

TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

671616

DIAMOND DRILL-HOLE LOG

DATE 25th Nov. 19 70

Length 550 ft.

Location Lady Luck #2 M.C.

Bearing 245°

(Cree Lake

Hole No. Nittetsu #1

Dip - 22°

Mining Ltd.)

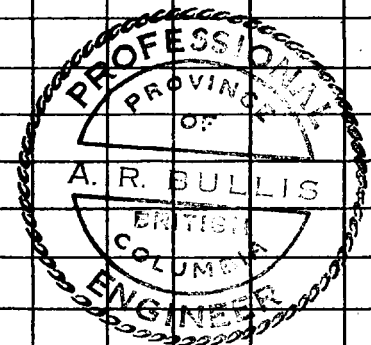
Start _____

Stop _____

Page 1

Logged By A.R.B.

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|-----------|------|---|---------------|--------|-----|----|--------------|-----|
| | | | | Cu. | Fe. | Mo | Length | No. |
| 0-19 | | Overburden | | | | | | |
| 19-23 | | Skarn, -Brown Garnet, epidote. Minor chalcopyrite. About 1 ft. altered volcanic or intrusive. (Sampled). | | 0.17 | - | - | | |
| 23-29 | | Volcanic, altered? may be intrusive diorite, but most likely volcanic flow. Clots of hornblende and/or pyroxene in rock. (core not split). Some epidote but no sulfide noted. | | | | | | |
| 29-30.5 | | Skarn as above. (Sampled) | | | | | | |
| 30.5-39.5 | | Granodiorite, medium grained. Mainly feldspar, some quartz with biotite and epidote (after hornblende). | | | | | | |
| 39.5-43.5 | | Skarn, as before, very little sulfides. Some epidote rich sections. (Sampled) | | | | | | |
| 43.5-49 | | Granodiorite-Darker than previous, more mica. | | | | | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE _____ 19____

Length _____ Location _____

Bearing _____

Hole No. Nittetsu #1.

Dip _____

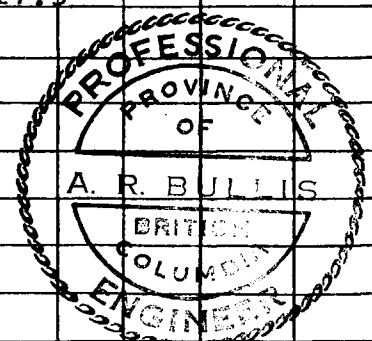
Start _____

Stop _____

Page 2

Logged By _____

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|-----------|------|---|---------------|-------------|-----------|---------|--------------|-----|
| | | | | Cu | Fe | Mo | Length | No. |
| 49-57 | | Skarn, -mainly epidote. Very little sulfide. (Sampled) | | Cu Tr. | Fe - | Mo - | | |
| 57-64 | | Granodiorite mainly; 6" pegmatite dyke between 59-60 feet. | | | | | | |
| 64-70 | | Skarn, as before; brown garnet. Some sulfides, mainly pyrite. (Sampled) | 0.02 | | | | | |
| 70.111.5 | | Granodiorite, breccia? or else dark and light coloured inclusions. | | | | | | |
| 111.5-123 | | Skarn- Garnet plus epidote. Very little sulfide. | | Tr. 0.12 | - 18.2 | - - | 9.5 3.0 | |
| 123-132 | | Skarn - mainly magnetic. Greenish mica plus feldspar. No sulfide. (Sampled) | 0.01 | | 41.4 | | | |
| 132-136 | | Skarn - mainly epidote. (Sampled) | 0.07 | | 17.5 | | | |
| 136-142 | | Felsite | | | | | | |
| 142-173 | | Granodiorite - as before. | | | | | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE _____ 19__

