



42C03NW0557 42C04NE0010A1 PUKASKWA RIVER

010

Diamond Drilling

Area of PUKASKWA RIVER

Report NO 10

Work performed by: Samuel Ciglin

| Claim NO | Hole NO | Footage | Date | Note |
|----------|------------|----------------|--------|------|
| 80848 | PK-1 | 300.0' | Jan/67 | |
| | PK-2 | 307.0' | Jan/67 | |
| | PK-3 | 269.0' | Jan/67 | |
| | PK-4 | 316.0' | Jan/67 | |
| | PK-5 | 376.0' | Feb/67 | |
| | PK-6 | 426.0' | Feb/67 | |
| | PK-7 | 244.0' | Mar/67 | |
| | <u>704</u> | <u>2238.0'</u> | | |

Notes:

DIAMOND DRILL LOG

PROPERTY INTERNATIONAL BIBIS TIN MINES LTD.

LOCATION Pikaskwa River Area, Ont.

COLLAR: LAT. 100' N. of Base Line

DEP. 100' S. of

ELEV. Surface

BEARING S 150° W

DIP 45°

NOT TO BE REMOVED FROM
THE OFFICE OF THE RESIDENT
GEOLOGIST, ONT. DEPT. OF MINES
BAULT STE. MARIE, ONT.

D. HOLE NO. PK-1

PAGE 1

DEPTH OF HOLE 3001
STARTED Jan. 9, 1967.
COMPLETED Jan. 12, 1967.
DRILLED BY Lake Superior D.D.
Core Size AYT

| From | To | | Sample No. | Core Ft. | %Cu | Au | Ag |
|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|-----|-----|-----|
| 0 | 2.5' | CASING | | | | | |
| 2.5' | 66' | RHYOLITE Light grey, well banded at 60° to the core axis, in part intruded by carbonate and silica. Partially oxidized vuggy sections near surface. SAMPLES: At 2.5' - 7.5' Fine grained pyrite mineralization approximately 10%. Taken by P. Nabigon. At 30' - 32' Fine grained pyrite mineralization approximately 15%. Taken by P. Nabigon. | 20 | 5.0 | - | Nil | Nil |
| | | | 21 | 2.0 | - | Nil | Tr |
| 66' | 92' | GRAPHITIC ZONE Well banded and contorted graphitic rock that is further altered with silica and carbonate minerals. At 74' 1/2" x 3/4" chunk of chalcopyrite. SAMPLE: At 75' - 76.5' Graphitic shearing with 5% content of pyrite cubes. Taken by P. Nabigon. | 22 | 1.5 | .02 | Nil | |
| 92' | 129' | SILICIFIED INTERMEDIATE LAVA Good banding at 60° to the core axis. Well silicified rock. Top contact is a red brown colour and the main rock is medium grey colour. The rock is very hard and consists of fine grained dark bands with alternating light coloured silica bands. A few stringers and veinlets of quartz of later age intrude this rock at haphazard angles to the core, and to the banding. | | | | | |
| 129' | 135' | SILICIFIED INTERMEDIATE LAVA Very badly broken up core in part consisting of cave material. | | | | | |
| 135' | 140' | No core | | | | | |
| 140' | 300' | ANDESITE Fine grained to medium grained, medium green coloured andesite lava rock with whitish mottles of feldspar. Reasonably well banded at 60° to the core axis, in part altered to chlorite and silicified by lit-par-lit quartz intrusion. SAMPLES: At 140' - 150' As above with 3 - 5% mineralized by chalcopyrite and pyrite. Taken by P. Nabigon At 150' - 157.5'. As above with 1% mineralized by pyrite and chalcopyrite. Taken by P. Nabigon From 172' - 184' Scattered sections of heavy quartz. FAULT at 178.8' - 179' Corroded section with gouge. Fracturing roughly at 60° to the core axis. | 23 | 10 | .91 | Nil | Tr |
| | | | 24 | 7.5 | .19 | Nil | |
| 300' | | END OF HOLE. | | | | | |

Drill Core Log

SCOPE MINING & EXPLORATION CONSULTANTS
LIMITED

Property International Bibis Tin Mines Ltd.

Hole No. FK-2

Latitude 1 + 00 N Bearing E 15° W Page 1 of 3

Departure 0 + 00 on B. Line Dip - 45° (collar)

Location Fukaskwa River Length 307 Core Size AXT (1-1/4")

Elevation Surface Started Jan. 15, 1967 Completed Jan. 20, 1967

| FROM | TO | FORMATION | SAMPLE NO. | LENGTH FT. | Cu % |
|------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------|
| 0 | 17.0 | <u>Rhyolite or Intermediate Lava</u> light grey, well banded at 45° to core axis; rusty oxidation on fracture surfaces near top of hole. | | | |
| 17.0 | 18.0 | <u>Rhyolite</u> - as above, some pyrite and sphalerite in narrow seams; well banded at 45° to 50° to core axis. | 25 | 1.0 | 0.02 |
| 18.0 | 25.0 | <u>Rhyolite</u> - as above; some scattered disseminated sulphides; mostly pyrite. | 26 | 0.9 | 0.01 |
| 25.0 | 75.0 | <u>Rhyolite</u> - as above; scattered disseminated sulphides in places; mostly pyrite, some minor pyrrhotite. | | | |
| 75.0 | 76.5 | <u>Rhyolite</u> - as above; some disseminated sphalerite considerable pyrite in cubes. | 27 | 1.5 | 0.01 |
| 76.5 | 96.0 | <u>Silicified Intermediate Lava</u> distinctly banded, mostly at 45° to core axis; very siliceous; a pyritized 2" fault zone at 94 ft.; much broken core near bottom of section; numerous quartz stringers and veinlets. | | | |
| 96.0 | 96.8 | <u>Lost Core</u> | | | |
| 96.8 | 119.0 | <u>Silicified Intermediate Lava</u> as above. | | | |

96 CORE RECOVERY

Drilled by Lake Superior Diamond Drilling logged by H. Watts
Fort Arthur, Ont.

SSM-1113

Core Log

SCOPE MINING & EXPLORATION CONSULTANTS
LIMITED

SCOPE

Property International Bibis Tin Mines Ltd.Hole No. FK-2Latitude _____ Bearing _____ Page 2 of 3

Departure _____ Dip _____

Location _____ Length _____ Core Size _____

Elevation _____ Started _____ Completed _____

| FROM | TO | FORMATION | SAMPLE NO. | LENGTH FT. | Cu % |
|-------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------|
| 119.0 | 131.0 | <u>Volcanic Tuff</u> - fragmented, light grey to greenish grey in colour, altered, numerous blebs of quartz and feldspar, chloritic in places; much broken core; well banded at 60° to core axis. | | | |
| 131.0 | 138.2 | <u>Andesite</u> - fine grained, medium to dark green colour with whitish mottles of feldspar; much quartz, about 1 to 3% sulphide mineralization including pyrite, sphalerite and chalcopyrite; some possible pyrrhotite; faint banding at 60° to core axis. | 28 | 7.2 | 0.34 |
| 138.2 | 143.8 | <u>Andesite</u> - as above, considerably more chalcopyrite; more quartz. | 29 | 5.6 | 0.49 |
| 143.8 | 150.5 | <u>Andesite</u> - as above, much broken core near bottom of section. | 30 | 6.7 | 0.20 |
| 150.5 | 161.0 | <u>Andesite</u> - as above, a few blobs of chalcopyrite up to 1/2" in diameter; banding more distinct. | 31 | 10.5 | 0.40 |
| 161.0 | 166.7 | <u>Andesite</u> - more mottled; becoming tuffaceous; much more quartz; considerably more sulphides. | 32 | 5.7 | 0.85 |
| 166.7 | 176.0 | <u>Volcanic Tuff</u> - light greenish grey, fair banding in places; mottled, much quartz in angular blobs; negligible sulphides. | | | |

96 % CORE RECOVERY

Drilled by Lake Superior Diamond Drilling Port Arthur, Ont. Logged by H. Watts

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D. Core Log

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Property International Bibis Tin Mines Ltd.

