



32E13SE0012 38 ATKINSON LAKE

010

Diamond Drilling

Area Atkinson Lake

Report NO

38

Work performed by: Getty Canadian Metals Ltd.

| Claim NO | Hole NO | Footage | Date | Note |
|----------|-----------|---------|------------|------|
| P 619077 | DL-82-05 | 174.7m | Nov/82 | (1) |
| P 619063 | DL-82-06 | 125.3m | Nov/82 | (1) |
| P 619154 | | | | |
| 633248 | DL-82-07 | 125m | Oct/82 | (1) |
| P 619073 | DL-83-37 | 160.6m | Nov/83 | (1) |
| | DL-83-37A | 44.8m | Nov/83 | (1) |
| P 619069 | DL-83-38 | 236.5m | Nov-Dec/83 | (1) |
| P 619161 | DL-83-39 | 163.7m | Dec/83 | (1) |
| P 585921 | DL-83-40 | 198.1m | Nov-Dec/83 | (1) |
| P 585936 | DL-83-41 | 175.9m | Nov/83 | (1) |
| P 585911 | DL-83-42 | 160.6m | Dec/83 | (1) |
| P 585966 | DL-83-43 | 197.2m | Nov/83 | (1) |
| P 586580 | DL-83-44 | 203.3m | Feb/84 | (1) |
| P 586587 | DL-83-45 | 182m | Feb/84 | (1) |

Notes: (1) #125-85

ATTACHMENTS REQUIRED BY MINING RECORDER

FOR

DIAMOND DRILLING

Submitted By

Getty Canadian Metals, Limited

Drill logs and drill hole location maps are submitted for drill holes DL-82-05, DL-82-06, DL-82-07, DL-83-37, DL-83-37a, DL-83-38, DL-83-39, DL-83-40, DL-83-41, DL-83-42, DL-83-43, DL-83-44, DL-83-45, DL-83-46, DL-83-47, DL-83-48, DL-83-49, DL-83-50 and DL-83-51.

Total meterage for the holes is 3325.5 m (10,910 ft.) for total work days credit of 10,910 days. Only 10883 days are being claimed.

A list of claims to which the drill credits are to be applied is attached.

K.S. Sutherland
Geologist

March 1985
Toronto, Ontario

(A)
 DETOUR LAKE
 DRILL HOLE LOCATION TABLE
 ATTACHMENT FOR REPORT OF WORK

| <u>CLAIM NO.</u> | <u>DRILL HOLE NO.</u> | <u>METREAGE</u> |
|------------------|-----------------------|-----------------|
| P 619077 | DL-82-05 | 174.7 |
| 619063 | DL-82-06 | 125.3 |
| 619154 | DL-82-07 | 125.0 |
| 619073 | DL-83-37 | 160.6 |
| 619073 | DL-83-37a | 44.8 |
| 619069/619068 | DL-83-38 | 236.5 |
| 619161 | DL-83-39 | 163.7 |
| 585921 | DL-83-40 | 198.1 |
| 585936 | DL-83-41 | 175.9 |
| 585911 | DL-83-42 | 160.6 |
| 585966/585957 | DL-83-43 | 197.2 |
| 586580 | DL-84-44 | 203.3 |
| 586587 | DL-83-45 | 182.0 |
| 585565 | DL-83-46 | 198.1 |
| 585566 | DL-83-47 | 203.0 |
| 585565 | DL-83-48 | 188.1 |
| 585773 | DL-83-49 | 191.1 |
| 585563 | DL-83-50 | 191.2 |
| 585573 | DL-83-51 | 206.3 |
| | | 3,325.5 |
| | | or |
| | | (10,910 ft) |

(B)
DETOUR LAKE

59 DAYS DIAMOND DRILLING ASSESSMENT

P 585938

51 DAYS DIAMOND DRILLING ASSESSMENT

P 585923

40 DAYS DIAMOND DRILLING ASSESSMENT

P 585575
585576
585829
585838
585839
585936

P 586580

32 DAYS DIAMOND DRILLING ASSESSMENT

P 585830

20 DAYS DIAMOND DRILLING ASSESSMENT

P 585924
585925

P 586515
586516
586517

(B)

DETOUR LAKE

60 DAYS DIAMOND DRILLING ASSESSMENT

| | | |
|----------|----------|----------|
| P 585247 | P 585834 | P 585930 |
| 585248 | 585835 | 585935 |
| 585304 | 585836 | 585937 |
| 585557 | 585837 | 585944 |
| 585558 | 585840 | 585945 |
| 585559 | 585841 | 585946 |
| 585562 | 585842 | 585947 |
| 585571 | 585843 | 585948 |
| 585573 | 585845 | 585949 |
| 585577 | 585846 | 585950 |
| 585578 | 585848 | 585952 |
| 585579 | 585851 | 585953 |
| 585602 | 585852 | 585954 |
| 585603 | 585853 | 585955 |
| 585604 | 585854 | 585956 |
| 585605 | 585855 | 585957 |
| 585606 | 585856 | 585964 |
| 585607 | 585857 | 585965 |
| 585608 | 585858 | 585966 |
| 585609 | 585873 | |
| 585610 | 585884 | |
| 585611 | 585885 | P 586508 |
| 585612 | 585899 | 586509 |
| 585613 | 585900 | 586510 |
| 585614 | 585901 | 586513 |
| 585615 | 585902 | 586514 |
| 585616 | 585903 | 586578 |
| 585617 | 585904 | 586579 |
| 585655 | 585905 | 586581 |
| 585656 | 585906 | 586587 |
| 585772 | 585907 | 586588 |
| 585773 | 585908 | 586589 |
| 585774 | 585909 | |
| 585780 | 585910 | |
| 585781 | 585911 | |
| 585785 | 585912 | |
| 585792 | 585913 | |
| 585797 | 585914 | |
| 585821 | 585915 | |
| 585822 | 585916 | |
| 585825 | 585917 | |
| 585826 | 585918 | |
| 585827 | 585920 | |
| 585828 | 585921 | |
| 585831 | 585922 | |
| 585832 | 585926 | |
| 585833 | | |

123 claims

(C)
DETOUR SOUTH

60 DAYS DIAMOND DRILLING ASSESSMENT

| | |
|----------|----------|
| P 619058 | P 619146 |
| 619059 | 619147 |
| 619060 | 619148 |
| 619061 | 619149 |
| 619062 | 619150 |
| 619063 | 619151 |
| 619064 | 619152 |
| 619065 | 619153 |
| 619067 | 619154 |
| 619068 | 619155 |
| 619069 | 619156 |
| 619070 | 619157 |
| 619071 | 619158 |
| 619072 | 619159 |
| 619073 | 619160 |
| 619074 | 619161 |
| 619075 | 619162 |
| 619076 | 619163 |
| 619077 | 619164 |
| 619141 | 633245 |
| 619142 | 633246 |
| 619143 | 633247 |
| 619144 | 633248 |
| 619145 | |

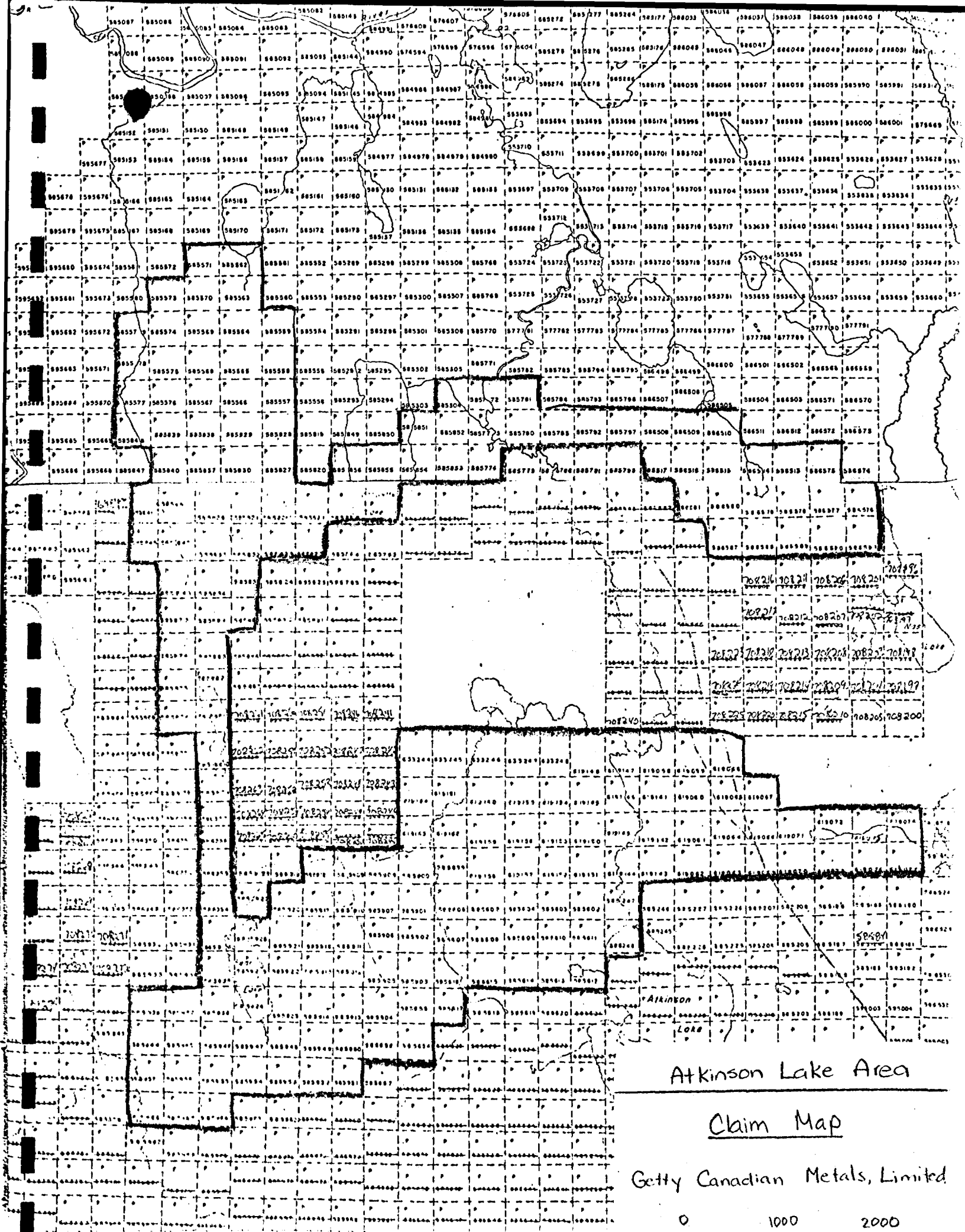
47 claims

61 DAYS DIAMOND DRILLING ASSESSMENT

P 633244

100 DAYS DIAMOND DRILLING ASSESSMENT

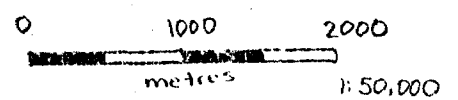
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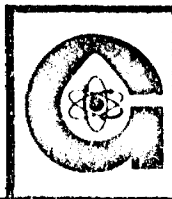
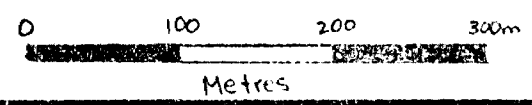
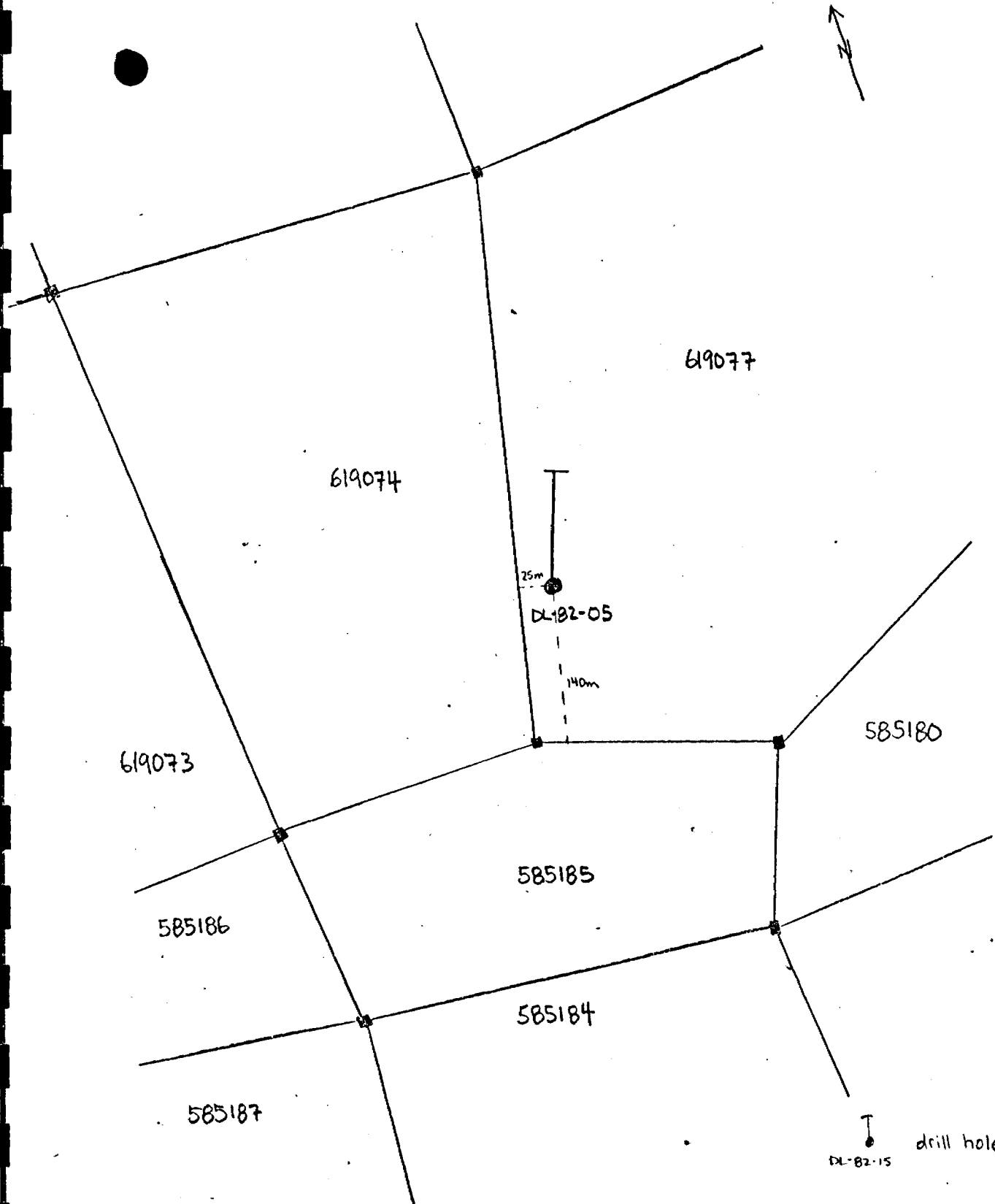


Atkinson Lake Area

Claim Map

Getty Canadian Metals, Limited





| | |
|-------------------|----------------|
| DRAWN BY: KSS | DATE: Jan 83 |
| CHECK'D BY: | DRAW'G No: |
| N.T.S.: 32 E / 13 | SCALE: 1:5,000 |

Getty Canadian Metals, Ltd.

GETTY MINES, LIMITED

Hole Number

DL-82-05

DRILL HOLE LOG

Property..... DETOUR SOUTH
 Location..... 142 km NE COCHRANE, ONTARIO
 Grid..... PROPERTY (EAST 'B')
 Latitude..... 12+375N
 Departure..... 29+00E

Core Size..... BQ
 Elev. Collar.....
 Bearing..... 340°
 Dip..... -55°
 Length..... 174.7 m
 Horiz. Trace..... 103.0 m
 Vert. Trace..... 140.0 m

Starting Date..... NOVEMBER 01, 1982
 Completion Date..... NOVEMBER 5, 1982
 Date Logged..... NOVEMBER 06-08, 1982
 Logged by..... G.A. TREMBLAY

T. Sutherland

| Dip Tests | | |
|-----------|-------|--------|
| Depth | Angle | |
| | Read | Actual |
| Collar | -55° | -55° |
| 22.6m | -62° | -55° |
| 174.7m | -59° | -52° |

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METERS | | CORE LGTH. | ASSAY | | | | |
|--------|--------|---|---------------|--------|------|------------|----------|----------|----------|----------|--|
| | | | | FROM | TO | | Au (ppb) | Cu (ppm) | Zn (ppm) | Ag (ppm) | |
| 0.0 m | 22.6 m | OVERBURDEN - sand, gravel, boulders, clay | | | | | | | | | |
| 22.6 m | 52.8 m | ULTRAMAFIC METAVOLCANICS - Dark blackish green in colour. Massive. Finely to medium crystalline. Moderately talcose from 22.6 to 45.2; but highly talcose from 45.2 to 52.8. The rock consists of altered ferromagnesian silicates, i.e. talc, tremolite-actinolite, chlorite. Non-magnetic. Very minor sulphides. Fractures (40°-55° to C/A) infilled with talc-carbonate-chlorite-serpentine-quartz. Chloritic mafic lapilli tuffs (felsic fragments) from 27.8 to 30.2 m with foliation at 55° to C/A. From 22.6 to 25.7 m disseminated, lenticular, blobby sulphides (py < 3%) spotting chloritized blackish green ferromagnesian throughout. | C 7436 | 22.6 | 24.6 | 2.0 | < 1 | 480 | 260 | 1.0 | |
| | | | C 7437 | 24.6 | 26.6 | 2.0 | 2 | 580 | 820 | 0.5 | |
| | | | C 7438 | 26.6 | 28.6 | 2.0 | 2 | 100 | 230 | 0.5 | |
| | | | C 7439 | 28.6 | 30.6 | 2.0 | 1 | 130 | 200 | 0.5 | |
| | | | C 7440 | 30.6 | 32.6 | 2.0 | 1 | 88 | 25 | 0.5 | |
| | | | C 7441 | 32.6 | 34.6 | 2.0 | < 1 | 100 | 21 | < 0.5 | |
| | | | C 7442 | 34.6 | 36.6 | 2.0 | < 1 | 110 | 25 | < 0.5 | |
| | | | C 7443 | 36.6 | 38.6 | 2.0 | 2 | 87 | 21 | < 0.5 | |
| | | | C 7444 | 38.6 | 40.6 | 2.0 | < 1 | 110 | 18 | < 0.5 | |
| | | | C 7445 | 40.6 | 42.6 | 2.0 | < 1 | 39 | 19 | < 0.5 | |
| | | | C 7446 | 42.6 | 44.6 | 2.0 | 2 | 110 | 18 | < 0.5 | |
| | | | C 7447 | 44.6 | 46.6 | 2.0 | 2 | 98 | 59 | < 0.5 | |
| | | | C 7448 | 46.6 | 48.6 | 2.0 | 2 | 19 | 130 | < 0.5 | |
| | | | C 7449 | 48.6 | 50.6 | 2.0 | < 1 | 9 | 94 | < 0.5 | |
| | | | C 7450 | 50.6 | 52.8 | 2.2 | < 1 | 7 | 110 | < 0.5 | |
| 52.8 m | 77.2 m | ULTRAMAFIC METAVOLCANICS (pyroxenite) - Dark bluish green to black in colour. Massive. Medium to coarsely crystalline. Moderately talcose. The rock consists of altered ferro- | C 7451 | 52.8 | 54.8 | 2.0 | 1 | 110 | 67 | < 0.5 | |
| | | | C 7452 | 75.2 | 77.2 | 2.0 | 1 | 58 | 44 | < 0.5 | |