Length _____ Location _____

Bearing _____

Hole No. Nittetsu #1

Dip _____

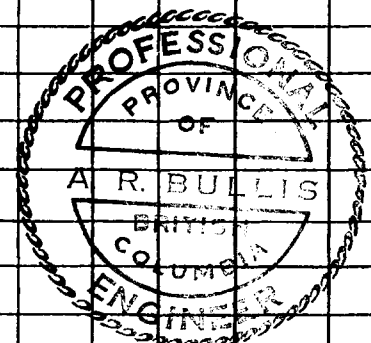
Start _____

Stop _____

Page 3

Logged By _____

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|-------------|------|--|---------------|--------|----|----|--------------|-----|
| | | | | Cu | Fe | Mo | Length | No. |
| 173-177 | | Basalt dyke | | | | | | |
| 177-197 | | Granodiorite - Gray | | | | | | |
| 197-225 | | Granite- White to Pink, only 5-7% mafic. Pyrite on fractures through out. | | | | | | |
| 225.5-226.5 | | Granite | | | | | | |
| 226.5-233 | | Skarn-Disseminated MoS2 plus Chalcopyrite thruout. (Sampled) | | 0.22 | - | - | | |
| 233-234 | | Basalt dyke or sill. | | | | | | |
| 234-235 | | Skarn. Disseminated chalcopyrite and pyrite fractures. Minor MoS2. (Sampled) | | | | | | |
| 235-247.5 | | Intrusive-Gray; may be fine-grained light-coloured basalt. | | | | | | |
| 247-5-249 | | Skarn. No sulfides. (Sampled). | | | | | | |
| 249-253 | | F.G. Intrusive, as above. | | | | | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE _____ 19____

Length _____ Location _____

Bearing _____

Hole No. Nittetsu #1

Dip _____

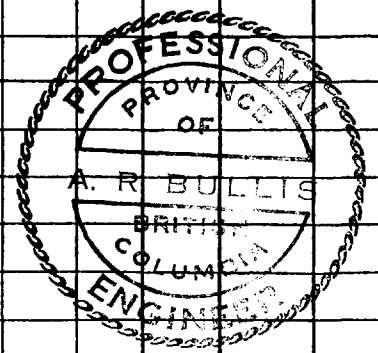
Start _____

Stop _____

Page 4

Logged By _____

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|-----------|------|--|---------------|--------|----|-----|--------------|-----|
| | | | | Cu | Fe | MO | Length | No. |
| 253-265.5 | | Skarn, -much magnetite. Minor | 0.10 | 51.6 | - | 7.5 | | |
| | | dissemination MoS2. (Sampled) | 0.02 | 40.8 | - | 5.0 | | |
| 265.5-269 | | F.G. Intrusives, as above. | | | | | | |
| 269.282 | | Skarn- Very little sulfide. (Sampled) | Tr. | - | - | 3.5 | | |
| | | | .01 | - | - | 9.0 | | |
| 282-289 | | F.G. Intrusive, as above. | | | | | | |
| 289-317 | | Skarn, - Small amount of pyrite on | .01 | - | - | 6.5 | | |
| | | fractures. Section from 310' to | Tr. | - | - | 8.0 | | |
| | | bottom contains magnetite some | Tr. | - | - | 7.5 | | |
| | | chalcopyrite crystals. (Sampled) | .07 | - | - | 6.0 | | |
| 317-340 | | F.G. Intr. Many hornblende "laths" (May be "tuff"). | | | | | | |
| 340-348 | | Marble, narrow dark bands at core angle 20 degrees. | | | | | | |
| 348-354 | | Skarn - Disseminated chalcopyrite, best developed near upper contact. (Sampled). | 0.51 | .003 | | | | |
| 354-360 | | Granodiorite. | | | | | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE _____ 19____

Length _____ Location _____

Bearing _____

Hole No. Nittetsu #1

Dip _____

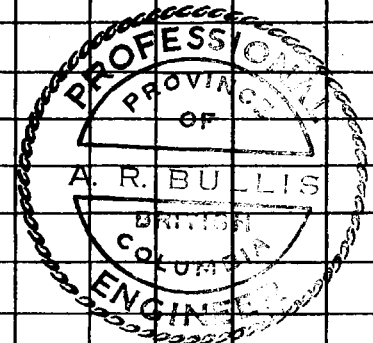
Start _____

Stop _____

Page 5

Logged By _____

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|-------------|------|---|---------------|--------|--|--|--------------|-----|
| | | | | | | | Length | No. |
| 360-363.5 | | Skarn - (Sampled) | | | | | | |
| 363.5-369.5 | | F.G. Intr., as above. | | | | | | |
| 369.5-374 | | Granodiorite | | | | | | |
| 374-382 | | F.G. Intr., as above | | | | | | |
| 382-384 | | Skarn - not split. | | | | | | |
| 384-418 | | Marble, grey to white, some skarn in narrow zones. | | | | | | |
| 418-421 | | Skarn. (Sampled) | | | | | | |
| 421-425 | | F.G. Intr. | | | | | | |
| 425-426 | | Sugary marble and skarn. | | | | | | |
| 426-442 | | F.G. Intr. | | | | | | |
| 442-479 | | Granodiorite - dark gray. 6" dyke at 474'. | | | | | | |
| 479-482 | | F.G. Intr. | | | | | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE _____ 19__