Hole No. PK-2

Latitude _____ Bearing _____ Page 3 of 3

Departure _____ Dip _____

Location _____ Length _____ Core Size _____

Elevation _____ Started _____ Completed _____

| FROM | TO | FORMATION | SAMPLE NO. | LENGTH FT. | Cu % | Zn % |
|-------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------|--------------------|
| 176.0 | 181.0 | <u>Andesite</u> - as above, fair chalcopyrite, about 5% sulphides; tuffaceous in places. | 34 | 5.0 | 2.30 | Nil |
| 181.0 | 186.0 | <u>Andesite</u> - as above; less sulphides, more siliceous. | 35 | 5.0 | 0.94 | |
| 186.0 | 196.0 | <u>Silicified Intermediate Lava</u> - mottled appearance, light green coloured to light grey, 1 to 3% sulphides, rhyolitic texture. | 36 | 10.0 | 0.62 | |
| 196.0 | 200.0 | <u>Silicified Intermediate Lava</u> - as above, about 1% sulphides; mostly chalcopyrite. | 37 | 4.0 | 0.33 | |
| 200.0 | 272.0 | <u>Silicified Intermediate Lava</u> - massive quartz at 223' minute flecks sulphides apparent throughout with occasional blobs of chalcopyrite; numerous quartz bands become denser more massive with less quartz near bottom of section. | | | | |
| 272.0 | 307.0 | <u>Andesite</u> - faintly banded with quartz intrusions near top of section. Becoming massive, denser with very little quartz near bottom, fine to medium grained, light-green, becoming darker and much coarser near lower end of section; last 20 ft. very uniform, massive and coarse. | | | | |
| END OF HOLE | | | | | | |
| | | | | | | 96 * CORE RECOVERY |

Drilled by Lake Superior Diamond Drilling Logged by H. Watts
Port Arthur, Ont.

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Drill Core Log

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Property International Bible Tin Mines Ltd.

Hole No. ... EK-2

Latitude _____ Bearing _____ Page _____

Departure _____ Dip _____

Location _____ Length _____ Core Size _____

Elevation _____ Started _____ Completed _____

| FROM | TO | FORMATION | SAMPLE NO. | LENGTH FT. | |
|----------------------------|-------|------------------------------------------------|------------|------------|------|
| <u>Additional Sampling</u> | | | | | |
| 166.7 | 169.0 | <u>Volcanic Tuff</u> - less than 1% sulphides. | 61 | 2.3 | 0.14 |
| 169.0 | 174.0 | <u>As above</u> | 62 | 5.0 | 0.15 |
| 174.0 | 176.0 | <u>As above</u> | 63 | 2.0 | 0.23 |

Handwritten mark

CORE RECOVERY

Drilled by Lake Superior Diamond Drilling logged by H. Watta

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Drill Core Log

SCOPE MINING & EXPLORATION CONSULTANTS
LIMITEDProperty International Bible Tin Mines Ltd.Hole No. PK-3Latitude 1 + 00 N of B. Line Bearing S 15° W Page 1 of 3Departure 1 + 00 W of 0 + 00 Dip - 45° (collar)Location Pukaskwa River Length 269 ft. Core Size AXT (1-1/4")Elevation Surface Started Jan. 24, 1967 Completed Jan. 26, 1967

| FROM | TO | FORMATION | SAMPLE NO. | LENGTH FT. | % Cu |
|-------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|--------------------|
| 0 | 4.0 | <u>Casing - (Overburden)</u> | | | |
| 4.0 | 114.0 | <u>Rhyolite or Intermediate Lava - light grey coloured, faint to moderate banding at 40° to 50° to core axis; rusty oxidation on fracture surfaces near top of hole; several calcite filled slips, mostly conformable with banding; numerous quartz stringers and veinlets; very siliceous, very hard; 113.0 to 114.0 badly broken core consisting in part of cave material.</u> | | | |
| 114.0 | 117.5 | <u>Lost Core</u> | | | |
| 117.5 | 120.8 | <u>Broken Core - consisting mainly of fault gouge.</u> | | | |
| 120.8 | 123.0 | <u>Silicified Intermediate Lava and Volcanic Tuff - some reddish hematite stain on fracture surfaces fragmented with angular quartz particles almost porous in places; less than 1% sulphides; mostly chalcopyrite.</u> | 38 | 2.2 | 0.23 |
| 123.0 | 128.5 | <u>Volcanic Tuff - as above, mottled, about 3% sulphides, mostly chalcopyrite.</u> | 39 | 5.5 | 0.90 |
| 128.5 | 137.0 | <u>Volcanic Tuff - altered, mottled, mostly chlorite, foliated less than 1% sulphides.</u> | 40 | 8.5 | 0.05 |
| | | | | | 95 % CORE RECOVERY |

Drilled by Lake Superior Diamond Drilling Logged by H. Watts
Port Arthur, Ont.

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Drill Core Log

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Property International Bibla Tia Mines Ltd.

Hole No. PK-3

Latitude _____ Bearing _____ Page 2 of 3

Departure _____ Dip _____

Location _____ Length _____ Core Size _____

Elevation _____ Started _____ Completed _____

| FROM | TO | FORMATION | SAMPLE NO. | LENGTH FT. | Cu % | Zn % |
|-------|-------|----------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|--------------------|-------------------------------|
| 137.0 | 140.0 | <u>Volcanic Tuff</u> - as above considerably more quartz, much more sulphides, (about 7%); estimated Cu 1.7% | 41 | 3.0 | 0.92 | |
| 140.0 | 150.0 | <u>Tuff</u> - considerably less quartz and sulphides, less than 1%. | 42 | 10.0 | 0.02 | |
| 150.0 | 172.0 | <u>Volcanic Tuff</u> - pale green, mottled with quartz blobs and angular fragments, altered, chloritic, crumbly in places, much broken core. | | | | |
| 172.0 | 174.0 | <u>Volcanic Tuff</u> - as above, some stringers and blobs chalcopryite. Estimated Cu 0.2%. | 43 | 2.0 | 0.07 | |
| 174.0 | 198.0 | <u>Volcanic Tuff</u> - as above, with occasional isolated blobs of chalcopryite. | | | | |
| 198.0 | 202.5 | <u>Volcanic Tuff and Andesites</u> - as above, becoming more massive, about 1% sulphides. | 44 | 4.5 | 0.20 | |
| 202.5 | 208.0 | <u>Andesite</u> - pale to medium green some banding at 60% to core axis, about 5% sulphides. | 45 | 5.5 | 0.94 | Nil) 1.15% Cu 10.5' |
| 208.0 | 213.0 | <u>Andesite</u> - as above, considerable chalcopryite, about 7 to 10% sulphides. | 46 | 5.0 | 1.37 | Nil) |
| 213.0 | 218.0 | <u>Andesite</u> - as above, less sulphides, 1% to 3%. | 47 | 5.0 | 0.15 | |
| | | | | | 95 % CORE RECOVERY | |

Drilled by Lake Superior Diamond Drilling, Logged by H. Watts
Port Arthur, Ont.

SSM-1110

Drill Core Log

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SCOPE

Property International Bible Tin Mines Ltd.

Hole No. PK-3

Latitude _____ Bearing _____ Page 3 of 3

Departure _____ Dip _____

Location _____ Length _____ Core Size _____

Elevation _____ Started _____ Completed _____

| FROM | TO | FORMATION | SAMPLE NO. | LENGTH FT. | | | |
|-----------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|--|--|--|
| 218.0 | 248.0 | <u>Andesite</u> - tuffaceous in places, mottled, becoming more uniform and massive, chloritic; some minor chalcopyrite with occasional larger blobs without continuity. | | | | | |
| 248.0 | 269.0 | <u>Andesite</u> - massive, uniform medium to coarse grained; pale to medium green; some pyrite visible on fracture surfaces. | | | | | |
| END OF HOLE | | | | | | | |
| ND | | | | | | | |
| * CORE RECOVERY | | | | | | | |

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Fort Arthur, Ont.

Drill Core Log

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Property International Bible Tin Mines Ltd.

Hole No. PK-4

Latitude 1 + 25 N of baseline Bearing S 15° W Page 1 of 2

Departure 2 + 00 W on baseline Dip 45° (collar)

Location Pukaskwa Rl. Area Length 316 ft. Core Size AXT (1-1/4")

Elevation Surface Started Jan. 27, 1967 Completed Jan. 30/67

| FROM | TO | FORMATION | SAMPLE NO. | LENGTH FT. | Cu % |
|-------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|--------------------|
| 0 | 7.0 | <u>Coverburden</u> (casing 8.0 ft.) | | | |
| 7.0 | 146.0 | <u>Rhyolite</u> - light grey colour, moderate banding at 40° to 50° to core axis; rusty surfaces near top of hole; a few stringers and veinlets of quartz cutting across core at haphazard angles. | | | |
| 146.0 | 148.0 | <u>Broken Core</u> - broken pieces consist mainly of recemented brecciated fault gouge. | | | |
| 148.0 | 156.5 | <u>Fault Zone</u> - recemented, brecciated fault gouge, much fragmented quartz, some fine disseminated chalcopryite near bottom of section. | | | |
| 156.5 | 158.0 | <u>Broken Core</u> - as above, consisting in part of cave material, less than 1% sulphides. | 56 | 1.5 | 0.36 |
| 158.0 | 161.0 | <u>Volcanic Tuff</u> - partly brecciated considerable quartz, 3% to 5% sulphides; mostly chalcopryite, mostly broken core. | 57 | 3.0 | 1.90 |
| 161.0 | 165.0 | <u>Quartz and Volcanic Tuff</u> - about 80% quartz, 3% or less sulphides. | 58 | 4.0 | 0.63 |
| 165.0 | 175.0 | <u>Volcanic Tuff</u> - pale green colour, partly brecciated, considerable quartz, less than 1% sulphides, very fine; mostly chalcopryite. | | | |
| | | | | | 95 % CORE RECOVERY |

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Port Arthur, Ont.