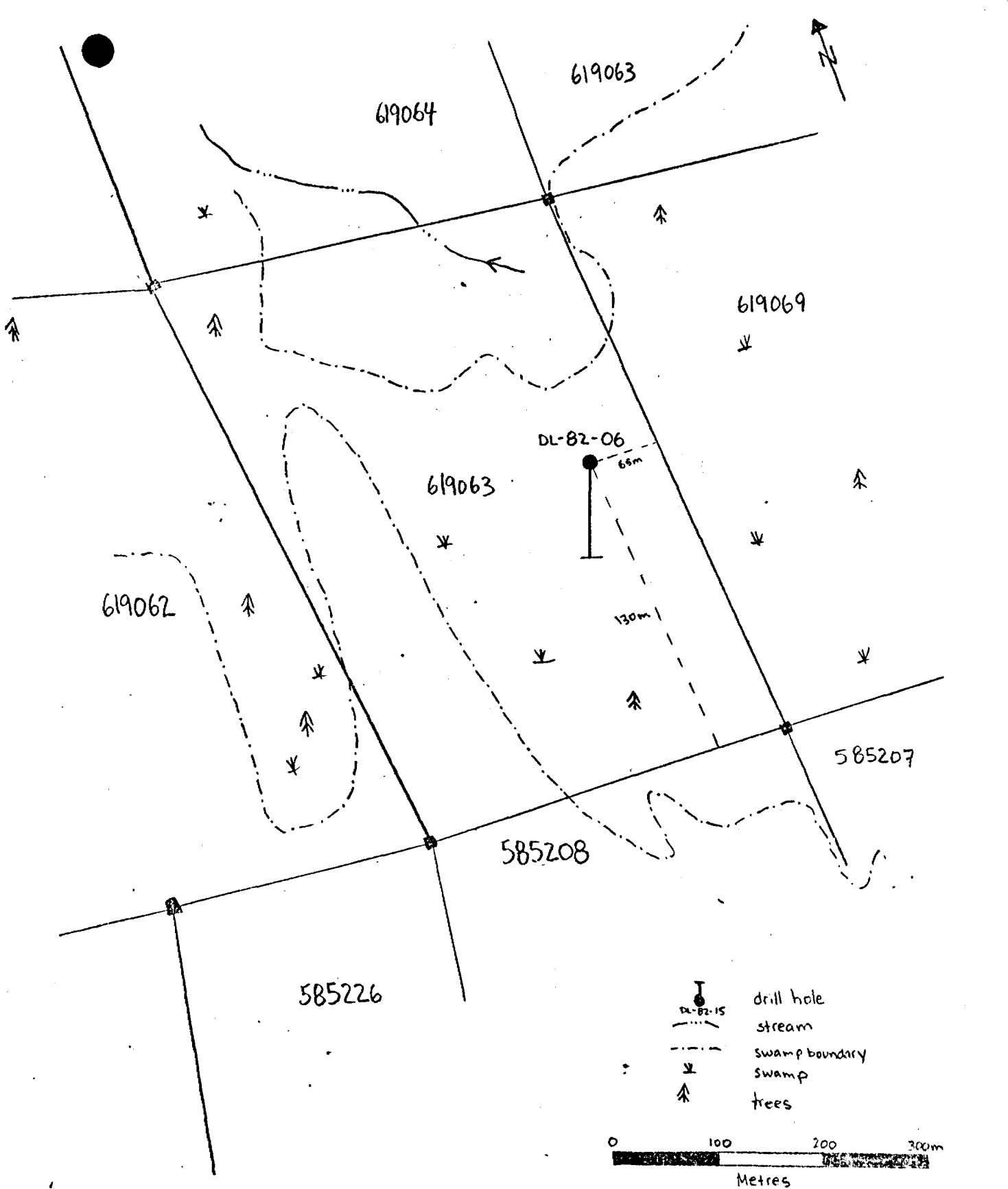
GETTY MINES, LIMITED






Hole Number

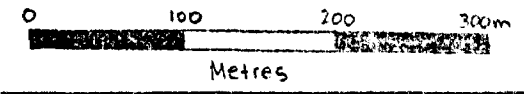
DL-82-05


DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METERS | | CORE LGTH | ASSAY | | | |
|---------|---------|---|---------------|--------|-------|-----------|----------|----------|----------|----------|
| | | | | FROM | TO | | Au (ppb) | Cu (ppm) | Zn (ppm) | Ag (ppm) |
| | | pyrite. | | | | | | | | |
| | | 88.8 - 89.4 m - 20-25% po as stringers, disseminations and blebby masses. Chloritic and cherty. | | | | | | | | |
| | | 89.4 - 89.9 m - Chloritic and cherty, 5-10% po as stringers, disseminations and fractures fillings. Foliation at 50-55° to C/A. | | | | | | | | |
| 89.9 m | 107.1 m | MAFIC-ULTRAMAFIC METAVOLCANICS (pyroxene gabbro/andesite?) - Dark deep green to greenish black in colour. Very finely crystalline. At times, glassy aspect. Silicification and mineralization increase towards CONDUCTIVE ZONE. Fractures infilled with quartz-carbonate-sulphides (mainly po). At 106.5 m a 5 cm quartz-eye porphyry. Also, quartz-eye porphyry from 106.9 to 107.0 m; phenocrysts of feldspar and quartz; highly chloritic contacts at 80-90° to C/A. | C 7466 | 89.9 | 90.9 | 1.0 | 2 | 280 | 1400 | < 0.5 |
| | | | C 7467 | 90.9 | 91.9 | 1.0 | 1 | 30 | 86 | < 0.5 |
| | | | C 7468 | 91.9 | 92.9 | 1.0 | 1 | 210 | 950 | 0.5 |
| | | | C 7469 | 92.9 | 94.9 | 2.0 | < 1 | 190 | 62 | < 0.5 |
| | | | C 7470 | 94.9 | 96.9 | 2.0 | 1 | 180 | 40 | < 0.5 |
| | | | C 7471 | 96.9 | 98.9 | 2.0 | 1 | 200 | 43 | 0.5 |
| | | | C 7472 | 98.9 | 100.9 | 2.0 | < 1 | 120 | 26 | < 0.5 |
| | | | C 7473 | 100.9 | 102.9 | 2.0 | 1 | 170 | 31 | < 0.5 |
| | | | C 7474 | 102.9 | 104.9 | 2.0 | 4 | 330 | 100 | 0.5 |
| | | | C 7475 | 104.9 | 107.1 | 2.2 | 1 | 230 | 99 | < 0.5 |
| 107.1 m | 108.5 m | QUARTZ-FELDSPAR PORPHYRY/QUARTZ-EYE PORPHYRY (dike) - Medium to dark brownish grey in colour. Containing conspicuous phenocrysts (lath) of feldspar and quartz in a fine-grained groundmass. Highly chloritic contacts (greenish blue and black chlorite). Foliated stringers of brown biotite. Minor pyrrhotite and pyrite. | C 7476 | 107.1 | 108.5 | 1.4 | < 1 | 16 | 55 | < 0.5 |



-  drill hole
-  stream
-  swamp boundary
-  swamp
-  trees



| | | |
|---|-------------------|---------------|
|  | DRAWN BY: | DATE: Jan/83 |
| | CHECK'D BY: | DRAW'G No: |
| | N.T.S.: 32 E / 13 | SCALE: 1:5000 |
| Getty Canadian Metals, Ltd. | | |

GETTY MINES, LIMITED

Hole Number

DL-82-06

DRILL HOLE LOG

Property..... DETOUR SOUTH
 Location..... 142 km. NE. COCHRANE, ONTARIO
 Grid..... PROPERTY (EAST 'B')
 Latitude..... 9:50N
 Departure..... 14+00E

Core Size..... BQ
 Elev. Collar.....
 Bearing..... 160°
 Dip..... 50°
 Length..... 125.3 m
 Horiz. Trace..... 84.7 m
 Vert. Trace..... 91.0 m

Starting Date.... NOVEMBER 06, 1982.
 Completion Date. NOVEMBER 07, 1982.
 Date Logged..... NOVEMBER 09, 1982.
 Logged by... G.A. TREMBLAY

K. Sutherland

| Dip Tests | | |
|-----------|-------|--------|
| Depth | Angle | |
| | Read | Actual |
| Collar | -50° | -50° |
| 17.6m | -58° | -51° |
| 125.3m | -51° | -44° |
| | | |
| | | |

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METERS | | CORE LGTH. | ASSAY | | | |
|--------|--------|--|---------------|--------|------|------------|----------|----------|----------|----------|
| | | | | FROM | TO | | Cu (ppb) | Cu (ppm) | Zn (ppm) | Ag (ppm) |
| 0.0 m | 17.6 m | OVERBURDEN - Sand, gravel, boulders, clay | | | | | | | | |
| 17.6 m | 31.5 m | ULTRAMAFIC METAVOLCANICS (pyroxenite) - Dark bluish green to black (mottled black) in colour. Massive. Finely to medium crystalline. Moderately talcose. Pseudomorphs of tremolite and magnetite. Up to 10% magnetite. Fractures (45°-55° to C/A) infilled with the talc-carbonate, lighter green, more talcose and chloritic, from 28.2 to 31.5 m (near contact). Highly chloritic for 20 cm on either side of the contact (75° to C/A). Minor sulphides (py) at the contact. | | | | | | | | |
| 31.5 m | 46.0 m | MAFIC METAVOLCANICS (tuffs) - Dark greenish grey in colour. Fine-grained. Massive to weakly foliated at 45°-55° to C/A. Amphibolitic. Contains amphibole, feldspar, biotite, chlorite. Network of hairline fractures infilled with quartz-carbonate. Non-magnetic to very weakly magnetic. Broken core from 45.3 to 45.5 m. Minor disseminations and stringers of pyrrhotite and pyrite. Felsic from 42.1 to 42.2 m. | | | | | | | | |
| 46.0 m | 68.6 m | MAFIC METAVOLCANICS (Gabbro/Basalt?) - Medium to dark bluish green in colour. Medium-grained. Massive. Mostly altered to tremolite | C-7495 | 58.6 | 60.6 | 2.0 | 2 | 42 | 20 | <0.5 |
| | | | C-7496 | 60.6 | 62.6 | 2.0 | <1 | 86 | 20 | <0.5 |

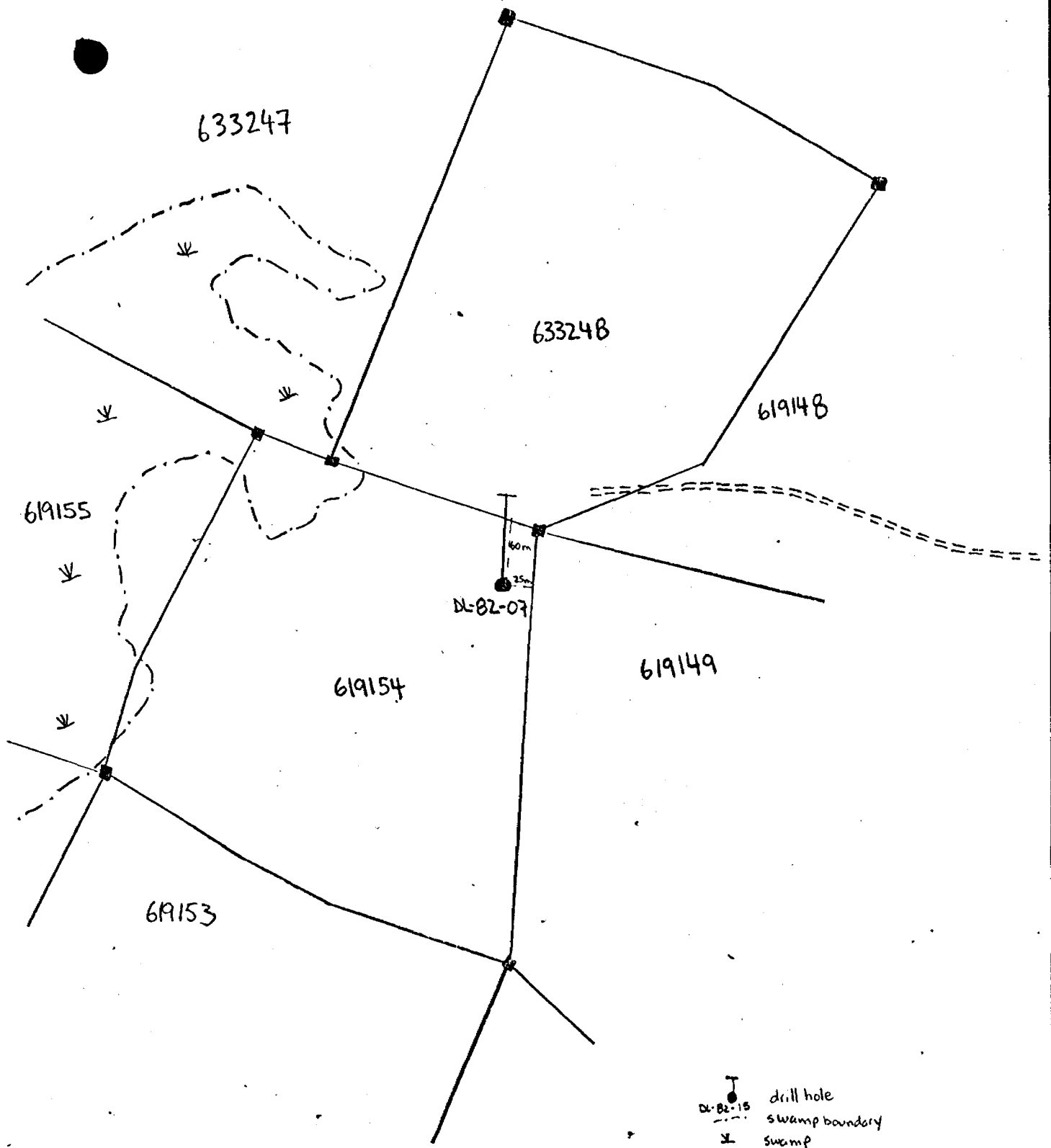
GETTY MINES, LIMITED




Hole Number

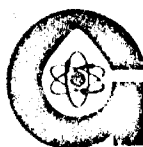
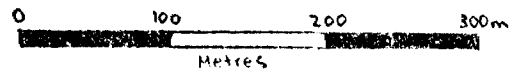
DL-82-06

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METERS | | CORE LGTH | ASSAY | | | |
|--------|--------|---|---------------|--------|------|-----------|----------|----------|----------|----------|
| | | | | FROM | TO | | Au (ppb) | Cu (ppm) | Zn (ppm) | Ag (ppm) |
| 46.0 m | 68.6 m | cont'd | | | | | | | | |
| | | From 46.0 to 48.5 slightly chloritic and talcose. | C-7497 | 62.6 | 64.6 | 2.0 | 1 | 55 | 16 | < 0.5 |
| | | At 46.0 m chloritic contact at 70° to C/A. Increasing silification | C-7498 | 64.6 | 66.6 | 2.0 | < 1 | 120 | 20 | < 0.5 |
| | | and becoming finer-grained towards conductive zone. Increase in | C-7499 | 66.7 | 67.6 | 1.0 | < 1 | 170 | 26 | < 0.5 |
| | | dissemination po and py towards the contact. Presence of brown | C-7500 | 67.6 | 68.6 | 1.0 | < 1 | 200 | 44 | < 0.5 |
| | | biotite at 67.3 m. | | | | | | | | |
| 68.6 m | 75.8 m | CONDUCTIVE ZONE - (cherty siliceous tuff) - Pale green to light | C-7501 | 68.6 | 69.1 | 0.5 | 16 | 2500 | 370 | 1.0 |
| | | brownish grey in colour. Fine to medium grained. Laminated and | C-7502 | 69.1 | 69.6 | 0.5 | 1 | 970 | 190 | < 0.5 |
| | | banded at 45°-65° to C/A. Glassy quartz injections; also, chlorite | C-7503 | 69.6 | 70.1 | 0.5 | 2 | 1500 | 320 | < 0.5 |
| | | biotite-sulphides banding around lapilli bombs. Sulphides as coarse | C-7504 | 70.1 | 70.6 | 0.5 | 3 | 950 | 510 | < 0.5 |
| | | beds, disseminations, lenses and stringers. Minor chalcodyrite | C-7505 | 70.6 | 71.1 | 0.5 | 2 | 1500 | 610 | < 0.5 |
| | | as fracture-fillings (cross-cutting other sulphides). Chloritic | C-7506 | 71.1 | 71.6 | 0.5 | 3 | 3100 | 1600 | 1.0 |
| | | at times. Very consistently mineralized. | C-7507 | 71.6 | 72.1 | 0.5 | 4 | 3700 | 1600 | 1.0 |
| | | | C-7508 | 72.1 | 72.6 | 0.5 | < 1 | 1700 | 1300 | 0.5 |
| | | 20-25% po/10-15% py/1% >cpy. | C-7509 | 72.6 | 73.1 | 0.5 | 2 | 1000 | 790 | < 0.5 |
| | | | C-7510 | 73.1 | 73.6 | 0.5 | 4 | 1400 | 510 | < 0.5 |
| | | | C-7511 | 73.6 | 74.1 | 0.5 | 3 | 1400 | 310 | 0.5 |
| | | | C-7512 | 74.1 | 74.6 | 0.5 | 1 | 1300 | 640 | < 0.5 |
| | | | C-7513 | 74.6 | 75.1 | 0.5 | 2 | 700 | 430 | < 0.5 |
| | | | C-7514 | 75.1 | 75.8 | 0.7 | 4 | 1100 | 450 | 0.5 |
| 75.8 m | 83.0 m | SILICIFIED MAFIC TO INTERMEDIATE METAVOLCANICS (tuffs) - Greenish | C-7515 | 75.8 | 76.3 | 0.5 | 2 | 74 | 62 | < 0.5 |
| | | to blackish grey in colour. Very fine-grained. Cherty. Foliated | C-7516 | 76.3 | 76.8 | 0.5 | < 1 | 56 | 54 | < 0.5 |
| | | at 30°-45° to C/A. Amphibole-feldspar-biotite-chlorite-quartz. | C-7517 | 76.8 | 77.3 | 0.5 | < 1 | 480 | 61 | 0.5 |
| | | Mineralization occurs as finely disseminated and in stringers on | C-7518 | 77.3 | 77.8 | 0.5 | 2 | 1100 | 91 | 0.5 |



 drill hole
 swamp boundary
 swamp trail



| | |
|-----------------|----------------|
| DRAWN BY: KSS | DATE: Jun 183 |
| CHECK'D BY: | DRAW'G No: |
| N.T.S.: 32.E/13 | SCALE: 1:5,000 |

Getty Canadian Metals, Ltd.