Length _____ Location _____

Bearing _____

Hole No. Nittetsu #1

Dip _____

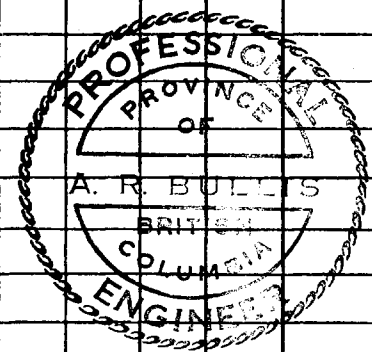
Start _____

Stop _____

Page 6

Logged By _____

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|---------|------|--|---------------|--------|-------|----|--------------|-----|
| | | | | Cu | Fe | Mo | Length | No. |
| 482-486 | | Granodiorite | | | | | | |
| 486-502 | | Skarn - mainly epidote with some magnetite. (Sampled) | | .01 | 12.15 | - | 5.5 | |
| | | | | .01 | 11.24 | - | 6.0 | |
| | | | | .05 | 21.00 | - | 3.0 | |
| 502-507 | | F.G. Granite or Felsite | | | | | | |
| 507-545 | | Skarn in fault zone. (only 15 feet recovered, mainly as pebbles) Some magnetite plus disseminated pyrite and chalcopyrite. 4" to 6" gouge at 536 ft. (Sampled) | | 05 | 14.18 | - | 6.0 | |
| | | | | Tr. | - | - | 9.0 | |
| 545-550 | | Felsite or granite, as above. | | | | | | |
| | | End of Hole 550' | | | | | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE 25th November 19 70

Length 652 ft.

Location Lady Luck #2 M.C.

Bearing 275°

(Cree Lake Mining Ltd.)

Hole No. Nittetsu #2

Dip - 45°

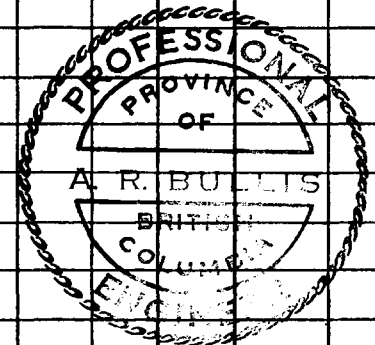
Start _____

Stop _____

Page 1

Logged By A.R.B.

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|---------|------|---|---------------|--------|----|------|--------------|-----|
| | | | | Cu | Fe | Mo | Length | No. |
| 0-8 | | Overburden | | | | | | |
| 8-11 | | Fine-grained Intrusive. | | | | | | |
| 11-31.5 | | Skarn, mainly garnet; no sulfides | Tr | - | - | | | |
| 31.5-47 | | F.G. Intrusive | | | | | | |
| 47-49 | | Skarn-mainly chlorite and epidote. Sheared and brecciated. | | | | | | |
| 49-59 | | F.G. Intr. | | | | | | |
| 59-67 | | Granodiorite. | | | | | | |
| 67-69.5 | | Skarn | | | | | | |
| 69.5-95 | | F.G. Intr. - narrow skarn at 75' | | | | | | |
| 95-111 | | Skarn, except for narrow marble band, at 105-106'. Disseminated chalcopyrite throughout but most in green sections. (Sampled) | | .08 | - | .047 | 2.0 | |
| | | | | .14 | - | - | 6.5 | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE _____ 19____