SSM-1113

Drill Core Log

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Property: International Bibis Tin Mines Ltd.

Hole No. PK-4

Latitude _____ Bearing _____ Page 2 of 2

Departure _____ Dip _____

Location _____ Length _____ Core Size _____

Elevation _____ Started _____ Completed _____

| FROM | TO | FORMATION | SAMPLE NO. | LENGTH FT. | Cu % |
|-------|-------|-------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------|
| 165.0 | 175.0 | <u>Volcanic Tuff</u> - pale green colour, partly brecciated; considerable quartz; less than 1% sulphides; very fine; mostly chalcopyrite. | 59 | 10.0 | 0.04 |
| 175.0 | 185.0 | <u>Volcanic Tuff</u> - as above. | 60 | 10.0 | 0.26 |
| 185.0 | 235.0 | <u>Volcanic Tuff</u> - as above, less sulphides, mostly pyrite. | | | |
| 235.0 | 277.0 | <u>Andesite</u> - tuffaceous in places becoming more massive near bottom of section. | | | |
| 277.0 | 316.0 | <u>Andesite</u> - pale to medium green, uniform and massive; medium to coarse grained. | | | |

END OF HOLE

95 + CORE RECOVERY

Drilled by L. Superior Diamond Drilling _____ Logged by H. Watts
Fort Arthur, Ontario

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Drill Core Log

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Property International Bible Tin Mines Ltd.

Hole No. ... FK-5

Latitude 1 + 50 N. of base- Bearing S 15° W Page 1 of 2
line

Departure 0 + 50 E. of 0 Dip -45° (collar)

Location Pukaskwa River Length 376 ft. Core Size 1.XT (1-1/4")

Elevation Surface Started Jan. 31, 1967 Completed Feb. 18/67

| FROM | TO | FORMATION | SAMPLE NO. | LENGTH FT. | Cu % |
|-------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------|
| 0 | 1.0 | Casing - overburden | | | |
| 1.0 | 144.5 | Rhyolite - light grey, well banded at 45° to 55° to core axis; oxidized, vuggy sections near surface, partly intruded with silica and carbonate; some pyrite visible in cubes from 125.0 to 138.0 ft. | | | |
| 144.5 | 205.0 | Silicified Intermediate Lava - faint banding at 45° to core axis; medium grey colour, very hard. | | | |
| 205.0 | 207.2 | Lost Core | | | |
| 207.2 | 208.0 | Silicified Intermediate Lava | | | |
| 208.0 | 211.0 | Lost Core | | | |
| 211.0 | 218.0 | Silicified Intermediate Lava | | | |
| 218.0 | 224.0 | Silicified Intermediate & Volcanic Tuff - considerable quartz, coarser grained, grey to greenish grey; some sulphides, mostly chalcopyrite. | 64 | 6.0 | 0.35 |
| 224.0 | 233.0 | Volcanic Tuff - mottled, greenish coloured, much quartz, some sulphides visible, negligible chalcopyrite. | | | |

95+ CORE RECOVERY

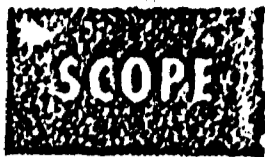
Drilled by L. Superior Diamond Drilling - Logged by, Fort Arthur, Ont.

H. Watts

SSM-1113

Drill Core Log

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LIMITED



Property International Bible Tin Mines Ltd.

Hole No. PK-5

Latitude _____ Bearing _____ Page 2 of 2

Departure _____ Dip _____

Location _____ Length _____ Core Size ..

Elevation _____ Started _____ Completed ..

| FROM | TO | FORMATION | SAMPLE NO. | LENGTH FT. | Cu % | Ag | Au |
|-------|-------|-------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------|------|-------------|
| 233.0 | 243.0 | <u>Volcanic Tuff</u> - as above, about 1% sulphides, mostly chalcopyrite. | 65 | 10.0 | 0.19 | | |
| 243.0 | 273.0 | <u>Volcanic Tuff</u> - as above, some scattered chalcopyrite in isolated blobs. | | | | | |
| 273.0 | 278.0 | <u>Volcanic Tuff</u> - less than 1% sulphides. | 48 | 5.0 | 0.12 | NII | |
| 278.0 | 286.0 | <u>As above</u> | 49 | 8.0 | 0.19 | NII | |
| 286.0 | 293.0 | <u>As above</u> - 3 to 5% sulphides | 50 | 7.0 | 1.43 | Tr | 1.47% |
| 293.0 | 299.0 | <u>As above</u> - about 1% sulphides | 51 | 6.0 | 0.25 | Tr | Cu 16.0' |
| 299.0 | 302.0 | <u>As above</u> - about 15% sulphides | 52 | 3.0 | 4.02 | 0.24 | 0.01 |
| 302.0 | 307.0 | <u>As above</u> - about 1% sulphides | 53 | 5.0 | 0.14 | NII | |
| 307.0 | 317.0 | <u>As above</u> - " " " | 54 | 10.0 | 0.11 | NII | |
| 317.0 | 324.0 | <u>As above</u> - less than 1% sulphides | 55 | 7.0 | 0.08 | NII | |
| 324.0 | 376.0 | <u>Andesite</u> - mostly massive, green coloured, numerous quartz stringers and veinlets; some hematite stain on fracture surfaces. | | | | | |

END OF HOLE

AW

RECORD RECOVERY

Drilled by L. Superior Diamond Drilling
 Logged by H. Watts

SSM-1113

Drill Core Log

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Property International Bible Tin Mines Ltd.

Hole No. PE-6

Latitude _____ Bearing _____ Page 2 of 2

Departure _____ Dip _____

Location _____ Length _____ Core Size _____

Elevation _____ Started _____ Completed _____

| FROM | TO | FORMATION | SAMPLE NO. | LENGTH FT. | Cu % |
|-------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------|
| 250.0 | 275.0 | Andesite - much quartz, contorted distorted, altered, tuffaceous in places, chloritic; some sulphides; mostly pyrite. | | | |
| 275.0 | 280.0 | Andesite - as above, some chalcopyrite. | 70 | 5.0 | .03 |
| 280.0 | 285.0 | Andesite - as above, more chalcopyrite, visible, 1 to 2% sulphides. | 71 | 5.0 | .38 |
| 285.0 | 290.0 | As above | 72 | 5.0 | .68 |
| 290.0 | 295.0 | As above | 73 | 5.0 | .48 |
| 295.0 | 300.0 | As above | 74 | 5.0 | .08 |
| 300.0 | 305.0 | As above | 75 | 5.0 | .04 |
| 305.0 | 310.0 | As above - 2" band massive sulphides at 309.5 | 76 | 5.0 | .13 |
| 310.0 | 315.0 | As above | 77 | 5.0 | .58 |
| 315.0 | 426.0 | Andesite - considerable quartz near upper end of section with occasional isolated blobs of chalcopyrite becoming massive; quartz fine and coarse grained. | | | |

END OF HOLE

HP

* CORE RECOVERY

Drilled by Lake Superior Diamond Drilling Logged by H. Watts
Port Arthur, Ont. James Watts

