

GM 08792-C

DRILL HOLE RECORD

Documents complémentaires

Additional Files



Licence



Licence

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Énergie et Ressources
naturelles

Québec 

LAKE DFAULT MINES LTD.

Drill Hole Record

| | | | | | | | | | | | |
|------------------------------|--------------------------------|---|---------------|------------------|------------|-------------|----|----|-----|-----|--|
| Hole No. N104 | Lat. 18,949.62 | Dep. 20,919.40 | Elev. 1043.23 | Dip Vertical | Bearing -- | Depth 1704' | | | | | |
| Working Place EAST NORBEC | Date Started Nov. 11, 1958 | Dip Corrected Tests Reading 50' 90° 500' 89° 1000' 89° 1350' 88.5° | Depth | SAMPLED SECTIONS | | | | | | | |
| | Date Completed Dec. 8, 1958 | | Read | From | To | C.L. | Cu | Zn | Au. | Ag. | |
| | | | Corrected | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
|-------|-----------|-------------------|------------|---------|-----------------------------|--------------------------|-------------------------|---------------------------|
| 0-9 | Casing | | | | | | | |
| 23' | QFP | pale-gry | f.g. | Porph. | Massive | | Sc py po & ch | Ch confined to slips. |
| 30.4 | Diorite | med-gry | m.g. | " (fsp) | " | | | |
| 57.5 | QFP | pale-gry | f.g. | " | Gneissic 43-48 | 43-48 fsp's alt 43-48 | diss py po ch | 43-48 |
| 62 | Andesite | med-gry | f.g. | | Massive | | | Dyke? |
| 63 | Qtz. vein | | | | Wk shearing | | | |
| 217 | QFP | pale-gry | | | Gneissic from | fsp's opaque | 75-84 | |
| | | | | | 153-155 & 178-218 | 153-155 & 178-218. | | |
| 229 | QFP | m-gry-grn | f.g. | Porph | | Chlor'd fsp mod | 222-223 sc diss py & ch | |
| 233.5 | Diorite | dk-grn | f.g. | | | Mod. chlorite | sc py | |
| 274 | QFP | med-grn | f.g. | Porph | | Wk mod chlorite | sc py | |
| 277 | Diorite | med-grn | f.g. | | Massive | | | |
| 283 | QFP | med-gry | f.g. | Porph | Massive | Wk chlor | sc py. | |
| 291 | Diorite | dk-grn | f.g. | | Massive | | sc py. | sh 285 to 287 - 30° to CA |
| 308.5 | QFP | med-gry | f.g. | Porph | Wk shr'g. | Wk chlorite | | |
| 310.5 | Diorite | dk-grn | f.g. | | Massive | | | |
| | QFP | m-pale-gry | | | Wk-sh'r'g | 323-369 some sil'n? | | |
| | | | | | prom shear | | | |
| | | | | | 349-355 at 25° to CA | | sc py. | |
| | | | | | sh'r'g at 369 strg chlorite | | | |
| | | | | | 369 - 377. | | | |
| 533.5 | Diorite | med-grn | f.g. | | Massive | Mod. strg. chlor. | | |
| 545 | QFP | med-gry | f.g. | Porph. | " | Mod. chlorite | | |
| 554 | Diorite | med-grn | f.g. | Porph. | " | strg. chlorite. | | |
| 556 | QFP | med-gry | f.g. | Porph | " | " | | |
| 557.5 | Diorite | med-grn | f.g. | " | " | " | | |

Ministère des Richesses Naturelles, Québec
SERVICE DE LA
DOCUMENTATION TECHNIQUE

Date:
No GM: 8792-C

Hole No. N 104

Logged by E. D. Dodson

| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
|--------|----------------------------|-------------------|------------|----------------|--------------------|-------------------------|---------------------|--|
| 571.5 | QFP | med-grn | f.g. | Porph. | Massive | Diss to sc ch & | py. | ch-varies to negligible. |
| 577 | Diorite | med-grn | f.g. | | Sheared | | | |
| 586 | QFP | med-grn | f.g. | Porph | | Mod chlorite | Diss to sc py & ch. | Shr'g at lower ctct. |
| 600.4 | <i>Andesite</i> Diorite | med-grn | | | Flow brx. | | | |
| 610.5 | Diorite | med-grn | f.g. | Porph (fsp) | Massive | | | |
| 672 | Andesite | med-grn | f.g. | | Pillowed | Siliceous patches. | | |
| 683.5 | Andesite | med-grn | f.g. | | Flow brx. | | | |
| 691 | Andesite | med-grn | f.g. | | Pillowed | | Rare ch spots. | |
| 696 | Diorite | med-grn | m.f.g. | Wk porph (fsp) | | | | |
| 728.5 | Andesite | med-grn | f.g. | | Poor pillows? | Hb spots, some epidote. | | |
| 737.5 | Diorite | med-grn | m.f.g. | Porph fsp. | | | | |
| 742 | Andesite | med-grn | f.g. | | Flow brx. | | | |
| 749.5 | Andesite | med-grn | f.g. | | Massive | | | |
| 752 | Andesite | med-grn | f.g. | | Flow brx. | Mod chlorite | | |
| | " | med-grn | f.g. | | Massive | | | |
| 769 | Diorite | med-grn | f.g. | Porph (fsp) | Massive | | 767' - 6" diss po. | Sh'r'g 767-768. |
| 781 | Andesite | med-grn | f.g. | | Ves flow brx. | | | |
| 784 | Diorite | med-grn | m.f.g. | Wk porph | Massive | | | |
| 787.5 | Andesite | grn-med | f.g. | | Ves brx. | | | |
| 794 | Diorite | med-grn | m.f.g. | Wk porph. | | | | |
| 840 | Andesite | med-grn | f.g. | | Ves flow brx | 836-840 very siliceous | | 827 - 1/2" v'n w po. 827.5 - 1/2" inter pillow chert. |
| 844.5 | Diorite | med-grn | f.m.g. | | | | | |
| 882 | Andesite | med-grn | f.g. | | Ves flow brx | | | 879' 1/4" qtz. vn at 20° to CA. |
| 895 | Andesite | med-grn | f.g. | | Ves massive? | | | |
| 904 | Andesite | med-grn | f.g. | | Ves flow brx. | | | |
| 907 | Diorite | med-grn | f.g. | | | | | 30° to CA. |
| 921 | Andesite | med-grn | f.g. | | Ves flow brx. | | sc py po. | |
| 935.5 | Diorite | med-grn | f.m.g. | Var. porph | Massive | Bleached | | Narrow qtz strgrs at 40° to CA. |
| 940 | Andesite | med-grn | f.g. | | Massive | Bleached | | |
| 947 | Diorite | med-grn | f.m.g. | | | | | |
| 1016.5 | Andesite | med-grn | f.g. | | Ves flow brx. | Mod epidote | Occ sc po. | |
| -- | | | | | | Wk chlorite | 1004 - ch po strgr. | |
| 1021.4 | Diorite? | med-grn | f.m.g. | Var. porph | ctcts at 80° to CA | | | 1019 qtz filled sh (5") at 70° to CA. |

| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
|--------|------------|-------------------|------------|---------|--|--|----------------------------------|--|
| 1040 | Andesite | var-dk-grn | f.g. | | Ves flow brx? | Mod. chlor. | Occ sc po. | |
| 1050 | Andesite? | m-pale-grn | f.g. | | Massive? | Carbonated | | Narrow qtz. str'g'rs |
| 1073 | Andesite | med-grn | f.g. | | Pill ves. | Chlorite | | |
| 1123 | Andesite | dk-grn | f.g. | | Flow brx. some Hb. | Good chlorite | sc po. | |
| 1127.5 | Diorite? | med-grn | f.g. | | Massive | | | |
| 1146.5 | Andesite | m-dk-grn | f.g. | | Ves flow brx. | Mod epidote | sc po. | |
| 1148.5 | Diorite | med-grn | m.f.g. | | in part at least. | & chlorite. Mod. chlor. | | |
| 1183 | Andesite | med-grn | f.g. | | Flow brx. | | | |
| 1245 | Andesite | med-grn | m.f.g. | | Ves. massive | Wk. chlorite & wk epidote. | Rare py, po. | |
| 1339 | Andesite | dk-grn | f.g. | | Ves. pillowed | Wk epid & mod. chlor. | | |
| 1346 | Andesite | dk-grn | f.g. | | Ves flow brx. | Strg. mod. chlor. | | |
| 1351.2 | Diorite ? | dkOgrn | f.g. | | Massive | | Wk py in Co ₃ strgrs. | |
| 1370.5 | "Rhyolite" | med-grn | f.g. | | Pill ves. | mod. chlor. | | 1351 & 1356 sh'rs at 30° to CA (very siliceous |
| 1371.5 | "Rhyolite" | med-grn | f.g. | | Flow brx. | Mod. chlor. | | (Flow above tuSS E.Norbec. |
| 1375 | "Tuff" | m-grn-brn | f.g. | | Thin bedded | Wk mod. chlor. | | |
| 1377.5 | Andesite | med-grn | f.g. | | Vesicular | Fumarolic hematite? & mod. chlor. | | |
| 1381.5 | "Tuff" | pale-grn-brn | f.g. | | Thin bedded | | | |
| 1403.5 | Andesite | med-grn | f.g. | | Pillowed | Wk chlorite | | |
| 1409 | Diorite | med-grn | m.f.g. | | Massive | Wk chlorite | | |
| 1551 | Andesite | med-grn | f.g. | | Pillowed | Strg. to mod. chlor. | Occ. min po & ch. | May include some flow breccia. |
| 1560 | Breccia | blotchy-grn | f.g. | | Breccia | Silicified | | |
| ;580.5 | Breccie | sk-grn-brn | f.g. | | Breccia | Mod. chlor, wk bio. | sc py | Cataclastic breccia? Auto brx.? very siliceous. |
| 1586 | Diorite | med-grn | m.f.g. | | Massive | | | |
| 1613 | Andesite | med-grn | f.g. | | 1602 to 1606 schistose shearing at | Wk chlorite 70° to CA | 5" fair diss po & ch at 1600' | Siliceous |
| 1704 | Diorite | med-grn | m.g. | | Mass, occ qtz. strgrs. | sh'r'd, CO ₃ & chlor'd. Some sc po 1675 to 1687 CO ₃ to 1695. | & ch to 1687. | |

END OF HOLE

| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
|-------|-----------|-------------------|------------|------------|--------------------|--|---------------------|----------------|
| 663.5 | Andesite | med-grn | f.g. | | Pillowed? | Occ. epidote and qtz. calcite stringers. | | |
| 667 | Diorite | med-grn | f.g. | | Massive | | | Ctct irregular |
| 671 | Andesite | var-grn | f.g. | | Vesicular | Silicified | | |
| 677 | Diorite | med-grn | f.g. | | Massive | | | |
| 714 | Andesite | var-grn | f.g. | | Ves., pillowed? | Bleached or sil'd in part near top. | Scat pc at 70g'. | |
| | | | | <u>END</u> | <u>OF</u> | <u>HOLE</u> | | |

LAKE DFAULT MINES LTD.