Length _____ Location _____

Bearing _____

Hole No. Nittetsu #2

Dip _____

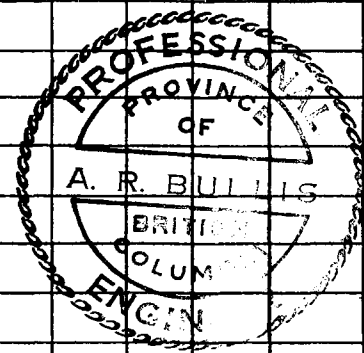
Start _____

Stop _____

Page 3

Logged By _____

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|-----------|------|---|---------------|--------|----|------|--------------|-----|
| | | | | Cu | Fe | Mo | Length | No. |
| 286-327 | | F.G. - Intr.- diorite in places. | | | | | | |
| 327-345 | | Skarn, as above. Good chalcopyrite dissemination in first two feet then very little. (Sampled). | | Tr. | - | - | | |
| 345-354 | | Granodiorite | | | | | | |
| 354-355 | | Skarn plus marble. | | | | | | |
| 355-400 | | F.G. Intr. | | | | | | |
| 400-402 | | Shear zone at core angle 45-55 degrees. | | | | | | |
| 402-409 | | F.G. Intr. | | | | | | |
| 409-418.5 | | Granite - with some epidote, pink to white coloured rock. | | | | | | |
| 418.5-423 | | F.G. Intr. | | | | | | |
| 423-426 | | Granodiorite - coarse-grained, with moly and pyrite dissemination. | | .02 | - | .175 | | |
| 426-439 | | F.G. Intr. | | | | | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE _____ 19____

Length _____ Location _____

Bearing _____

Hole No. Nittetsu #2

Dip _____

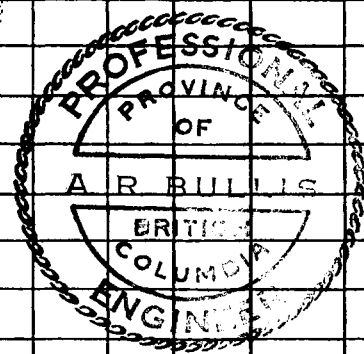
Start _____

Stop _____

Page 4

Logged By _____

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|---------|------|---|---------------|--------|----|-----|--------------|-----|
| | | | | Cu | Fe | Mo | Length | No. |
| 439-444 | | Granodiorite, as above. (Sampled) | | 04 | - | .34 | | |
| 444-457 | | Granodiorite- as above, no sulfides 6" Skarn at 447'. | | | | | | |
| 457-459 | | Skarn, Sheared(?), some magnetite but mainly epidote and garnet. (Sampled). | | | | | | |
| 459-462 | | Granodiorite, as above. | | | | | | |
| 462-466 | | Skarn, - (Sampled). | | | | | | |
| 466-475 | | Granodiorite - coarse-grained. Much hornblende and mica. | | | | | | |
| 475-490 | | F.G. Intr. | | | | | | |
| 490-503 | | Skarn - Very little sulfide noted. C. Gr. diorite 454-497'. (Sampled) | | Tr | - | - | | |
| 503-515 | | Granodiorite, mainly C.G. | | | | | | |
| 515-523 | | Diorite and pink granite. 6" Basalt at 518'. | | | | | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE _____ 19____

Length _____ Location _____

Bearing _____

Hole No. Nittetsu #2

Dip _____

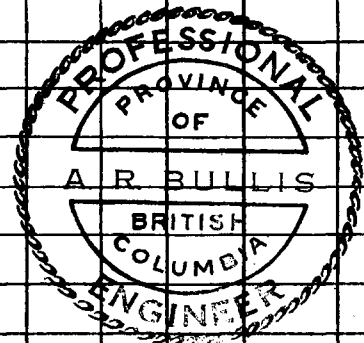
Start _____

Stop _____

Page 5

Logged By _____

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|-----------|------|---|---------------|--------|----|----|--------------|-----|
| | | | | Cu | Fe | Mo | Length | No. |
| 523-579 | | F.G. Intr. some fracturing with interstitial calcite. | | | | | | |
| 579-579.5 | | 6" Fault Zone; Core angle 45 degrees. | | | | | | |
| 579.5-625 | | F.G. Intr. as above. | | | | | | |
| 625-628 | | Diorite- coarse grained, sheared. | | | | | | |
| 628-631 | | Skarn - No sulfides. Slightly sheared. (Sampled). | | | | | | |
| 631-636 | | Diorite - as above. | | | | | | |
| 636-644 | | Shear or Fault in Diorite; shearing and crenulations at C.A. 35-40 degrees. | | | | | | |
| 644-652 | | Diorite. | | | | | | |
| | | End of Hole 652' | | | | | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE 26th November 1970

Length 450 ft.

Location Lady Luck #2 M.C.

Bearing 275°

(Cree Lake Mining Ltd.)