SSM-1113

Drill Core Log

SCOPE MINING & EXPLORATION CONSULTANTS
LIMITEDProperty International Bibla Tin Mines Ltd.Hole No. PK-7Latitude 1 + 00 N. of base line bearing S 15° W Page 1 of 2Departure 3 + 00 E. on base line dip - 45° (collar)Location Pukaskwa River Length 244 Core Size AXT (1-1/4")Elevation Surface Started Feb. 28, 1967 Completed Mar. 1, 1967

| FROM | TO | FORMATION | SAMPLE NO. | LENGTH FT. | Cu % | Zn % |
|-------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------|------|
| 0 | 8.0 | <u>Casing (Overburden)</u> | | | | |
| 8.0 | 10.0 | <u>Broken Core - oxidized</u> | | | | |
| 10.0 | 82.0 | <u>Rhyolite and Silicified Intermediate Lava</u> considerable shearing, much quartz and carbonates; some pyrite apparent; well banded in places at 45° to core axis. | | | | |
| 62.0 | 66.0 | <u>As above</u> - considerable pyrite, some chalcopyrite. | 78 | 4.0 | .02 | |
| 66.0 | 71.0 | <u>As above</u> - more chalcopyrite | 79 | 5.0 | .01 | |
| 71.0 | 76.0 | <u>As above</u> | 80 | 5.0 | Tr | |
| 76.0 | 79.0 | <u>As above</u> - very little sulphides | 81 | 3.0 | Tr | |
| 79.0 | 84.0 | <u>As above</u> - heavy sulphides; mostly pyrite. Narrow bands massive sulphides up to 3" wide. | 82 | 5.0 | .02 | Tr |
| 84.0 | 89.0 | <u>As above</u> - narrow bands massive sulphides. | 83 | 5.0 | Tr | .12 |
| 89.0 | 94.0 | <u>As above</u> - some possible sphalerite. | 84 | 5.0 | Tr | .22 |
| 94.0 | 99.0 | <u>As above</u> | 85 | 5.0 | .01 | .04 |
| 99.0 | 104.0 | <u>As above</u> - fewer sulphides | 86 | 5.0 | .01 | |
| 104.0 | 146.0 | <u>Silicified Intermediate Lava</u> - well banded at 50° to 60° to core axis; some pyrite near upper end of section; fewer quartz stringers; numerous bands chert like material. | | | | |

98 CORE RECOVERY

Drilled by Lake Superior Diamond Drilling Logged by H. Watts
Port Arthur, Ont.

SSM-111?

Drill Core Log

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Property International Bibla Tin Mines Ltd.

Hole No. PK-7

Latitude _____ Bearing _____ Page 2 of 2

Departure _____ Dip _____

Location _____ Length _____ Core Size _____

Elevation _____ Started _____ Completed _____

| FROM | TO | FORMATION | SAMPLE NO. | LENGTH FT. | | |
|-----------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|--|--|
| 146.0 | 162.0 | Volcanic Tuff - pale green coloured, mottled appearing, much fragmented quartz, chloritic, occasional isolated blob of chalcopyrite up to 3/8" in diam. | | | | |
| 162.0 | 244.0 | Andesite - mottled, with quartz banding becoming coarser grained, massive, and relatively quartz free. | | | | |
| END OF HOLE | | | | | | |
| <i>MP</i> | | | | | | |
| * CORE RECOVERY | | | | | | |

Drilled by Lake Superior Diamond Drilling Port Arthur, Ont. Logged by H. Wacts

SSM-1113

RECEIVED

JUL 28 1974

7 P.M. - 2, 2:8

Patricia M. Jenwick
M. Jenwick



ONTARIO

A separate form is required for each type of work to be recorded.

4204/SE

RESIDENT GEOLOGIST
SAULT STE. MARIE

THE MINING ACT REPORT OF WORK

To the Recorder of Sault Ste. Marie Mining Division

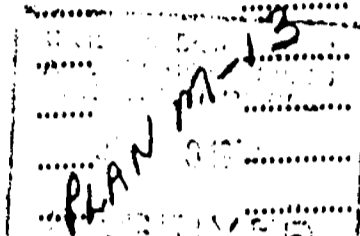
by Samuel Egan A-17200
name of Recorder Holder Minor's Licence

STE. 400, 67 RICHMOND ST. WEST, T.R.P. DIST. 1, ONTARIO
Post Office Address

do hereby report the performance of 2238 days of diamond drilling
type of work

not before reported to be applied on the following contiguous claims

| Claim No. | Days | Claim No. | Days | Claim No. | Days |
|-----------------------------------------|------|-----------|------|-----------|------|
| SEE APPENDIX OF CLAIMS ATTACHED HERETO: | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |



All the work was performed on Mining Claim (s) SSM 80848, SSM 80851, SSM 80857, SSM 80858
(In the case of geological and/or geophysical survey (s) where more than 15 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

- For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations - Names and addresses of the men who performed the work and the dates and hours of their employment.
- For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
- For Compressed Air or Other Power Driven or Mechanical Equipment - Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
- For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
- With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
- For Geological and Geophysical Survey - The names and addresses of men employed as well as dates. Type of instrument used in the case of geophysical survey. Reports and maps in duplicate must be filed with the Minister within 60 days of recording.
- For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

- SSM 80848 - HOLE PK 4 - 316 ft
HOLE PK 3 - 218 ft } 697 ft
HOLE PK 5 - 163 ft
- SSM 80857 - HOLE PK 2 - 169 ft
HOLE PK 3 - 51 ft } 526 ft
HOLE PK 5 - 128 ft
HOLE PK 6 - 178 ft
- SSM 80851 - HOLE PK 1 - 53 ft
HOLE PK 2 - 138 ft } 524 ft
HOLE PK 5 - 45 ft
HOLE PK 6 - 248 ft
- SSM 80858 - HOLE PK 1 - 247 ft } 491 ft
HOLE PK 7 - 244 ft

ALL GORE 1 1/4 inch diameter

Drilling done by Lake Superior Diamond Drilling Co. Ltd. - R.R. # 3 Port Arthur Ontario
Date July 27, 1967
Herbert Parliament
Signature of Recorder Holder or Agent
on behalf of Samuel Egan

The Mining Act
Certificate Verifying Report of Work

I, Herbert Parliament
506 DAVES ROAD, TORONTO 16, ONTARIO
(Post Office Address)

hereby certify:
1. 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.
2. That the annexed report is true.

Dated July 27th 19 67
Herbert Parliament
Signature

11-80848

JUL 31 1967

THE PENALTY FOR MAKING A FALSE STATEMENT IN THIS REPORT AND/OR CERTIFICATE IS \$500. OR SIX MONTHS IMPRISONMENT OR BOTH

APPENDIX OF CLAIMS

| <u>Claim No.</u> | <u>days</u> | <u>Claim No.</u> | <u>days</u> |
|------------------|-------------|------------------|-------------|
| SSM 80846 | 43 | SSM 81166 | 43 |
| SSM 80847 | 43 | SSM 81167 | 43 |
| SSM 80848 * | 55 | SSM 81168 | 43 |
| SSM 80849 | 43 | SSM 81169 | 43 |
| SSM 80850 | 43 | SSM 81170 | 43 |
| SSM 80851 * | 54 | SSM 81171 | 43 |
| SSM 80852 | 43 | SSM 81172 | 43 |
| SSM 80853 | 43 | SSM 81505 | 43 |
| SSM 80854 | 43 | SSM 81506 | 43 |
| SSM 80855 | 43 | SSM 81507 | 43 |
| SSM 80856 | 43 | SSM 81508 | 43 |
| SSM 80857 * | 54 | SSM 81509 | 43 |
| SSM 80858 * | 54 | SSM 81510 | 43 |
| SSM 80859 | 43 | SSM 81511 | 43 |
| SSM 80860 | 43 | SSM 81512 | 43 |
| SSM 80861 | 43 | SSM 81513 | 43 |
| SSM 81156 | 43 | SSM 81514 | 43 |
| SSM 81157 | 43 | SSM 81515 | 43 |
| SSM 81158 | 43 | SSM 81516 | 43 |
| SSM 81159 | 43 | SSM 81517 | 43 |
| SSM 81160 | 43 | SSM 81518 | 43 |
| SSM 81161 | 43 | SSM 81519 | 43 |
| SSM 81162 | 43 | SSM 81520 | 43 |
| SSM 81163 | 43 | SSM 81521 | 43 |
| SSM 81164 | 43 | SSM 81522 | 43 |
| SSM 81165 | 43 | | |

