur in core. Graphite mud from 219-221

219 - 221.5 90% graphite

221.5 282.5 30% graphite

Core angle: @ 263 = 60°

@ 274 = 52°

282.5 - 362 Graphite schist, very incompetent, with occasional fine

282.5 - 362 ..grained cube pyrite, deformed quartz and calcite stringers.
Graphite mud from 282.5 - 282.6
Rich in calcite from 300 - 321.5

362- 377.0 Graphite calcite schist. 20% - 40% graphite

377.0-411.8 Slate, hard incompetent, Brecciated. Some section of core rich in calcite. Occasional cube pyrite. 402-405 graphite mud.

411.8 - 415.0 Limey phyllite grey incompetent, well laminated with calcite stringers. Occasional cube pyrite. Core angles generally 55^{0} - 60^{0}.

415.0 - 416.5 Mineralized calcite, incompetent crystaline calcite with 4% pyrite.

416.5 - 420.0 Limey phyllite grading into graphite schist

420.0 - 500.0 Graphite schist, incompetent graphite mud 428 - 431. Rich in quartz clasts and stringers 498 - 500'.

500.0 - 520.0 Limey phyllite, grey incompetent with deformed calcite clasts and viens.

520.0 - 527.0 Graphite schist, 30% graphite, 520-522 Graphite mud.

527.0 - 530.0 Grey phyllite incompetent well laminated with occesional pyrite cubes.

530.0 - 538.0 Graphite schist with trace fine grained cube pyrite

538.0 - 542.0 Phyllite breccia incompetent, brecciated phyllite with quartz vien matrix. 2% cube pyrite, graphite schist 538.6 - 538.8

542.0 - 546.0 Graphite schist with rounded quartz pebble

546.0 - 552.0 Slate with pyrite cubes.

552.0 - 607.0 Lusturous phyllite-incompetent well laminated irregular deformed patches of graphite occur in some sections of core. Pyrite cubes and quartz viens occur with the graphite. Phyllite grades into slate in some sections of core. 574 - 575 phyllite mud. Core angles @ 572 = 55°

607.0 - 638.0 Slate incompetent well laminated with quartz viens and pyrite cubes, grades into phyllite and graphite in some sections of core.

609.5 - 616.0 Graphite schist

632.0 - 637.0 Bands of graphite in phyllite

Core angles @ 607 = 55°
@ 637 = 60°

END OF HOLE '638'

Lost Core: 275.6-279.0;279.4-282.0;282.6-285.0;285.1-288.0; 289.3-292.0;293.0-300.0;306.0-321.0;323.9-334.0;334.2-362.0; 363.0-372.0;324-377.0;377.6-394.0;395.7-397.0;398.2-402.0; 402.6-405.0;405.2-407.0;408.2-409.0;414.2-415.0;432.8-436.5; 437.5-438.0;447.5-453.0;482.8-488.0;492.0-500.0;506.6-512.0; 512.0-517.0;517.9-520.0;520.9-522.0;522.6-523.0;526.7-527.0; 527.8-529.0;540.8-542.0;545.0-546.0;547.0-549.0;550.6-552.0; 554.6-556.0;558.1-559.0;561.1-566.0;575.2-576.0;577.5-592.0; 596.0-598.0;601.2-602.0;611.8-616.0;622.5-623.0;625.0-627.0; 628.4-632.0;634.0-637.0;

R. Stupnikoff