Hole No. Nittetsu #3

Dip -30°

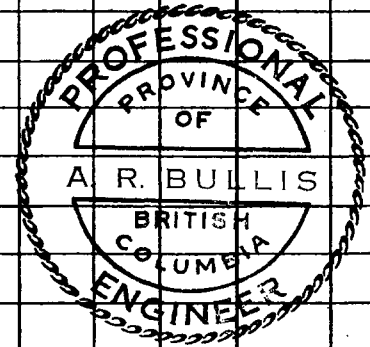
Start _____

Stop _____

Page 1

Logged By A.R.B.

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|---------|------|---|---------------|--------|------|----|--------------|-----|
| | | | | Cu | Fe | Mo | Length | No. |
| 0-18 | | Overburden | | | | | | |
| 18-40.5 | | Granodiorite, varying grain size from medium to coarse. Jointing (or foliation) at C.A. 45 degrees to 50 degrees. Hornblende in "clots". Epidote concentration in two "fractures" at 23' and 37'. | | | | | | |
| 40.5-42 | | Fine-Grained Intrusive, with hornblende "laths" as phenocrysts. Layering not apparent, joints at varying C.A. Quite massive. | | | | | | |
| 42-45.5 | | Granodiorite | | | | | | |
| 45.5-48 | | F.G. Intr., as above. | | | | | | |
| 48-173 | | Granodiorite, variable grain-size and composition. May be, in part, altered F.G. Intr. Fractures from 123 to 128, filled with calcite, at C.A. 20 to 50 degrees; F.G. Int. from 165 to 169. | | | | | | |
| 173-181 | | Skarn plus Granodiorite. Mineralized thruout with pyrrhotite and chalcopyrite plus magnetite. Sulfides 5-8%. Magnetite 15-25%. (Sampled). | | .36 | 29.3 | - | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE _____ 19__

Length _____ Location _____

Bearing _____

Hole No. **Nittetsu #3**

Dip _____

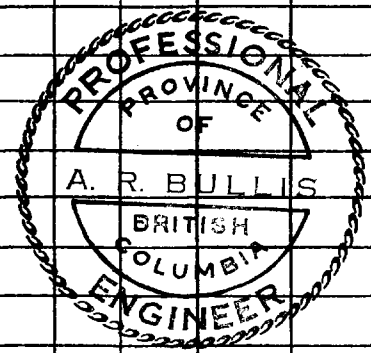
Start _____

Stop _____

Page 2

Logged By _____

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|-----------|------|---|---------------|--------|----|----|--------------|-----|
| | | | | Cu | Fe | Mo | Length | No. |
| 181-192 | | Granodiorite, as above. Calcite-filled fractures at 190' at C.A. 20 degrees. | | | | | | |
| 192-192.5 | | Diorite. (may be shear zone.) Sulfides as above. (Sampled). | | | | | | |
| 192.5-203 | | Granodiorite (as above). | | | | | | |
| 203-217 | | F.G. Intr. no hornblende laths. | | | | | | |
| 217-229 | | Granodiorite, as before. | | | | | | |
| 229-234 | | Skarn plus altered diorite. Some basalt with epidote at start of section. No sulfides noted. (Sampled). | | Tr | - | - | | |
| 234-237 | | Marble with minor garnet. (Sampled). | | | | | | |
| 237-239 | | Skarn, as above. (Sampled). | | .03 | - | - | | |
| 239-244 | | F.G. Intr. or basalt. Much epidote near contact with skarn. (Some s.lit core here). | | | | | | |
| 244-295 | | F.G. Intr. and/or basalt. Small amount of hornblende as laths. | | | | | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE _____ 19____