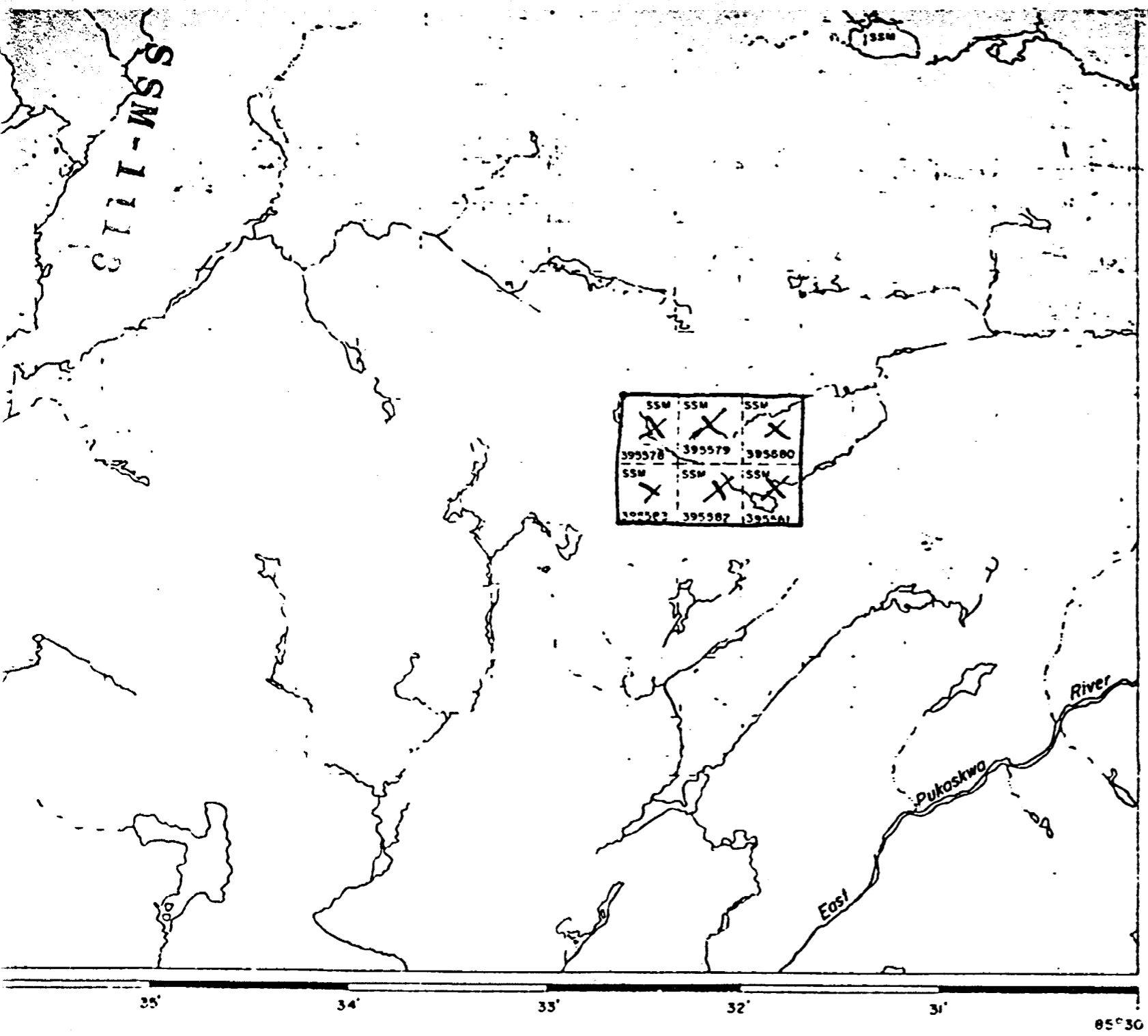
* Work done on these claims

| | | Summary of assay data International Bibis from L & L plan. | | |
|-----------|-------|------------------------------------------------------------------|----------|----------------|
| .4276 | 10.0' | Lo assay | | |
| 1.03 | 8.5 | | | |
| 1.15 | 10.5 | | | |
| .90 | 5.5 | | | |
| 1.47 | 10.0' | hi | | |
| 0.68 | 5.0 | Lo width of <1% Cu | Hole no. | ht. |
| 0.85 | 5.7 | | | 3 3 |
| 0.66 | 14.0 | hi width of <1% Cu | 1 | 300 |
| 1.12 | 20.0 | | 2 | 307 |
| 0.50 | 5.0 | | 3 | 269 |
| 0.51 | 13.0 | | 4 | 316 |
| 0.91 | 10.0 | | 5 | 376 |
| 0.41 | 5.0 | | 6 | 426 |
| 2.01 | 5.0 | hi assay | 7 | 244 |
| <u>14</u> | | | | <u>2,238</u> → |

5714 assays > 1.00% Cu

2-111

Pete
Samuel Ogden's
claims.



AREA OF

2-1844

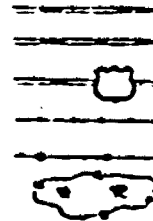
PUKASKWA RIVER

DISTRICT OF
THUNDER BAY
THUNDER BAY &
SAULT STE MARIE
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

- PATENTED LAND
- CROWN LAND SALE
- LEASES
- LOCATED LAND
- LICENCE OF OCCUPATION
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES



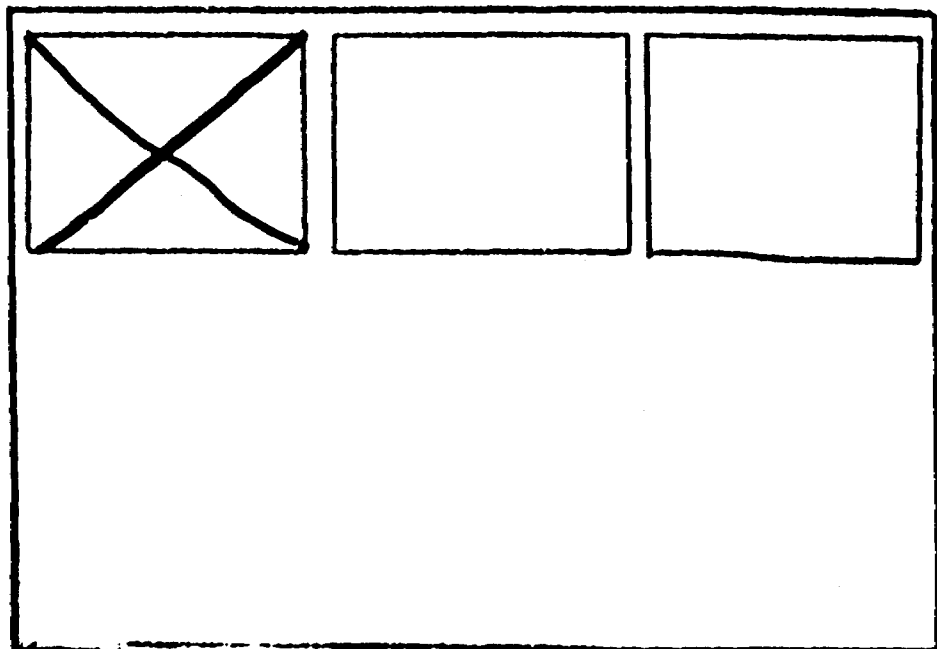
SEE ACCOMPANYING
MAP(S) IDENTIFIED AS
42C104 NE - 0010 - A1 #1