Drill Hole Record

| | | | | | | | | | | | |
|--------------------------|---------------------------------|-----------|------------------|---------------------------------|--------------------------------|------------|------|----|----|-----|-----|
| Hole No. U-172 | Lat. 4027 | Dep. 9410 | Elev. 7511.7 | Dip -55° | Bearing N 20° W | Depth 745' | | | | | |
| Working Place 404 Dr. | Date Started Mar. 10, 1958 | Dip Tests | SAMPLED SECTIONS | | | | | | | | |
| | Date Completed Mar. 24, 1958 | | Depth Read | Corrected | From | To | C.L. | Cu | Zn | Au. | Ag. |
| | | | Depth | Read | Corr. | | | | | | |
| | | | 200' | 620 | 550 | | | | | | |
| | | | 430' | 600 | 530 | | | | | | |
| | | | 660' | 600 | 530 | | | | | | |
| | | | 745' | 581 ¹ / ₂ | 51 ¹ / ₂ | | | | | | |

| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
|--------|-----------------------------|-------------------|------------|------------|-------------|--|---|---|
| 3 6 | Sil's Andste | Blu-gry | m.f.g. | U | | | | Casing |
| 12.5 | Felds. Por. | Grn-gry | m.g. | P | | | | |
| 79 | Sil's Andste | Blu-gry | m.f.g. | U | | Insip dalm. | | |
| 101.5 | Dacite Dyke (Trashy Rhy) | Blu-gry | m.f.g. | U | | | | Dark alt'n flecks and patches look like inclusions. |
| 173 | Sil's Andste | Blu-gry | m.f.g. | U to f (P) | | Insip dalm. | | |
| 189 | Dacite Dyke | Blu-gry | m.f.g. | U | | | | |
| 223 | Andste | Grn-gry | m.g. | U | | | | |
| 228 | Fds. Por. Dy.? | Blu-gry | m.g. | f (P) | | | | |
| 272 | Andste | Blu-gry | m.g. | f (P) | | | | Almost unbedded Tuffaceous texture. |
| 364 | Rhyolitic Sil type | Blu-gry | f.g. | U to f (P) | | | | |
| 375 | Rhy. F. P. Dy. | Blu-gry | f.g. | P (fds) | | | | Occas. qtz. eyes. |
| 384 | Rhy. Dy. | Blu-gry | f.g. | U | | Biotite near base Minor grid alt'n. | | |
| 388.5 | Banded Tuff | Lt. blu-gry | f.g. | Cherty | Well bedded | Mod. biotite. | Inter bedded pyr. pyrr. cp., sph. | |

| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
|--------------|--------------------------------|--------------------------------|--------------------|------------|-------------------------------|---|-------------------------------|---------|
| 388.5 422 | Siliceous Flow? Bx. | Blu-gry | f.g. | | Bx. | Mod. hvy. biot. Grid. alt'n. | Mod-hvy. py. pyrr. to 400. | |
| 565 | Andste Pil? Lava | Dk-grn- gry | m.f.g. | U | Pillows. Inter pil. bx. | Mod. biotite Mild grid alt'n. | Scat. py. | |
| 575.5 | Rhyolite Scor. Flow Top. | Blu-gry | f.g. | | Br. in pt. | | | |
| 650 | Rhyolite | Lt-blu-gry | f.g. | U to f (P) | | Mod. biotite Mild grid alt'n. | | |
| 735 | Rhyolite Sill rock? | Blu-gry to bleached buff | f.g. to amorph. | U to f (P) | | Sil's bleaching Secs. of dalm. Mod. grid alt'n Sil's bleach'g. | Tr. cp. in fine fractures | |
| 745 | Rhyolite | Blu-gry | f.g. | | Mod. fract'd | Mod. biotite. Mild grid alt'n Feldspathized. | | |
| | | | | END | OF | HOLE | | |

LAKE DUFAULT MINES LTD.

Drill Hole Record

| | | | | | | | | |
|--------------------------------|-------------------------------|------------------------------------|---------------------------------|--------------------------|-------------------|-------------------------|--------------------------------|-------------------------------------|
| Hole No. T 31 | Lat. 1,890.0 | Dep. 6,307.0 | Elev. 1,206.4 | Dip -90° | Bearing - | Depth 311' | | |
| Working Place Turcotte Lake | Date Started Aug. 26, 1958 | Dip Tests Depth 150' 311' | Date Completed Aug. 29, 1958 | Depth Read 90° 90° | SAMPLED SECTIONS | | | |
| | | | | Corrected | Corr. | | | |
| | | | | Depth | Read | Corr. | | |
| | | | | 150' | 90° | 90° | | |
| | | | | 311' | 90° | 90° | | |
| | | | | From | To | C.L. | | |
| | | | | Cu | Zn | Au. | | |
| | | | | Ag. | | | | |
| | | | | | | | | |
| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
| 3 | | | | | | | | Casing |
| 43 | Sil's andste | Grn-gry | m.f.g. | massive | | | | Very acid |
| 70 | Scor. rhy. | Blu-gry | m.f.g. | | m-large frag. bx. | mod. chl'zd. | scat. py. minor sph. | May be bx. of above |
| 112.5 | " " | " " | m.f.g. | | rhy. matrix | purple sil. med. chl'zd | scat. py. sph. minor pyrr. ep. | May be intrusive bx. |
| 138.5 | Rhyolite | " " | m.f.g. | massive | | mod. chl'zd purple sil. | scat. pyrr. ep/ | 79 - 3" water course with cp. & py. |
| 186.5 | Diorite | Grn-gry | m.c.g. | dioritic | | | | etc. with above \pm 45° |
| 232 | Rhyolite | Blu-gry | f.g. | uniform | | | | |
| 311 | Rhyolite | Blu-gry | f.g. | anyg'l. | | | | |

Hole No. T 31

Logged by D.H.B.

LAKE DFAULT MINES LTD.

