



42D15NW0006 OP91-081 PICKLE LAKE

010

REPORT OF ACTIVITIES

WORTHINGTON CREEK PROJECT - SUMMARY

Date: November 6, 1991

J. Courtney - OP91-071

G. Daniels - OP91-081

Location & Access:

Thunder Bay Mining Division
Priske Twp. (Map G-631) South & East of Schreiber (2 claim blocks)
Geo. Series 2232 - Map #11

Changes:

Our proposal for the 13 claim north block was to continue geological mapping and start geophysical surveys. Seven claims were mapped and filed in 1990. Because of an expressed lack of interest by six mining companies, this work was deferred. Our priority was additional work on the south block and the Fire Mountain project.

Geology:

The Worthington Creek is located within the Terrace Bay batholith near its southwest margin, where it comes into contact with intermediate to felsic volcanic rocks. Numerous dikes occur along this contact and several larger stock-like bodies of quartz porphyry are marginal to the main mass of syenitic rocks. Numerous gold occurrences are found along this contact, usually in or near fault-related structures in the metavolcanics, but significant gold mineralization has also been revealed in the quartz porphyries. The property was described by Schneiders et al (1991). (See attached Worthington Creek 1991 Annual Report.)

Work Done:

Claim #1142417

Approximately 12 metres were trenched on the "Baker Vein" in 1990. This strip-ping/trenching was continued eastward to a length of approximately 30 metres. Across the creek westward, three pits were blasted/dug along strike seeking continuation of this

Schneiders, B.R., Smyk, M.C. and Hinz, P. 1991. Schreiber-Hemlo Resident Geologist's District 1990, in Report of Activities. Resident Geologists, Ontario Geological Survey, Miscellaneous Paper 152, p. 141-171.

vein and/or additional mineralization. The stripping/trenching/blasting was done manually by ourselves, and washed with a Wajax pump. Numerous samples were taken and assayed. This property was also visited by four mining companies, two of which expressed interest in option agreements (Noranda and Lac Bond). High Au value was 3.26 oz/ton taken by Noranda Exploration.

Claim #1142416

The northwest portion of this block is called "Shovel Hill Area". Three areas were stripped/blasted and washed with a Wajax Pump. Sizes are:

- Pit I - 38' long x 12' wide x 4' deep
- Pit II - 10' long x 5' wide x 3' deep
- Pit III - 11' long x 8' wide x 2' deep.

Exposure shows syenite host with chalcopryite and pyrite and pale green quartz eye porphyry with disseminated pyrite and chalcopryite, quartz feldspar porphyry and a white quartz vein, 4 to 6 inches wide with chalcopryite, pyrite and traces of malachite. The area was sampled and assayed with high values this year of .044 oz/ton Au and > 3000 ppm Cu.

The adjoining Claims #1172840 and #1172841 were traversed, stripped and sampled. No significant mineral values were obtained in this location. Proposed work in this block was completed.

Trenches/pits, assays and values and prospecting traverses are on Map #11 enclosed. Results taken by mining companies are included in appendix and are referred to as "Baker" and "Shovel Hill".

All prospect work was completed.

Results and Recommendations

Best assay results (Noranda) 3.26 oz/ton gold, 3.20% copper from "Baker" vein and .044 oz/ton gold from "Shovel Hill" area (Lac Minerals). This property continues to show good results after additional work. As mentioned, two (2) mining companies have expressed interest and an option may be forthcoming dependent on their budget constraints. It appears from what has been uncovered that the potential exists for a more massive low-grade body along the contact zone of syenite and quartz porphyry extending southwesterly to Lake Superior. More work is necessary to outline this contact, as well as defining the Baker vein on Claim #1142417. Because of the topography, it would be more advantageous to mechanically strip than to continue with manual methods. This should be done along or near to claim lines to identify the quartz porphyry contact and the possibility exists to uncover more high grade quartz veins (one occurrence in 1990 near base line in creek assayed .64 oz/ton Au).

REPORT OF ACTIVITIES

BOX LAKE PROJECT - SUMMARY

Date: November 8, 1991

J. Courtney - OP91-071

G. Daniels - OP91-081

Location & Access:

Thunder Bay Mining Division
Syine Township in Jackfish-Middleton Area (Maps G-634, G405)

Changes:

The number of days and intensity originally proposed was reduced due to the time needed to prospect and explore the more interesting "Fire Mountain Project", a matter of geological priority.

Geology:

The area is composed of basic to intermediate volcanic rocks and intermixed with acidic volcanics and older basic intrusive rocks. It lies north of the northeast portion of the Terrace Bay batholith and the greenstone belt is pinched north and south by two granitic intrusive bodies. Gold occurrences are spatially associated with the contact of the batholith. The acidic volcanics have an as yet undetermined base metal potential.

Work Done:

This area is extremely rugged with dense bush, swamp and steep ridges. Refer to Map #5 which shows grid traverses made. There was very little outcrop seen and no mineralized rocks or samples were taken for assay. Our efforts may have been hampered with too much foliage in dense bush, making it difficult to see.

Results & Recommendations:

Results were disappointing as the area to the south has many mineralized occurrences. No assays were done on this property. We believe this area should be prospected at another time, perhaps after snow melt and prior to leaves forming so that clearer observations can be made.

REPORT OF ACTIVITIES

CAVERS - GRAVEL RIVER AREA PROJECT - SUMMARY

Date: November 8, 1991

J. Courtney - OP91-071

G. Daniels - OP91-081

Location & Access:

Thunder Bay Mining Division

Cavers-Gravel River Area - North of Highway 17 - 6 miles west of Pays Plat on east side of Gravel River (old private road) - Map #1 and Map #9.

Changes:

Proposal to fly in to Cavers Lake was modified after Superior North aircraft crashed (with 4 fatalities). We decided to explore a larger area two miles west of Cavers Lake by an old roadway on ATV's. It was felt more area could be covered and our time line would be more flexible.

Geology:

The area is underlain by early Precambrian felsic, igneous and metamorphic rock as extrapolated from Map #2232 as granite, granodiorite and syenite. Vein occurrences of amethyst, barite, fluorite and calcite have been noted in the area. Base metals are commonly associated with these veins (M. Smyk, Geologist, MNDM, pers. comm., 1991).

Work Done:

We covered approximately six miles north of Highway 17 on ATV's and traversed both sides of roadway (westerly to Gravel River). Access further north was blocked by a bridge washout and landslide (refer to Map #9).

Our prospecting uncovered only granite, granodiorite and syenite and occasional quartz porphyry in river bed. Our search was for amethyst, fluorite, barite or other industrial minerals. Nothing of significance was located in area covered. The ground ran from fairly open to heavily timbered, with a lot of overburden generally. The river bed outcrops were followed for two miles.

Results & Recommendations:

No results were gained and no further exploration in this particular area is recommended.

REPORT OF ACTIVITIES

FIRE MOUNTAIN PROJECT - SUMMARY

Date: November 9, 1991

G. Daniels - OP91-081

J. Courtney - OP91-071

Location & Access:

Thunder Bay Mining Division

Tuuri Township - 36 km east of Terrace Bay at Prairie River. Access by old mining (hydro) roads. Map G-635 - Exhibit H; Map #4 & 10.

Changes:

Original proposal of J. Courtney, OP91-071, did not include this project. Mr. Courtney was out of the country at the time of discovery of the old claim map (Claim 3624). When Mr. Daniels made his proposal, he included Mr. Courtney as his partner to explore and carry out the work outlined in his application. Mr. Courtney and Mr. Daniels both staked claims on Mr. Courtney's return and this proposal "Fire Mountain" is included in Mr. Courtney's final submission.

Geology:

Area is moderately complex with mafic, felsic and sedimentary formations that are folded, crenulated, overturned as well as carbonitized and sericitic (Walker, 1967). Three areas discovered were highly sheared and foliated, mineralized with massive pyrite and minor chalcopyrite. A property description was completed by M. Smyk, Geologist, MNDM. (See attached Fire Mountain Report 1991.)

Work Done:

This project developed after some historic research conducted by the Ministry uncovered an article from 1896 describing a gold find (see Exhibit C). We have staked 20 claims around the area indicated. Most of our time was spent here in search of original workings. We subsequently located an old adit (see photo), several pits and trenches plus three shear zones of considerable length which contain massive and semi-massive pyrite and minor chalcopyrite. Our prospecting traverses are outlined on Map #10. Stripping and blasting were conducted on two of the shear zones. Numerous samples in the area

were taken and assayed and results are recorded on Map #10. Geologists from five mining companies visited and sampled this area also. Their results are attached separately to this report. Original values from the 1896 article indicated galena, copper and iron pyrites in slate formation with gold assays from \$1.50 to \$40.00 per ton gold (0.088 to 2.35 oz/ton). We have not been able to duplicate the high value. Our high Au value was .022 oz/ton.

Our proposed work here was completed.