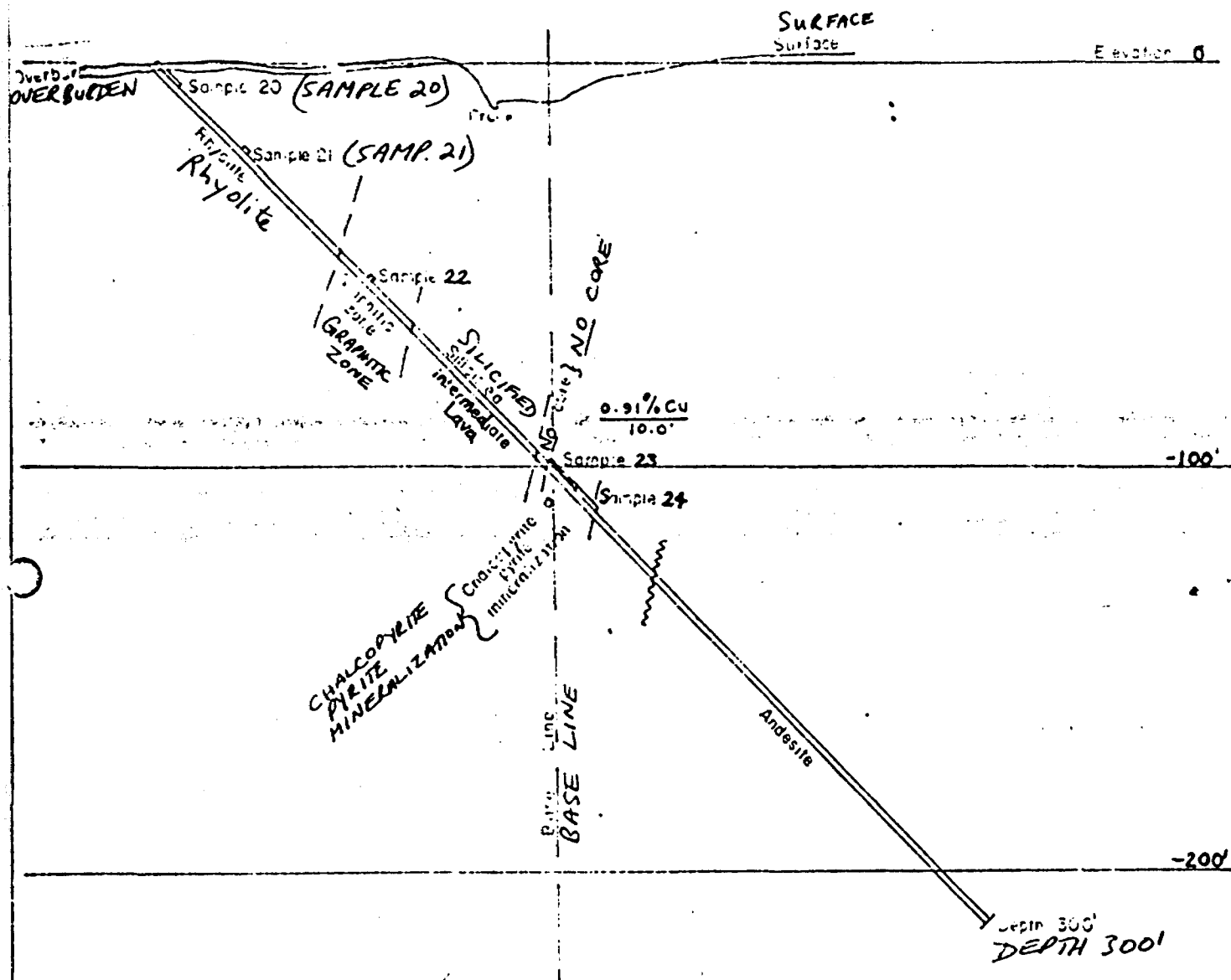
42C03NW0557 42C04NE0010A1 PUKASKWA RIVER

900

LOCATED IN THE MAP
CHANNEL IN THE FOLLOWING
SEQUENCE (X)



S 15° W
S 15° W



PROFILE SECTION D.D.H. PK-1
(LOOKING SOUTHWEST,
(LOOKING SE)
INTERNATIONAL BISIS PROPERTY
PUKASKWA RIVER AREA

CNT

1" = 40'

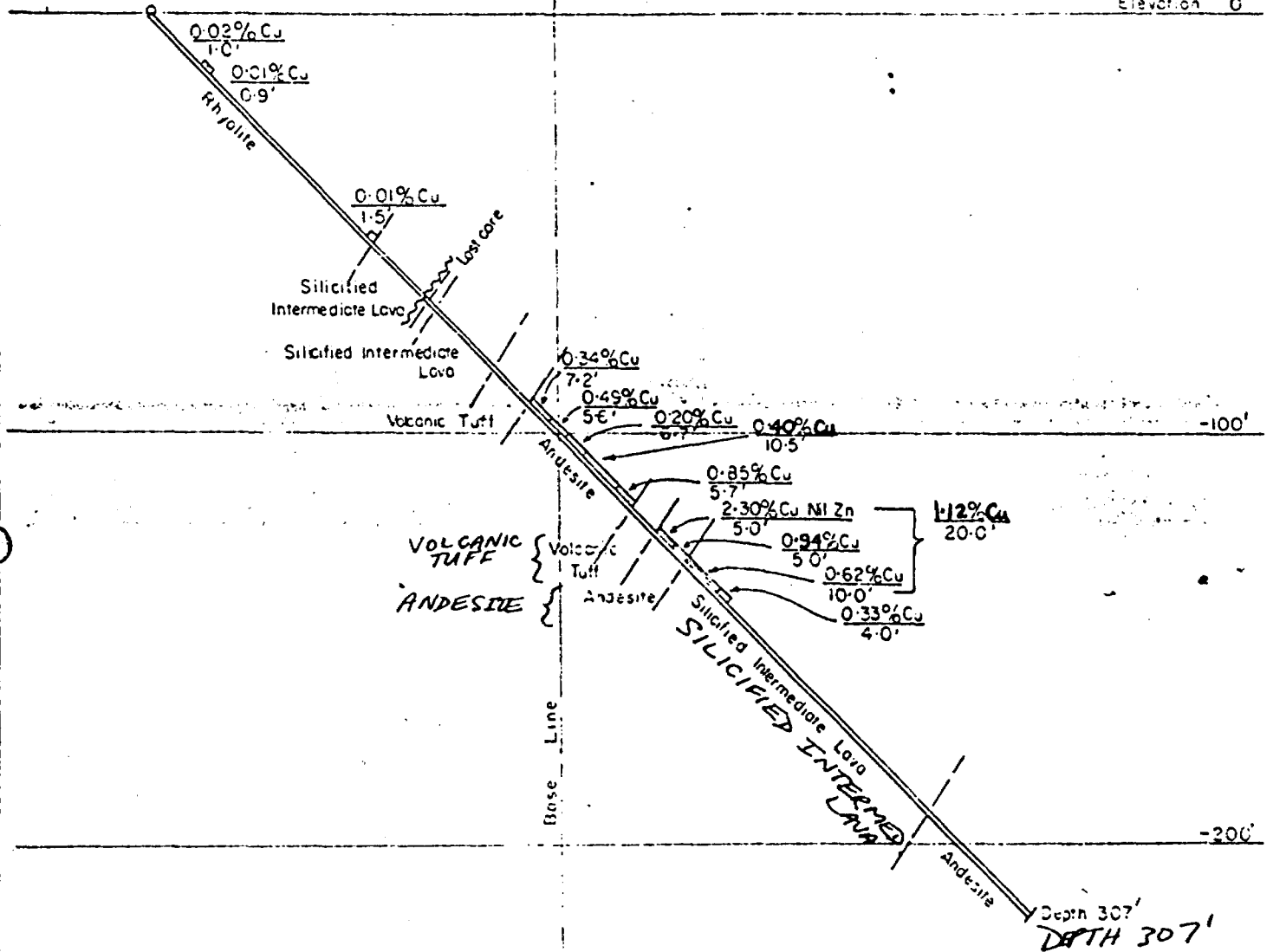
SCALE 1" = 40'



U.S. GEOLOGICAL SURVEY

S 15° W

Elevation 0



PROFILE SECTION D.D.H. PK-2
 (looking southeast) (LOOKING SE)
 INTERNATIONAL BISIS PROPERTY
 PUKASKWA RIVER AREA
 CNT.

SCALE 1" = 40'

Feb 1987

S 15° W

Elevation 0

Overburden

Rhyolite

Lead core
broken core

0.23% Cu
2.2'

0.90% Cu
5.5'

0.05% Cu
8.5'

0.02% Cu
10.0'

-100'

Silicified Intermediate Lava

0.07% Cu
2.0'

0.20% Cu
4.5'

0.94% Cu
5.5'

1.37% Cu Nil Zn
5.0'

1.15% Cu
10.5'

0.15% Cu
5.0'

Volcanic Tuff

Volcanic Tuff

Andesite

Base Line

Depth 155'

-200'

PK-3
PROFILE SECTION D.D.H. PK-3
(looking southeast)

INTERNATIONAL BISIS PROPERTY
PUKASKWA RIVER AREA
ONT.