Drill Hole Record

| | | | | | | | | | | |
|--------------------------------|---------------------------------|--------------|-------------------------|------------------|------------|------------|----|----|-----|-----|
| Hole No. T 32 | Lat. 1,855.0 | Dep. 6,500.0 | Elev. 1,209.4 | Dip -90° | Bearing -- | Depth 251' | | | | |
| Working Place Turcotte Lake | Date Started Sept. 2, 1958 | Dip Tests | Depth Read Corrected | SAMPLED SECTIONS | | | | | | |
| | Date Completed Sept. 4, 1958 | | Depth Read Corrected | From | To | C.L. | Cu | Zn | Au. | Ag. |
| | | | Depth Read Corrected | | | | | | | |
| | | | 50' 251' | 90° 90° | | | | | | |

| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
|-------|-----------------------------|--------------------|----------------|---------|--------------|----------------------------------|--|--------------------------|
| 12 | | | | | | | | Casing |
| 55.5 | Andste | | | | | | | |
| 97 | Sil's. Scor. Rhy. Bx. | Grn-gry Blu-gry | m.g. m.f.g. | U | bx. | Mod. chl'zd " epidote | Scat. py., sph. Pyrr. ep on fractures. | |
| 101.5 | Greenstone dyke | Blu-gry | m.f.g. | U | | Mod. chl'zd | Scat. sph. | |
| 245.5 | Amyg'l Rhyolite | Grn-gry | f.g. | | amyg'l | vesicles filled with epidote. | | |
| 251 | Rhyolite | Gray | m.f.g. | U | Slightly bx' | d Strongly chl'zd bleached | 249.5- 1 1/2" stringer | cp. Occas. qtz. eyes. |

LAKE DFAULT MINES LTD.

Drill Hole Record

| Hole No. T-34 | Lat. 1827 N | Dep. 6700 N | Elev. 1205.47 | Dip -90° | Bearing | Depth 409 | | |
|--------------------------------|----------------------------------|--|--|------------------|---------------------------------|--|----------------|---|
| Working Place Turcotte Lake | Date Started Sept. 11, 1958 | Dip Tests Depth 50 200 409 | Depth Read Corrected Read 90° 90° 90° | SAMPLED SECTIONS | | | | |
| | Date Completed Sept. 14, 1958 | | | From | To | C.L. | Cu | Zn |
| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
| 5 | | | | | | | | Casing |
| 42 | Sil's And. | Blu-gry | m.g. | U | | Minor chl. | | Numerous fractures bearing rust. 36.5-37-Intr. etc. |
| 42.5 | Wkly bedded chert. | Gry | amorph. | | Wkly bedded | | py., pyrr. | |
| 44 | Pyroclastic Bx. | Grn-gry | f.g. | | Frgs. to 1/2" in cherty matrix. | Bleached | Wk. py. pyrr. | |
| 44.5 | Bedded chert. | Gray | amorph. | | Bedded 20°-30° dip. | | | |
| 47.5 | Pyroclastic Bx. | Grn-gry | f.g. | | Frgs. to 1/2" in cherty matrix. | | Wk. py., pyrr. | |
| 49.8 | Bx. large ly replaced by qtz. | Gry & white | f.g. | | Remants of pyro-bx in qtz. | Scat. py. pyrr. minor cp. | | |
| 50 | Massive pyrr. cp. | | | | Replacing 2" bedded chert. | | | |
| 81.5 | And. P.L. | Grn-gry | m.f.g. | | Pil. bdrs. | Minor chl. | | |
| 82 | Bed. tuff | Gray | amor. | | Bedded. | | | |
| 174.5 | Scor. Rhy. Bx. | Blu-gry | m.f.g. | | bx. in pl. | Mod. chl. Secondary sil. | Scat. py. sph. | |
| 409 | Amyg. Rhy. | Blu-gry | f.g. | | | Mod. chl. sec-tions of grid. Hvy. chl. from 315' | Scat. py. sph. | 205 - 6" cp. stringer 207 - 2" " " 227) 329) Cp. in fract. & 338) stringers 356 & 362.5) |

Hole No. T-34

Logged by D. H. Brown

LAKE DUFAULT MINES LTD.

Drill Hole Record

| | | | | | | | | | | | |
|---------------------------------------|---|--------------------|----------------------|------------------|---------|------------------|------|----|----|-----|-----|
| Hole No. T-35 | Lat. 1797 N | Dep. 6895 E | Elev. 1181.29 | Dip -90° | Bearing | Depth 323 | | | | | |
| Working Place Turcotte Lake | Date Started Sept. 15, 1958 | Dip Tests | Depth Read Corrected | SAMPLED SECTIONS | | | | | | | |
| | Date Completed Sept. 18, 1958 | <u>Depth</u> | <u>Read</u> | <u>Corr.</u> | From | To | C.I. | Cu | Zn | Au. | Ag. |
| | | 50 | 90° | | | | | | | | |
| | | 200 | 90° | | | | | | | | |
| | | 323 | 90° | | | | | | | | |

| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
|-------|------------|-------------------|------------|-----------|------------------------|------------------------------------|-------------------|---|
| 8 | | | | | | | | Casing |
| 39.5 | Andste | Brn-gry | m.g. | | amyg'l pil. lava | Mod. hvy. biotite | | |
| 51 | Andste | Grn-gry | m.g. | U | | Bleached | | Dyke? |
| 87 | Andste | Grn-gry | m.g. | | amyg'l pil. lava | Sil's. altn. (bleached) | | |
| 118.5 | Andste | Grn-gry | m.g. | P (mafic) | pil. lava bx in pt. | Med. chl'ic. | | 118 - Slip plane at 79° dip. Min. by py. |
| 137.5 | Scor. Rhy. | Blu-gry | f.g. | Mottled | | sil's alt'n. mod. hvy. biotite. | Scat. py. sph. | |
| 142.5 | Scor. Rhy. | " " | f.g. | Mottled | bx. in pl. | " " " | " " " | |
| 148.5 | Rhy. Dyke | " " | f.g. | U | | Mod. biotite | | |
| 220 | Scor. Rhy. | " " | f.g. | Mottled | | Sil's alt'n. mod. hvy. biotite. | | |
| 241 | Rhyolite | Grn-gry | f.g. | | amyg'l. | Bleached in pt. | | |
| 258 | Scor. Rhy. | Blu-gry | f.g. | Mottled | | Sil's alt'n. mod. hvy. biotite. | | |
| 265.5 | Bedd. tuff | " " | amorph. | | banded | hvy biotite | | Could be shearing. |
| 288 | Rhyolite | Blu-gry | f.g. | | amyg'l.? | biotite, sil'n. | Scat. py. pyrr. | 278.5-large gobs of py., pyrr. |
| 312 | Basic dyke | Grn-gry | m.g. | | | | | |
| 323 | Rhyolite | Blu-gry | f.g. | | amyg'l | biotite, sil'n. | Scat. py., pyrr. | |