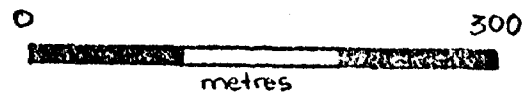
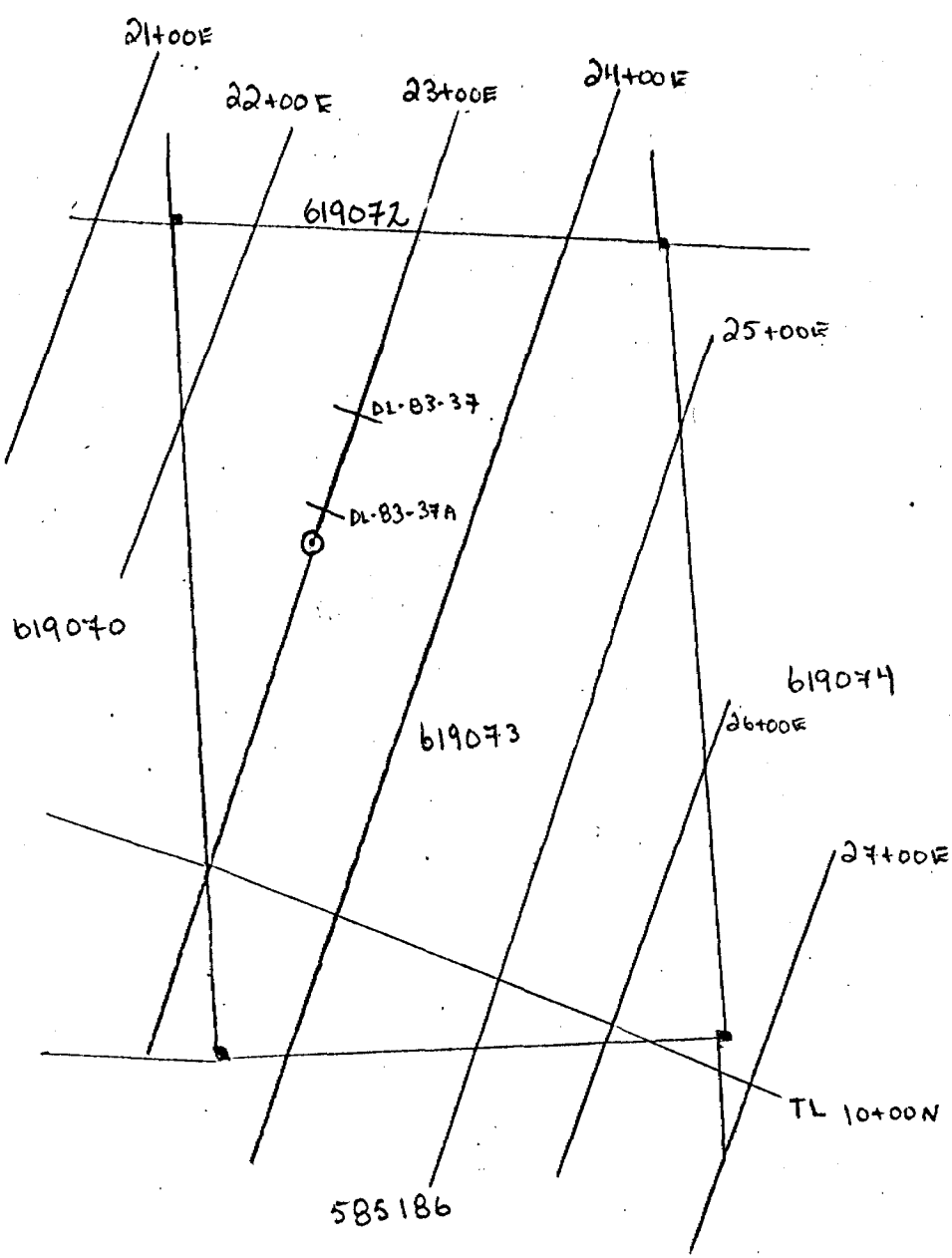
GETTY MINES, LIMITED

Hole Number

DL-82-07

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METERS | | CORE LGTH | ASSAY | | | |
|---------|---------|---|---------------|--------|-------|-----------|----------|----------|----------|----------|
| | | | | FROM | TO | | Au (ppb) | Cu (ppm) | Zn (ppm) | Ag (ppm) |
| | | serpentine and a reddish brown mineral (siderite?). Highly fractured (shear striae) from 51.7 to 62.7 m. Brecciated from 57.8 to 58.1 m. Very minor sulphides. | | | | | | | | |
| 91.5 m | 101.0 m | ULTRAMAFIC METAVOLCANICS (flow) - Medium to dark bluish green in colour. Massive. Finely to medium crystalline. The rock consists of ferromagnesian silicates. Slightly talcose. Presence of tremolite-actinolite and chlorite. Occasional serpentine in fractures. At 97.7 and 99.2 m fractures infilled with quartz-carbonate. Become finer-grained and cherty near the conductive zone. Very weakly magnetic. At 100.8 m rounded inclusions of quartz (1-3 cm). Very minor disseminated po/py near contact with conductive zone. | C-7409 | 91.5 | 93.5 | 2.0 | 1 | 35 | 28 | < 0.5 |
| | | | C-7410 | 93.5 | 95.5 | 2.0 | <1 | 41 | 28 | < 0.5 |
| | | | C-7411 | 95.5 | 97.5 | 2.0 | 1 | 52 | 34 | < 0.5 |
| | | | C-7412 | 97.5 | 99.5 | 2.0 | 1 | 23 | 21 | < 0.5 |
| | | | C-7413 | 99.5 | 100.5 | 1.0 | <1 | 41 | 28 | < 0.5 |
| | | | C-7414 | 100.5 | 101.0 | 0.5 | 19 | 45 | 50 | < 0.5 |
| 101.0 m | 103.2 m | CONDUCTIVE ZONE - Light to medium greenish grey to dark grey in colour. Highly silicified. Presence of chlorite in fractures Laminated (banded) at 60°-75° to C/A. Flowage. Chloritic matrix bulged around an embedded round quartz fragment. Slightly brecciated. Disseminated, lenticular, blebby sulphides. 20 - 25% po/ 2-5% py/cpy :1% (smears). Crw appears to cut across po. | C-7415 | 101.0 | 101.5 | 0.5 | 27 | 910 | 96 | 1.0 |
| | | | C-7416 | 101.5 | 102.0 | 0.5 | 8 | 1600 | 85 | 0.5 |
| | | | C-7417 | 102.0 | 102.5 | 0.5 | 8 | 1600 | 110 | < 0.5 |
| | | | C-7418 | 102.5 | 103.2 | 0.7 | 9 | 1200 | 120 | 0.5 |
| 103.2 m | 114.4 m | MAFIC METAVOLCANICS (ANDESITE/BASALT?) - Dark green to black in colour. Massive. Aphanitic. Microcrystalline. Pyrite infilled hairline fractures. Only slightly magnetic (po?). The rock consists of plagioclase, amphibole, pyroxene. Margin of large intrusive mass. | C-7419 | 103.2 | 103.7 | 0.5 | 1 | 51 | 49 | < 0.5 |
| | | | C-7420 | 103.7 | 104.7 | 1.0 | 1 | 110 | 35 | < 0.5 |
| | | | C-7421 | 104.7 | 105.7 | 1.0 | 2 | 170 | 60 | < 0.5 |
| | | | C-7422 | 105.7 | 106.7 | 1.0 | 5 | 210 | 71 | < 0.5 |
| | | | C-7423 | 106.7 | 107.7 | 1.0 | 30 | 260 | 94 | 0.5 |
| | | | C-7424 | 107.7 | 108.7 | 1.0 | 8 | 210 | 80 | < 0.5 |



| | | |
|-----------------------------|----------------|----------------|
| | DRAWN BY: DCR | DATE: NOV / 85 |
| | CHECKED BY: | DRAW'G No: |
| | NTS: 32 E / 13 | SCALE: 1:5,000 |
| Getty Canadian Metals, Ltd. | | |

GETTY MINES, LIMITED

Hole Number

DL-83-37

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | | |
|-------|-------|---|---------------|--------|--------|-----------|----------|----------|----------|----------|--|
| | | | | FROM | TO | | Au (PPB) | Cu (PPM) | Zn (PPM) | Ag (PPM) | |
| | | - gradational upper and lower contacts. Both contacts are highly chloritized and somewhat coarser-grained than the rocks on either side. | | | | | | | | | |
| | | - there are some irregular quartz-carbonate fractures. | | | | | | | | | |
| | | 83.8-84.1; dirty mudstone or marl unit, light grey-green, soft, fine-grained, non-magnetic. The unit is turbid but some bedding can be seen, oriented 50-60° to CA. This unit may contain some glauconite. Contacts are sharp, 50-60° to CA. | | | | | | | | | |
| | | 84.3; 1mm wide py + cp stringers. | | | | | | | | | |
| 84.8 | 98.9 | ULTRAMAFIC ROCK - as at 39.3-82.1 | 003256 | 86.3 | 86.55 | 0.25 | 22 | 24 | 89 | 0.5 | |
| | | | 57 | 89.05 | 89.30 | 0.25 | 16 | 23 | 73 | 20.5 | |
| | | | 58 | 91.9 | 92.15 | 0.25 | 22 | 14 | 77 | 20.5 | |
| 98.9 | 106.1 | MAFIC Volcanic Rock - as at 82.1-84.8 | 59 | 94.8 | 95.05 | 0.25 | 6 | 18 | 87 | 20.5 | |
| | | | 60 | 97.6 | 97.85 | 0.25 | 22 | 23 | 68 | 20.5 | |
| | | 104.9-106.1; the rock directly above the conductor is highly fractured and impilled with quartz - carbonate veins up to 1cm wide, trending 40-50° to CA. Minor sulfides (1-2% py + py) are present in the veins, as at 105.4. | 003261 | 100.5 | 100.75 | 0.25 | 22 | 8 | 51 | 0.5 | |
| | | | 62 | 104.3 | 104.8 | 0.5 | 22 | 300 | 46 | 0.5 | |
| | | | 63 | 104.8 | 105.3 | 0.5 | 22 | 140 | 71 | 0.5 | |
| | | | 64 | 105.3 | 105.8 | 0.5 | 22 | 260 | 150 | 1.0 | |
| | | | 65 | 105.8 | 106.3 | 0.5 | 22 | 350 | 140 | 1.0 | |
| 106.1 | 110.3 | CONDUCTIVE ZONE - cherty, sulfide-bearing, metasedimentary rock. - alternating dark grey/white bands, fine-grained, hard, the chert is non-magnetic. - the metasediment is magnetic. - poorly expressed bedding at 30-40° to CA. - gradational upper and lower contacts. | 003266 | 106.3 | 106.8 | 0.5 | 9 | 1600 | 110 | 1.0 | |
| | | | 67 | 106.8 | 107.3 | 0.5 | 7 | 1800 | 190 | 1.0 | |
| | | | 68 | 107.3 | 107.8 | 0.5 | 11 | 2300 | 210 | 1.0 | |
| | | | 69 | 107.8 | 108.3 | 0.5 | 3 | 1000 | 110 | 1.0 | |
| | | | 70 | 108.3 | 108.8 | 0.5 | 5 | 2000 | 87 | 1.0 | |
| | | | 71 | 108.8 | 109.3 | 0.5 | 8 | 2200 | 180 | 1.0 | |
| | | | 72 | 109.3 | 109.8 | 0.5 | 3 | 1100 | 220 | 1.0 | |
| | | | 73 | 109.8 | 110.3 | 0.5 | 6 | 3600 | 66 | 0.5 | |

GETTY MINES, LIMITED

Hole Number

DL-83-37

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|-------|-------|---|---------------|--------|--------|-----------|----------|----------|----------|----------|
| | | | | FROM | TO | | AU (PPB) | CU (PPM) | Zn (PPM) | AG (PPM) |
| | | - 20-25% po; disseminated, stringers, and semi-massive. | | | | | | | | |
| | | - 2-3% py; disseminated | | | | | | | | |
| | | - there are some quartz-carbonate stringers towards the lower contact, as at 110.2. | | | | | | | | |
| | | - sulfide concentration decreases to 5-10% toward lower contact. | | | | | | | | |
| | | 106.1-106.2; 10 cm. wide chert band with no sulfides. | | | | | | | | |
| | | 108.5-108.7; 20 cm. wide chert band with 20% po. sharp upper and lower contacts 90° to CA (possibly a quartz vein?). | | | | | | | | |
| 110.3 | 119.9 | BLACK ARGILLITE / INTERMEDIATE ASH TUFF | 003274 | 110.3 | 110.8 | 0.5 | 42 | 170 | 43 | 0.5 |
| | | - alternating units of dark-grey/black argillite and grey-green ash tuff. | 75 | 110.8 | 111.3 | 0.5 | 5 | 700 | 44 | 1.5 |
| | | - fine-grained, hard, non-magnetic. | 76 | 111.3 | 111.8 | 0.5 | 42 | 220 | 85 | 1.0 |
| | | - siliceous | 77 | 114.4 | 114.65 | 0.25 | 42 | 570 | 67 | 0.5 |
| | | - siliceous layering at 60° to CA. | 78 | 117.2 | 117.45 | 0.25 | 42 | 97 | 32 | 40.5 |
| | | - chlorite alteration more evident in tuff units where dark-green chlorite bands (1mm to 5mm wide) occur concordant with layering | | | | | | | | |
| | | - 2-3% po+py throughout | | | | | | | | |
| | | - gradational upper and lower contacts. | | | | | | | | |
| 119.9 | 135.5 | MAFIC-INTERMEDIATE Volcanic Rock | 003279 | 119.8 | 120.05 | 0.25 | 42 | 180 | 26 | 40.5 |
| | | - grey to grey-green, medium-grained, hard, basally magmatic. | 80 | 120.05 | 120.55 | 0.5 | 42 | 190 | 25 | 40.5 |
| | | - siliceous in places | 81 | 122.65 | 122.9 | 0.25 | 42 | 98 | 16 | 40.5 |
| | | - 3-4% po, disseminated and veined, as at 124.5; 1% py, disseminated. | 82 | 125.0 | 125.5 | 0.5 | 42 | 61 | 53 | 40.5 |
| | | - there is quartz, chlorite, and sulfide infilling of fractures, as at 120.4 | 83 | 125.6 | 125.85 | 0.25 | 11 | 99 | 73 | 0.5 |
| | | - upper and lower contacts are gradational. | 84 | 128.5 | 128.75 | 0.25 | 42 | 450 | 29 | 40.5 |
| | | | 85 | 131.3 | 131.55 | 0.25 | 4 | 270 | 57 | 40.5 |
| | | | 86 | 134.3 | 134.55 | 0.25 | 7 | 450 | 110 | 0.5 |

GETTY MINES, LIMITED

Hole Number

DL-83-37

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|-------|-------|--|--------------------------------------|--|--|--|---------------------------------|---------------------------------------|---|--|
| | | | | FROM | TO | | AU (PPB) | CU (PPM) | Zn (PPM) | Ag (PPM) |
| | | 125.1-126.5 ; fractures 1mm to several cm wide develop impilled with aluminosilicate. Aluminosilicate concentrations decrease away from these fractures for up to 10cm, where they appear as whitish, minute specks. From 125.8 - 126.1 is an area where aluminosilicate concentration is 50-60%, with 15-20% chlorite in 1-2 cm bands. 4-5% quartz is present, as well as 5-10% mafic minerals. | | | | | | | | |
| 135.5 | 140.2 | FELDSPAR CRYSTAL TUFF - light grey-green, medium to coarse-grained, hard, locally magnetic, massive. - large feldspar crystals make up 40% of the rock. - siliceous - there are a few 1-2 mm wide carbonate stringers. - 1% po + py throughout. - tuffaceous layering 40° to CA. - there is a preferred orientation of prismatic, mafic minerals (amphiboles?) parallel to the layering. they make up 10% of the rock. - chlorite stringers (1-2 mm wide) concordant with layering are present. - upper and lower contacts are gradational. | D03287 88 | 137.1 140.0 | 137.35 140.25 | 0.25 0.25 | 6 5 | 280 160 | 55 220 | 0.5 1.0 |
| 140.2 | 152.2 | MAFIC - INTERMEDIATE TUFF - grey-green, hard, massive, locally magnetic, fine to medium-grained. - tuffaceous layering at 50° to CA. - 1-2% py + po, except in some areas where concentration is increased to 15-20%, as at 141.7-142.1 - upper and lower contacts gradational. | D03289 90 91 92 93 94 | 141.6 142.8 145.6 147.7 148.5 151.5 | 142.1 143.05 145.85 148.2 148.75 151.75 | 0.5 0.25 0.25 0.5 0.25 0.25 | 26 5 42 42 42 42 | 680 230 160 270 530 43 | 1100 220 140 250 370 120 | 1.5 1.0 1.0 0.5 0.5 0.5 |

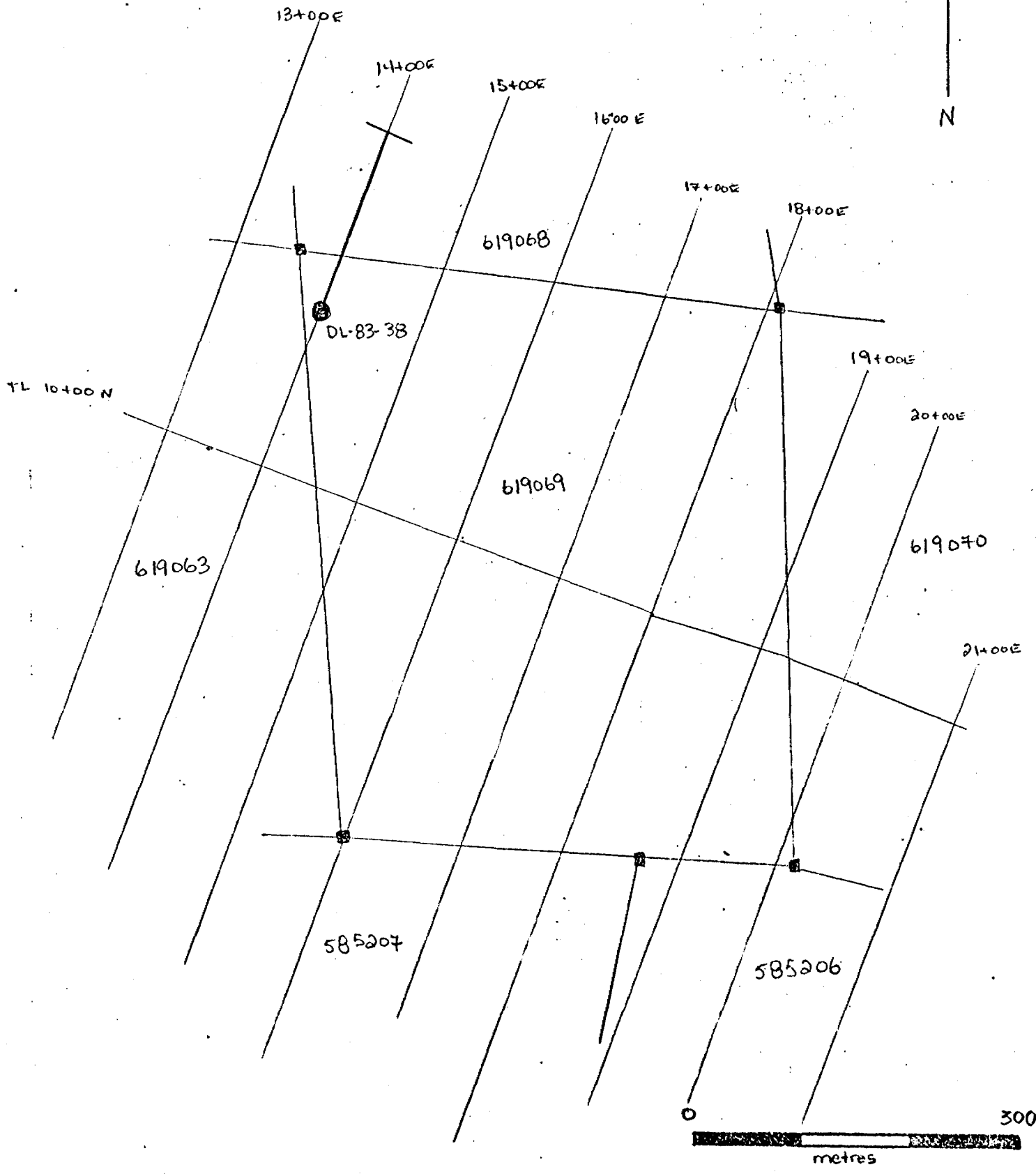
GETTY MINES, LIMITED

Hole Number

DL-83-37

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|-------|-------|---|---------------|--------|-------|-----------|----------|----------|----------|----------|
| | | | | FROM | TO | | AU (PPB) | Cu (PPM) | Zn (PPM) | Ag (PPM) |
| | | 141.1 - 141.4 ; blocky core | | | | | | | | |
| | | 141.4 - 141.7 ; zone showing specks of aluminosilicate and 20% blebs of chlorite 5mm in diameter. Upper contact with mafic-intermediate tuff is gradational, but lower contact with feldspar/aluminosilicate/sulfide unit is sharp, 50° to CA. | | | | | | | | |
| | | 141.7 - 142.1 ; feldspar/aluminosilicate/sulfide zone, as at 125.8 - 126.1 except the feldspar concentration is higher and 15% stringer po and 1-2% disseminated py is present. The upper contact is sharp @ 50° to CA; the lower contact is gradational. | | | | | | | | |
| | | 147.0 - 147.2 ; 10-15% euhedral, hexagonal aluminosilicate crystals (staurolite ?) up to 5mm in diameter. | | | | | | | | |
| | | 147.2 - 147.6 ; silicified zone with 3-4% stringer po. | | | | | | | | |
| | | 147.6 - 147.8, 148.2, 148.3, 148.5, 148.9, 149.1 ; aluminosilicate crystals, as at 147.0 - 147.2 | | | | | | | | |
| | | 147.9 ; fracture infilled with cp + po. | | | | | | | | |
| | | 151.7 ; 1cm wide garnet aggregate in quartz. | | | | | | | | |
| 152.2 | 153.8 | Amphibolite / Amphibolitized Mafic Volcanic Rock - dark-grey, massive, medium hardness, medium to coarse-grained, non-magnetic - amphiboles make up 25-30% of the rock; they show a preferred orientation or foliation at 50° to CA. - the preferred orientation implies an extrusive flow origin, however, the upper and lower contacts are sharp, oriented 80-85° to CA, so the unit may be intrusive. | D03295 | 153.3 | 153.8 | 0.5 | 6 | 90 | 110 | 1.0 |



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|-----------------------------|---------------|---------------|
| | DRAWN BY: BCR | DATE: NOV 83 |
| | CHECK'D BY: | DRAWN NO: |
| | NTS: 30/113 | SCALE: 1:5000 |
| Getty Canadian Metals, Ltd. | | |