Results and Recommendations

Assay results are shown on Map #10 -- no significant high values were obtained. Eight claims were staked last winter prior to project start and an additional four blocks (12 claims) were staked during the summer period (additional four blocks - Claim 1183298 and 1183299, Claim 1173617 and 1173618 in yellow on Map G-635). Interest by mining companies was shown for gold, but until some significant values (gold or base metals) are found it is doubtful any option agreement can be obtained. Further exploration is warranted on this property, certainly more stripping and sampling and if anything significant is found, then geological mapping. We wish to do a geochemical soil and creek bed sediment sampling as well.

REPORT OF ACTIVITIES

KILLRAINE TOWNSHIP PROJECT - SUMMARY

Date: November 11, 1991

J. Courtney - OP91-071

G. Daniels - OP91-081

Location & Access:

Thunder Bay Mining Division

Killrairie Township (Map G-625) - 3 miles west of Schreiber on CPR Railroad.

Changes:

This prospecting was not on either proposal of writers and was conducted after a review of an old map #30A and a report of P.E. Hopkins (1922) as suggested by M. Smyk, Geologist, MNDM. The object was to look at an outcrop of garnet gneiss shown on the map, contacting a body of hornblende syenite on the north and felsic volcanics on the south side of the railroad tracks.

Work Done:

The occurrence was located approximately 3 miles west of Schreiber along both sides of the railroad track. We stripped and sampled an area approximately 1/4 mile square. The garnet formation samples were shown to the Ministry and Minnova Inc.

Results & Recommendations:

We are awaiting the results of a whole rock analysis promised by Minnova Inc. At this time this location is being held in abeyance pending further information.

Hopkins, P.E. 1922. Schreiber-Duck Lake Area; Ontario Department of Mines, Annual Report 1921, v. 30, pt. 4, p. 1-26. Accompanied by Map 30A, scale 1:63360, or one inch equals one mile.

REPORT of M. SMYK - GEOLOGIST

MIN. NORTHERN DEVELOPMENT + MINES

SCHREIBER - HEMLO DIV

THUNDER BAY DISTRICT

(FOR ANNUAL REPORT 1991)

Worthington Creek Property

Prospectors Jerry Courtney and George Daniels staked a property 4 km southeast of Schreiber straddling Worthington Creek. Assessment file research and prospecting led to the discovery and rediscovery of a number of gold occurrences throughout the property.

Overburden stripping has revealed sulphide-mineralized, locally auriferous, granitoid host rocks and quartz-carbonate veins. At the "Shovel Hill" occurrence, grey- to pink-weathered, medium-grained quartz porphyry contains fine-grained, disseminated pyrite and minor chalcopyrite. These sulphides may be concentrated along fracture surfaces and in small, quartz-filled veinlets. Frost-wedged blocks of a composite quartz-carbonate vein are also mineralized with discontinuous aggregates of chalcopyrite (+ malachite) and pyrite which occur in banded, white quartz, parallel to the vein margins. Sparry calcite locally occupies the outer margins of this 10 to 15 cm wide vein.

Nearby at the "Creek Zone", xenolith-rich, medium-grained granodiorite is crosscut by small aplite and feldspar porphyry dikes. Compositional and textural variation is common on a small scale. It is locally quartz- or feldspar-phyric and may contain up to 1% disseminated pyrite; plagioclase is noticeably sausseritized. Fractures and joints have narrow envelopes of potassic feldspar (+ hematite?) alteration. Chalcopyrite and pyrite occur in quartz-filled fractures.

Farther south along Worthington Creek, a gold occurrence discovered by Walter Baker in 1983 (assessment files, Resident Geologist's office, Schreiber-Hemlo District, Thunder Bay) was relocated in 1990. The "Baker" occurrence consists of a gossanous fracture zone that occurs on the east bank of the creek in a strongly jointed and fractured, red syenitic host. The fracture zone strikes approximately 060°, dips vertically, averages 25 cm in width, and has been exposed by overburden trenching for approximately 10 m. The host rock has developed subparallel joints striking at 60° to 65° and dipping 65° to 75° S as well as orthogonal cross-fractures. Pinkish-white, high-weathered feldspars are conspicuous; quartz usually comprises less than 10% of the rock, along with subordinate amphibole and epidote. Ubiquitous, fine-grained, disseminated pyrite occurs in amounts up to 1% in the host. The mineralized fracture zone consists of pyrite veinlets and anastomosing fine-grained pyrite aggregates without quartz gangue. Sections of massive pyrite may reach 15 cm in width. Coarser-grained pyrite may be recrystallized into monomineralic aggregates or may occur as blebs or clots up to 1 cm in diameter in the wall rock. Much of the pyrite has been recessively weathered.

On the opposite (west) bank, quartz veins and vein breccias occur in a light grey-pink, strongly epidotized syenitic host. The host rock is variably mineralized with up to 20% disseminated, medium-grained, subhedral pyrite. Fractures are locally coated with fine-grained molybdenite and pyrite. Pyrite occurs as blebs in the quartz veins while molybdenite may be concentrated along the vein margins in the host itself.

Grab sampling of these various occurrences has returned the following assays:

Sample Number	Gold (oz/ton)	Silver (oz/ton)	Copper (%)	Molybdenum (%)
90 BGD - 08	0.013	trace	0.109	n. a.
- 09	0.008	trace	0.0086	n. a.
- 10	0.015	trace	n. a.	n. a.
- 11	0.006	nil	0.0048	n. a.
- 12	0.008	nil	0.00804	n. a.
- 13	4.182	12.49	1.112	n. a.
- 14	0.069	trace	0.00164	n. a.
- 15	0.009	nil	n. a.	0.00463
- 16	0.024	trace	n. a.	n. a.
90 BJC - 09	0.332	0.880	0.071	n. a.
- 10	0.002	nil	0.004	n. a.
- 11	0.646	4.910	1.493	n. a.
- 12	0.002	nil	0.016	n. a.

(n. a. = not assayed)

Sample Descriptions

- 90 BGD - 08: "Shovel Hill", chalcopyrite-rich quartz vein
 - 09: "Shovel Hill", carbonatized quartz porphyry, disseminated chalcopyrite
 - 10: "Creek Zone", granodiorite, disseminated pyrite
 - 11: "Creek Zone", feldspar porphyry dike, chalcopyrite in quartz veinlets
 - 12: "Creek Zone", quartz porphyry, disseminated and veinlet chalcopyrite
 - 13: "Baker Occurrence", massive pyrite
 - 14: "Baker Occurrence", syenitic host, disseminated pyrite <1%
 - 15: "Baker Occurrence", sulphide-rich quartz vein, west side of creek
 - 16: "Baker Occurrence", pyrite veinlets in syenitic host

- 90 BJC - 09: south of "Creek Zone", chalcopyrite-rich quartz vein
- 10: "Baker Occurrence", sausseritized granitoid, <5% pyrite, west side of creek
- 11: "Baker Occurrence", pyrite veinlet in host
- 12: south of "Creek Zone", quartz fragments in pyrite-rich matrix

The Worthington Creek property is located within the Terrace Bay batholith near its southwest margin, where it comes into contact with intermediate to felsic metavolcanic rocks. As noted by Harcourt (1939), numerous dikes occur along this contact and several larger, stock-like bodies of quartz porphyry are marginal to the main mass of syenitic rocks. Numerous gold occurrences have been found all along this contact, usually in or near fault-related structures in the metavolcanic rocks. Sulphide-rich quartz veins within the batholith itself tend to be copper- and molybdenum-rich (e.g. Pitkanen, Blanchford, McKenzie, Univex occurrences), rather than gold-rich. These new discoveries in the Worthington Creek area have shown that gold occurrences can be found well within the syenitic/granitic rocks and have dramatically increased the potential area for gold exploration. Lower-grade, but significant gold mineralization has also been revealed in the quartz porphyries, raising the possibility of larger-scale targets, as suggested and recommended by Patterson et al. (1987).

Fire Mountain Property

This property is located approximately 1 km north of Highway 17 on the west side of the Prairie River, 30 km east of Terrace Bay. It was staked by prospectors George Daniels and Jerry Courtney in 1991 as part of their OPAP grant-assisted program. The basis of their interest was a newspaper article (The Daily Journal, December 5, 1896) which described work being undertaken on what was then called Fire Mountain. The rediscovered description that follows was first noted by Patterson et al. (1986):

"Another property has now come to the front in Algoma in the Fire Mountain [area], known as 362X, which was discovered by Mr. W.H. Arnold about the middle of October and is situated 1x miles from northeast of Steel Lake siding, 160 miles east of Port Arthur. This property is something unusual in the mining discoveries of Algoma, as it appears to be nothing short of a gold quarry, one wall only being discovered yet, which is at the base of a mountain, the mountain formerly having no name, but was named by the discoverer. The quarry is one half mile long, following the mountain its entire length, and at present the ore is of a state [sic - slate] formation, highly mineralized and carrying galena, copper and iron pyrites in good quantities. Assays have been made and they run from \$1.50 [0.088 ounce] to \$40 [2.35 ounces] gold per ton."