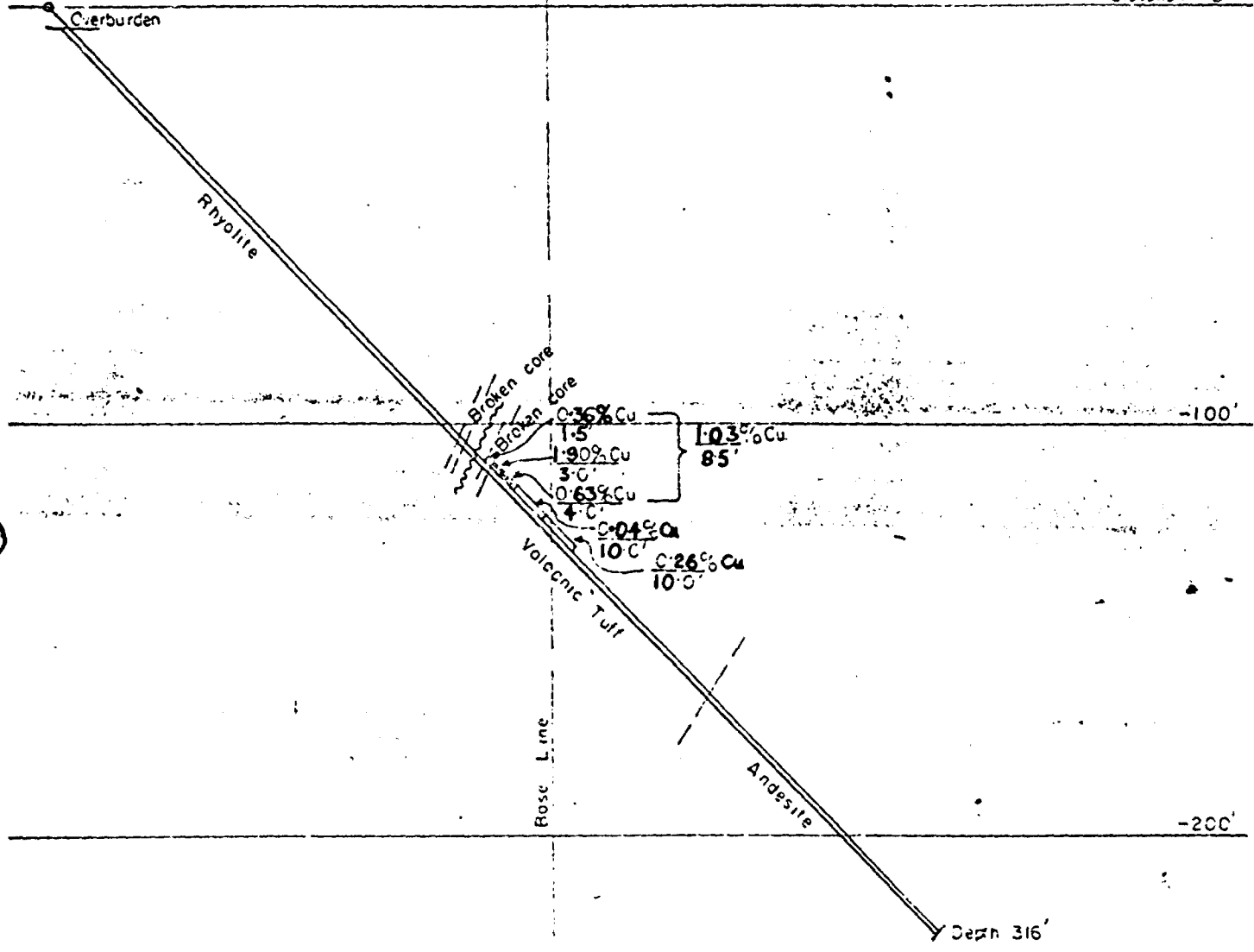
SCALE 1" = 40'

FEB 1967

FEB '67

S 15° W

Elevation C



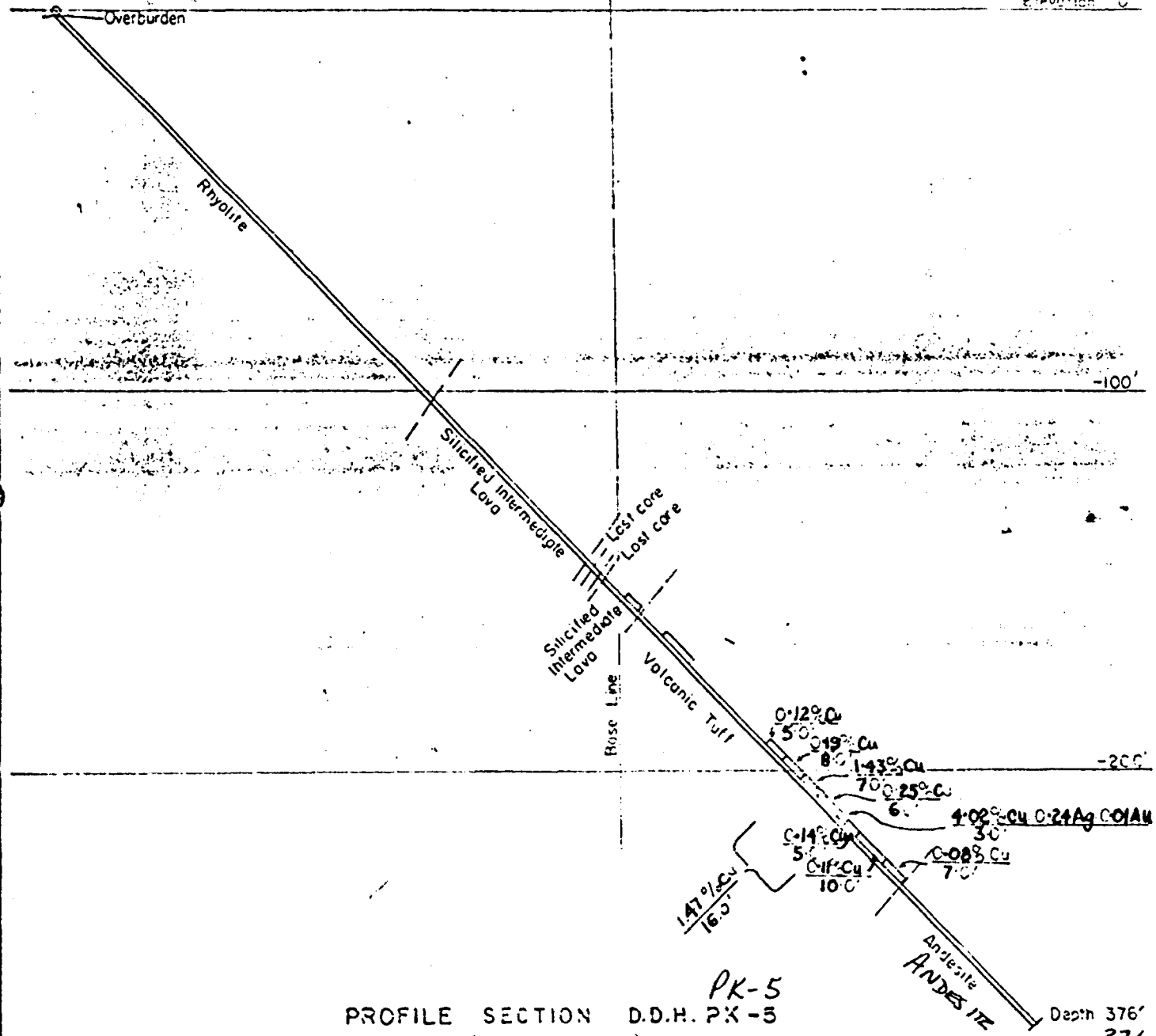
PROFILE SECTION D.D.H. PK-4
 (looking southeast)
 INTERNATIONAL BISIS PROPERTY
 PUKASKWA RIVER AREA
 ONT.

SCALE 1" = 40'

FEB '67
 Feb 1967

S 15° W

Elevation 0



PK-5
 PROFILE SECTION D.D.H. PK-5
 (Looking southward)

INTERNATIONAL BIBIS PROPERTY
 PUKASKWA RIVER AREA
 ONT.



SCALE 1" = 40'

Feb 1967

2 pages

S 15° W

Elevation -50

-150'

-250'

-350'

Overburden

TrCu
8.0

Rhyolite

TrCu
7.0

Graphitic

0.21% Cu
10.0

0.11% Cu
4.0

0.03% Cu
5.0

0.38% Cu
5.0

0.68% Cu
5.0

0.48% Cu
5.0

0.08% Cu
5.0

0.04% Cu
5.0

0.13% Cu
5.0

0.58% Cu
5.0

Bose Line

Andesite

PROFILE SECTION D.D.H. PK-5
(looking southeast) PK-6

INTERNATIONAL BISIS PROPERTY
PUKASKWA RIVER AREA

CNT.

DEPTH 426'
Depth 426

SCALE 1" = 40'

Feb 1967

S 15° W

Elevation 0

Overburden

Rhyolite
silicified
Intermediate Lava

0.02% Cu

4.0% Cu

0.01% Cu

5.0% Tr Cu

5.0% Tr Cu

3.8% Cu

0.02% Cu Tr Zn

5.0% Tr Cu

0.12% Zn

5.0% Tr Cu

0.22% Zn

0.01% Cu 0.04% Zn

0.01% Cu

0.07% Cu

5.0%

Base Line

Volcanic
Tuff

Andesite

Depth 244'

-100'

-200'

PK-7
PROFILE SECTION D.D.H. PK-7
(Looking south-east)

INTERNATIONAL BISIS PROPERTY
PUKASKWA RIVER AREA
ONT.