Hole No. T-35Logged by D. H. Brown

LAKE DFAULT MINES LTD.

Drill Hole Record

| Hole No. | T36 | Lat. | 1654 N | Dep. | 6670 E | Elev. | 1193.33 | Dip | -90° | Bearing | Depth | 530 | | | |
|--------------------------------|----------------|---------------|--------|-----------|------------|-------|-----------|-----------|------------------|---------|-------|-----|----|-----|-----|
| Working Place Tureotte Lake | Date Started | Nov. 19, 1958 | | Dip Tests | Depth Read | 90° | | Corrected | SAMPLED SECTIONS | | | | | | |
| | Date Completed | Nov. 24, 1958 | | | Depth Read | 90° | | | | | | | | | |
| | | | | | Depth | Read | Corrected | | From | To | C.L. | Cu | Zn | Au. | Ag. |
| | | | | | 50 | 90° | | | | | | | | | |
| | | | 270 | 90° | | | | | | | | | | | |
| | | | 530 | 89° | 88½° | | | | | | | | | | |

| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
|-------|----------------------------|-------------------|------------|-------------------------------|-------------------------|--|--|---|
| 3.5 | | | | | | | | Casing |
| 22.5 | Andesite P.L. | Grn-gry | m.f.g. | | Bx. in part | Minor chl, biotite | Mod. hvy. py. Traces sph., cp. | |
| 37 | Rhyolite Dyke | Blu-gry | f.g. | U. to slightly porphyritic | | | | |
| 47 | Rhyolite (scoriaceous) | Blu-gry | f.g. | | Some amyg. | Hvy. biotite at top. Purple sil. alt'n. Sections of epidote. | Scat. py. | |
| 77 | Rhyolite | Grn-gry | f.g. | U. to slightly por. phyr. ic. | | | Scat. py. | Dyke? |
| 83 | Rhyolite | Blu-gry | f.g. | Finely porph. | | | | Dyke? |
| 84.5 | Banded rhy. | Blu-gry | f.g. | | Banding may be bedding? | | | 84.5 - 2" mud seam - Fault |
| 98 | Rhy. Bx. | Blu-gry | f.g. | | | | Scat. py., pyrr. sph. | |
| 158.5 | Amyg. rhy. | Blu-gry | f.g. | | Amyg'l. | | Scat. py. pyrr. sph. & traces cp. | |
| 178.5 | Rhyolite? | Dk-grn-gry | m.f.g. | U | | Mod. chl'ic | Good scat. sph. | 158.5-160.5 Amyg.-flow top. |
| 206.5 | Rhy. Banded (Tuff?) (weak) | Dk--blu-gry | m.g. | | Faintly banded | Mod. hvy-chl. y Chl. over spotting. | 188) 189.5) Cp. stringers 202) | |
| 261.5 | Amyg. Rhy. | Blu-gry | f.g. | | Amyg'l. | | Scat. pyrr., sph. | 261.5-262 - Calcite filled fault - W.C. |
| 281 | Rhy. Poss. Tuff unbedded | Lt-blu-gry | m.g. | | | Mod. chl'ic | Traces cp. | |

Hole No. T-36Logged by D.N. Brown

| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
|------------|--------------------------------------|--------------------|----------------|-------------------------|--|--|--------------------------------------|---|
| 314 | Amyg'l Rhy. | Blu-gry | f.g. | | Amyg'l | Mildly chl'ic | Occ. scat. py. pyrr. | |
| 332 | Amyg'l Rhy. | " " | f.g. | | Strongly amyg'l | Mildly chl'ic Strongly epidote alt'd. (amys. esp.) | Scat. py. pyrr. | 333.5-335 - core ground. |
| 375 | Amyg. Rhy. | " " | f.g. | | amyg'l. | Mod. epidote Strong hematitic silification (purple alt'n) | Scat. py., pyrr. tr. cp. | |
| 425.5 | Strongly alt. Rhyolite | Grn-gry mottled | m.g. sugary | U to slightly por'ic | Few scat. qtz. eyes & qtz. aggregates. | Strong epidote mod. chl. | Occ. blebs. pyrr. cp. | See T-35 (basic dyke) 397.5 - 1" qtz. cp. stringer. |
| 480 534 | Amyg'l Rhy Strongly alt'd rhy. | Blu-gry Grn-gry | f.g. m.f.g. | Por. (?) | Amyg'l Qtz. aggreg. | Mod. epidote. Mod. chl. | Scat. py., pyrr., minor sph., cp. | |
| | | | | <u>END OF HOLE</u> | | | | |

LAKE DFAULT MINES LTD.