Claim 362X was recently located upon receipt of an old claim map and the prospective area was staked. Although the area had been sporadically explored, no mention of old workings nor mineralization resembling the old descriptions was noted. A geological map submitted by The Consolidated Mining and Smelting Company of Canada Limited in 1964 (assessment files, Resident Geologist's Office, Schreiber-Hemlo District, Thunder Bay) shows an adit which was relocated and visited in 1991.

Report of Dr. Smyke "N.D.M." For 1991

Annual report

The adit is situated at the base of a west-facing, 8m high cliff face. It is 1.2m wide, 1.8m high and extends approximately 8m into the hillside. The adit entrance is partly obscured by talus blocks and material which has sloughed down from the hillside. Blocks of talus and muck are littered along a narrow depression along which a trail leads to the adit. The muck pile is approximately 2 x 3 x 15 m in size. A 15 m long cross-trench was discovered on top of the hill approximately 30 m east of the adit.

Rocks in the vicinity have been highly sheared, resulting in very foliated, fissile phyllites which have either a sedimentary or mafic volcanic protolith. Whole rock chemical analyses provided by J. Courtney suggest that the volcanic rocks are dominantly tholeiitic basalt and andesite. At the adit, a 4 m wide gossan has developed in pyritiferous phyllites and more massive, up to 45 cm wide quartz-rich units. The host rocks are foliated at 100/783. Banded rocks display tight folds. Mineralization consists of wispy to ribboned, locally massive pyrite and minor chalcopyrite in sericitic and chloritic phyllites and cherty rocks. Small white quartz veins and pods occur locally. Calcite is ubiquitous in altered and deformed rocks; rocks are weakly to strongly carbonatized. Protolith determination is hampered by pervasive alteration and deformation, especially in the vicinity of the adit. Flattened, carbonatized pillowed mafic flows were recognized approximately 100 m north of the adit.

The majority of local rocks on the property are apparently mafic volcanics, consisting largely of pillowed flows and pillow breccias. Interflow sulphide-facies iron formation and graphitic slates comprise a minor portion of the local stratigraphy. Massive and 'crack-seal'-textured quartz veins are mineralized with pyrite.

A large, gossanous zone of extensive pyrite mineralization is exposed along and north of the northerly power line.

Samples have returned up to 745 ppb Au (J. Courtney, Prospector, personal communication, 1991). Grab sampling by Ministry staff has returned the following assays:

Sample Number	Gold (oz./ton)	Copper (ppm)	Zinc (ppm)
91 BFM - 01	0.012	296	76
- 02	0.002	n.a.	n.a.
- 03	nil	n.a.	n.a.
- 04	trace	n.a.	n.a.
- 05	trace	56	80
- 06	trace	56	324
- 07	trace	60	120

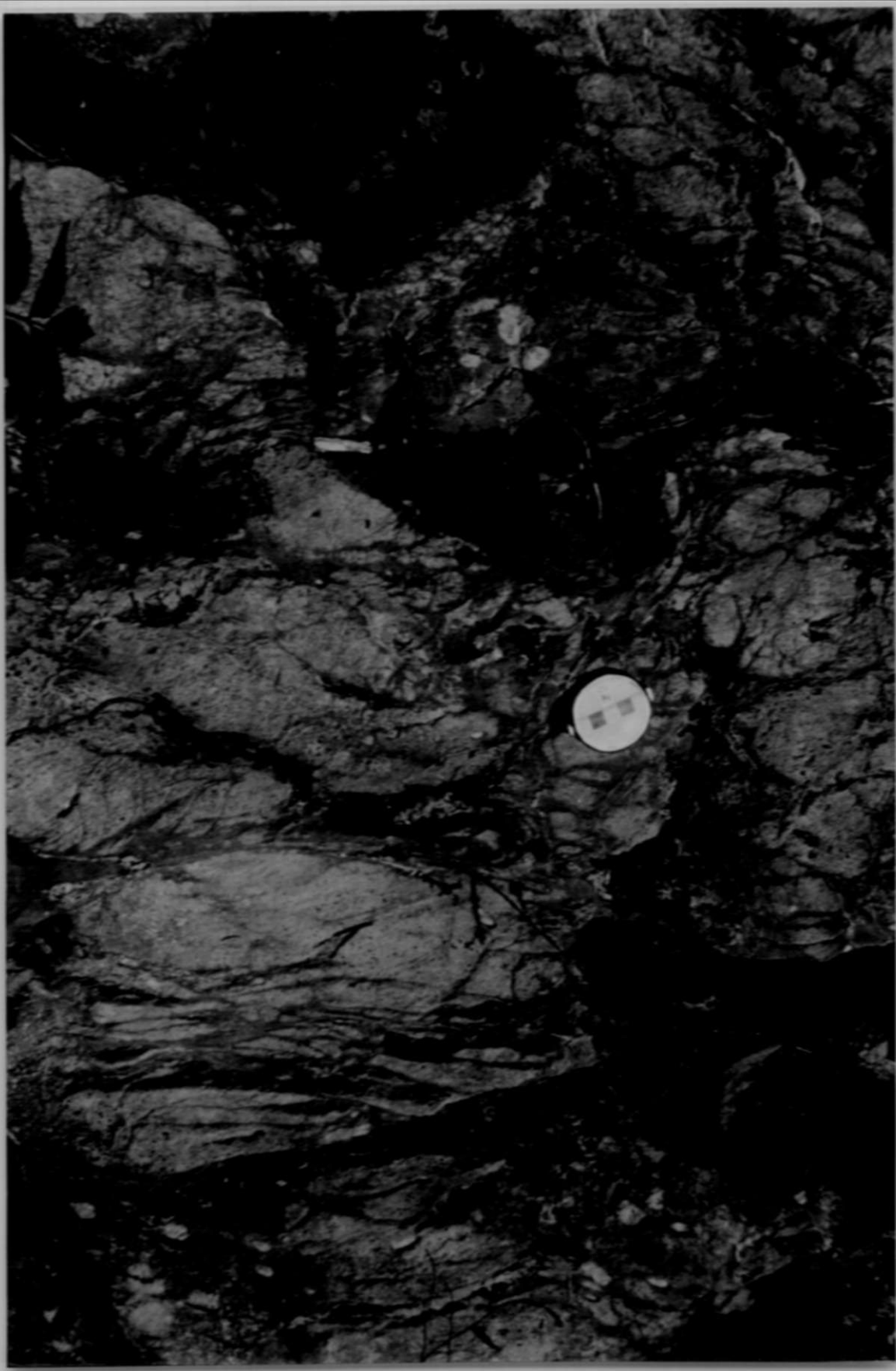
Sample Descriptions:

- 91 BFM - 01: 45 cm wide zone of massive pyrite + quartz, near adit entrance (grab)
- 02: rusty-weathering, sericite-rich phyllite, minor disseminated pyrite, minor carbonate, near adit (grab)
- 03: sericite-rich phyllite with $\leq 50\%$ pyrite and sugary quartz bands, minor carbonate, near adit (grab)
- 04: cherty, dark gray quartz with $\leq 50\%$ pyrite in rusty, sheared metavolcanic, trench above adit (grab)
- 05: sericitic, rusty-weathering phyllite with $\leq 50\%$ massive, fine-grained pyrite and quartz lenses, 2 m east of adit (grab)
- 06: quartz vein and vein breccia with minor pyrite and rare sphalerite, pit on creek (grab)
- 07: rusty-weathering, sheared pillow breccia with lenticular, sericitized fragments, pyrite $\leq 10\%$, northern powerline (grab)









ACCURON LABORATORIES

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43701

Certificate of Analysis

Page 1

Jerry Courtney/George Daniels
602 Brown Street
THUNDER BAY, ONTARIO
P7B 5K5

May 2

Work Order #
Project

91008

SAMPLE NO. 206802
CUSTOMER

Silver
ppm

Silver
OZ/T

206802

206802

2

0.070

Per: *Be. V. [Signature]*

CUSTOMER COPY



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42255 **Certificate of Analysis**

Page: 1

Jerry Courtney/George Daniels
 607 Brown Street
 THUNDER BAY, ONTARIO
 P7E 2K6

June

Work Order # 1910325
 Project

Accurassay	CUSTOMER NUMBERS	Customer	Gold Oz/T	Gold ppb
545509		206804	0.001	26
545510		206805	<0.001	16
545511		206806	0.002	52
545512		206807	<0.001	14
545513		206808	<0.001	6
545514		206811	0.001	22
545515		206813	<0.001	6
545516		206814	0.001	22
545517	33	206815	0.009	294
545518	34	206816	0.008	283
545519		206816	0.008	282
545520		206817	<0.001	16
545521		206818	0.003	88
545522		206819	<0.001	17
545523		206820	<0.001	10
545524	39	206821	0.005	182
545525	40	206822	0.012	429
545526		206823	0.003	91
545527		206824	<0.001	15
545528		206825	0.001	29
545529		206825	0.002	57
545530		206826	0.002	78
545531		206827	<0.001	14
545532		206828	<0.001	15
545533		206829	<0.001	14
545534		206830	0.001	30
545535		206833	0.002	83
545536		206834	0.001	22
545537		206835	<0.001	17
545538		206835	0.001	26