GETTY MINES, LIMITED

Hole Number

DL-83-38

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|------|------|--|--|---|--|--|--|---|--|--|
| | | | | FROM | TO | | AU (PPG) | Cu (PPM) | Zn (PPM) | Ag (PPM) |
| | | in carbonate veins with pyrrhotite. - the rock is carbonatized, especially along fracture surfaces. - pyrrhotite and pyrite are restricted to fracture surfaces, and never exceed 1-2% concentration. - carbonate veins and stringers oriented 40° to CA. | | | | | | | | |
| 42.4 | 63.0 | MAFIC Volcanic Rock - grey to grey-green, medium-grained, medium hardness, massive, weakly magnetic to non-magnetic. - the upper contact with ultramafic rock is gradational. the lower contact with the conductive zone is fairly sharp at 50° to CA. - at least 80 cm. of core lost from 44.0 to 44.8 - there are some coarse mafic minerals in some areas, but most of the unit is fine to medium-grained - sulfides are fracture-controlled and never exceed 1% concentration, to about 57.0; at which point they cease to be fracture-controlled and become disseminated throughout the rock. It is primarily 2-3% pyrrhotite with very little pyrite. - carbonatized, especially along fracture surfaces. - chlorite in - carbonate stringers are oriented 30°-40° to CA, although some are at 90° to CA, as at 48.1 - some fracture surfaces have a gray, talcy feel, as at 48.1 - the rock is siliceous in places as at 58.5 | 003317 003318 003319 003320 003321 003322 003323 003324 | 42.7 45.4 48.5 51.0 53.9 56.9 59.75 62.6 | 42.95 45.65 48.75 51.25 53.15 57.15 60.0 63.1 | 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.50 | 42 42 42 42 42 42 42 42 | 92 110 22 7 17 150 5.5 190 | 34 36 19 19 16 23 20 48 | 1.0 0.5 0.5 0.5 0.5 0.5 0.5 1.0 |

GETTY MINES, LIMITED

Hole Number DL-83-38

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|------|------|---|----------------------------|----------------------|------------------------|----------------------|--------------|--------------------|----------------|-------------------|
| | | | | FROM | TO | | AU (PPM) | CU (PPM) | Zn (PPM) | Ag (PPM) |
| | | - 1% pyrrhotite + pyrite, disseminated throughout - chloritized - minor quartz - carbonate stringers, oriented 10°-30° to CA - gradational upper and lower contacts. | | | | | | | | |
| 74.5 | 80.6 | MAFIC TUFF - dark grey-green, medium hardness, fine to medium-grained, locally magnetic. - tuffaceous layering oriented 30°-40° to CA. - up to 30% aluminosilicate in some places. This mineral forms grainy, pink aggregates up to 5mm in diameter - most of these are anhedral, but some large grains have a cubic or hexagonal habit, as at 78.6. - some anhedral garnet occurs, as at 75.0 - chloritized - 1% disseminated pyrrhotite + pyrite - minor amounts of carbonate alteration, especially along fracture surfaces. - gradational upper and lower contacts. | 003344 003345 003346 | 76.2 78.2 79.0 | 76.45 78.7 79.25 | 0.25 0.50 0.25 | 2 3 2 | 350 500 370 | 69 98 71 | 1.0 1.0 1.0 |
| 80.6 | 83.0 | MAFIC Volcanic Flow / MAFIC TUFF - dark grey-green, locally magnetic, massive, fine to medium-grained, medium hardness - tuffaceous layering oriented 40° to CA. - some minor occurrences of aluminosilicate, as at 82.4. - 1-2% pyrrhotite + pyrite. - gradational upper and lower contacts. | 003347 | 82.15 | 82.4 | 0.25 | 17 | 830 | 110 | 1.5 |
| 83.0 | 93.0 | ULTRAMAFIC ROCK - as at 88.5 - 92.4 | 003348 003349 003350 | 83.8 84.7 86.7 | 84.3 84.95 86.95 | 0.50 0.25 0.25 | 38 4 2 | 1300 280 230 | 88 70 49 | 2.0 1.0 1.0 |

GETTY MINES, LIMITED

Hole Number 01-83-38

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|-------|-------|--|---------------|--------|--------|-----------|----------|----------|----------|----------|
| | | | | FROM | TO | | AU (PPM) | CU (PPM) | ZN (PPM) | PB (PPM) |
| 93.0 | 100.2 | MAFIC Volcanic Flow / mafic Tuff - as at 80.6-83.0 - 99.7-99.8; quartz veins with chlorite. | D03351 | 90.3 | 90.55 | 0.25 | 42 | 250 | 51 | 1.0 |
| | | | D03352 | 93.1 | 93.35 | 0.25 | 42 | 120 | 32 | 1.0 |
| | | | D03353 | 96.0 | 96.25 | 0.25 | 42 | 180 | 62 | 1.0 |
| | | | D03354 | 98.95 | 99.20 | 0.25 | 21 | 490 | 77 | 1.0 |
| 100.2 | 105.3 | INTERMEDIATE Tuff - light grey-green, fine-grained, locally weakly magnetic, hard, massive. - tuffaceous layering oriented 40°-50° to CA. - chloritized - upper and lower contacts gradational. - 1% pyrrhotite + pyrite. | D03355 | 101.8 | 102.05 | 0.25 | 9 | 410 | 35 | 1.0 |
| | | | D03356 | 104.15 | 104.4 | 0.25 | 5 | 360 | 34 | 1.0 |
| 105.3 | 106.8 | Siliceous greywacke / siltstone - light grey, hard, non-magnetic, massive, fine to medium-grained. - bedding 60° to CA. - there is some clastic material, as at 106.2, oriented parallel to bedding. - there is a small area of aluminosilicate-rich rock at 105.9-106.0. This may be a thin mafic volcanic flow. - bands of chlorite, up to 1 cm thick, occur throughout. - 1-2% pyrrhotite + pyrite. - upper contact is fairly sharp, 85° to CA; - lower contact is gradational. | D03357 | 106.0 | 106.5 | 0.50 | 2 | 120 | 71 | 1.0 |
| 106.8 | 120.5 | MAFIC Volcanic - as at 72.4-83.0 - the unit becomes somewhat coarser-grained from around 117.0 to 120.4. - blocky core from 107.6-108.2, 111.7-112.0. 113.4, 114.1; healed fractures with quartz-carbonate and garnet infilling. | D03358 | 107.2 | 107.45 | 0.25 | 42 | 170 | 190 | 1.0 |
| | | | D03359 | 110.0 | 110.25 | 0.25 | 42 | 110 | 120 | 1.0 |
| | | | D03360 | 112.8 | 113.05 | 0.25 | 42 | 110 | 72 | 1.0 |
| | | | D03361 | 115.6 | 115.85 | 0.25 | 42 | 130 | 73 | 1.0 |
| | | | D03362 | 118.6 | 118.85 | 0.25 | 4 | 210 | 29 | 1.0 |

GETTY MINES, LIMITED

Hole Number

DL-83-38

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | | |
|-------|-------|--|------------------|----------------|------------------|--------------|----------|------------|-----------|------------|--|
| | | | | FROM | TO | | AU (PPM) | Cu (PPM) | Zn (PPM) | Pb (PPM) | |
| | | 116.8-116.9; healed fracture zone infilled with quartz-carbonate and chlorite. | | | | | | | | | |
| 120.5 | 121.2 | Siliceous Greywacke / Siltstone - with aluminosilicates, as at 105.3-106.8 - sharp upper contact, oriented 40°-50° to CA. | D03363 | 120.5 | 121.0 | 0.5 | 12 | 370 | 80 | 1.0 | |
| 121.2 | 123.2 | MAFIC TUFF - dark grey-green, non-magnetic, medium hardness, medium-grained, massive. - tuffaceous layering oriented 50°-60° to CA. | D03364 | 121.4 | 121.65 | 0.25 | 22 | 170 | 72 | 1.0 | |
| 123.2 | 125.9 | Siliceous Greywacke / Siltstone - as at 105.3-106.8 - bedding 60° to CA. | D03397 | 124.2 | 124.45 | 0.25 | 14 | 920 | 65 | 1.5 | |
| 125.9 | 131.7 | MAFIC TUFF - grey-green, massive, locally magnetic, medium hardness, medium-grained (lapilli size). - 10cm of aluminosilicate material at 127.60-127.7. - tuffaceous layering at 50° to CA. - 1% pyrrhotite + pyrite. - minor quartz-carbonate stringers, randomly oriented. - some turbid areas, as at 130.0 - some 5mm chlorite bands conformable with tuffaceous layering. - gradational upper and lower contacts. 130.1-130.5; blocky core. | D03398 D03399 | 127.0 129.8 | 127.25 130.05 | 0.25 0.25 | 13 33 | 370 740 | 120 26 | 1.0 1.5 | |
| 131.7 | 133.7 | INTERMEDIATE TUFF - light grey, medium-grained (lapilli) | D03400 | 132.45 | 132.70 | 0.25 | 22 | 160 | 29 | 0.5 | |

GETTY MINES, LIMITED

Hole Number

DL-83-38

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|-------|-------|--|---------------|--------|--------|-----------|----------|----------|----------|----------|
| | | | | FROM | TO | | Au (PPB) | Cu (PPM) | Zn (PPM) | Pb (PPM) |
| | | size), medium hardness, massive, magnetic. - tuffaceous layering at 50° to CA. - gradational upper and lower contacts. 132.9-133.2: MAFIC SILL - grey-green, fine-grained at the contacts, medium to coarse-grained towards the center, hard, massive, non-magnetic. - upper and lower contacts sharp at 60° to CA. | | | | | | | | |
| 133.7 | 138.1 | MAFIC VOLCANIC - grey-green, fine to medium-grained, medium hardness, massive, locally magnetic. - upper contact gradational, lower contact sharp at 60° to CA. - ~1% pyrrhotite + pyrite, disseminated. - randomly oriented quartz-carbonate stringers 137.1: 5cm quartz-carbonate vein infilled with pyrrhotite and pyrite. | D03401 | 135.3 | 135.55 | 0.25 | 42 | 62 | 26 | 0.5 |
| 138.1 | 139.4 | DIRTY SILTSTONE - grey, hard, medium-grained, non-magnetic, massive. - sharp upper and lower contacts, 40° to CA. - rounded plagioclase crystals (1mm in diameter), biotite, and chlorite grains oriented parallel to bedding. - bedding 40° to CA. - minor quartz-carbonate stringers, oriented 30°-40° to CA. - 3-4% pyrite. | D03402 | 138.1 | 138.35 | 0.25 | 42 | 75 | 58 | 1.0 |
| 139.4 | 142.1 | MAFIC VOLCANIC - as at 133.7-138.1, except this has 4-5% pyrite. 140.2: 2cm quartz-carbonate vein, 85-90° to CA. | D03403 | 141.1 | 141.35 | 0.25 | 3 | 190 | 17 | 0.5 |

GETTY MINES, LIMITED

Hole Number

DL-83-38

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|-------|-------|--|--|--|--|--|--|--|---|--|
| | | | | FROM | TO | | AU (PPB) | Cu (PPM) | Zn (PPM) | Ag (PPM) |
| 165.0 | 165.9 | ULTRAMAFIC ROCK - dark-grey, medium to coarse-grained, soft to medium hard, massive, magnetic. - this unit has a foliation oriented 40°-50° to CA. - gradational upper and lower contacts. - no quartz or feldspar - up to 15% magnetite. - minor quartz-carbonate stringers oriented 40° to CA. - chloritoid - < 1% pyrrhotite and pyrite | | | | | | | | |
| 165.9 | 168.4 | Amphibolite - as at 144.7 - 161.8 | D03413 D03414 | 166.4 168.1 | 166.65 168.6 | 0.25 0.50 | 22 22 | 2.5 9 | 62 51 | 1.0 1.0 |
| 168.4 | 201.2 | ULTRAMAFIC ROCK - as at 165.0 - 165.9, except this unit is not foliated. - the upper contact is marked by an intensely sheared zone, possibly fault gouge, 10cm wide. - there is some hematite staining along fracture surfaces. - there is some carbonate on fracture surfaces - there is a small amount of serpentine, especially along fracture surfaces, as at 174.5. 172.9: 3 cm wide fracture zone, oriented 20°-30° to CA. 174.5; the unit becomes somewhat finer-grained. 184.6 - 184.7; carbonate + chlorite vein. | D03415 D03416 D03417 D03418 D03419 D03420 D03421 D03422 D03423 D03443 D03444 D03445 | 169.2 171.05 175.0 177.95 180.8 183.75 184.1 186.7 189.55 192.5 195.4 198.2 | 169.45 172.3 172.25 178.20 181.05 184.0 184.9 186.95 189.8 192.75 195.65 196.45 | 0.25 0.25 0.25 0.25 0.25 0.25 0.50 0.25 0.25 0.25 0.25 0.25 | 22 22 22 22 22 22 22 22 22 22 22 22 | 28 12 36 7.5 23 33 49 87 8.5 25 27 30 | 17 50 66 81 110 100 110 170 87 120 110 110 | 1.0 0.5 0.5 0.5 0.5 0.5 1.0 0.5 0.5 0.5 0.5 0.5 |

GETTY MINES, LIMITED

Hole Number

DL-83-38

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|-------|-------|--|--|--|---|--|---|--|---|--|
| | | | | FROM | TO | | Au (ppm) | Cu (ppm) | Zn (ppm) | Pb (ppm) |
| 201.2 | 202.0 | Diorite Dyke - hard, light to dark grey, medium to coarse-grained, massive, slightly magnetic. - contains large blebs of biotite and/or hornblende, quartz, pyroxene, plagioclase, and a small amount of magnetite. - sharp upper and lower contacts, 80°-90° to CA. The contacts are marked by 4cm wide alteration zones. | 003446 | 201.1 | 201.35 | 0.25 | 42 | 36 | 120 | 0.5 |
| 202.0 | 203.1 | ULTRAMAFIC ROCK - as at 168.4 - 201.2 | | | | | | | | |
| 203.1 | 213.2 | MAFIC VOLCANIC ROCK - grey-green, medium hardness, massive, non-magnetic, medium-grained. - gradational upper and lower contacts. - 1% pyrite. - minor quartz-carbonate stringers, randomly oriented. - chloritized. - the sulfide concentration increases to 2-3% pyrrhotite + pyrite towards the conductive zone. - the unit becomes weakly magnetic towards the conductive zone. | 003447 003448 003449 003450 | 201.0 206.95 209.9 212.5 | 201.25 207.2 210.15 213.0 | 0.25 0.25 0.25 0.50 | 42 42 42 42 | 10 53 25 79 | 18 30 14 27 | 40.5 40.5 40.5 0.5 |
| 213.2 | 217.4 | CONDUCTIVE ZONE - cherty, sulfide-bearing, argillaceous meta-sedimentary rock. - 35-40% black, argillaceous meta-sediment, 30-35% pyrrhotite, 20-25% chert, 4-5% pyrite, 1% chalcopyrite. - sulfides are disseminated, stringers, and | 003451 003452 003453 003454 003455 003456 003457 003458 | 213.0 213.5 214.0 214.5 215.0 215.5 216.0 216.5 | 213.5 214.0 214.5 215.0 215.5 216.0 217.0 | 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50 | 5 8 20 9 7 9 39 51 | 500 1000 1100 1000 500 2000 4200 3500 | 120 170 54 210 820 410 310 540 | 1.0 1.0 1.0 1.0 1.0 1.0 2.0 2.0 |

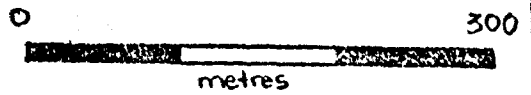
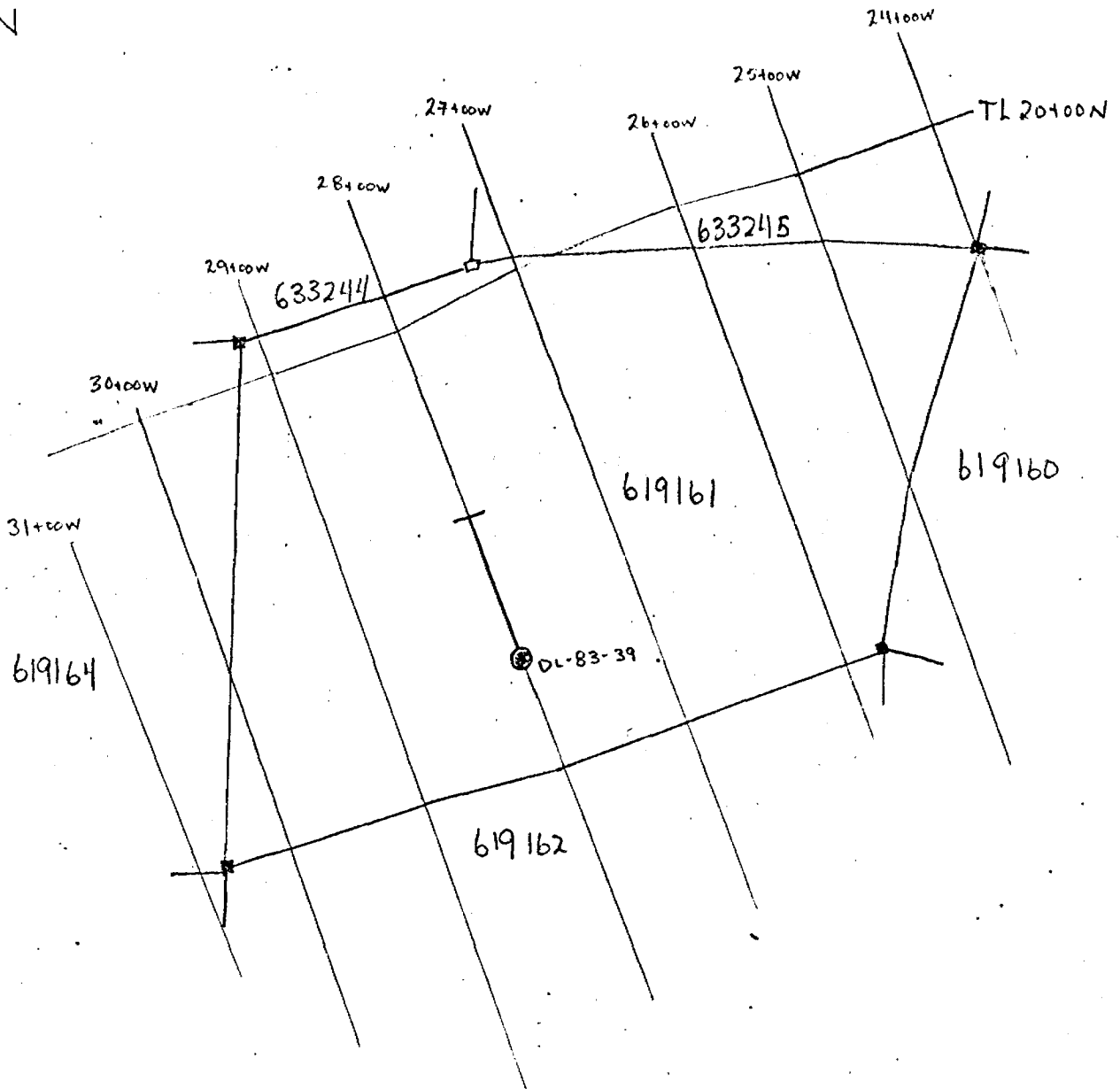
GETTY MINES, LIMITED

Hole Number

DL-83-38

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|-------|-------|---|--------------------------------------|----------------------------------|--------------------------------------|------------------------------|-------------------|--------------------------|-----------------------|--------------------------|
| | | | | FROM | TO | | Au (ppm) | Cu (ppm) | Zn (ppm) | Pb (ppm) |
| | | semi-massive. - bedding oriented 60° to CA. - soft sediment deformation throughout - moderate conductor - gradational upper and lower contacts. | 003459 | 217.0 | 217.5 | 0.5 | 22 | 1300 | 190 | 1.0 |
| 217.4 | 220.9 | Mafic TUFF - grey-green, hard, magnetic, massive, fine to medium-grained. - tuffaceous layering 50° to CA - 10-13% pyroxhite, 2-3% pyrite. - gradational upper contact, sharp lower contact oriented 90° to CA. - small, randomly oriented fractures, infilled with sulfides and bleached on either side occur locally, as at 119.2. | 003460 003461 | 217.5 218.7 | 218.0 218.95 | 0.5 0.25 | 5 4 | 220 480 | 98 97 | 0.5 1.0 |
| 220.9 | 222.9 | Feldspar Porphyry DYKE - grey with white phenocrysts; hard, non-magnetic, porphyritic, massive. - contains up to 60% feldspar phenocrysts. - 1-2% disseminated sulfides. - sharp upper and lower contacts, oriented 90° to CA. | 003462 | 221.8 | 222.05 | 0.25 | 42 | 18 | 52 | 0.5 |
| 222.9 | 236.5 | MAFIC TUFF - grey-green, hard, fine to medium-grained, massive, magnetic. - silicified - 3-4% pyroxhite, disseminated and lined; - 1% pyrite. - chloritized - the unit seems to get progressively finer - | 003463 003464 003465 003466 | 225.0 227.8 230.7 233.6 | 225.25 228.05 230.95 233.85 | 0.25 0.25 0.25 0.25 | 3 13 5 4 | 250 480 460 340 | 23 180 30 36 | 0.5 1.0 1.0 1.0 |



| | | |
|-----------------------------|---------------|---------------|
| | DRAWN BY: DCB | DATE: DEC 83 |
| | CHECK'D BY: | DRAW'G No: |
| | NTS 30 E 115 | SCALE 1:5,000 |
| Getty Canadian Metals, Ltd. | | |