Drill Hole Record

| Hole No. | Lat. | Dep. | Elev. | Dip | Bearing | Depth | SAMPLED SECTIONS | | | | | | | | |
|---------------|-----------------------------|-------------------|------------|-----------------|--|---------------------------------|--|--------------------------------------|------|----|----|-----|-----|--|--|
| T-37 | 1455 N | 6636 E | 1184.36 | -90° | | 552 (to the end of hole) 552 | | | | | | | | | |
| Working Place | Date Started | Dip Tests | Depth Read | Depth Corrected | | | From | To | C.L. | Cu | Zn | Au. | Ag. | | |
| Turcotte Lake | Nov. 25, 1958 | | | | | | | | | | | | | | |
| | Date Completed | | Depth | Read | Corr. | | | | | | | | | | |
| | Nov. 29, 1958 | | 50 | 90° | | | | | | | | | | | |
| | | | 250 | 89 | 88½ | | | | | | | | | | |
| | | | 552 | 88½ | 87 3/4 | | | | | | | | | | |
| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides. | Remarks | | | | | | | |
| 2 | | | | | | | | Casing | | | | | | | |
| 13 | Andesitic Lava | Gray | m.f.g. | U. | | Mod. chl'zd | | | | | | | | | |
| 21.5 | Rhyolite | Blu-gry | f.g. | | Bx. in part. | " " | | | | | | | | | |
| 21.5 | Slip. face | | | | ½" qtz. cp. stringer at 70° dip. | | Good cp. | | | | | | | | |
| 25.5 | Strongly banded rhy. | Gray | f.g. | | Well banded | " " | Mod. cp., py., pyrr. 23.5-25.5 | | | | | | | | |
| 38.5 | Strongly chl'zd rhy. | Blu-gry | m.f.g. | U. | | Strongly chl'ic | | Alt'n may obscure structure. | | | | | | | |
| 124.5 | Rhyolite | Blu-gry | m.f.g. | | Bx. in part. Short sections strong banding | | Scat. py., cp., sph. (Incr. py. sph. from 80') | Banding may be flow banding | | | | | | | |
| 161 | Sil's greenstone (speckled) | Green | m.g. | U. | | | 129-1½" qtz. cp. stringer. | | | | | | | | |
| 183 | Rhyolite | Blu-gry | m.f.g. | U. | Bx. in part | Strongly chl. | Mod. sph. py. Tr. cp. | 3" cp. stringer at 182 | | | | | | | |
| 227 | Rhyolite | Blu-gry | f.g. | U. | | Siliceous (bleached) | Scat. sph. Minor cp. | 183, 183.5 -W. C's | | | | | | | |
| 277.5 | Rhyolite? | Dk-blu-gry | m.f.g. | U. | | bleached. Mod. chl'zd. | Mod. chl'ic. | Fine vertical cp. stringers. 267- | | | | | | | |
| 277.5 | Fault contact | Grn. | | | | | | 277.5-Mod. scat. sph. 2" banded sph. | | | | | | | |

| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
|-------|-------------------|-----------------------|------------|----------------------|-----------|--------------------------------|----------------------------|---|
| 300 | Rhyolite | Dk-blu-gry | m.f.g. | U. | | Weakly chloritic. | | |
| 324 | Rhyolite | Dk-blu-gry | m.g. | U. | | Mod. chl'ic. | Scat. cp. | |
| 328 | Rhyolite | Gray | m.f.g. | | Veined | Weak epidote Silicification | Hvy. cp. Est. 6-8% Cu. | |
| 345.5 | Rhy. Bx'd | Dk-blu-gry to blk. | m.f.g. | | bx'd | Strong chlorite | Scat. cp. | Many frags. Little matrix. |
| 350 | Rhyolite Bx. | Dk-blu-gry | m.f.g. | | bx. | Mod. chl'ic | T. cp. | Few frags. Much matrix. |
| 408 | Rhyolite Dyke | Dk-blu-gry | f.g. | Finely por. (fds) | | Mildly chl'ic Mild epidote | Scat. py. sph. | |
| 424 | Rhyolite Flow | Dk-blu-gry | m.f.g. | U. | | Mod. chl'ic | Sparsely scat. sph. cp. | |
| | Rhyolite Dyke | Dk-blu-gry | f.g. | U. | | | | |
| 457 | Rhyolite Dyke | Dk-blu-gry | f.g. | U. | | | | |
| 475 | Porphyry Dyke | Grn-gry | m.c.g. | Dioritic | | | | 475 - Cp. on etc. Corel. with "Basic dyke" |
| 491 | Rhyolite Flow | Dk-blu-gry | f.g. | U. | | Mod. str. chl'ic | Scat. sph., cp. | |
| 506 | Rhyolite Dyke | Blu-gry | f.g. | U. | | | | |
| 552 | Amyg. Rhyolite | Blu-gry | f.g. | | Amyg'l. | Mild chl., | Negligible | |

LAKE DFAULT MINES LTD.

Drill Hole Record

| Hole No. | T-38 | Lat. | 1240 N | Dep. | 6712 E | Elev. | 1171.84 | Dip | -90° | Bearing | Depth | 483 |
|--------------------------------|--------------------|-------------------|------------|-----------|-----------------------------|--|-----------------------------------|---|------|---------|-------|-----|
| Working Place Turcotte Lake | Date Started | Dec. 1, 1958 | | Dip Tests | Depth Read Corrected | SAMPLED SECTIONS | | | | | | |
| | Date Completed | Dec. 6, 1958 | | | | From | To | C.L. | Cu | Zn | Au. | Ag. |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | Depth | | Read. | | Corr. | | | | | | |
| | | 34 | | 88° | | 87° | | | | | | |
| | | 100 | | 89° | | 88½° | | | | | | |
| | | 235 | | 89° | | 88½° | | | | | | |
| | | 478 | | 89° | | 88½° | | | | | | |
| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks | | | | |
| 23 | | | | | | | | Casing | | | | |
| 43 | Acid Lava | Blu-gry | m.f.g. | U. | | | | | | | | |
| 44.5 | Banded Acid Lava | " " | f.g. | | Banded (weak) | | | | | | | |
| 49.5 | Acid Lava | " " | f.g. | U. | | | | | | | | |
| 50.5 | Banded Acid Lava | " " | f.g. | | Banded (good) | | | | | | | |
| 103 | Rhyolite | " " | f.g. | U. | | Mod. chl. Purple alt'n. (fumerolic hematite) 63' - spotted chl. | Mod.-hvy. scat. py. Minor sph. | | | | | |
| 103.3 | Fault etc. Breccia | Gray | | | 3" fault bx. | | | | | | | |
| 123 | Rhyolite | Blu-gry | f.g. | U. | | Mod. chl. | Mod. scat. py. minor sph. | 113-114.5 - Rhyolite dyke strongly alt'd. | | | | |
| 144.5 | Rhyolite | " " | f.g. | | Ex - slip faulted sections. | Strong chl. weak grid | Wk. scat. py. | | | | | |
| 162.5 | Rhyolite | " " | f.g. | U. | | Wk. chl. | | | | | | |
| 174 | Rhyolite Dyke | Grn.-gry. | f.g. | U. | | | | | | | | |
| 223 | Amyg. Rhy. | Blu-gry | f.g. | | Amyg'l. | Mild chl. | | 213 - Strong slip Dyke | | | | |
| 241 | Rhyolite Dyke | Blu-gry | f.g. | U. | | | Wk. scat. py. | | | | | |