33. Handwritten notes
34. Handwritten notes
39. P.D.A.
40. P.D.A.
Handwritten notes

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Per: *Blaine Viner*



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42263

Certificate of Analysis

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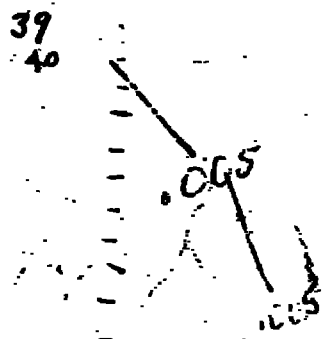
Jerry Courtney/George Daniels
 607 Brown Street
 THUNDER BAY, ONTARIO
 P7E 2K6

June 91

Work Order # : 1910325
 Project

SAMPLE NUMBERS	Customer	Silver ppm	Copper ppm	Zinc ppm
545510	206805		84	34
545511	206806		30	
545517	206815	3	19	
545520	206818	3		420
545521	206821		55	
545522	206822		74	
545525	206823		500	9
545526	206824		21	
545527	206825		92	
545531	33 206829		33	
545533	34 206833		39	
545534	206834	2		
545535	206835	2		

33. *Quality Audit*
 34. *Quality Audit*
 37. *Quality Audit*
 40. *Quality Audit*
37. 206824
34. 206829
34. 206833
34. 206834



Per: *[Signature]*



ACCURASSAY LABORATORIES

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42439

Certificate of Analysis

Page: 1

Jerry Courtney/George Daniels
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P7E 2K6

June

91

Work Order # T910391
Project

SAMPLE NUMBERS Accurassay	CUSTOMER	Gold Oz/T	Gold ppb
546364	206836	0.002	81
546365	206837	<0.001	2.5 12 ft
546366	206838	<0.001	7
546367	206839	<0.001	15
546368	206840	0.001	27
546369	206841	<0.001	10
546370	206842	<0.001	15
546371	206843	<0.001	<5
546372	206844	0.033	1119 - slow
546373	206844-A	0.002	58
546373	206844-A	0.002	56 Check
546374	42 206845	<0.001	12
546375	206846	0.001	43
546375	206846 Creek	0.001	30 Check

Handwritten scribbles and signatures on the right side of the page.

23- 1173616 - Neapond - 340

34- 1173619 (Pit east of creek) - 480

7- 1173783 - WHH6

84
55
74

500 Per: *Blaney*

ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO

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KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1

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President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

42456

Certificate of Analysis

Page: 1

Jerry Courtney/George Daniels
607 Brown Street
THUNDER BAY, ONTARIO
P7E 2K6

June 91

Work Order # : T910391
Project

Accurassay	SAMPLE NUMBERS Customer	Copper ppm	Zinc ppm
546364	206836	150	36
546365	206837	53	
546366	206838	46	
546367	206839	73	250
546368	206840	67	
546369	206841	42	
546370	206842	40	
546371	206843	18	
546372	206844	>10,000	2.6 1/2 / 1 - ...
546373	206844-A	1400	
546374	206845	48	
546375	206846	46	

92

Creek bed

23 - 1173416 - Neepawa ... 340

36 - 1173419 (Pit east of) ... 480
Creek

92 - PHH/C

55

Per: Blaine V...



ACCURASSAY LABORATORIES
 A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
 BOX 426
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 TEL: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

42750 Certificate of Analysis

Page: 1

Jerry Courtney/George Daniels
 607 Brown Street
 THUNDER BAY, ONTARIO
 P7E 2K6

July 91

Work Order # 910506
 Project

SAMPLE NUMBERS Accurassay	CUSTOMER	Gold Oz/T	Gold ppb	
547913	206901-A	0.370	12713	<i>Baker - east end</i>
547914	206901-B	0.053	1822	<i>" " "</i>
547915	206903-A	0.014	475	<i>Shovel hill</i>
547916	206903-B	0.037	1263	<i>" "</i>
547917	206904	0.041	1396	<i>" "</i>
547918	206905	0.011	392	<i>" "</i>
547919	206906	0.006	189	<i>" "</i>
547920	206907	0.003	100	<i>gt vein in Shovel hill</i>
547921	206908	0.153	5267	<i>Shovel hill</i>
547922	206909	0.001	36	<i>" "</i>
547922	206909	0.001	37	Check <i>" "</i>

Per: *[Signature]*

RAY LABORATORIES LTD.
 ANALYTICAL CONSULTANTS
 3 Industrial Dr., Kirkland Lake
 Ontario, Canada P2N 3J1

INVOICE

791609

TO TEL: (705) 567-3361 - FAX: (705) 567-8386

Jerry Courtney / *G. Daniels*
 607 Brown Street
 THUNDER BAY, ONTARIO
 P7E 2K6

DATE	May 28, 1991
CUSTOMER ORDER #	
WORK ORDER #	Various
DATE SUBMITTED	

TERMS

net 30 days, 2.0% per month on overdue accounts

1	Gold Assay	W.O. #T910-65 \	7.50	7 50
1	Sample Prep.	cert.# 43696	3.75	3 75
1	Acid Digestion	cert.# 43701	1.50	1 50
1	Silver Analysis		0.95	0 95
	Sub-total.....			13 70
	7 % GST # R121844088			0 96
1	Sample Prep. cert.#		3.75	3 75
	Amount due before June 27, 1991.....			18 41

Please note: Accounts more than 45 days past due
 will lose any price discounts

Thank You!

JRASSAY LABORATORIES LTD.

RESEARCH CHEMISTS, METALLURGISTS, ANALYTICAL CONSULTANTS

1000 Lakeshore Dr., Kirkland Lake
Ontario, Canada P2N 3J1**INVOICE**

791656

TEL: (705) 667-3361 - FAX: (705) 667-8388

TO

Jerry Courtney/George Daniels
607 Brown Street
THUNDER BAY, ONTARIO
P7E 2K6

DATE	Jul 4, 1991
CUSTOMER ORDER #	
WORK ORDER #	T910325
DATE SUBMITTED	

TERMS

net 30 days, 2.0% per month on overdue accounts

27	Gold Assays	W.O. #T910325	7.50	202	50
27	Sample Prep.	cert.# 42255	3.75	101	25
13	Acid Digestions	cert.# 42261	1.50	19	50
4	Silver Analyses		0.95	3	80
10	Copper Analyses		0.95	9	50
8	Zinc Analyses		0.95	7	60
	Sub-total.....			344	15
	7 % GST # R121844088			24	09

Amount due before July 14, 1991..... 368 24

Please note: Accounts more than 45 days past due
will lose any price discounts*discuss**Thank You!*

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CHEMISTS, ASSAYERS, ANALYTICAL CONSULTANTS

128, 3 Industrial Dr., Kirkland Lake
Ontario, Canada P2N 3J1**INVOICE**

791716

TO TEL: (705) 687-3381 - FAX: (705) 687-8388

Jerry Courtney/George Daniels
607 Brown Street
THUNDER BAY, ONTARIO
P7E 2K6

DATE	June 8, 1991
CUSTOMER ORDER N°	
WORK ORDER N°	T910391
DATE SUBMITTED	

TERMS

net 30 days, 2.0% per month on overdue accounts

12	Gold Assays W.O. #T910391	7.50	90	00
12	Sample Prep. cert.# 42439	3.75	45	00
12	Acid Digestions	1.50	18	00
12	Copper Analyses	0.95	11	40
2	Zinc Analyses	0.95	1	90
	Sub-total.....		166	30
	7 % GST # R121844088		11	64
	Amount due before July 28, 1991.....		177	94

Please note: Accounts more than 45 days past due
will lose any price discounts*Thank You!*

Received from Jerry Eastman, George D. ...
for ...
DATE 7/16/78
\$ 546.18
48545

50% accuracy

791783

TO TEL: (705) 867-3381 - FAX: (705) 867-8398

Jerry Courtney/George Daniels
 607 Brown Street
 THUNDER BAY, ONTARIO
 P7E 2K6

DATE	July 31, 1991
CUSTOMER ORDER #	
WORK ORDER #	T910506
DATE SUBMITTED	

TERMS

net 30 days, 2.0% per month on overdue accounts.

10	Gold Assays W.O. #T910506	7.75	77	50
10	Sample Prep. cert.# 42750	3.75	37	50
7	Acid Digestions	1.75	12	25
2	Silver Analyses	1.75	3	50
1	Copper Analyses	1.75	1	75
4	Silver,Copper Analyses	3.00	12	00
	Sub-total.....		144	80
	7 % GST # R121844088		10	12
	Amount due before August 30, 1991.....		154	62

Please note: Accounts more than 45 days past due will lose any price discounts

PAID BY CHEQUES

\$77.31 Courtney
 \$77.31 Daniel
154.62

Aug. 30/91
 JPS

Thank You!