GETTY MINES, LIMITED

Hole Number DL-83-39

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|------|------|---|---------------|--------|-------|-----------|----------|----------|----------|----------|
| | | | | FROM | TO | | Au (PPB) | Cu (PPM) | Zn (PPM) | Ag (PPM) |
| | | concentration increases to 2-3% towards conductive zone. | | | | | | | | |
| | | - Chert-rich, especially along fracture surfaces. | | | | | | | | |
| | | 67.4-68.5 : medium-grained. | | | | | | | | |
| | | 68.5-72.1 : finer-grained. | | | | | | | | |
| 72.1 | 73.2 | CONDUCTIVE ZONE | D03512 | 72.1 | 72.6 | 0.50 | 5 | 650 | 45.0 | 1.0 |
| | | - cherty, sulfide-bearing, metasedimentary rock with 15-20% pyrrhotite, 1-2% pyrite, and < 1% chalcopyrite. | 3513 | 72.6 | 73.1 | 0.50 | 3 | 1600 | 71.0 | 0.5 |
| | | - light grey, hard, fine to medium-grained, magnetic. | 3514 | 73.1 | 73.6 | 0.50 | <2 | 700 | 58.0 | 1.0 |
| | | - 60-70% metasedimentary material, 15-20% sulfides, 15-20% chert. | | | | | | | | |
| | | - banded, with bands oriented 60° to CA. | | | | | | | | |
| | | - there is some evidence of soft-sediment deformation, as at 72.4. | | | | | | | | |
| | | - the sulfides are disseminated and stringer-type. | | | | | | | | |
| | | - this is a weak to moderate conductor. | | | | | | | | |
| | | - upper and lower contacts are fairly sharp, oriented 60° to CA. | | | | | | | | |
| 73.2 | 83.0 | MAFIC VOLCANIC ROCK | D03515 | 75.5 | 75.75 | 0.25 | 25 | 1100 | 48.0 | 1.0 |
| | | - as at 66.2-72.1 | 3516 | 78.3 | 78.55 | 0.25 | <2 | 170 | 61.0 | 0.5 |
| | | 75.3-78.1 : a coarser-grained volcanic flow with 8-10% pyrrhotite + pyrite. | 3517 | 81.0 | 81.5 | 0.50 | <2 | 710 | 22.0 | <0.5 |
| 83.0 | 93.1 | EPICLASTIC METASEDIMENT | D03518 | 83.5 | 84.0 | 0.50 | 11 | 860 | 71.0 | 1.0 |
| | | - light grey, hard, fine to medium-grained, non-magnetic to weakly magnetic. | 3519 | 84.0 | 84.5 | 0.50 | 14 | 970 | 39.0 | 1.0 |
| | | - banded in places. The bands are generally biotite or chlorite, up to 1 cm wide, oriented 60° to CA. | 3520 | 87.0 | 87.25 | 0.25 | <2 | 14.0 | 27.0 | <0.5 |
| | | | 3521 | 89.8 | 90.05 | 0.25 | <2 | 82.0 | 44.0 | 0.5 |
| | | | 3522 | 92.9 | 93.15 | 0.25 | 4 | 150 | 28.0 | 0.5 |

GETTY MINES, LIMITED

Hole Number DL-83-39

DRILL HOLE LOG

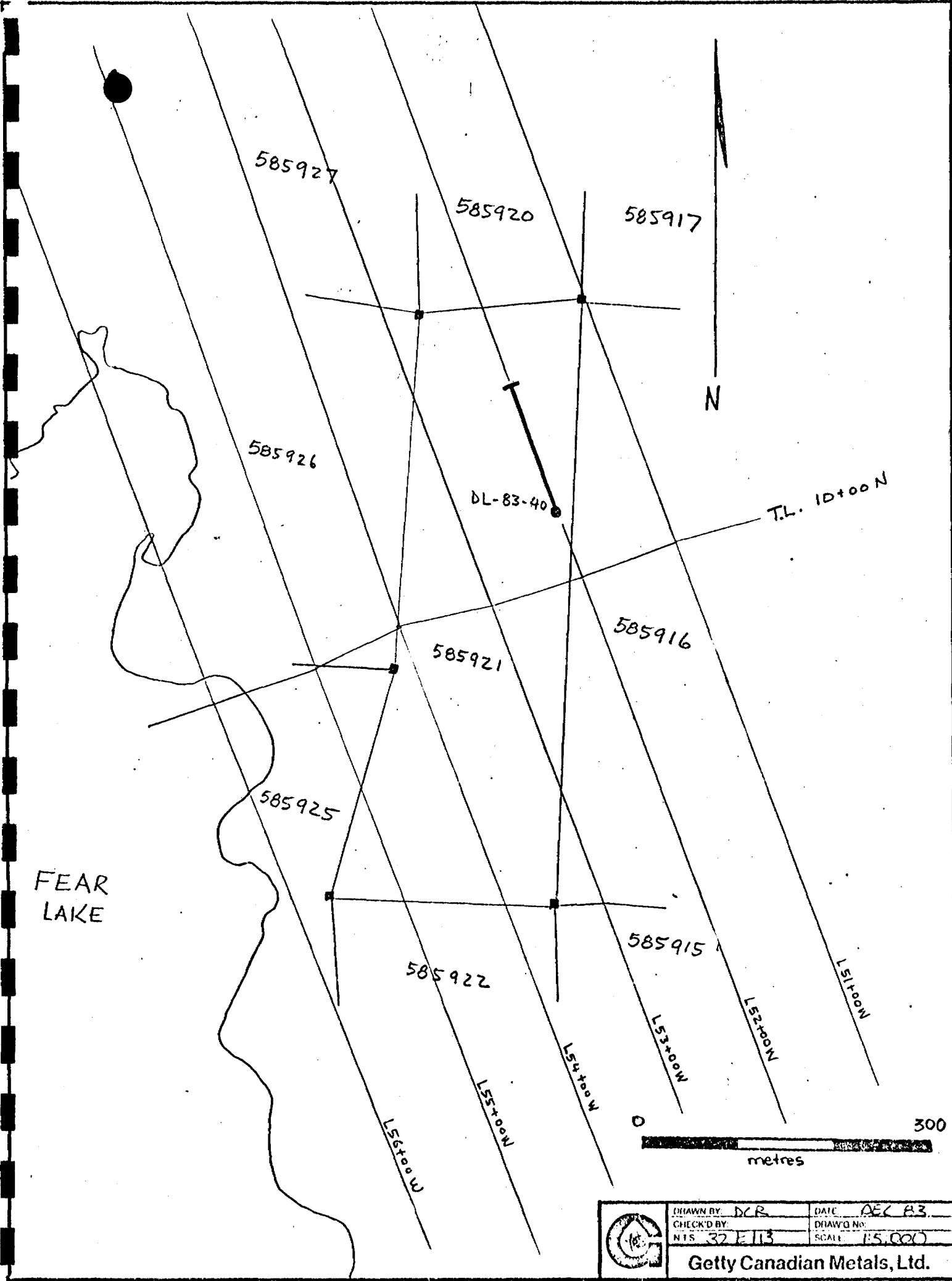
| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|------|------|--|---------------|--------|-------|-----------|----------|----------|----------|----------|
| | | | | FROM | TO | | AU (PPB) | CU (PPM) | Zn (PPM) | Ag (PPB) |
| | | - gradational upper and lower contacts - 2-3% pyrrhotite + pyrite, except in cherty units where sulfide concentration increases to 8-10%. - thin quartz-carbonate stringers, some oriented 40° to CA, but most randomly oriented. Some of these are infilled with pyrite. | | | | | | | | |
| | | 83.6 - 84.5 : chert-carbonate unit. This unit is 20-25% chert, 20-25% carbonate, 40-50% argillaceous metasediment, 5% pyrite, and 2-3% pyrrhotite. Upper and lower contacts are conformable at 60° to CA, with bedding also at 60° to CA. | | | | | | | | |
| | | 85.6 - 89.1 : an area where aluminosilicate makes up 4-5% of the rock. This is a grainy aggregate, pink, generally anhedral (although a few crystals appear roughly cubic), usually 1-2 mm in diameter. Some garnet is also present. | | | | | | | | |
| 93.1 | 95.7 | MAFIC TUFF - grey-green, hard, fine to medium-grained, magnetic, massive. - partially silicified. - lappaceous layering 40° to CA. - 1-2 cm quartz veins at 93.5 and 94.8 - 2-3% pyrrhotite + pyrite generally concentrated along fractures infilled with carbonate. - upper and lower contacts gradational. | 003523 | 95.7 | 95.95 | 0.25 | 42 | 86.0 | 29.0 | 40.5 |

GETTY MINES, LIMITED

Hole Number DL-83-39

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | | |
|-------|-------|--|--|--|--|--------------------------------------|-----------------------|-------------------------------------|--------------------------------------|---------------------------------|--|
| | | | | FROM | TO | | AU (PPM) | CU (PPM) | Zn (PPM) | Ag (PPM) | |
| | | associated with it. 127.4 - 128.6 ; chert bed | | | | | | | | | |
| 128.9 | 143.0 | MAFIC TUFF - grey-green, hard, non-magnetic, medium-grained. - tuffaceous layering oriented 55°-60° to CA - abundant fractures (1mm to 1cm wide) unfilled with quartz-carbonate, these are randomly oriented. - chlorite - rich - 1% pyroxenite + pyrite. | 003542 3543 3544 3545 3546 | 130.2 133.15 136.1 139.0 141.8 | 130.45 133.40 136.35 139.25 142.05 | 0.25 0.25 0.25 0.25 0.25 | 3 4 7 4 8 | 120. 86.0 170. 110. 270 | 16.0 16.0 14.0 25.0 14.0 | 0.5 0.5 0.5 0.5 0.5 | |
| 143.0 | 153.0 | AMPHIBOLITE - dark grey-green, hard, non-magnetic, medium to coarse-grained, massive. - up to 30% amphibole; the remaining 70% is made up almost entirely of plagioclase, with some chlorite, hornblende, and biotite. - the amphiboles have a preferred orientation (foliation) oriented 40°-50° to CA. - gradational upper and lower contacts. | 003547 003548 3549 | 144.75 147.7 150.55 | 145.0 147.95 150.8 | 0.25 0.25 0.25 | 9 4 4 | 560 130. 130. | 50.0 11.0 17.0 | 1.0 0.5 0.5 | |
| 153.0 | 156.1 | MAFIC Volcanic Rock - as at 95.7 - 114.1, except this unit is not silicified. | 003550 | 153.5 | 153.75 | 0.25 | 3 | 110. | 15.0 | 0.5 | |
| 156.1 | 157.5 | AMPHIBOLITE - as at 143.0 - 153.0. | 003551 | 156.25 | 156.50 | 0.25 | 4 | 120 | 18.0 | 0.5 | |
| 157.5 | 163.7 | MAFIC Volcanic Rock - as at 153.0 - 156.1 - this unit has a number of quartz veins | 003552 3553 | 159.3 161.95 | 159.55 162.20 | 0.25 0.25 | 8 3 | 320 140. | 16.0 38.0 | 0.5 0.5 | |



585927

585920

585917

585926

DL-83-40

T.L. 10+00 N

585921

585916

585925

FEAR LAKE

585922

585915

L56+00 W

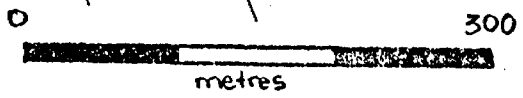
L55+00 N

L54+00 W

L53+00 W

L52+00 N

L51+00 N



| | | |
|------------------------------------|--------------------------|----------------|
| | DRAWN BY: DCR | DATE: DEC 83 |
| | CHECK'D BY: NTS 32 E 113 | DRAW'G No: |
| | | SCALE: 1:5,000 |
| Getty Canadian Metals, Ltd. | | |

GETTY MINES, LIMITED

Hole Number

DL-83-40

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|------|------|---|---------------|--------|-------|-----------|----------|----------|----------|----------|
| | | | | FROM | TO | | AU (PPB) | CU (PPM) | Zn (PPM) | AG (PPM) |
| 91.4 | 99.1 | <u>EPICLASTIC METASEDIMENTARY Rock</u> | | | | | | | | |
| | | - identical to previous section at 77.3-84.9m | 3378 | 91.6 | 91.85 | 0.25 | 42 | 110 | 140 | 1.0 |
| | | - well layered, fine grained, greyish black epiclastic metasedimentary rock | 3379 | 94.55 | 94.80 | 0.25 | 42 | 230 | 89 | 1.0 |
| | | - contains more py than previous are. 1% - unlike previous section gt-aluminosilicate (?) assemblage is developed - most abundant section is at 93.8-95.8m where they constitute 30% of rock - excellent layering at 70° to core axis | 3380 | 97.6 | 97.85 | 0.25 | 42 | 240 | 160 | 1.0 |
| 99.1 | 99.5 | <u>CHERTY TUFF w PY, PO, GT</u> | | | | | | | | |
| | | - very poorly conductive - contains 70% chert, 10% gt, 10% po+py, 10% chlorite - gt concentrated at 99.3, sulphides concentrated at 99.35 - lower contact ground - poorly banded at 70° to core axis - moderately magnetic | 3381 | 99.1 | 99.5 | 0.4 | 13 | 490 | 220 | 1.0 |

GETTY MINES, LIMITED

Hole Number

DL-83-40

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|------|-------|---|---------------|--------|--------|-----------|-------------|-------------|-------------|-------------|
| | | | | FROM | TO | | AU (ppm) | CU (ppm) | Zn (ppm) | Ag (ppm) |
| 99.5 | 153.0 | <u>EPICLASTIC METASEDIMENTARY ROCK</u> | | | | | | | | |
| | | | 3382 | 100.35 | 100.6 | 0.25 | 22 | 54 | 45 | 0.5 |
| | | - of at 77.3-84.9, 91.4-99.1m | 3383 | 103.3 | 103.55 | 0.25 | 22 | 69 | 42 | 1.0 |
| | | - fine grained, grey-green, siliceous epiclastic metasedimentary rock containing abundant 5-10% aluminosilicate (?) and lesser gt | 3384 | 106.25 | 106.50 | 0.25 | 22 | 67 | 41 | 0.5 |
| | | | 3385 | 109.1 | 109.35 | 0.25 | 22 | 140 | 26 | 1.0 |
| | | - aluminosilicate (?) + gt bands minor: excellent soft sediment features particularly well developed at 119.6-122.0m | 3386 | 112.1 | 112.35 | 0.25 | 3 | 150 | 47 | 1.0 |
| | | | 3387 | 115.0 | 115.25 | 0.25 | 5 | 130 | 32 | 1.0 |
| | | - chert band at 103.3-103.45 | 3388 | 117.85 | 118.10 | 0.25 | 18 | 220 | 62 | 1.0 |
| | | - pink chert band at 124.60-125.05m | 3389 | 120.80 | 121.05 | 0.25 | 3 | 160 | 21 | 1.0 |
| | | - excellent banding at 65° to c.a. | 3390 | 123.75 | 124.00 | 0.25 | 22 | 78 | 25 | 0.5 |
| | | - minor gtz - calcite - chlorite veining | 3391 | 126.6 | 126.85 | 0.25 | 22 | 82 | 34 | 1.0 |
| | | - weak to moderately magnetic | 3392 | 129.5 | 129.75 | 0.25 | 4 | 140 | 21 | 0.5 |
| | | - 0.5% py | 3393 | 132.5 | 132.75 | 0.25 | 22 | 150 | 49 | 0.5 |
| | | - rock fairly soft and appears to be formed from weathering of mafic volcanic source rock - dominant minerals are chlorite + gtz | 3394 | 135.4 | 135.65 | 0.25 | 2 | 110 | 15 | 0.5 |
| | | | 3395 | 138.4 | 138.65 | 0.25 | 22 | 140 | 16 | 0.5 |
| | | - short section of mafic tuff at 114.1-114.7m; cherty mafic tuff at 114.7-114.8m | 3396 | 141.20 | 141.45 | 0.25 | 22 | 120 | 33 | 1.0 |
| | | - occasional gtz vesicles prominent core at high angle | 3424 | 144.1 | 144.35 | 0.25 | 2 | 140 | 16 | 0.5 |
| | | - heavy gt at 130.1m | 3425 | 147.05 | 147.30 | 0.25 | 22 | 180 | 15 | 0.5 |
| | | - more frequent quartz vesicles toward base of section | 3426 | 150.0 | 150.25 | 0.25 | 2 | 110 | 25 | 0.5 |

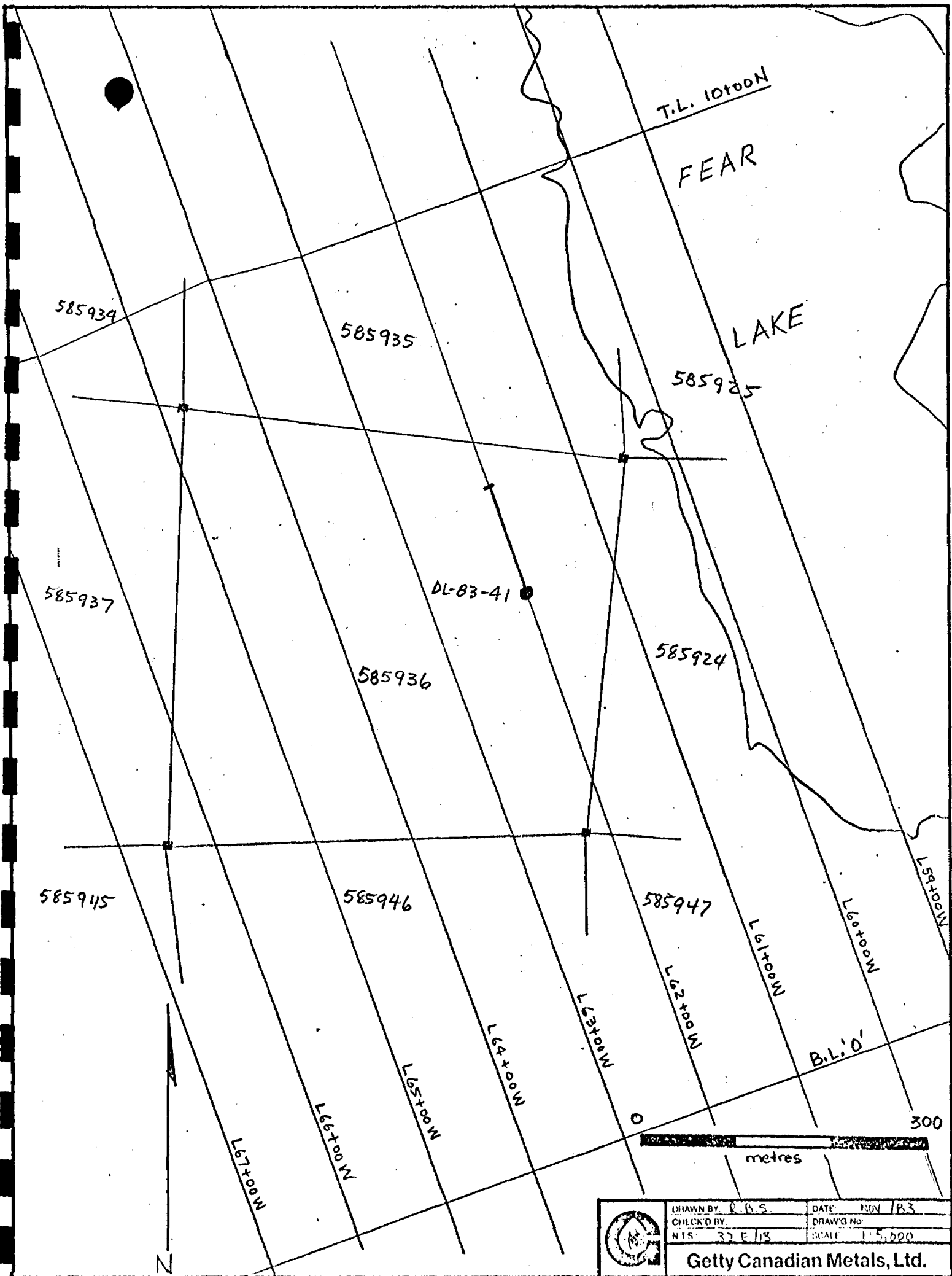
GETTY MINES, LIMITED

Hole Number

DL-83-40

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|-------|-------|--|---------------|--------|--------|-----------|----------|----------|----------|----------|
| | | | | FROM | TO | | Au (ppm) | Cu (ppm) | Zn (ppm) | Pb (ppm) |
| 161.7 | 163.2 | <u>FELDSPAR PORPHYRY DYKE</u> | 3430 | 161.7 | 161.95 | 0.25 | 42 | 37 | 61 | 0.5 |
| | | - as described at 153.0-153.4 | | | | | | | | |
| | | - upper contact at 75° to core axis | | | | | | | | |
| | | - lower contact at 85° to core axis | | | | | | | | |
| | | - foliation at 70° to core axis | | | | | | | | |
| | | - trace pyrite | | | | | | | | |
| 163.2 | 182.2 | <u>EPICLASTIC METASEDIMENTARY ROCK</u> | | | | | | | | |
| | | - as described at 99.5-153.0m | 3431 | 164.5 | 164.75 | 0.25 | 2 | 220 | 360 | 1.0 |
| | | - trace py. | 3432 | 167.3 | 167.55 | 0.25 | 4 | 140 | 38 | 1.0 |
| | | - foliation at 65° to core axis | 3433 | 170.15 | 170.40 | 0.25 | 42 | 130 | 55 | 1.0 |
| | | - minor Qtz + aluminosilicate begins to pick up in this section and constitutes 2% of rock | 3434 | 172.90 | 173.15 | 0.25 | 5 | 88 | 23 | 0.5 |
| | | - minor mafic till units located at 172.8-172.95m, 176.9-178.0m | 3435 | 175.85 | 176.10 | 0.25 | 2 | 97 | 49 | 1.5 |
| | | - siliceous-chlorite alteration mimics sedimentary texture of ore | 3436 | 178.7 | 178.95 | 0.25 | 8 | 100 | 24 | 0.5 |
| | | | 3437 | 181.7 | 181.95 | 0.25 | 42 | 120 | 24 | 0.5 |