Length _____ Location _____

Bearing _____

Hole No. Nittetsu #3

Dip _____

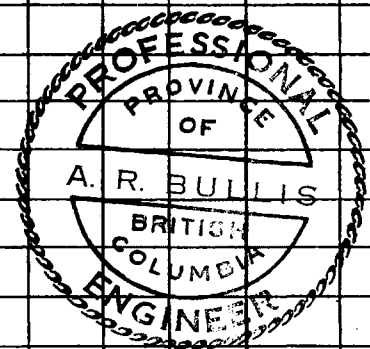
Start _____

Stop _____

Page 3

Logged By _____

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|----------------|------|---|---------------|--------|----|----|--------------|-----|
| | | | | Cu | Fe | Mo | Length | No. |
| 244-295 (Cont) | | Some calcite stringers. | | | | | | |
| 295-300 | | Shear zone in F.G. Intr. Shearing at C.A. 35 to 50 degrees but contact is 65-70 degrees. | | | | | | |
| 300-307 | | F.G. Intr., as above. Becoming porphyrtic near bottom of section. | | | | | | |
| 307-313 | | Shear Zone? Greenish altered rock, with epidote well developed at 313 feet. Similar to 295-300. | | | | | | |
| 313-378.5 | | Porphyry, fine grained altered and bleached; Carbonate alteration thruout. Much brecciation of core from 340 to 350 feet. | | | | | | |
| 378.5-382.5 | | Skarn, epidotized basalt (or F.G. Intr.) Some disseminated pyrite. | | | | | | |
| 382.5-400.5 | | F.G. Intrusive, fractured and jointed. | | | | | | |
| 400.5-405 | | Granodiorite, coarse-grained. Disseminated moly and as "blebs". | | | | | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE 26th Nov. 19 70

Length 550 ft.

Location Lady Luck #2 M.C.

Bearing 275°

(Cree Lake Mining Ltd.)

Hole No. Nittetsu #4

Dip - 45°

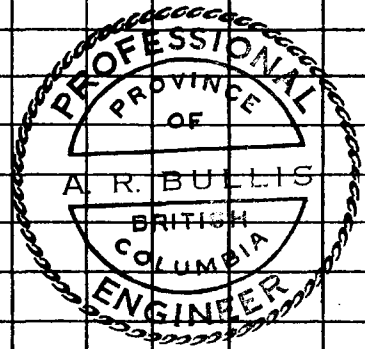
Start _____

Stop _____

Page 1

Logged By A.R.B.

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|-----------|------|--|---------------|--------|--|--|--------------|-----|
| | | | | | | | Length | No. |
| 0-15 | | Overburden | | | | | | |
| 15-47 | | Granodiorite, core fractured and broken. | | | | | | |
| 47-117 | | F.G. Intrusive, with hornblende laths, some white phenocrysts. | | | | | | |
| 117-129.5 | | Granodiorite, appears slightly sheared with calcite "stringers" at 117'. | | | | | | |
| 129.5-170 | | F.G. Intrusives (as above). | | | | | | |
| 170-224.5 | | Diorite and/or Granodiorite. Variable gr. size, color and composition. Foliated at C.A. 40' Some calcite filled fractures. | | | | | | |
| 224-229 | | F.G. Intr. | | | | | | |
| 229-234 | | Shear Zone?. Diorite or F.G. Intr. well foliated or sheared at C.A. 35-45 degrees. Some epidote. | | | | | | |
| 234-245.5 | | F.G. Intr. | | | | | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE _____ 19__

Length _____ Location _____

Bearing _____

Hole No. Nittetsu #4

Dip _____

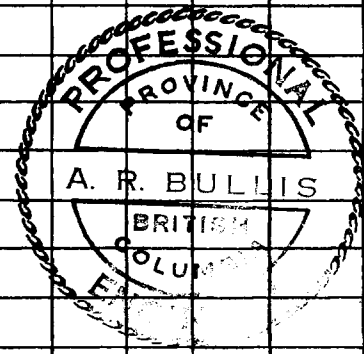
Start _____

Stop _____

Page 2

Logged By _____

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|-------------|------|--|---------------|------------|--------|-----------|---------------|-----|
| | | | | Cu | Fe | Mo | Length | No. |
| 245.5-250.5 | 5 | Skarn. Much epidote and some garnet No sulfides noted. (Sampled). | | Tr | - | - | | |
| 250.5-265.5 | 5 | Marble, massive, only slightly garnetized. | | | | | | |
| 265.5-278 | | Skarn. Garnet and epidote to 266' then all green skarn or altered F.G. Intr. with much epidote. Some disseminated chalcopyrite. (Sampled) | | .05 .01 | - - | - .054 | 3.5' 10.0' | |
| 278-307.5 | | F.G. Porphyry, very similar to F.G. Intr. with hornblende laths, but phenocrysts here/are very apparent. Carbonate alteration may account for this. | | | | | | |
| 307.5-323 | | F.G. Intr. | | | | | | |
| 323-328 | | Altered zone in F.G. Intr. or dark skarn, with disseminated chalcopyrite plus pyrite thruout. Very low grade. (Sampled). | | .02 | - | - | | |
| 328-348 | | Diorite, medium grained appears sheared at C.A. 35-45 degrees. | | | | | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE _____ 19____