MCURASSAY LABORATORIES LTD.
 HAZARDOUS CHEMISTS, ASSAYERS, ANALYTICAL CONSULTANTS
 Unit 426, 3 Industrial Dr., Kirkland Lake
 Ontario, Canada P2N 3J1

INVOICE ✓

791824

TO TEL: (705) 567-3381 - FAX: (705) 567-8388

DATE	August 23, 1991
CUSTOMER ORDER #	
WORK ORDER #	
DATE SUBMITTED	T910542

Jerry Courtney/George Daniels
 607 Brown Street
 THUNDER BAY, ONTARIO
 P7E 2K6

TERMS

net 30 days, 2.0% per month on overdue accounts.

1	Copper Assay	W.O.#T910391	8.00	8 00
8	Gold Assays	W.O.#T910542	7.75	62 00
8	Sample Prep.	cert.# 42888	3.75	30 00
4	Acid Digestions		1.75	7 00
4	Silver Analyses		1.75	7 00
	Sub-total.....			114 00
	7 % GST # R121844088			7 98
	Amount due before September 22, 1991.....			121 98

Please note: Accounts more than 45 days past due will lose any price discounts

D Daniels \$ 60.99
J Courtney 60.99
\$ 121.98

Thank You!

ASSAY LABORATORIES LTD.

ASSAY CHEMISTS, ASSAYERS, ANALYTICAL CONSULTANTS
 Box 428, 3 Industrial Dr., Kirkland Lake
 Ontario, Canada P2N 3J1

INVOICE

791858

TO TEL: (705) 567-3361 - FAX: (705) 567-9398

DATE	August 29, 1991
CUSTOMER ORDER #	
WORK ORDER #	T910616
DATE SUBMITTED	

Jerry Courtney/George Daniels
 607 Brown Street
 THUNDER BAY, ONTARIO
 P7E 2K6

TERMS

net 30 days, 2.0% per month on overdue accounts.

7	Gold Assays W.O. #T910616	7.75	54	25
7	Sample Prep. cert.# 41563	3.75	26	25
	Sub-total.....		80	50
	7 % GST # R121844088		5	64

Amount due before September 28, 1991.....

Please note: Accounts more than 45 days past due
 will lose any price discounts

1/2 86 14
 43.07

LF-107

Thank You!



ACCURASSAY LABORATORIES
 A DIVISION OF BANGOR LABORATORIES LIMITED, REXBALD, ONTARIO
 BOX 428
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President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

43500 Certificate of Analysis

Page: 1

Wayne McChristie
 Golden Myra
 140 East Frederica Street
 THUNDER BAY, ONTARIO
 P7E 3V5

May 7

91

Work Order #. 1 T910198
 Project :

SAMPLE NUMBERS Accurassay	CUSTOMER	Gold ppb	Gold Oz/T
543346	205357	15	<0.002
543347	205358	29	<0.002
543348	205359	2228	0.065
543349	205360	35	<0.002
543350	205361	37	<0.002
543351	205362	66	0.002
543351	205362	82	0.002

Check

Handwritten signatures and notes:
 W. McChristie
 M. [unclear]
 M. [unclear]
 M. [unclear]

Per: Blaine [Signature]



ACCURASSAY LABORATORIES
 A DIVISION OF BARRINGER LABORATORIES LIMITED, REXdALE, ONTARIO
 BOX 426
 KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
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42795

Certificate of Analysis

Page: 1

Jerry Courtney/George Daniels
 607 Brown Street
 THUNDER BAY, ONTARIO
 P7E 2K6

August 1 91

Work Order # : T910506
 Project :

SAMPLE NUMBERS		Silver	Copper
Accurassay	Customer	ppm	ppm
547913	206901-A	3	
547914	206901-B	2	
547915	206903-A	3	4700
7916	206903-B	8	7300
7917	206904	15	6300
7918	206905		4700
7919	206906	2	2700

Baker. east end

Shovel hill

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Per: *Blaine [Signature]*



ACCURASSAY LABORATORIES

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KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1

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42869

Certificate of Analysis

Page #1

Jerry Courtney/George Daniels

607 Brown Street

THUNDER BAY, ON

P7E 2K6

August 08, 1991

Work Order: T910391

Project:

Assay results are as follows:

SAMPLE NUMBER		Copper %
Accurassay	Customer	
546372	206844	1.621

~~NORTH OF #3 POST~~
~~ON SOUTHWEST SIDE OF~~
~~Rusty Hill~~

Shovel Hill

Per: Blaine Vetch



ACCURASSAY LABORATORIES

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42888

Certificate of Analysis

Page: 1

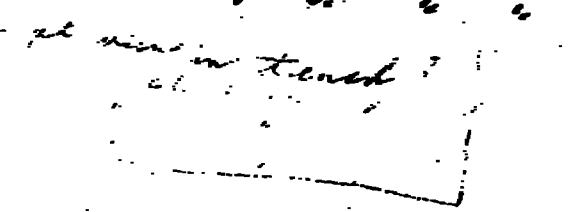
Jerry Courtney/George Daniels
607 Brown Street
THUNDER BAY, ONTARIO
P7E 2K6

August 9

91

Work Order # : T910542
Project :

SAMPLE NUMBERS	Customer	Gold Oz/T	Gold ppb
548659	206910	0.001	32
548660	206911	0.001	27 <i>border</i>
548661	206912	0.007	239 <i>— west of creek</i>
548662	206913	0.001	38
548663	206914	0.005	182 <i>shovel hill vein</i>
548664	206915	0.063	2178 <i>— " " " gt. stringer</i>
548665	206916	0.002	55 <i>— " " " "</i>
548666	206917	0.013	438 <i>— 60' a south of vein</i>
548666	206917	0.011	392 <i>Checks " " " "</i>



Per: L. Brabant



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42869

Certificate of Analysis

Page #1

Jerry Courtney/George Daniels
607 Brown Street
THUNDER BAY, ON
P7E 2K6

August 08, 1991

Work Order: T910391
Project:

Assay results are as follows:

SAMPLE NUMBER		
Accurassay	Customer	Copper %
546372	206844	1.621

cfj

Per: *Blaine [Signature]*



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42888

Certificate of Analysis

Page: 1

Jerry Courtney/George Daniels
 607 Brown Street
 THUNDER BAY, ONTARIO
 P7E 2K6

August 9

91

Work Order # : T910542
 Project :

SAMPLE NUMBERS Accurassay	CUSTOMER	Gold Oz/T	Gold ppb
548659	206910	0.001	32
548660	206911	0.001	27
548661	206912	0.007	239
548662	206913	0.001	38
548663	206914	0.005	182
548664	206915	0.063	2178
548665	206916	0.002	55
548666	206917	0.013	438
548666	206917	0.011	392 Check

copy

Per: *L. B. Baker*



ACCURASSAY LABORATORIES

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42920

Certificate of Analysis

Page: 1

Jerry Courtney/George Daniels

August 13

91

607 Brown Street
THUNDER BAY, ONTARIO
P7E 2K6

Work order # : T510542
Project :

SAMPLE NUMBERS	Customer	Silver PPM
548659	<i>ifty</i> 206910	1
548660	206911	1
548661	206912	2
548662	206913	1

D Daniels \$ 6.99
Jerry Courtney \$ 6.99
\$ 13.98

Per: *Blaine V...*

ACCURASSAY LABORATORIES LTD.
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 Box 428, 3 Industrial Dr., Kirkland Lake
 Ontario, Canada P2N 3J1

INVOICE

791824

TO . TEL: (705) 867-3361 - FAX: (705) 867-8388

DATE	August 23, 1991
CUSTOMER ORDER #	
WORK ORDER #	
DATE SUBMITTED	T910542

Jerry Courtney/George Daniels
 607 Brown Street
 THUNDER BAY, ONTARIO
 P7E 2K6

TERMS

net 30 days, 2.0% per month on overdue accounts.

1	Copper Assay	W.O.#T910391	8.00	8 00
8	Gold Assays	W.O. #T910542	7.75	62 00
8	Sample Prep.	cert.# 42888	3.75	30 00
4	Acid Digestions		1.75	7 00
4	Silver Analyses		1.75	7 00
	Sub-total.....			114 00
	7 % GST # R121844088			7 98

Amount due before September 22, 1991..... 121 98

Please note: Accounts more than 45 days past due will lose any price discounts

1/2 G Denis } 60.99
 1/2 J. Courtney } 60.99

 121.98

*Paid by cheque
 Sept 24/91.*

Thank You!



ACCURASSAY LABORATORIES
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41563

Certificate of Analysis

Page: 1

Jerry Courtney/George Daniels
607 Brown Street
THUNDER BAY, ONTARIO
P7E 2K6

August 27

91

Work Order # : T910616
Project :

SAMPLE NUMBERS		Gold	Gold
Accurassay	Customer	Oz/T	ppb
549942	206918	<0.001	10
549943	206919	0.001	36
549944	206920	0.002	76
549945	206921	0.003	92
549946	206922	0.001	40
549947	213861-A	0.001	40
549948	213861-b	<0.001	11
549948	213861-b	<0.001	11 Check

Per: Blaine West

CUSTOMER COPY

ACCURASSAY LABORATORIES LTD.