T.L. 1000N

FEAR

LAKE

585934

585935

585925

585937

DL-83-41

585936

585924

585945

585946

585947

L67x00W

L60x97

L65x00W

L64x00W

L63x97

L62x00W

L61x00W

L60x00W

L59x00W

B.L. 0'

300

metres

| | | |
|------------------------------------|------------------|----------------|
| | DRAWN BY: R.B.S. | DATE: NOV 1983 |
| | CHECKED BY: | DRAWG NO: |
| | NTS: 32 E 118 | SCALE: 1:5,000 |
| Getty Canadian Metals, Ltd. | | |

FORGOTTEN
LAKE

T.L. 10+00M

585917

585910

585907

585916

585911

585906

DL-83-42

MORTY

585915

585912

585905

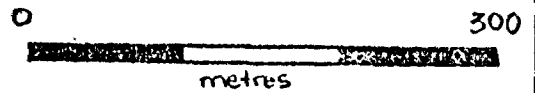
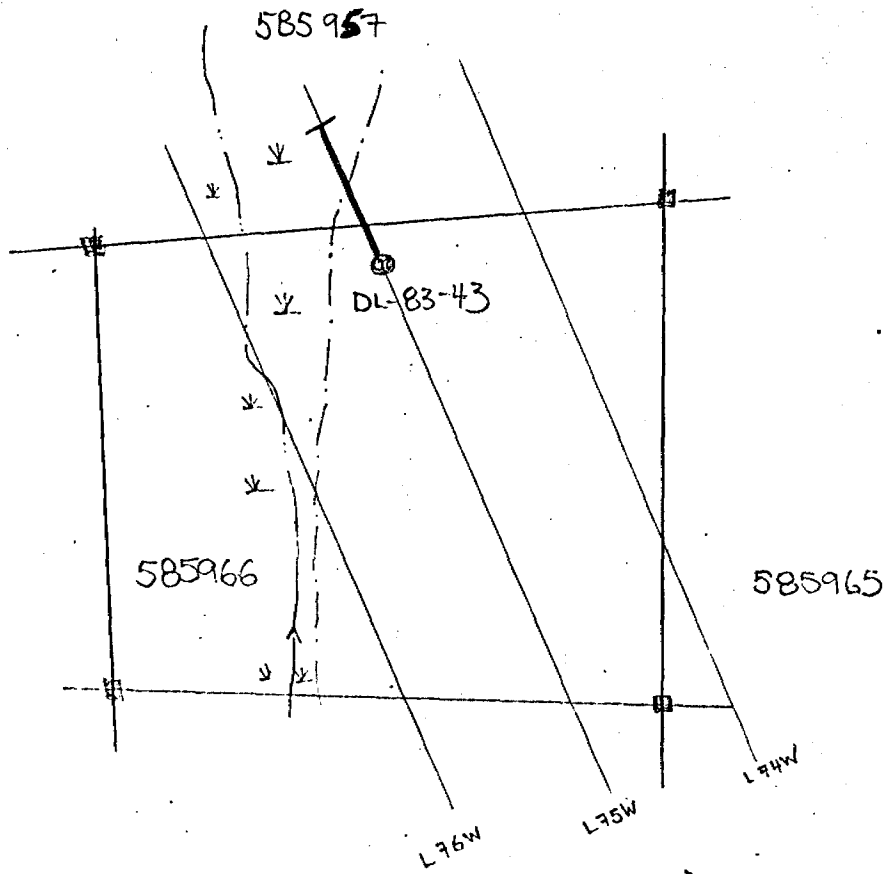
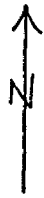
300

metres



| | |
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| DRAWN BY: RBS | DATE: DEC 83 |
| CHECKED BY: | DRAWING NO: |
| NTS 32E/113 | SCALE 1:5,000 |

Getty Canadian Metals, Ltd.



| | | |
|-----------------------------|----------------|---------------|
| | DRAWN BY: K.S. | DATE: NOV 85 |
| | CHECK'D BY: | DRAW'G NO: |
| | NTS: 1/2 | SCALE: 1:1000 |
| Getty Canadian Metals, Ltd. | | |

GETTY MINES, LIMITED

Hole Number

DL-83-43

DRILL HOLE LOG

Property... DETOUR LAKE
 Location... 1.4 km NE... SPRANE, ONTARIO
 Grid... WEST 1A
 Latitude... 1:35 S
 Departure... 4.75 PP.W.

Core Size... BA
 Elev. Collar.....
 Bearing... 340°
 Dip... -45°
 Length... 197.2 m
 Horiz. Trace... 144.0 m
 Vert. Trace... 135.0 m

Starting Date... November 17, 1983
 Completion Date... November 28, 1983

Date Logged... November 21 to 23, 1983
 Logged by... K.S. Sutherland

K.S. Sutherland

Dip Tests

| Depth | Angle | |
|---------|-------|--------|
| | Read | Actual |
| Collar | | -45° |
| 61.0 m | | -47° |
| 91.4 m | | -43° |
| 197.2 m | | -37.5° |

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH. | ASSAY | | | | |
|--------|---------|--|---------------|--------|------|------------|---------|---------|---------|---------|--|
| | | | | FROM | TO | | Pb(ppm) | Cu(ppm) | Zn(ppm) | Ag(ppm) | |
| 0.0 m | 61.0 m | OVERBURDEN - sand, boulders | | | | | | | | | |
| 61.0 m | 118.4 m | MAFIC EPICLASTIC METASEDIMENTARY/TUFFACEOUS ROCK - The rock is grey/green, fine to medium grained, medium soft and locally weakly magnetic. - Rock mineralogy consists of 45-55% green amphibole chlorite and 45-55% white plagioclase feldspar. - The rock is moderately foliated 50° to the CIA and is banded 50° to CIA. The f-met grain bands are 2mm to 1 cm wide and are locally folded. The finer grained horizons tend to exhibit more deformation (folding slumping) - Up to 3% pyrite/pyrrhotite is present and occurs as disseminations and in fine laminations. - Quartz veins are present throughout 3% of the rock and are 5mm to 2cm wide and oriented 50° to 70° to CIA | 000941 | 61.0 | 61.5 | 0.5 | 42 | 130 | 57 | 05 | |

GETTY MINES, LIMITED

Hole Number

DL-83-43

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|------|----|---|---------------|--------|------|-----------|---------|---------|---------|---------|
| | | | | FROM | TO | | Al(ppm) | Cu(ppm) | Zn(ppm) | Ag(ppm) |
| | | Minor chlorite and sulphides locally rim veins. Quartz + carbonate veins are present in 5% of unit | | | | | | | | |
| | | 62.1-64.9 Blocky core, poor core recovery | | | | | | | | |
| | | 64.3-64.5, 65.2-65.5, 69.4-69.6 - Quartz veins | D00942 | 64.0 | 64.5 | 0.5 | 42 | 180 | 30 | 0.5 |
| | | | D00943 | 64.5 | 65.0 | 0.5 | 42 | 180 | 42 | 0.5 |
| | | 67.8-68.0 Chlorite rich rock with 2-3% pyrite/pyrrhotite | D00944 | 65.0 | 65.5 | 0.5 | 42 | 310 | 68 | 0.5 |
| | | | D00945 | 65.5 | 66.0 | 0.5 | 42 | 440 | 170 | 1.0 |
| | | | D00946 | 66.0 | 66.5 | 0.5 | 42 | 550 | 130 | 1.0 |
| | | 68.4-70.7 Finer grained interval - locally folding of bands. | D00947 | 67.0 | 67.5 | 0.5 | 42 | 230 | 110 | 0.5 |
| | | | D00948 | 67.5 | 68.0 | 0.5 | 6 | 190 | 76 | 1.0 |
| | | 72.5 - Foliation and banding 50° to CIA | D00949 | 68.0 | 68.5 | 0.5 | 4 | 170 | 34 | 1.0 |
| | | | D00950 | 68.5 | 69.0 | 0.5 | 3 | 65 | 33 | 0.5 |
| | | 81.4-92.0 Rock contains 8% quartz + carbonate veins, 1mm to 5mm wide with jagged irregular contacts, oriented 30° to 50° to CIA. Locally veins are folded (B73 pyramidal vein) and are pink (contains minor K-spar) | D00951 | 69.0 | 69.5 | 0.5 | 42 | 76 | 95 | 0.5 |
| | | | D00952 | 72.5 | 73.0 | 0.5 | 42 | 63 | 61 | 0.5 |
| | | | D00953 | 73.0 | 73.5 | 0.5 | 42 | 140 | 130 | 0.5 |
| | | | D00954 | 77.5 | 78.0 | 0.5 | 42 | 94 | 62 | 0.5 |
| | | 92.5-95.5 Blocky core, poor core recovery | D00955 | 78.0 | 78.5 | 0.5 | 42 | 110 | 130 | 0.5 |
| | | | D00956 | 78.5 | 79.0 | 0.5 | 42 | 180 | 120 | 0.5 |
| | | 95.9-96.2 Fracture zone, locally silicified | D00957 | 79.0 | 79.5 | 0.5 | 42 | 140 | 180 | 0.5 |
| | | | D00958 | 79.5 | 80.0 | 0.5 | 42 | 86 | 98 | 0.5 |
| | | 96.2-102.5 Finer grained interval, locally folded bands | D00959 | 80.0 | 80.5 | 0.5 | 42 | 110 | 160 | 0.5 |
| | | | D00960 | 80.5 | 81.0 | 0.5 | 42 | 150 | 150 | 0.5 |
| | | | D00961 | 81.0 | 81.5 | 0.5 | 42 | 120 | 59 | 0.5 |
| | | 100.3 Laminations 35° to CIA | D00962 | 81.5 | 82.0 | 0.5 | 42 | 120 | 47 | 0.5 |
| | | | D00963 | 82.0 | 82.5 | 0.5 | 42 | 110 | 44 | 0.5 |
| | | 100.7 Laminations 50° to CIA | D00964 | 82.5 | 83.0 | 0.5 | 42 | 120 | 39 | 0.5 |
| | | | D00965 | 83.0 | 83.5 | 0.5 | 42 | 130 | 38 | 0.5 |
| | | 105.8 Laminations parallel to CIA | D00966 | 83.5 | 84.0 | 0.5 | 2 | 110 | 55 | 0.5 |
| | | 106.6 Laminations 25° to CIA | D00967 | 85.4 | 85.9 | 0.5 | 42 | 110 | 75 | 0.5 |

GETTY MINES, LIMITED

Hole Number

DL-83-43

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|-------|-------|---|---------------|--------|-------|-----------|---------|---------|---------|---------|
| | | | | FROM | TO | | Au(ppb) | Cu(ppm) | Zn(ppm) | Pb(ppm) |
| | | 109.9 laminations parallel to CIA | D00968 | 86.8 | 87.3 | 0.5 | 42 | 110 | 51 | 0.5 |
| | | | D00969 | 88.2 | 88.7 | 0.5 | 42 | 100 | 40 | 0.5 |
| 118.4 | 134.8 | GARNETIFEROUS METASEDIMENTARY ROCK | D00970 | 89.7 | 90.2 | 0.5 | 42 | 120 | 40 | 0.5 |
| | | - The rock is green, fine to coarse grained, medium hard and very weakly magnetic where fine pyroxhite (garnet) bands are present | D00971 | 92.3 | 92.8 | 0.5 | 42 | 110 | 28 | 0.5 |
| | | | D00972 | 95.4 | 95.9 | 0.5 | 42 | 85 | 36 | 1.0 |
| | | | D00973 | 95.9 | 96.4 | 0.5 | 42 | 140 | 22 | 1.0 |
| | | | D00974 | 96.4 | 96.9 | 0.5 | 4 | 110 | 36 | 1.0 |
| | | - The rock is banded 30° to 45° to CIA (possible graded bedding) | D00975 | 98.2 | 98.7 | 0.5 | 42 | 98 | 53 | 0.5 |
| | | | D00976 | 101.4 | 101.9 | 0.5 | 42 | 96 | 51 | 0.5 |
| | | - Upper contact is 50° to CIA | D00977 | 103.7 | 104.2 | 0.5 | 42 | 120 | 31 | 0.5 |
| | | - The rock contains 1-3% pyrit and 1% pyroxhite which occurs in the bands that cross out the banding | D00978 | 106.8 | 107.3 | 0.5 | 42 | 130 | 42 | 0.5 |
| | | | D00979 | 109.3 | 109.8 | 0.5 | 42 | 71 | 50 | 10.5 |
| | | | D00980 | 112.2 | 112.7 | 0.5 | 5 | 220 | 40 | 0.5 |
| | | - Rock contains 10% pink garnets 1mm to 8mm in size | D00981 | 114.9 | 115.4 | 0.5 | 42 | 110 | 34 | 0.5 |
| | | 125.5-126.3 and 126.8-127.9 Siliceous metasedimentary rock - sharp contact 25° to CIA and foliated 0 | D00982 | 118.0 | 118.5 | 0.5 | 42 | 150 | 41 | 0.5 |
| | | 25° to CIA. Contains no garnet. Grey in colour and non-magnetic | D00983 | 120.6 | 121.1 | 0.5 | 42 | 8 | 180 | 0.5 |
| | | | D00986 | 121.7 | 121.8 | 0.1 | 42 | 13 | 80 | 0.5 |
| | | 127.9-134.8 - Banding more apparent/distinct. The banding is compositional (light and dark alkali minerals) and the bands are weakly deformed (slump, horizontal). Rock contains 5 to 15% pink/red subhedral garnets 1mm to 8mm in size | D00984 | 123.5 | 124.0 | 0.5 | 42 | 150 | 290 | 1.0 |
| | | | D00985 | 126.4 | 126.9 | 0.5 | 8 | 87 | 65 | 0.5 |
| | | | D00987 | 129.4 | 129.9 | 0.5 | 42 | 130 | 50 | 0.5 |
| | | 120.5-122.8 and 123.4 to 125.5 These intervals contain conformable conglomeratic bands up to 15cm wide. The bands are foliated 25° to CIA and contain quartz, biotite and garnet | D00988 | 132.2 | 132.7 | 0.5 | 42 | 150 | 700 | 0.5 |
| 138.8 | 145.2 | AMPHIBOLIZED METASEDIMENTARY ROCK | D00989 | 134.8 | 135.3 | 0.5 | 42 | 94 | 93 | 0.5 |
| | | The rock is green, fine to medium grained medium soft and non-magnetic. Mineral alkali | D00990 | 137.9 | 138.4 | 0.5 | 42 | 110 | 39 | 10.5 |