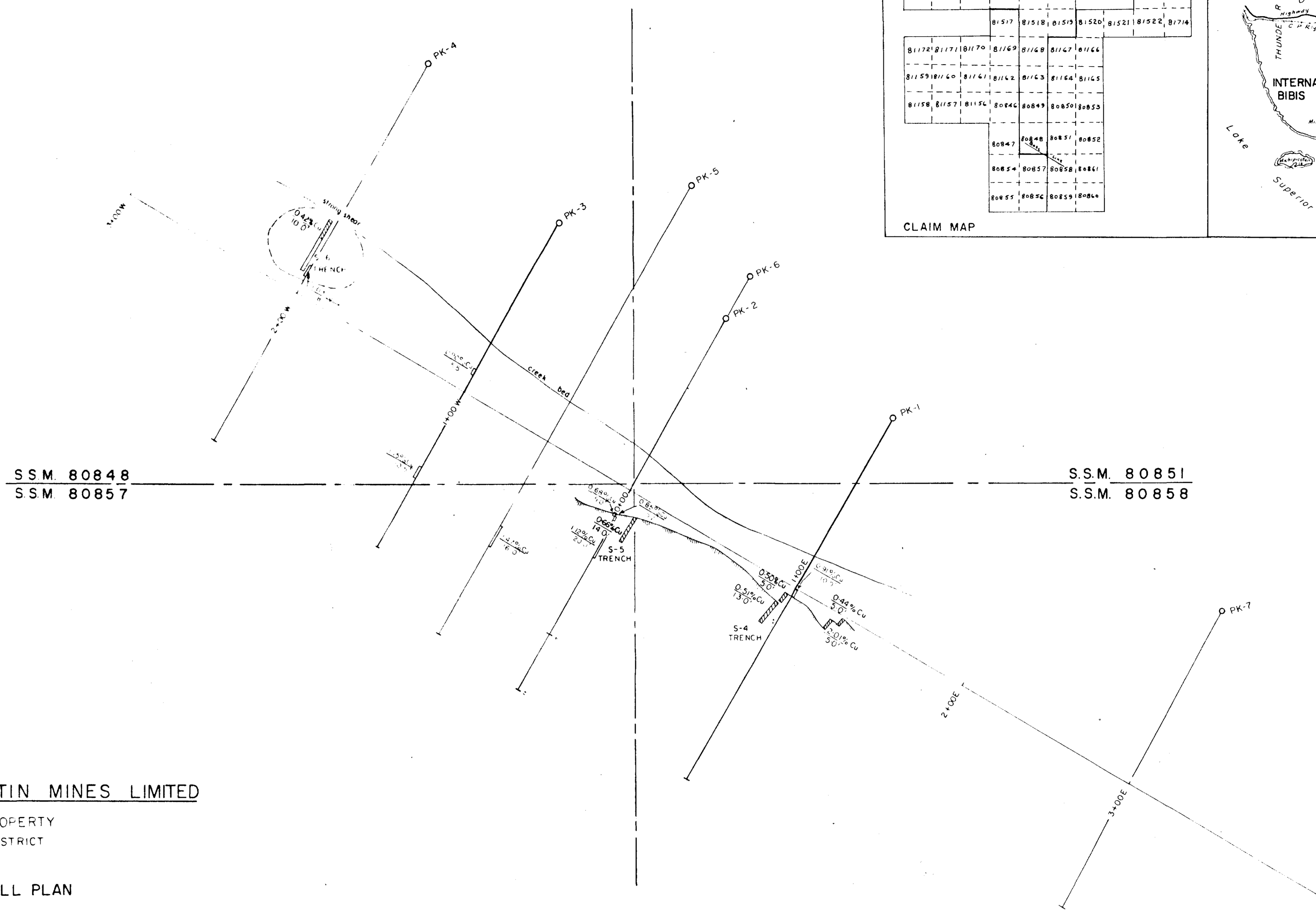
SCALE 1" = 40'

March 1967

FOR THE REPORT ON DIAMOND DRILLING FOR INTERNATIONAL BIBIS

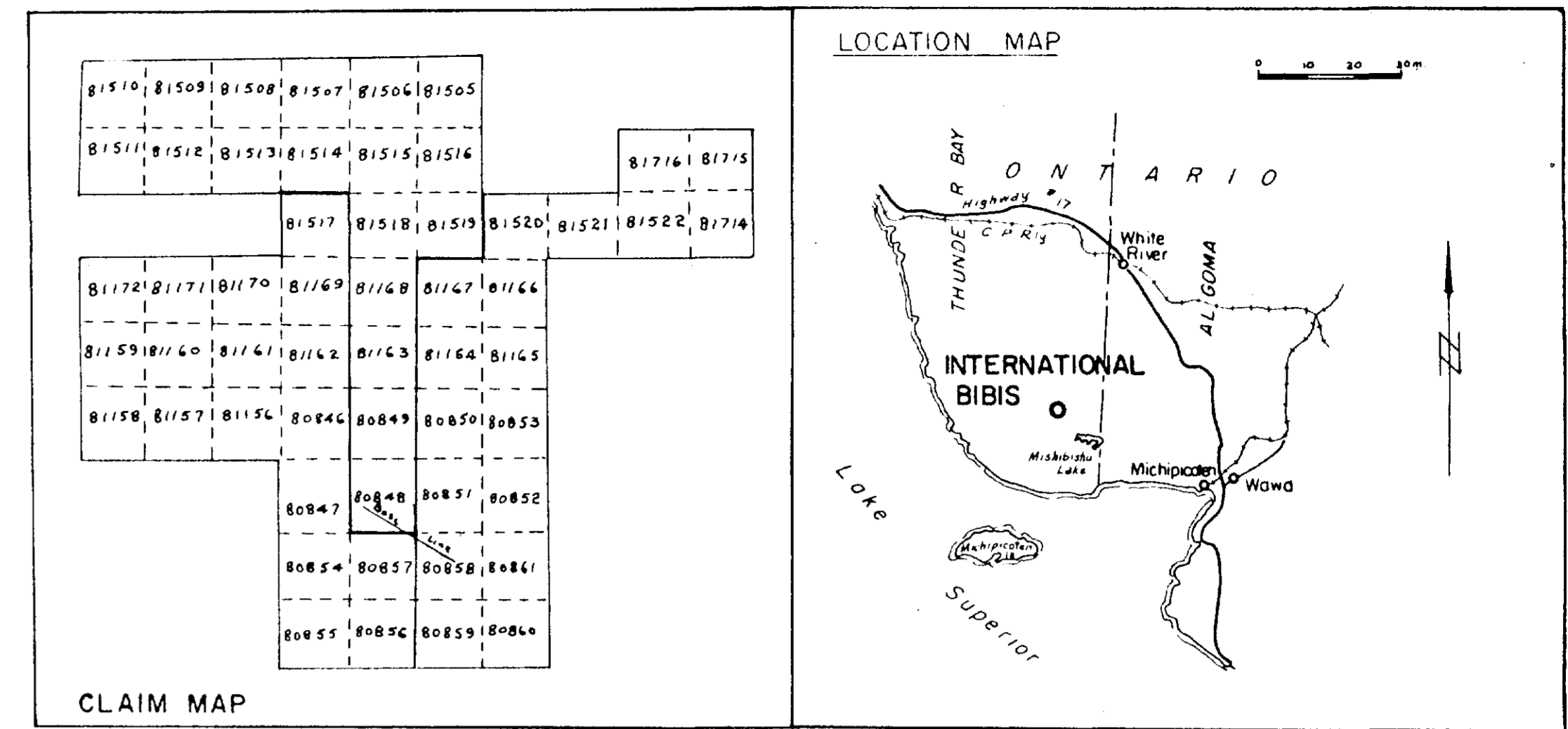
TIN MINES LTD. BY D. W. SULLIVAN, APRIL 10/67 SEE FILE 63.4267

(42C/04NE - 0016-A1)



SSM. 80848
SSM. 80857

SSM. 80851
SSM. 80858

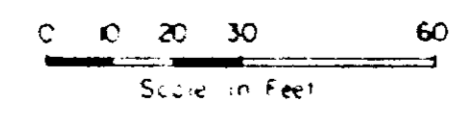


INTERNATIONAL BIBIS TIN MINES LIMITED

PUKASKWA PROPERTY
THUNDER BAY DISTRICT

DIAMOND DRILL PLAN

January 1967



200

42C/04 NE-0010-A1 #1