CHARTERED CHEMISTS, ASSAYERS, ANALYTICAL CONSULTANTS

Box 428, 3 Industrial Dr., Kirtland Lake
Ontario, Canada P2N 3J1

INVOICE

791858

TO . TEL: (705) 667-3361 - FAX: (705) 667-8388

Jerry Courtney/George Daniels
607 Brown Street
THUNDER BAY, ONTARIO
P7E 2K6

DATE	August 29, 1991
CUSTOMER ORDER #	
WORK ORDER #	T910616
DATE SUBMITTED	

TERMS

net 30 days, 2.0% per month on overdue accounts.

7	Gold Assays W.O. #T910616	7.75	54	25
7	Sample Prep. cert.# 41563	3.75	26	25
	Sub-total.....		80	50
	7 % GST # R121844088		5	64
	Amount due before September 28, 1991.....		86	14

Please note: Accounts more than 45 days past due will lose any price discounts

Jerry Daniel 4/30
Courtney 4/30
86.14

*PAID By cheques 1/2 } J.D.
1/2 } Sept. 24/91*

Thank You!



ACCURASSAY LABORATORIES
 A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
 BOX 428
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41680 **Certificate of Analysis**

Page: 1

Jerry Court
 607 Brown St
 THUNDER BAY,
 P7E 2K6

September 5

91

Work Order # : T910644
 Project :

SAMPLE NUMBERS	Customer	Gold Oz/T	Gold ppb
550331	206926	0.001	50
550332	206927	<0.001	10
550333	206928	<0.001	5
550334	206929	0.002	72
550334	206929	0.002	66 Checks

paid
accounting
rec'd.
 2004
 2003
 147

Per: Blaine [Signature]



ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO

BOX 426

KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1

TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

41713

Certificate of Analysis

Page: 1

Jerry Courtney/
607 Brown Street
THUNDER BAY, ONT.
A7E 2K6

September 10

91

Work Order # 1910644
Project

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
550332	206927	39	150
550333	206928	38	140
550334	206929	18	100

paid

Per: Blaine Varty

ASSAY LABORATORIES LTD.
 CHEMISTS, ASSAYERS, ANALYTICAL CONSULTANTS
 x 428, 3 Industrial Dr., Kirkland Lake
 Ontario, Canada P2N 3J1

INVOICE

791892

let 22 91

TO TEL (705) 557-5221 FAX (705) 557-5222

Jerry Courtney/George
 607 Brown Street
 THUNDER BAY, ONTARIO
 P7E 2K6

DATE September 25, 1991	
CUSTOMER ORDER #	
WORK ORDER #	T910644
DATE SUBMITTED	

TERMS net 30 days for accounts.

4	Gold	7.75	31	00
4	Samp	3.75	15	00
3	Acid	1.75	5	25
3	Coppe	3.00	9	00
			60	25
	7 % GST		4	22
	Amount due before October 25, 1991		64	47

Please note: Accounts more than 45 days past due will lose any price discounts.

paid - J. Courtney 3224
- S. Daniels 3223 -
6447

paid by cheque
#121
AS Oct 22/91

Thank You!



Ministry of
Northern Development
and Mines

Temiskaming
Testing
Laboratories

P.O. Box 799
Presley St.
Cobalt, Ontario
P0J 1C0
(705) 679-8313

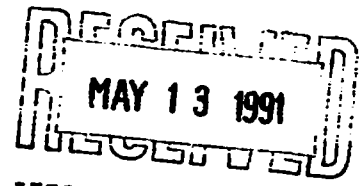
Exhibit B

Report Number
CB 11708

Laboratory Report

Date May 7, 1991

Issued To: Mark Smyk, Resident Geologist's Office, MNM, P.O. Box 5000, Thunder Bay, Ont. P7C 5G6

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton	
91-BJC-01	Nil	Nil	<p><i>Fire Macularis</i></p> 

Fees Received Charged Cost Code 05-3413-32

W. McNaughton **W. Ireland**
Manager (Acting)

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Ministry of
Northern Development
and Mines

Temiskaming
Testing
Laboratories

P.O. Box 799
Presley St.
Cobalt, Ontario
POJ 1C0
(705) 679-8313

Report Number
CB 11906

Laboratory Report

Date June 17, 1991

Issued To: Mark Smyk, Resident Geologist Office, MNDM, P.O. Box 5000, Thunder Bay, Ont. P7C 5G6

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton	Cu Ppm	Ni Ppm	Pd Ppb	Pb Ppm	Zn Ppm
90-BFM-01	0.012		296				76
-02	0.002						
-03	Nil						
-04	Trace						
-05	Trace		56				80
-06	Trace		56				324
-07	Trace		60				120

Fire Mountain

Copy of each



Ministry of
Northern Development
and Mines

Temiskaming
Testing
Laboratories

P.O. Box 799
Presley St.
Cobalt, Ontario
P0J 1C0
(705) 678-8313

Report Number

CB 11721

Laboratory Report

Date May 21, 1991

Issued To: Mark Smyk, Resident Geologist's Office, MNDM, P.O. Box 5000, Thunder Bay, Ont. P7C 5G6

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton	Cu Ppm	Zn Ppm
91-BJC-02	0.006	Nil	12	16
-03	0.004	Nil	40	124
-04	0.009	Trace		
-05	0.002	Trace	148	16
-06	0.004	Trace	48	288
-07	Trace	Trace		

RECEIVED
MAY 24 1991
LABORATORIES

Fees Received Charged Cost Code 05-3413-32

G. McNaught *for* J. Ireland
Manager (Acting)

Except by special permission, reproduction of these results must include any
qualifying remarks made by this ministry with reference to any sample.



Ontario

Ministry of
Northern Development
and Mines

Temiskaming
Testing
Laboratories

P.O. Box 799
Presley St.
Cobalt, Ontario
P0J 1C0
(705) 679-8313

Report Number

CB 11906

Laboratory Report

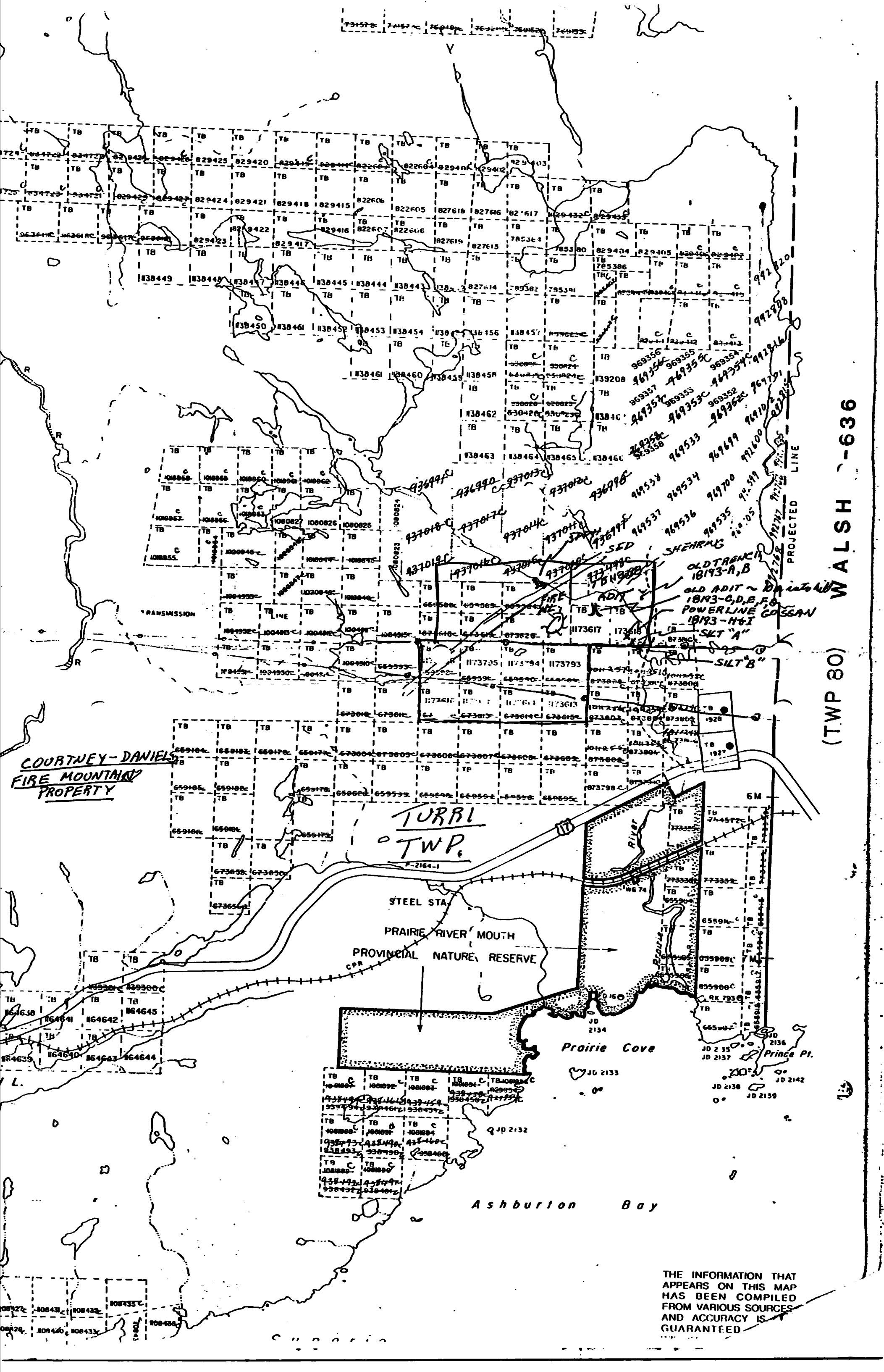
Date June 17, 1991

Issued To: Mark Smyk, Resident Geologist Office, MNDM, P.O. Box 5000, Thunder Bay, Ont. P7C 5G6

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton	Cu Ppm	Ni Ppm	Pd Ppb	Pb Ppm	Zn Ppm
90-BFM-01	0.012		296				76
-02	0.002						
-03	Nil						
-04	Trace						
-05	Trace		56				80
-06	Trace		56				324
-07	Trace		60				120

Fire Mountain

Copy of each



COURTNEY-DANIELS
FIRE MOUNTAIN
PROPERTY

TURRI
TWP.