Hole No. T-38Logged by D. H. Brown

| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
|--------|----------------|-------------------|------------|-------------------|------------------|----------------------------------|--|---|
| 241.5 | Fault zone | Rusty-gry | | | Sheared wuggy | Oxidation | | 53° dip |
| 244.5 | Andste? | Grn-gry | m.g. | | Amyg. | | | |
| 244.75 | Banded Tuff? | Gray | f.g. | Cherty | Well banded | | | |
| 250 | Andste F.P. | Dk-blu-gry | m.f.g. | Por. (fds.) (qtz) | | Mod. chl'ic | Scat. cp., sph. | Poss. Q.F.P. |
| 250.5 | Fault zone? | Gray | | | Qtz. filled | | | |
| 251 | Amyg. Flow Top | Grn-gry | m.f.g. | | | | | |
| 254 | Amyg. Rhy. | " " | f.g. | | Amygs. | Mod. chl'ic Chl. overspotting | | |
| 282 | Amyg. Rhy. | Blu-gry | f.g. | | Amygs. | Mod. chl'ic | Mod. scat. sph. | |
| 336 | Amyg. Rhy. | Blu-gry | f.g. | | Stretched amygs. | Mod. chl. | Mod. scat. sph. grading to weak scat. cp. | |
| 368 | Rhyolite | Blu-gry | f.g. | | | Mod.-hvy. chl. | Scat. cp. | 341.5 - 342 - 4" cp. stringer at 70° |
| 432 | Rhyolite | Blu-gry | f.g. | | | Mod.-hvy. chl. | 376- $\frac{1}{4}$ " cp. @ 70° + 379-381-2' cp stringer 382 - $\frac{1}{4}$ " cp.-qtz. | |
| 452.5 | Basic Dyke | Grn-gry | m.c.g. | Dioritic | | | 418.5-Hvy. chl. | 418.5-1" banded sph. 427.5-428 - Cp.-qtz. stringer - steep |
| 483 | Ang. Rhy. | Blu-gry | f.g. | | Amygs. | Wkly. chl'ic | Negligible | |

LAKE DFAULT MINES LTD.

Drill Hole Record

| | | | | | | | | | | | | |
|--------------------------------|--------------------------------|------------------|--------------------|------------------|------------------|-----------|------|----|----|-----|-----|--|
| Hole No. T-39 | Lat. 1050 N | Dep. 6770 E | Elev. (1170 appx.) | Dip -90 | Bearing - | Depth 403 | | | | | | |
| Working Place Turcotte Lake | Date Started Dec. 6, 1958 | Dip Tests | SAMPLED SECTIONS | | | | | | | | | |
| | Date Completed Dec. 9, 1958 | | Depth Read | Corrected | From | To | C.L. | Cu | Zn | Au. | Ag. | |
| | | | Depth | Read. | Corr. | | | | | | | |
| | | | 50 | 89 $\frac{1}{2}$ | 89 $\frac{0}{0}$ | | | | | | | |
| | 175 | 89 $\frac{1}{2}$ | 88 7/8 | | | | | | | | | |
| | 374 | 89 $\frac{1}{2}$ | 88 7/8 | | | | | | | | | |

| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
|-------|--------------------------------|-------------------|------------|------------|--------------------------|----------------------------|--|---|
| 25 | | | | | | | | Casing |
| 38.5 | Acid Lava | Blu-gry | f.g. | U. | Sheared | Siliceous | | |
| 61 | Por. Acid Lava | Blu-gry | f.g. | Por. (fds) | | | | 39.5-44.5 - Shear or fault zone - water coarse |
| 128.5 | Rhyolite | Blu-gry | f.g. | U. | Amyg.? Ex. in part | | Mod. scat. and fissure py., minor sph. | Fissures filled by calcite |
| 130.5 | Shear or Fault zone Breccia | Gray | f.g. | | Breccia and banding | Mod. interstitial chlorite | | |
| 147.5 | Rhyolite Breccia (Scoriaceous) | Blu-gry | f.g. | | Breccia | Mod. chl. | Mod. scat. py. | |
| 216 | Amyg. Rhy. | Blu-gry | f.g. | | Amyg. - mostly stretched | Mild to Mod. chl'ic. | Mod. scat. py. Minor pyrr. sph. | |
| 232 | Wkly. bedded Tuff? | Blu-gry | m.f.g. | Sugary | | Chl'ic spotting | | |
| 403 | Rhyolite | Grn-gry | Aphanitic | | Amyg'l. | Epidote with spotty chl. | Minor scat. py. pyrr. | 280-280.5 shearing 337) 342) Slip faces 343) |

Hole No. T-39

Logged by D. H. Brown

| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
|-------|-------------------|----------------------|------------|---------|---------------------|---|-----------|------------------------------|
| 384.5 | Flow?bx. | Blu-gry | f.g. | | | Mod. chl. | | |
| 455.5 | Amyg. Rhy. | Blu-gry | f.g. | | amyg'l. | Mild chl. | | Scat. py. Tr. pyrr., sph. |
| 457.5 | Amyg. Flow top | Blu-gry | f.g. | | Strongly amyg'l. | Mild chl. Hvy. hematitic coloration | | |
| 479 | Amyg. Rhy. | Blu-gry (Reddish) | f.g. | | amyg'l. | Mild chl. Hvy. hematitic coloration | | Scat. py. |
| | End of hole | | | | | | | |

LAKE DFAULT MINES LTD.