Length _____ Location _____

Bearing _____

Hole No. Nittetsu #4

Dip _____

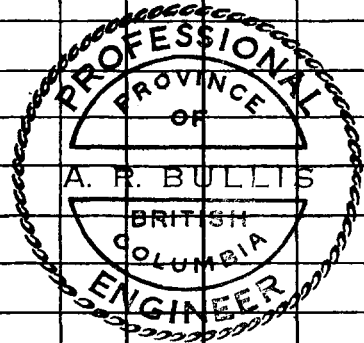
Start _____

Stop _____

Page 3

Logged By _____

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|-----------|------|---|---------------|--------|----|----|--------------|-----|
| | | | | Cu | Fe | Mo | Length | No. |
| 348-352 | | Granodiorite, jointed and fractured. | | | | | | |
| 352-362 | | F.G. Intr. broken and brecciated, many feldspar stringers at C.A. 35-40 degrees. | | | | | | |
| 362-367 | | Skarn, some altered F.G. Intr. and some garnet-epidote rock. Fine, disseminated pyrite and chalcopyrite thruout. (Sampled). | | .02 | - | - | | |
| 367-369 | | F.G. Intr. or basalt. | | | | | | |
| 369-370 | | F.G. Intr., altered with disseminated chalcopyrite and pyrite. (Sampled). | | | | | | |
| 370-379.5 | | F.G. Intr., as above. | | | | | | |
| 379.5-383 | | Skarn, with garnet and calcite. Chalcopyrite and pyrite finely disseminated. (Sampled). | | .02 | - | - | | |
| 383-397 | | F.G. Intr., with some fine hornblende "laths" and phenocrysts. | | | | | | |
| 397-400 | | Diorite. | | | | | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE _____ 19__

Length _____ Location _____

Bearing _____

Hole No. Nittetsu #5

Dip _____

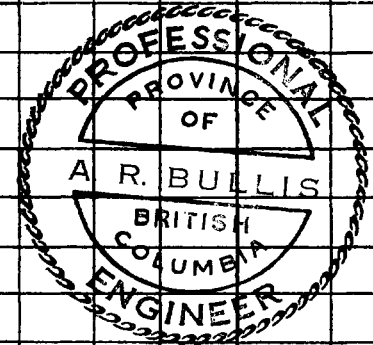
Start _____

Stop _____

page 2

Logged By _____

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|------------|------|---|---------------|--------|----|----|--------------|-----|
| | | | | Cu | Fe | Mo | Length | No. |
| 78.0-96.0 | | (Cont.) granodiorite and/or granite. Much epidote in lower half of section. (Sampled). | | .02 | - | - | 11.0 | |
| | | | | .01 | - | - | 7.0 | |
| 96.0-98.0 | | F.G. Intr. | | | | | | |
| 98.0-100.0 | | Altered zone and skarn, with sulfides disseminated thruout. | | | | | | |
| 100.0-125 | | F.G. Intr., may be in part, diorite. | | | | | | |
| 125-130 | | Fault area? Broken core may be due to drilling. Rock as before but with some epidote. | | | | | | |
| 130-163 | | F.G. Intrusives and/or diorite. | | | | | | |
| 163-177 | | Altered F.G. Intr. disseminated chalcopryrite thruout, with epidote developed. (Sampled). | | .01 | - | - | | |
| 177-188 | | F.G. Intr., as above. | | | | | | |
| 188-193 | | Skarn, mainly garnet Contact at C.A. 40 degrees. Very little sulfide noted. (Sampled). | | Tr. | - | - | | |
| 193-197 | | Diorite. | | | | | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE _____ 19__

Length _____ Location _____

Bearing _____

Hole No. Nittetsu #5.