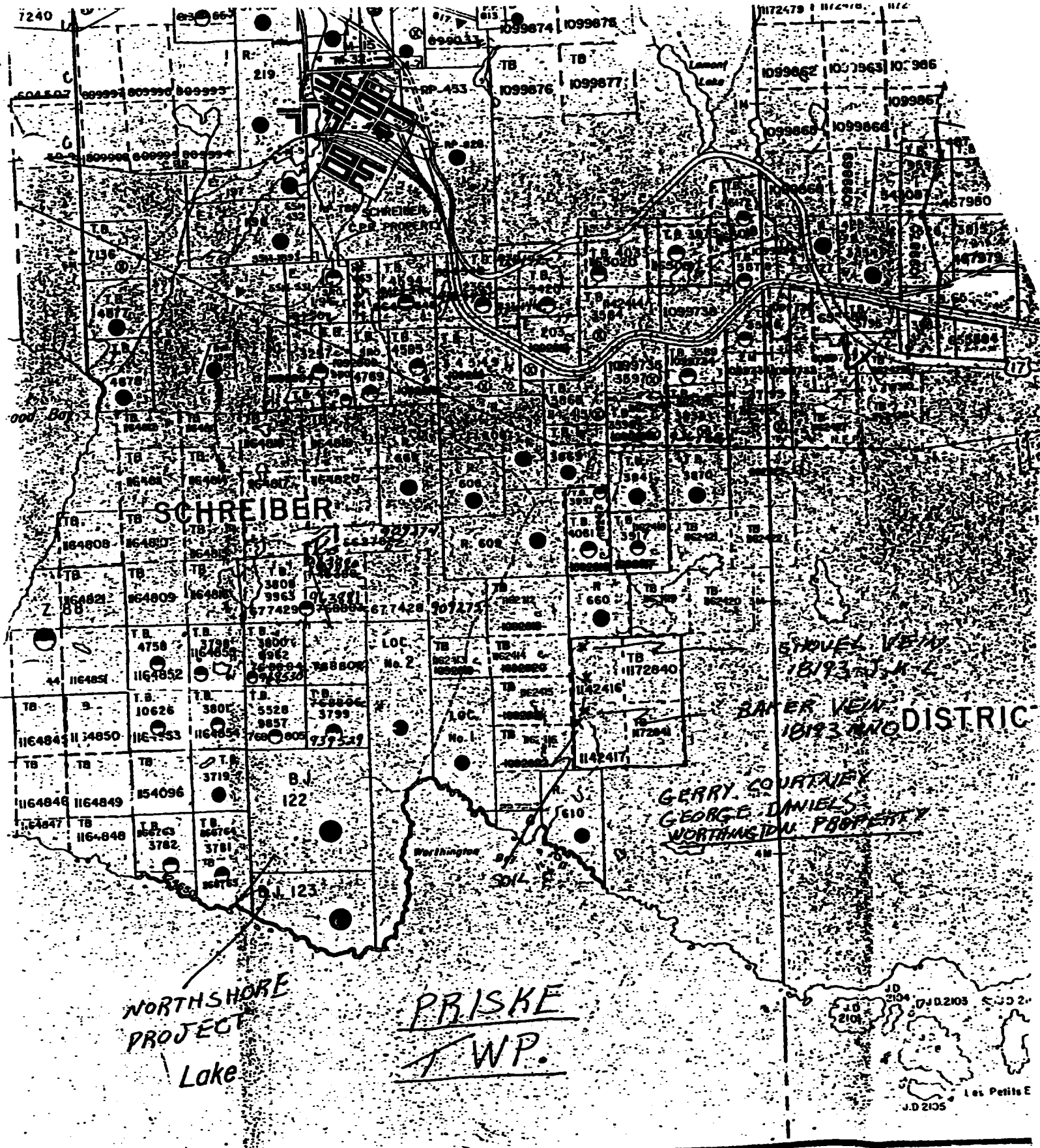
STEEL STA.
PRAIRIE RIVER MOUTH
PROVINCIAL NATURE RESERVE

Prairie Cove

Ashburton Bay

WALSH -636
(TWP 80)

THE INFORMATION THAT
APPEARS ON THIS MAP
HAS BEEN COMPILED
FROM VARIOUS SOURCES
AND ACCURACY IS
GUARANTEED



SCHREIBER

NORTHSHORE PROJECT
Lake

PRISKE
TWP.

GERRY COURTNEY
GEORGE DANIELS
NORTHSIDE PROPERTY

SHOVEL VEIN
1893 J.K.L.
BAKER VEIN
1893 MODISTRICT

J.D.2104 J.D.2103 J.D.2102
J.D.2101 Les Petits E
J.D.2105

N No 18193

Norex Sample Record Sheet

475-1112

Project Name: CURT-DNV

Number: _____

District: HEMBLE

Date: 9-10-91

Sampler: CWL

TURRI TWP

FIRE WOODS

TO COURTNEY
607 BROOKWAY ST.
THUNDER BAY ONT.
PTE 2K6

Sample #	Op.T.	Au	Zn	Cu	W.R.	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	Na ₂ O	TiO ₂	P ₂ O ₅	BaO	Lot	Sample Description
A	<u>✓</u>	<u>✓</u>													<u>DO NOT NO 2 POST</u> 118298 above 200' old pit 200/180's
B	<u>✓</u>														<u>11</u> 500' W OF NO 2 POST 118358 ABOVE OLD ADIT
C	<u>✓</u>	<u>✓</u>													<u>11</u> W. SHEAR VB RUST
D	<u>✓</u>	<u>✓</u>													<u>11</u> W. SHEAR VB RUST
E	<u>✓</u>	<u>✓</u>													<u>11</u> N. SHEAR VB RUST
F	<u>✓</u>	<u>✓</u>													<u>11</u> W. SHEAR VB RUST
G	<u>✓</u>	<u>✓</u>													<u>11</u> RICH ROCK NO-578 ABOVE ADIT.
H	<u>✓</u>	<u>✓</u>													<u>11</u> W. SHEAR VB RUST
I	<u>✓</u>	<u>✓</u>													<u>11</u> 500' S OF SHOVEL ZONE
J	<u>✓</u>	<u>✓</u>													<u>11</u> 150' + 10' GRAB WITH 30' CD IN FOR. WORTHINGTON GR 80% 80% SHOVEL ZONE
K	<u>✓</u>	<u>✓</u>													<u>11</u> QV W. SHEAR RUST
L	<u>✓</u>	<u>✓</u>													<u>11</u> EYEWITNESS RUST
M	<u>✓</u>	<u>✓</u>													<u>11</u> THAT PITCH 248 H. SHEAR ZONE BARKER ZONE WORTHINGTON GR 50% 50% SHOVEL ZONE
N	<u>✓</u>	<u>✓</u>													<u>11</u> GRAB CRIBY ~ 150-200' 750/800's
O	<u>✓</u>	<u>✓</u>													<u>11</u> GRAB papered murry

White - Field Copy

11

NORANDA EXPLORATION CO. LTD

MINISTÈRE, ONTARIO
ATTN: J. LORRY

PROJ:2098

TECHNICAL SERVICE LABORATORIES
1301 TWISTER DRIVE, MISSISSAUGA, ONTARIO L4W 1A2
PHONE #: (416) 625-1544 FAX #: (416) 625-8068