Drill Hole Record

| | | | | | | | | | |
|---------------------------------------|--|--------------------|---------------------------|-----------------|------------------|------------------|----|-----|-----|
| Hole No. T-41 | Lat. 1487 N | Dep. 6344 E | Elev. 1170 (appr.) | Dip -90° | Bearing - | Depth 606 | | | |
| Working Place Turcotte Lake | Date Started Dec. 16, 1958 | Dip Tests | Depth Read Corrected | | | | | | |
| | Date Completed Dec. 23, 1958 | | SAMPLED SECTIONS | | | | | | |
| | | | From | To | C.L. | Cu | Zn | Au. | Ag. |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | <u>Depth</u> | <u>Read</u> | <u>Corr.</u> | | | | |
| | | | 50 | 39 | 11 | | | | |
| | | | 200 | 89 | 111 | | | | |
| | | | 400 | 39 | 361 | | | | |
| | | | 585 | 39 | 546 | | | | |

| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
|-------|-----------------------|-------------------|------------|-------------|--------------------------|--------------|--|----------------------------------|
| 25 | | | | | | | | Casing |
| 27 | Andste | Grn-gry | m.g. | Porphyritic | | | | Possibly boulder |
| 50 | Andste | Blu-gry | m.g. | U. | | Mild epidote | | |
| 75 | Andste | Blu-gry | m.g. | | Brecciated Bx. in pt. | Mod. chl'ic. | Mod-hvy. py. | |
| 98 | Acid Lava | Blu-gry | m.f.g. | U. | | | | May be dyke |
| 118 | Andste | Grn-gry | m.f.g. | | Amyg'l | Siliceous | Py. in amygs. | 114-115.3 - Rhy. dyke |
| 126 | Scor rhy. | Blu-gry | f.g. | | Breccia | | | 124.5-125.5 Qtz. filled fault |
| 134 | Andste | Grn-gry | m.f.g. | | Amyg'l | Sil's. | Py. in amygs. | |
| 191.5 | Scor. rhy. Breccia | Blu-gry | f.g. | | Breccia | Mod. chl. | Minor scat. py. | |
| 248.5 | Bx'd Rhy | Blu-gry | f.g. | U. | Bx. in pt. | Mild chl. | Mod. scat. py. Minor pyrr. Tr. cp. 248.5 - 2" cp. seam | |
| 316 | Rhy. Bx. (Scor.) | Blu-gry | f.g. | | Strong Breccia | Mod. chl'ic | 256-1" cp. str. | |
| 317.5 | Banded Rhy. | Gray | f.g. | | Mod. banded | | 317-317.5 cp. stringer | Banding at 32° dip at 72° |
| 331 | Bx'd Rhy. | Dk-blu-gry | f.g. | | 75° shear zone | Hvy. chl. | Good secs. | Est. 2% Cu overall of cp. |
| 351 | Qtz. (F) | Blu-gry | m.f.g. | Por(q.,f.) | | Mod. chl. | Dissem. py. Minor sph. cp. | |

Hole No. T-41Logged by D. H. Brown

| Depth | Rock Type | Colour & % Felsic | Grain Size | Texture | Structure | Alteration | Sulphides | Remarks |
|-------|-----------------------|-------------------|------------|-------------|---------------------|---------------------------|-----------------------------------|-------------------------------|
| 361.5 | Bx'd. Rhy. | Blu-gry | f.g. | | | Mod. chl. | Scat. cp. | 361.5 - Vuggy py. seam at 70° |
| 376 | Amyg. Rhy. | Blu-gry | f.g. | | Amyg'l. | | Fr. cp. | |
| 397 | Sil's Rhy. (Scor?) | Gray | f.g. | | | Silicif'n. | Scat. cp. | |
| 448 | Rhyolite | Blu-gry | f.g. | U. | Bx. in pt. | Silicif'n. (Bleaching) | Scat. sph. | |
| 528.5 | Rhyolite | Blu-gry | f.g. | U. | Wkly. amyg'l. | Silicif'n. | Scat. py. pyrr. Wk. scat. sph. | |
| 548 | Rhyolite | Blu-gry | f.g. | U. | | Mod. chl. | 532.5-1/2" cp. stringer at 70° | |
| 566 | Amyg. Rhy. | Blu-gry | f.g. | | Amyg'l. | Mod. chl. | | |
| 573.5 | Rhy. dyke | Grn-gry | f.g. | Finely por. | | Weak | | |
| 577 | Amyg. Rhy. | Blu-gry | f.g. | | Amyg'l. | Wk. chl. | | |
| 578 | Rhy. dyke | Grn-gry | f.g. | Finel por. | | | | Banded ctes. @ 10° ± |
| 583 | Amyg. Rhy. | Blu-gry | f.g. | | Amyg'l. | Wk. chl. | | |
| 599 | Rhy.-dy. | Blu-gry | f.g. | Por. (fds) | | | | Banded ctes. @ 80° ± |
| 606 | Amyg. Rhy. | Blu-gry | f.g. | | Strongly amyg'l. | Wk. chl. | | |