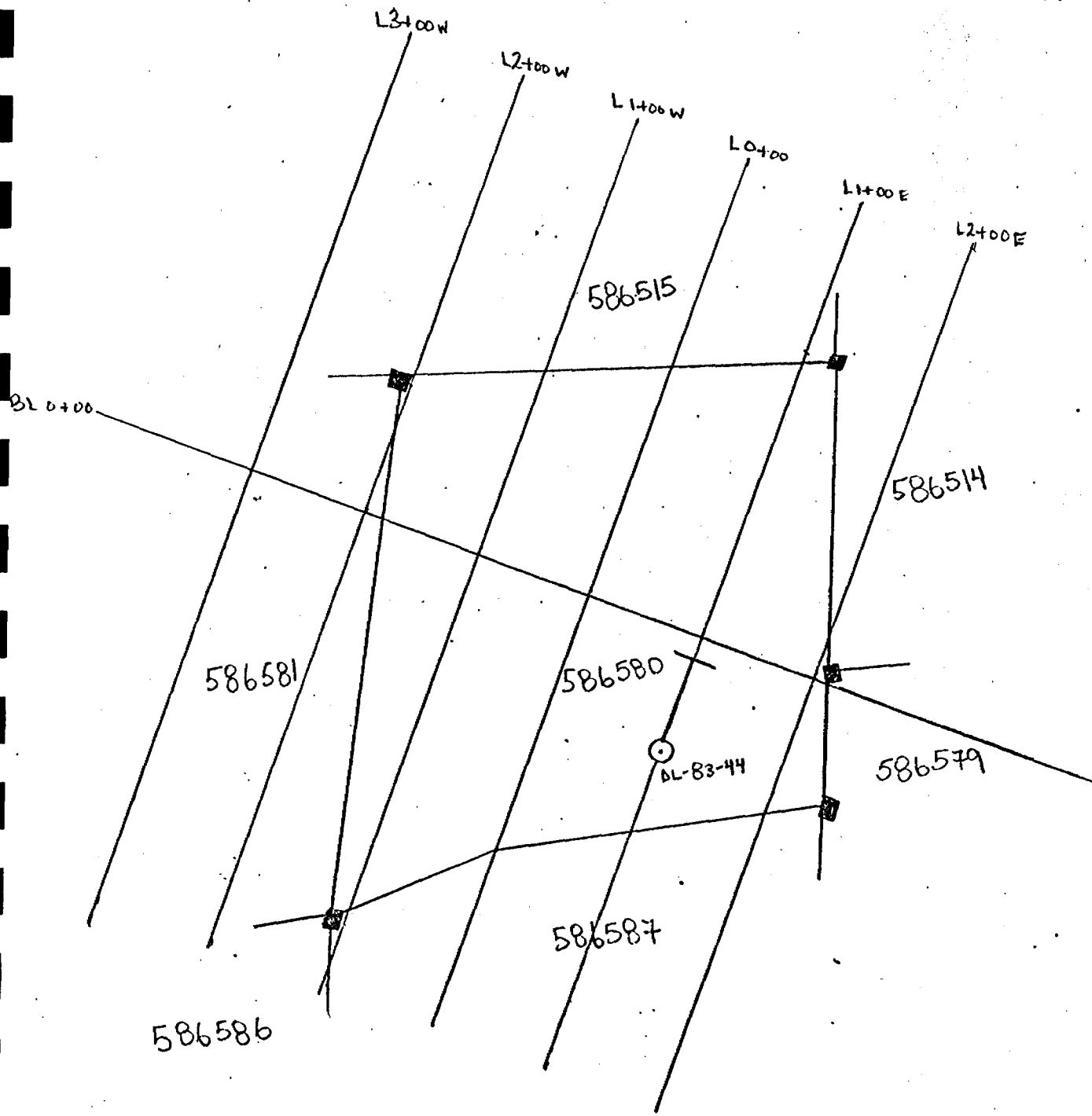
GETTY MINES, LIMITED

Hole Number

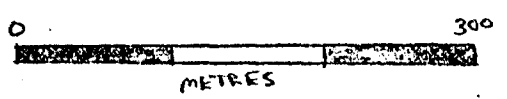
DL-83-43

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|-------|-------|--|---------------|--------|-------|-----------|---------|---------|---------|---------|
| | | | | FROM | TO | | Cu(ppm) | Ag(ppm) | Zn(ppm) | Pb(ppm) |
| | | 154.4 - 154.6 10-15% py10 in dissemination and scattered laminations | | | | | | | | |
| | | 156.9 Bands are deformed and weakly brecciated. Foliation is 30° to CIA and dips 1 to 2mm with quartz veins cross cut bedding | | | | | | | | |
| 169.2 | 175.6 | ALTERED QUARTZ PORPHYRY SILL The rock is grey, hard and non-magnetic. Upper contact defined (unconformable) 30° to CIA and lower contact is sharp 35° to CIA. The rock consists of quartz / feldspar? phenocrysts (white, subhedral, 1mm to 3mm) hosted in a fine grained siliceous groundmass. Pelic banding 1 to 2cm wide and oriented 30° to CIA is apparent. 1% disseminated pyrite is present. The rock is fractured at a shallow angle to the CIA and the rock is cross cut by fine quartz veins (bleached veins) oriented 35° to CIA. The rock appears silicified. | D03058 | 169.4 | 169.9 | 0.5 | 42 | 82 | 38 | 0.5 |
| | | | D03059 | 169.9 | 170.4 | 0.5 | 42 | 38 | 17 | 0.5 |
| | | | D03060 | 170.4 | 170.9 | 0.5 | 42 | 37 | 20 | 0.5 |
| | | | D03061 | 170.9 | 171.4 | 0.5 | 42 | 11 | 15 | 40.5 |
| | | | D03062 | 171.4 | 171.9 | 0.5 | 42 | 8 | 32 | 40.5 |
| | | | D03063 | 171.9 | 172.4 | 0.5 | 42 | 13 | 38 | 0.5 |
| | | | D03064 | 172.4 | 172.9 | 0.5 | 42 | 18 | 32 | 40.5 |
| | | | D03065 | 172.9 | 173.4 | 0.5 | 42 | 14 | 34 | 40.5 |
| | | | D03066 | 173.4 | 173.9 | 0.5 | 7 | 37 | 43 | 40.5 |
| | | | D03067 | 173.9 | 174.4 | 0.5 | 42 | 52 | 41 | 40.5 |
| | | | D03068 | 174.4 | 174.9 | 0.5 | 2 | 130 | 36 | 40.5 |
| | | | D03069 | 174.9 | 175.4 | 0.5 | 42 | 16 | 40 | 40.5 |
| | | | D03070 | 175.4 | 175.9 | 0.5 | 42 | 81 | 35 | 0.5 |
| 175.6 | 197.2 | MAFIC EPICLASTIC METASOMATIZED ROCK The rock is dark green grey, fine to medium grained, medium soft and non-magnetic. The rock is compositionally hybrid (1mm to 1cm wide veins 35° to 45° to CIA) but locally contorted and brecciated beds are present throughout. Rock mineralogy consists of amphibole / feldspar / quartz / chlorite with minor calcite and <1% py10. 1-2% garnets are present and occur in bands. | D03071 | 178.7 | 179.2 | 0.5 | 2 | 130 | 29 | 40.5 |
| | | | D03072 | 181.6 | 182.1 | 0.5 | 42 | 140 | 48 | 0.5 |
| | | | D03073 | 184.5 | 185.0 | 0.5 | 2 | 170 | 28 | 40.5 |
| | | | D03074 | 187.5 | 188.0 | 0.5 | 7 | 190 | 21 | 40.5 |
| | | | D03075 | 190.5 | 191.0 | 0.5 | 42 | 96 | 62 | 40.5 |
| | | | D03076 | 193.2 | 193.7 | 0.5 | 12 | 140 | 30 | 40.5 |



LOCATION MAP
P.D.H. DL-83-44



1:5,000

| | | |
|-----------------------------|---------------|----------------|
| | DRAWN BY: DCR | DATE: JAN 84 |
| | CHECK'D BY: | DRAWING NO: |
| | NET: 32 E 113 | SCALE: 1:5,000 |
| Getty Canadian Metals, Ltd. | | |

GETTY MINES, LIMITED

Hole Number

DL-83-44

DRILL HOLE LOG

Property, DETOUR LAKE J.V.
 Location, 14.4 Km. W. OF COCHRANE, ONT.
 Grid, C-15
 Latitude, 1.1399E
 Departure, 4008

Core Size, 80
 Elev. Collar,
 Bearing, 020°
 Dip, -55°
 Length, 203.3m
 Horiz. Trace, 117m
 Vert. Trace, 158.5m

Starting Date, FEBRUARY 5, 1984
 Completion Date, FEBRUARY 8, 1984
 Date Logged, FEBRUARY 7-10, 1984
 Logged by, P.C. KNAPPHAM
 K. Sutherland

Dip Tests

| Depth | Angle | |
|--------|-------|--------|
| | Read | Actual |
| Collar | | -55° |
| 32.6m | 63° | -55° |
| 49.1m | 60° | -52° |
| 200.3m | 62° | -54° |

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH. | ASSAY | | | |
|------|------|--|---------------|--------|-------|------------|----------|----------|----------|----------|
| | | | | FROM | TO | | AU (PPB) | CU (PPM) | Zn (PPM) | Fe (PPM) |
| 0.0 | 20.9 | OVERBURDEN | | | | | | | | |
| 20.9 | 58.0 | DEBRIS FLOW (LAHAR) | 002200 | 25.2 | 25.45 | 0.25 | 42 | 36 | 68 | 40.5 |
| | | - grey, hard, weakly magnetic, fine-grained matrix | 01 | 28.25 | 28.5 | 0.25 | 42 | 35 | 59 | 40.5 |
| | | - 50-60% clastic material in a fine-grained matrix. The clasts range in size from <1mm to 20cm in diameter (as at 34.5-34.7m). | 02 | 31.1 | 31.35 | 0.25 | 42 | 35 | 76 | 0.5 |
| | | | 03 | 31.25 | 34.5 | 0.25 | 42 | 37 | 110 | 40.5 |
| | | | 04 | 37.0 | 37.25 | 0.25 | 42 | 49 | 76 | 40.5 |
| | | | 05 | 39.9 | 40.15 | 0.25 | 42 | 34 | 61 | 40.5 |
| | | Clasts are subangular to subrounded and range in composition from mafic to felsic volcanic, quartz, feldspar | 06 | 42.7 | 42.95 | 0.25 | 42 | 27 | 170 | 0.5 |
| | | porphyry, pure feldspar, etc. The unit ranges from clast supported to matrix supported with a roughly equal distribution of clastic material throughout. | 07 | 45.5 | 45.75 | 0.25 | 42 | 36 | 210 | 40.5 |
| | | Clasts are randomly oriented with no sorting. | 08 | 48.2 | 48.45 | 0.25 | 4 | 56 | 160 | 0.5 |
| | | - the matrix is fine-grained, siliceous, and exhibits a poorly-defined layering oriented 50° to CA. | 09 | 51.1 | 51.35 | 0.25 | 42 | 24 | 59 | 40.5 |
| | | - partially carbonatized along some | 10 | 54.0 | 54.25 | 0.25 | 42 | 22 | 68 | 40.5 |
| | | | 11 | 57.0 | 57.25 | 0.25 | 4 | 66 | 170 | 40.5 |

GETTY MINES, LIMITED

Hole Number

DL-83-44

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|------|------|--|--------------------------|--------------------------------|--------------------------------|------------------------------|----------------------|----------------------|-------------------------|-----------------------------|
| | | | | FROM | TO | | Au (ppb) | Cu (ppm) | Zn (ppm) | Ag (ppm) |
| | | fracture surfaces - lower contact is gradational - locally abundant concentrations of sulfide, as at 34.8m, occurring in bands, sulfide-rich clasts up to 2cm in diameter, and disseminated throughout. The unit has 3-4% pyrite, and 1% pyrrhotite. - chloritized along some fracture surfaces - this unit was also drilled 400m to the west (DL-83-32, 17.1-17.8m). - the unit parts more siliceous downhole - from 40.0 to the end of the unit the amount of clastic material gradually decreases to 3-5% of the total composition of the rock - the lower contact is placed where the clastic component diminishes to almost 0%, with only a few scattered clasts in the underlying unit. - 41% pink K-feldspar - the relative proportion of felsic clasts and small feldspar crystals and phenocrysts increases downhole, with the proportion of felsic clasts to mafic clasts roughly 2:1 towards the bottom of the unit. 34.8 : 4 cm wide clast of 100% pyrite 42.3-42.7, 45.3-46.4 ; blocky core, with at least 20cm of core lost. 55.0-55.4 ; mafic internal with sharp contacts at 90° to CA. This is probably a large mafic clast | | | | | | | | |
| 58.0 | 77.2 | SILTSTONE / ARGILLITE - dark-gray to black, fine-grained, hard, locally weakly magnetic - sedimentary layering oriented 80-90° to CA. | 082212 13 14 15 | 60.0 63.05 65.9 68.95 | 60.25 63.3 66.15 69.2 | 0.25 0.25 0.25 0.25 | 42 42 42 42 | 20 30 73 21 | 190 110 210 64 | 20.5 20.5 0.5 20.5 |

GETTY MINES, LIMITED

Hole Number

DL-83-44

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|------|------|--|---------------|--------|-------|-----------|----------|----------|----------|----------|
| | | | | FROM | TO | | As (ppb) | Cu (ppm) | Zn (ppm) | Pb (ppm) |
| | | - the rock is predominantly siltstone with thin (1-2 cm) argillite bands randomly dispersed. | 002216 | 71.9 | 72.15 | 0.25 | 3 | 64 | 95 | 0.5 |
| | | - silicified | 17 | 74.9 | 75.15 | 0.25 | 2 | 58 | 120 | 0.5 |
| | | - some clastic material, as in the overlying unit, but this makes up <5% of the total composition of the rock. | | | | | | | | |
| | | - the unit exhibits both sedimentary features downhole, being somewhat disturbed and inhomogeneous towards the top of the unit. | | | | | | | | |
| | | - upper and lower contacts gradational | | | | | | | | |
| | | - 1-2% pyrrhotite + pyrite. | | | | | | | | |
| | | - this unit was also drilled 400m to the west (DL-83-32 47.8-53.8m) | | | | | | | | |
| | | - the argillite component becomes more abundant downhole to the lower contact where the rock is almost 100% argillite/graphite with some sulfide | | | | | | | | |
| | | 65.9-66.2; coarse-grained, magnetic, mafic dyke with contacts oriented 30-40° to CA. | | | | | | | | |
| | | 67.4-67.8; mafic dyke with upper contact oriented 45° to CA and lower contact at 20-30° to CA. | | | | | | | | |
| | | 74.7-74.9; blocky, ground-up core. | | | | | | | | |
| 77.2 | 79.4 | CONDUCTIVE ZONE | 002218 | 77.2 | 77.7 | 0.5 | 14 | 77 | 180 | 0.5 |
| | | - graphite interbedded with 6-8% pyrite and 1-2% pyrrhotite. | 19 | 77.7 | 78.2 | 0.5 | 9 | 37 | 130 | 0.5 |
| | | - poor conductor | 20 | 78.2 | 78.7 | 0.5 | 15 | 64 | 89 | 0.5 |
| | | - black sand, fine-grained, locally weakly magnetic. | 21 | 78.7 | 79.2 | 0.5 | 7 | 120 | 130 | 0.5 |
| | | - sulfides are not evenly distributed throughout but are concentrated at 77.2-77.3m and 78.8-79.0m. In these intervals the sulfides | 22 | 79.2 | 79.7 | 0.5 | 90 | 100 | 63 | 0.5 |

GETTY MINES, LIMITED

Hole Number

DL-83-44

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | | |
|------|------|--|---------------|--------|-------|-----------|----------|----------|----------|----------|--|
| | | | | FROM | TO | | As (ppb) | Cu (ppm) | Zn (ppm) | Ag (ppm) | |
| | | ore disseminated, stringer, and semi-massive, with framboids up to 3cm in diameter developed. - sedimentary layering oriented 60° to CA. - upper and lower contacts are gradational. - there is some clastic material, as at 78.0m. - 60-70% argillite, 20-30% graphite, and 10% sulfide. - this unit was also drilled 400m to the west where it had a much greater thickness and was interbedded with siliceous metasedimentary rock (DL-83-32, 85.8-129.3m). 78.7: 5cm wide quartz vein in host bed, concordant with sedimentary layering. | | | | | | | | | |
| 79.7 | 91.5 | FELSIC FELDSPAR CRYSTAL TUFF - dark gray, hard, non-magnetic, coarse-grained - large feldspar crystals developed throughout. There are subhedral to anhedral, white, and range in size from <1mm to 0.5cm. They make up 40% of the unit. - the matrix is a fine-grained, siliceous rock. - poorly defined tuffaceous layering oriented 50° to CA. - this unit may be partially saussuritized. - 3-4% pyrite, <1% pyrrhotite, finely disseminated throughout. - upper and lower contacts gradational - minor carbonate alteration along fracture surfaces and in thin stringers. - <1% pink K-feldspar - chlorite-rich along fracture surfaces. | 002223 | 79.7 | 80.2 | 0.25 | 10 | 160 | 86 | 0.5 | |
| | | | 24 | 83.5 | 83.75 | 0.25 | 42 | 27 | 55 | 40.5 | |
| | | | 25 | 86.15 | 86.4 | 0.25 | 42 | 22 | 120 | 40.5 | |
| | | | 26 | 88.7 | 88.95 | 0.25 | 42 | 25 | 160 | 40.5 | |
| | | | 27 | 91.3 | 91.55 | 0.25 | 42 | 9.5 | 59 | 40.5 | |
| | | | 28 | 93.9 | 94.15 | 0.25 | 42 | 100 | 150 | 0.5 | |

GETTY MINES, LIMITED

Hole Number

DL-83-44

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|-------|-------|---|---------------|--------|--------|-----------|----------|----------|----------|----------|
| | | | | FROM | TO | | AU (PPM) | CU (PPM) | Zn (PPM) | Pb (PPM) |
| | | 79.7-80.1; 30% semi-massive pyrite in a siliceous, fragmental rock | | | | | | | | |
| | | 80.8-81.8; blocky core with at least 10-20 cm of core lost. | | | | | | | | |
| | | 86.0-88.7; blocky core with at least 20-30 cm of core lost. | | | | | | | | |
| | | 88.0-5 cm wide quartz vein | | | | | | | | |
| | | 89.7-92.5; blocky core with at least 30 cm of core lost. | | | | | | | | |
| 94.5 | 111.7 | MAFIC VOLCANIC ROCK | 000029 | 96.9 | 97.15 | 0.25 | 42 | 86 | 100 | 10.5 |
| | | - green, medium hardness, locally weathery | 30 | 99.8 | 100.05 | 0.25 | 28 | 70 | 130 | 0.5 |
| | | magmatic, fine-grained. | 31 | 102.45 | 102.7 | 0.25 | 42 | 77 | 140 | 10.5 |
| | | - the unit is fairly massive throughout except for numerous quartz-carbonate stringers oriented 50-70° to CA. These are irregularly spaced. | 32 | 106.3 | 106.55 | 0.25 | 42 | 50 | 51 | 0.5 |
| | | - the unit is also carbonate-rich along fracture surfaces. | 33 | 108.2 | 108.45 | 0.25 | 42 | 110 | 81 | 10.5 |
| | | - chlorite-rich, especially along fracture surfaces. | 34 | 111.2 | 111.45 | 0.25 | 42 | 57 | 87 | 0.5 |
| | | - 2-3% pyrite/pyrrhotite disseminated. | | | | | | | | |
| | | - upper and lower contacts gradational. | | | | | | | | |
| | | - total carbonate concentration is 5-7%. | | | | | | | | |
| | | 94.5-45.2 m: siliceous flow, with angular to subrounded siliceous clasts ranging in size from 1mm to 7cm. | | | | | | | | |
| 111.7 | 127.7 | CARBONATIZED MAFIC VOLCANIC ROCK | 000035 | 114.15 | 114.40 | 0.25 | 42 | 62 | 50 | 0.5 |
| | | - as at 94.5-111.7, except this unit has undergone extensive carbonation, with | 36 | 117.0 | 117.25 | 0.25 | 5 | 150 | 65 | 1.0 |
| | | carbonate making up 25-30% of the total composition of the rock. | 37 | 120.2 | 120.45 | 0.25 | 8 | 140 | 29 | 0.5 |
| | | - carbonate is not evenly distributed | 38 | 123.4 | 123.65 | 0.25 | 26 | 320 | 35 | 0.5 |
| | | | 39 | 126.25 | 126.50 | 0.25 | 9 | 25 | 21 | 10.5 |

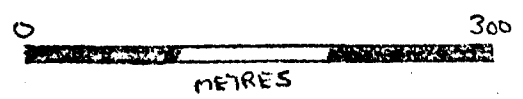
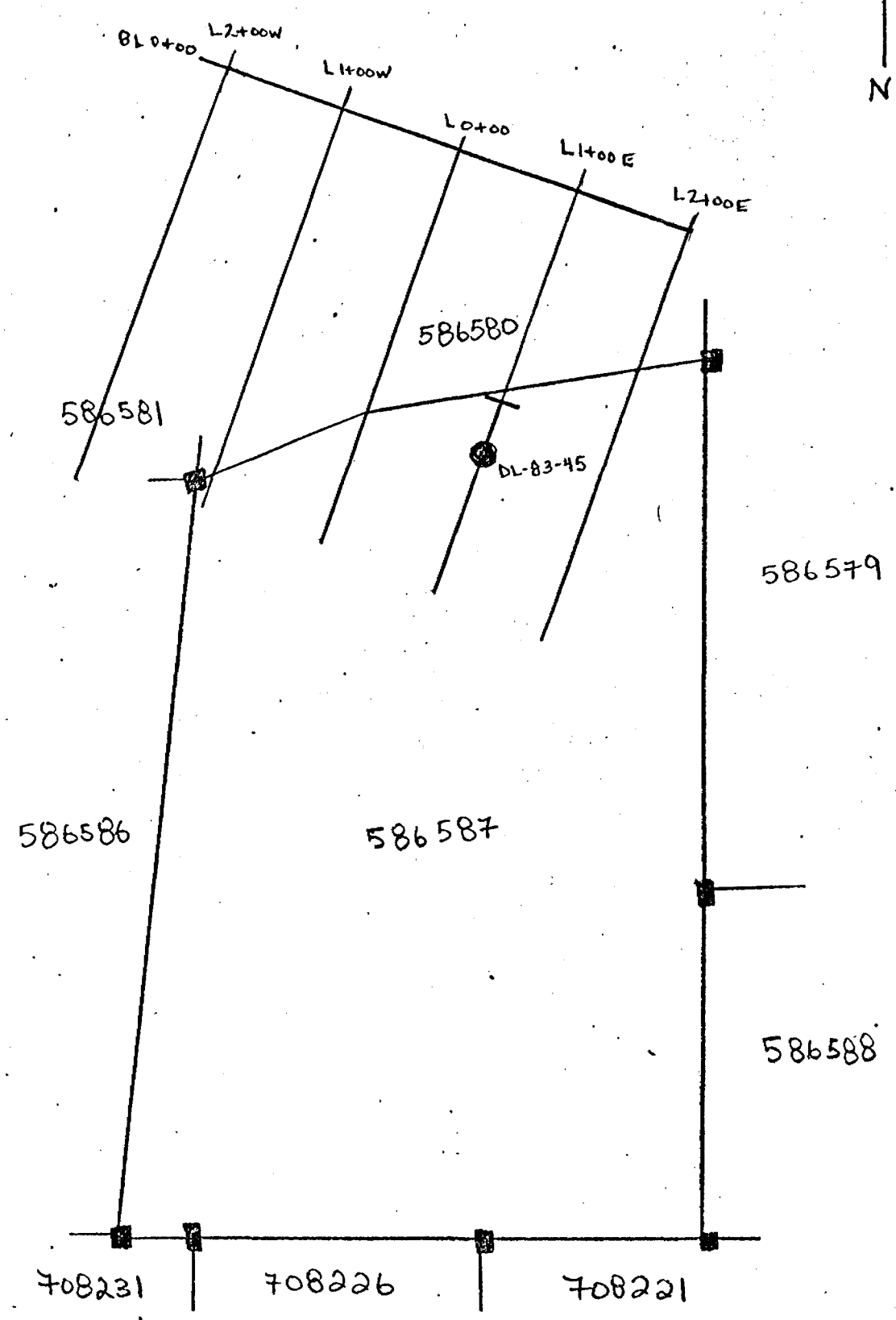
GETTY MINES, LIMITED