Dip _____

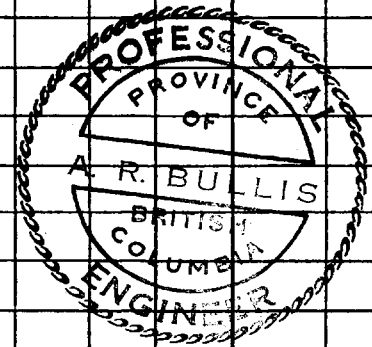
Start _____

Stop _____

Page 3

Logged By _____

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|------------------|------|--|---------------|--------|----|----|--------------|-----|
| | | | | Cu | Fe | Mo | Length | No. |
| 197-215.5 | | Skarn, as above with more epidote. (Sampled) | | .03 | - | - | 10.0 | |
| | | | | Tr. | - | - | 7.5 | |
| 215.5-217 | | Diorite. | | | | | | |
| 217-233 | | F.G. Intr., with narrow skarn zones, with disseminated pyrite and chalcop- pyrite in certain narrow zones that appear to be faults. | | | | | | |
| 233-285 | | F.G. diorite with medium grained sections. Some epidote developed on fractures. | | | | | | |
| 285-287 | | F.G. diorite and/or intrusive? Epidote developed. | | | | | | |
| 287-363 | | Diorite, medium to fine grained. | | | | | | |
| 363-366 | | Diorite, (may be fault zone?) | | | | | | |
| 366-389 | | Diorite, as before, but more fracturing. | | | | | | |
| 389-400 | | F.G. Intrusives (4 feet core lost here due to grinding). | | | | | | |
| End of Hole 400' | | | | | | | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE 26 November 19 70

Length 400 ft.

Location Lady Luck #2 M.C.

Bearing 90 degrees

Hole No. Nittetsu #6

Dip -65°

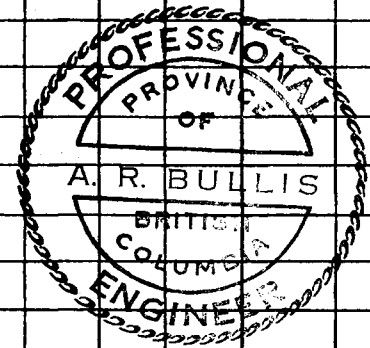
Start _____

Stop _____

Page 1

Logged By A.R.B.

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|-----------|------|---|---------------|--------|----|----|--------------|-----|
| | | | | Cu | Fe | Mo | Length | No. |
| 0-16 | | Overburden. | | | | | | |
| 16-71 | | Diorite, fine-to-medium grained; broken to sheared in narrow zones than contain disseminated-to-platy pyrite and minor chalcopyrite. | | | | | | |
| 71-76 | | F.G. Intr. and/or diorite. | | | | | | |
| 76-87 | | Diorite, as from 16-71 feet. | | | | | | |
| 87-88 | | Sheared and altered diorite, shearing at C.A. 45 degrees. | | | | | | |
| 88-118 | | Zone of alteration in diorite with narrow bands of skarn; chalcopyrite pyrrhotite plus magnetite in sheared zones. Some small drag folds. | | | | | | |
| 118-187.5 | | Diorite, as before. | | | | | | |
| 187.5-281 | | Marble, with some epidote and garnet near contact. Quite massive thruout, with occassional dark parting. Marble has small "dyke" or parting of F.G. Intrusive, (basalt) from 242-243. | | | | | | |



TRANS-PACIFIC ENGINEERING & MANAGEMENT LTD.

DIAMOND DRILL-HOLE LOG

DATE _____ 19____

Length _____ Location _____

Bearing _____

Hole No. Nittetsu #6

Dip _____

Start _____

Stop _____

Page 2.

Logged By _____

| Depth | Core | Formation | Core Recovery | Assays | | | Core Samples | |
|-------------|------|--|---------------|--------|----|----|--------------|-----|
| | | | | Cu | Fe | Mo | Length | No. |
| 281-304 | | F.G. Intrusive, hornblende "laths", some feldspar phenocrysts. | | | | | | |
| 304-309 | | Marble | | | | | | |
| 309-315 | | F.G. Intrusive, basalt, greenish in hue and no hornblende "laths". | | | | | | |
| 315-324 | | Marble. Fault? at 323 feet. | | | | | | |
| 324-334.5 | | F.G. diorite, broken and fractured thruout. | | | | | | |
| 334.5-336.5 | | Marble, appears sheared and contorted on contacts at C.A. 40 degrees. | | | | | | |
| 336.5-341 | | F.G. Diorite, as before. | | | | | | |
| 341-343 | | Marble and Skarn, as above. | | | | | | |
| 343-347 | | F.G. Diorite, as above. | | | | | | |
| 347-353 | | Skarn; garnet mainly with fine, disseminated chalcopryrite and pyrite thruout. (Sampled). | | .03 | - | - | 3.0 | |
| | | | | .03 | - | - | 3.0 | |
| 353-400 | | Diorite, medium-to-fine grained, with many fractures and narrow fault zones. End of Hole 400 feet. | | | | | | |