Hole Number

DL-83-44

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|-------|-------|--|---------------|--------|--------|-----------|----------|----------|----------|----------|
| | | | | FROM | TO | | AU (PPB) | CU (PPM) | Zn (PPM) | Ag (PPM) |
| | | throughout but rather occurs in veins, stringers, and blebs ranging in size from <1mm to 0.5cm. Some of these rounded blebs look like quartz-eyes. | | | | | | | | |
| | | - upper and lower contacts gradational. | | | | | | | | |
| | | - some quartz-carbonate veins have brecciated fragments of mafic volcanic rock in them, as at 111.7m. | | | | | | | | |
| | | 115.7 - 117.4: silicified material. | 002240 | 129.1 | 129.35 | 0.25 | 7 | 35 | 31 | 40.5 |
| | | | 41 | 132.0 | 132.25 | 0.25 | 8 | 440 | 30 | 0.5 |
| 107.7 | 203.3 | MAFIC VOLCANIC ROCK | 42 | 135.0 | 135.25 | 0.25 | 50 | 20 | 29 | 40.5 |
| | | - as at 94.5-111.7m, with 5-7% carbonate component | 43 | 137.05 | 138.3 | 0.25 | 2 | 14 | 31 | 40.5 |
| | | - upper contact gradational. | 44 | 141.0 | 141.25 | 0.25 | 3 | 59 | 33 | 40.5 |
| | | - the unit becomes more siliceous downward, possibly grading to intermediate composition in places, as at 172.5m. | 45 | 143.0 | 143.25 | 0.25 | 5 | 60 | 34 | 0.5 |
| | | - the unit becomes coarser-grained from 180.5 to 195.0m | 46 | 146.8 | 147.05 | 0.25 | 8 | 86 | 52 | 0.5 |
| | | | 47 | 149.8 | 150.05 | 0.25 | 4 | 44 | 31 | 0.5 |
| | | | 48 | 152.7 | 152.95 | 0.25 | 21 | 45 | 31 | 0.5 |
| | | | 49 | 155.7 | 155.95 | 0.25 | 42 | 36 | 96 | 0.5 |
| | | | 50 | 157.2 | 157.45 | 0.25 | 42 | 10 | 30 | 0.5 |
| | | 135.7: 2cm quartz vein oriented 30° to CA. | 51 | 158.6 | 158.85 | 0.25 | 42 | 26 | 89 | 0.5 |
| | | 155.9-162.7: silicified mafic volcanic rock with 20% fragmental component. | 52 | 161.6 | 161.85 | 0.25 | 42 | 12 | 57 | 40.5 |
| | | | 53 | 164.3 | 164.55 | 0.25 | 42 | 19 | 45 | 40.5 |
| | | 167.8-168.4: 7-10% quartz fragments randomly distributed throughout. These range in size from <1mm to 2cm. | 54 | 167.3 | 167.55 | 0.25 | 42 | 22 | 100 | 0.5 |
| | | | 55 | 170.3 | 170.55 | 0.25 | 42 | 42 | 25 | 1.0 |
| | | | 56 | 173.3 | 173.55 | 0.25 | 21 | 170 | 40 | 0.5 |
| | | 166.5-168.8: 5-7% garnet. These are small (<1mm-3mm), subhedral to anhedral, and pink. | 57 | 176.1 | 176.35 | 0.25 | 42 | 130 | 130 | 1.0 |
| | | | 58 | 179.1 | 179.35 | 0.25 | 7 | 160 | 54 | 0.5 |
| | | | 59 | 182.0 | 182.25 | 0.25 | 42 | 120 | 31 | 0.5 |
| | | 167.9-172.6: carbonate concentration increases to 15-20%. | 60 | 185.0 | 185.25 | 0.25 | 13 | 140 | 35 | 0.5 |
| | | | 61 | 188.1 | 188.35 | 0.25 | 5 | 91 | 32 | 0.5 |
| | | 198.3-201.3: silicified with 3-4% pyrrhotite, disseminated from 199.0-200.4m. | 62 | 191.1 | 191.35 | 0.25 | 7 | 75 | 27 | 0.5 |
| | | | 63 | 194.0 | 194.25 | 0.25 | 7 | 110 | 23 | 0.5 |
| | | | 64 | 197.0 | 197.25 | 0.25 | 7 | 94 | 47 | 0.5 |
| | | 203.3 E.O.H. | 65 | 199.9 | 200.15 | 0.25 | 42 | 28 | 200 | 1.0 |



1 : 5,000

LOCATION MAP
D.D.H. DL-83-45

| | | |
|-----------------------------|--------------------------|--------------|
| | DRAWN BY: DLR | DATE: JAN 84 |
| | CHECKED BY: NIS 32 E 113 | DRAWN No: |
| | SCALE: 1:5,000 | |
| Gelly Canadian Metals, Ltd. | | |

GETTY MINES, LIMITED

Hole Number

DL-83-45

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | | |
|-------|-------|--|---------------|--------|--------|-----------|---------|---------|---------|---------|--|
| | | | | FROM | TO | | Au(ppm) | Cu(ppm) | Zn(ppm) | Pb(ppm) | |
| 100.9 | 106.4 | MAFIC VOLCANIC ROCK - as at 75.2-97.8 - regular quartz - carbonate stringers and veins oriented 60° to CA. - there is a 5% fragmental component, made up of predominantly angular, mafic clasts ranging in size from <1mm to 2-3cm. - sharp upper contact oriented 90° to CA - gradual lower contact. | | | | | | | | | |
| | | | D02289 | 102.10 | 102.35 | 0.25 | 2 | 57 | 53 | 0.5 | |
| | | | D02290 | 105.05 | 105.30 | 0.25 | 3 | 130 | 99 | 1.0 | |
| 106.4 | 115.7 | MAFIC TO INTERMEDIATE VOLCANIC ROCK - grey, hard, fine to medium-grained, non-magnetic. - similar in composition to the overlying mafic volcanic unit, except this one is somewhat more siliceous. - very little quartz - carbonate veining - 1-2% disseminated pyrite + pyrrhotite. - gradual upper contact; sharp lower contact oriented 10-20° to CA. | | | | | | | | | |
| | | | D02291 | 107.90 | 108.15 | 0.25 | 2 | 11 | 55 | 0.5 | |
| | | | D02292 | 110.40 | 110.65 | 0.25 | 2 | 13 | 60 | 0.5 | |
| | | | D02293 | 113.50 | 113.75 | 0.25 | 2 | 15 | 67 | 0.5 | |
| | | | D02294 | 115.50 | 116.00 | 0.50 | 5 | 48 | 77 | 0.5 | |
| 115.7 | 121.0 | DEBRIS FLOW (LAHAR) - light-grey, very hard, fragmental with a fine-grained matrix, non-magnetic. - kilnified. - made up of 30-35% fragments in a fine-grained, siliceous matrix. Fragments are angular to subangular and range in size from <1mm to 3cm (as at 119.1). Fragment composition ranges from mafic to felsic, with some feldspar crystals 1-3mm in diameter, quartz, magnetite, and sulfides. - 3-4% finely disseminated pyrite + pyrrhotite throughout. | | | | | | | | | |
| | | | D02295 | 116.25 | 116.50 | 0.25 | 2 | 39 | 65 | 0.5 | |
| | | | D02296 | 119.20 | 119.45 | 0.25 | 2 | 30 | 73 | 0.5 | |

GETTY MINES, LIMITED

Hole Number

DL-83-45

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|-------|-------|---|----------------------------|----------------------------|----------------------------|----------------------|----------------|----------------|-----------------|----------------------|
| | | | | FROM | TO | | Au(ppm) | Cu(ppm) | Zn(ppm) | Pg(ppm) |
| | | - poorly sorted - in some places there is a poorly defined layering oriented 80° to CA - upper contact is sharp at 10-20° to CA. This contact is irregular and at an unusual angle, suggesting that the debris flow was deposited before the underlying lava flow had cooled (or vice-versa), causing the two to be mixed. The lower contact is also oriented 10-20° to CA. | | | | | | | | |
| 121.0 | 123.2 | MAFIC TO INTERMEDIATE VOLCANIC ROCK - as at 106.4-115.7 - Sharp upper contact oriented 10-20° to CA; Sharp lower contact oriented 50° to CA. | DD2297 | 122.10 | 122.35 | 0.25 | 42 | 13 | 130 | 40.5 |
| 123.2 | 125.5 | DEBRIS FLOW (LAHAR) - as at 115.7-121.0 - Sharp upper contact oriented 50° to CA; sharp lower contact oriented 20° to CA. | DD2298 | 125.10 | 125.35 | 0.25 | 2 | 38 | 70 | 40.5 |
| 125.5 | 129.0 | MAFIC TO INTERMEDIATE VOLCANIC ROCK. - as at 106.4-115.7 - Sharp upper contact oriented 20° to CA; gradual lower contact. | DD2299 | 128.00 | 128.25 | 0.25 | 42 | 17 | 69 | 40.5 |
| 129.0 | 130.6 | DEBRIS FLOW (LAHAR) - as at 115.7-121.0 - gradual upper contact; sharp lower contact oriented 30° to CA. | | | | | | | | |
| 130.6 | 141.9 | MAFIC TO INTERMEDIATE VOLCANIC ROCK - as at 106.4-115.7 - minor carbonatic alteration along fracture | DD2300 DD2301 DD2302 | 131.00 133.90 136.80 | 131.25 134.15 137.05 | 0.25 0.25 0.25 | 42 42 42 | 14 16 15 | 70 61 120 | 40.5 40.5 40.5 |

GETTY MINES, LIMITED

Hole Number

DL-83-45

DRILL HOLE LOG

| FROM | TO | DESCRIPTION | SAMPLE NUMBER | METRES | | CORE LGTH | ASSAY | | | |
|-------|-------|---|------------------|-----------------|------------------|--------------|----------|----------|-----------|--------------|
| | | | | FROM | TO | | Au(ppm) | Cu(ppm) | Zn(ppm) | Pb(ppm) |
| 141.9 | 144.8 | ARGILLACEOUS METASEDIMENTARY ROCK. - dark-grey, hard, fine to medium-grained, locally weakly magnetic. - light metasedimentary rock with banded argillite. Bands are generally 1-2 cm in width and are oriented 60-70° to CA. - there are a few sedimentary bands made up of a variety of other minerals, such as chlorite, biotite, and epidote. - carbonated on some fracture surfaces. - 1% pyrite + pyrrhotite, disseminated. - upper contact gradational; lower contact oriented 20° to CA (with soft sediment deformation features). - partially silicified in places, as at 144.6 (contact zone). | DD2304 | 142.50 | 143.75 | 0.25 | 22 | 35 | 97 | 20.5 |
| 144.8 | 146.9 | MAFIC VOLCANIC ROCK - grey to dark-grey, hard, fine-grained, non-magnetic. - upper and lower contacts are sharp and irregular at 30° to CA. Contact zones show evidence of soft sediment deformation, suggesting that the flow was deposited on unconsolidated sediments. An alternative explanation would be that this is a mafic intrusion. - has small (1-2 mm) white specks disseminated throughout. These are probably feldspar being altered to clay minerals. - 1-2% pyrite + pyrrhotite throughout. | DD2305 DD2306 | 145.4 146.40 | 145.65 146.90 | 0.25 0.50 | 22 22 | 10 11 | 100 71 | 20.5 20.5 |

125



32E13SE0012 38 ATKINSON LAKE

900

W 8506.125 The Mini

AT

Lower Nelson Lake Area T-890

Name and Address of Recorded Holder
GETTY CANADIAN METALS LIMITED
 150 York Street, Suite 1200, Toronto, Ontario M5H 3S5

Summary of Work Performance and Distribution of Credits

| Total Work Days Cr. claimed 10,910 | Mining Claim | | Work Days Cr. | Mining Claim | | Work Days Cr. | Mining Claim | | Work Days Cr. |
|---|--------------|--------|---------------|--------------|--------|---------------|--------------|--------|---------------|
| | Prefix | Number | | Prefix | Number | | Prefix | Number | |
| for Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

See attach. List
See attach. List

All the work was performed on Mining Claim(s): See attached list (A)

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Bradley Bros.
 P.O. Box 2367
 98 - 14th Street
 Noranda, Quebec
 J9X 5A9

FORCUPINE MINING DIVISION
RECEIVED
 APR 10 1985 P.M.
 A.M. 7|8|9|10|11|12|1|2|3|4|5|6

RECORDED
 APR 10 1985
 Receipt No. [Signature]

All core stored at camp on Atkinson Lake.

| | |
|----------------------------------|---|
| Date of Report March 28, 1985 | Recorded Holder or Agent (Signature) K. Sutherland |
|----------------------------------|---|

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying
K. Sutherland c/o Getty Canadian Metals, Limited, 150 York Street, Suite 1200, Toronto, Ontario M5H 3S5

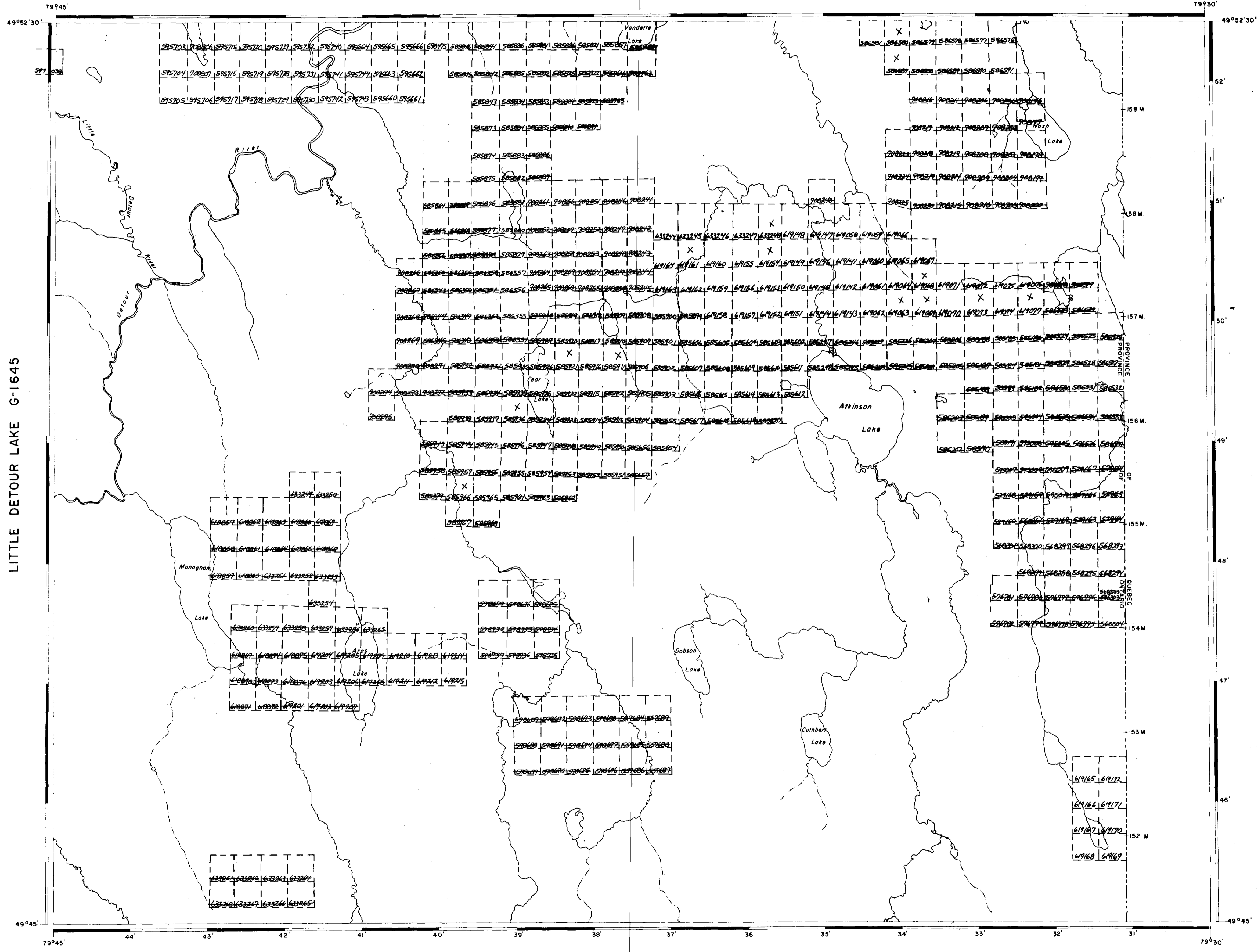
| | |
|----------------------------------|---|
| Date Certified March 28, 1985 | Certified by (Signature) K. Sutherland |
|----------------------------------|---|

Table of Information/Attachments Required by the Mining Recorder

| Type of Work | Specific information per type | Other information (Common to 2 or more types) | Attachments |
|---|--|---|--|
| Manual Work | Nil | Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment. | Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post. |
| Shaft Sinking, Drifting or other Lateral Work | | | |
| Compressed air, other power driven or mechanical equip. | Type of equipment | Names and addresses of owner or operator together with dates when drilling/stripping done. | |
| Power Stripping | Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording. | | |
| Diamond or other core drilling | Signed core log showing; footage, diameter of core, number and angles of holes. | Nil | Work Sketch (as above) in duplicate |
| Land Survey | Name and address of Ontario land surveyor. | | Nil |

TRIM LINE

LOWER DETOUR LAKE G-1647



REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M.+S. - MINING AND SURFACE RIGHTS

| Description | Order No. | Date | Disposition | File |
|-------------|-----------|------|-------------|------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

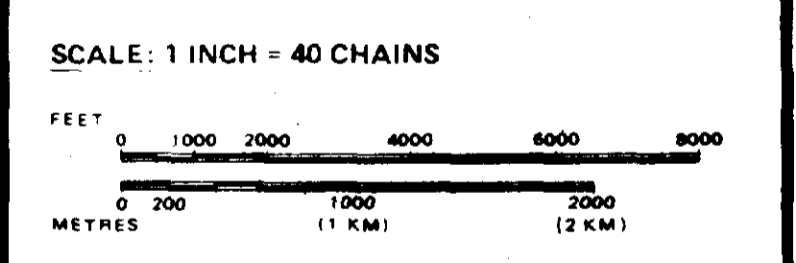
LEGEND

| | |
|------------------------------------|--|
| HIGHWAY AND ROUTE No. | |
| OTHER ROADS | |
| TRAILS | |
| SURVEYED LINES | |
| TOWNSHIPS, BASE LINES, ETC. | |
| LOTS, MINING CLAIMS, PARCELS, ETC. | |
| UNSURVEYED LINES | |
| LOT LINES | |
| PARCEL BOUNDARY | |
| MINING CLAIMS ETC. | |
| RAILWAY AND RIGHT OF WAY | |
| UTILITY LINES | |
| NON-PERENNIAL STREAM | |
| FLOODING OR FLOODING RIGHTS | |
| SUBDIVISION OR COMPOSITE PLAN | |
| RESERVATIONS | |
| ORIGINAL SHORELINE | |
| MARSH OR MUSKEG | |
| MINES | |
| TRAVERSE MONUMENT | |

DISPOSITION OF CROWN LANDS

| TYPE OF DOCUMENT | SYMBOL |
|---------------------------------|--------|
| PATENT, SURFACE & MINING RIGHTS | |
| " SURFACE RIGHTS ONLY | |
| " MINING RIGHTS ONLY | |
| LEASE, SURFACE & MINING RIGHTS | |
| " SURFACE RIGHTS ONLY | |
| " MINING RIGHTS ONLY | |
| LICENCE OF OCCUPATION | |
| ORDER-IN-COUNCIL | |
| RESERVATION | |
| CANCELLED | |
| SAND & GRAVEL | |

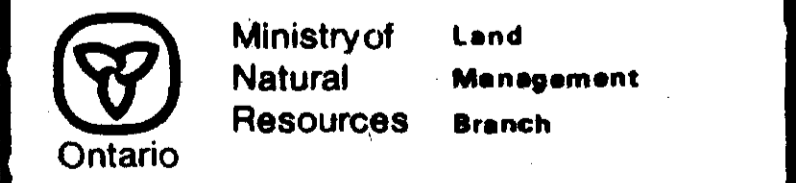
NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 8, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 300, SEC. 63, SUBSEC. 1.



AREA

ATKINSON LAKE

M.N.R. ADMINISTRATIVE DISTRICT
 COCHRANE
 MINING DIVISION
 PORCUPINE
 LAND TITLES / REGISTRY DIVISION
 COCHRANE



Date: DECEMBER 1982
 Number: G-1626
 497793

LITTLE DETOUR LAKE G-1645

KINGROY LAKE G-1643

TRIM LINE