I.C.A.P. WHOLE ROCK ANALYSIS

Lithium Metaborate Fusion

REPORT No. : M9801
Page No. : 1 of 1
File No. : 8238A
Date : SEP-26-1991

SAMPLE #	AL2O3	FeO	CaO	MgO	MnO	ZnO	TiO2	K2O	P2O5	SiO2	Br	Cl	F	LOI
18193-A	12.74	1.17	3.95	2.14	1.76	0.42	1.44	0.18	0.18	126	126	30	4.84	
18193-B	13.30	1.15	4.15	2.13	2.94	0.42	1.36	0.14	0.14	110	110	26	4.02	
18193-C	13.36	1.04	0.25	1.04	0.42	0.54	1.16	0.18	0.18	65	65	30	5.85	
18193-D	7.85	1.15	1.15	1.15	0.54	0.90	0.90	0.06	0.06	41	41	18	11.62	
18193-E	22.07	1.15	4.70	1.15	0.64	2.31	1.15	0.16	0.16	59	59	24	7.84	
18193-F	6.78	1.15	7.33	0.84	0.28	1.14	0.27	0.02	0.02	77	77	15	7.92	
18193-G	3.46	1.15	0.19	0.51	0.11	0.44	0.16	0.02	0.02	18	18	15	15.33	
18193-H	6.90	1.15	0.43	1.51	0.13	0.77	0.77	0.02	0.02	20	20	16	17.84	
18193-I	15.34	1.15	2.17	2.54	3.40	1.20	2.39	0.36	0.36	223	223	38	9.58	
18193-J	10.04	1.15	2.07	0.48	2.75	1.31	0.16	0.22	0.22	130	130	4	2.43	
18193-K	11.56	1.15	0.48	0.54	2.99	1.14	0.16	0.18	0.18	217	217	8	2.87	
18193-L	19.67	1.15	4.29	0.84	4.90	1.14	0.46	0.30	0.30	849	849	18	2.52	
18193-M	14.95	1.15	2.04	1.48	6.41	1.14	0.38	0.16	0.16	332	332	16	4.91	
18193-N	10.69	1.15	0.21	0.48	4.75	1.14	0.22	0.46	0.46	107	107	16	15.55	
18193-O	14.94	1.15	2.22	1.42	5.01	1.14	0.35	0.22	0.22	664	664	16	1.97	

TSL/91

SIGNED :

[Handwritten Signature]



TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED

1301 LEWISIER DRIVE
MISSISSAUGA, ONTARIO
L4W 1A2

© (416) 625-1444 FAX: (416) 625-8368

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM **Noranda Exploration Company Ltd.
Bag Service #8
Marathon, Ontario
POT 2E0**

REPORT No.
M9801

SAMPLE(S) OF **Rock**

INVOICE #:
P.O.:

**John Londry
PROJECT: 2038**

	Cu ppm	Zn ppm	Au ppb	Au oz/t	Ag ppm
18193-A	75	260	<5		
18193-B	82	155	5		
18193-C	85	90	5		
18193-D	115	64	120		
18193-E	75	210	10		
18193-F	135	89	15		
18193-G	49	34	100		
18193-H	64	380	10		
18193-I	105	260	5		
18193-J	4200	31	190		5.0
18193-K	3000	15	810		31.
18193-L	125	50	80		
18193-M	95	40	>1000	.084	4.0
18193-N	>10000 (2.30%)	43	>1000	3.22/3.26	200.
18193-O	250	32	>1000	.042	

COPY: **Thunder Bay**
INVOICE: **Marathon**

Sep 26/91

SIGNED _____



For enquiries on this report, please contact Customer Service Department.
Samples, Pulps and Rejects discarded two months from the date of this report.



TECHNICAL SERVICE LABORATORIES

DIVISION OF MINISTRY OF TECHNICAL SERVICES LIMITED

1301 FLEMING DRIVE
MISSISSAUGA, ONTARIO
L4W 1A2

TEL: (416) 825-1844 FAX: (416) 875-8388

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM: Noranda Exploration Company Ltd.
Bag Service #8
Marathon, Ontario
PO# 280

REPORT No.
M9801

SAMPLE(S) OF: Rock

INVOICE #: P.O.:

John Londry
PROJECT: 2038

Sieve
Analyse

	Cu ppm	Zn ppm	Au ppb	As oz/t	Pb ppm
18193-A	75	260	<5		
18193-B	82	155	5		
18193-C	95	90	5		
18193-D	115	64	120		
18193-E	75	210	10		
18193-F	135	89	15		
18193-G	89	34	100		
18193-H	64	380	10		
18193-I	105	260	5		
18193-J	4200	31	190		5.0
18193-K	3000	15	810		31.
18193-L	125	80	80		
18193-M	95	40	>1000	.084	4.0
18193-N	>10000 (2.308)	43	>1000	3.22/3.26	200.
18193-O	250	32	>1000	.042	

COPY: Thunder Bay
INVOICE: Marathon

Sep 26/91

SIGNED



NORANDA EXPLORATION CO. LTD.
P.O. BOX 30 BATHURST, N. B.
E2A 321

GCI NO.	JL491	NTS NO.	
PROJECT NO.	2038 <i>COURTNEY - DANIELS</i>	LOCATION	HEMLO
ANALYST	GM BG	COLLECTOR	
MATERIAL	SILTS	STORAGE BOX	
NUMBER OF SAMPLES	3	DATE RECEIVED	09/13/91
DATE COMPLETED	09/26/91	DATE ENTERED	09/26/91
REMARKS	JOHN LONDY		

# / LOCATION	: CU	: PB	: ZN	: AG	: AU	: Undef:	Undef:	Undef:	Undef:
	: PPM	: PPM	: PPM	: PPM	: PPB	:	:	:	:
A	: 99:	22:	305:	0.3:	5:	0:	0:	0:	0
B	: 49:	27:	300:	0.1:	10:	0:	0:	0:	0
C	: 38:	65:	67:	0.4:	305:	0:	0:	0:	0

SAMPLE DESCRIPTIONS

EXH 'D'

DATE: May 25, 1991
PROPERTY: Daniels/Courtney - Worthington Cre

SAMPLE NO. LOCATION AND DESCRIPTION

Worthington Creek - South Block

- 206701 /
 Cl. 114246-7
 Baseline in Worthington creek.
 Syenite with dissem. py (2%).
- 206702 ✓
 Cl. 114247
 "Baker Trench"
 Weak bx syenite in fracture with minor pyrite as
 cubes.
- 206704 ✓
 "Baker Trench"
 Massive py and cpy vein from fracture in syenite.
- 206703 /
 "Baker Trench".
 Minor dissem. py syenite footwall to fracture with
 sx vein.
- 206705 ✓
 Just above "Baker Trench" on west side of creek.
 Greenish prop alt bx'ed by white qtz veins: py+cpy
 in qtz (2%) on fragment edges.
- 206706 ✓
 Cl. 114246
 "Shovel Hill".
 Pale green qtz-eye porph with dissem py+cpy (1%)
 along fracture planes.
- 206707 ✓
 "Shovel Hill".
 Syenite with cpy+py (2%) along thin fx surfaces.
- 206708 /
 "Shovel Hill"
 White qtz with dissem (bands) of coarse py+cpy (10%)
 assoc with calcite.
- 206709 ✓
 Trench
 Qtz-eye porph; feldspar greenish and slightly
 clouded.
- 206710 ✓
 L3W/1+50N
 Syenite with py+cpy (2%) dissem and along thin fx
 near qtz-feldspar porph contact.
- 206711 ✓
 L3W/1+50N
 Syenite bx'ed by qtz veins w/ dissem diseminations
 and fx surface cpy, moly and chl (10%).

206712 x
 Pitkanen trench
 Massive p0 from iron formation

Clarified
 109973

continues

WORTHINGTON CR. AL PTH Block

DATE: May .5, 1991
PROPERTY: Daniels/Courtney - Worthington Creek

SAMPLE NO. LOCATION AND DESCRIPTION

206713 Pitkanen Trench
Claim # 1099737 X Syenite w/ cpy+moly along fx (2-5%).

206714 Railway Trench
Claim # 1099738 X Qtz-feldspar porph w/ int carb alt; and 2-3% py.

End.

Notes:

- Syenite forms NE contact with quartz feldspar porphyry with some shearing.
- In both rock types there is weak to moderate shearing.



ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO

BOX 426

KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1

TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

43730

Certificate of Analysis

Page: 1

Mac Watson, President
Freewest Resources Inc.
Suite 1525
800 René Levesque Blvd. W.
Montreal, Québec
H3B-1X9

May 30

91

Work Order # : T910271
Project : General Exploration

Accurassay	SAMPLE NUMBERS	Customer	Gold pph	Gold Oz/T
		206701	6	<0.001
		206702	71	0.002
		206703	14	<0.001
		206704	77961	2.269 Baker Trench
		206705	97	0.003
		206706	36	0.001
		206707	199	0.006
		206708	867	0.025 Shovel hill
		206709	10	<0.001
		206710	346	0.010
		206710	225	0.007 Check
		206711	214	0.006
		206712	23	0.001
		206713	1109	0.032 Pitkanen Trench
		206714	95	0.003
		206714	99	0.003 Check North

Working T.W. CR Blocks

SOUTH

NORTH

Per: Blaine Velt



ACCURASSAY LABORATORIES
 A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
 BOX 426
 KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
 TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

43749

Certificate of Analysis

Page: 1

Mac Watson, President.
 Freewest Resources Inc.
 Suite 1525
 800 Rene Levesque Blvd W.
 Montreal, Quebec
 H3B-1X9

May 31

91

Work Order # : T910271
 Project : General Exploration

SAMPLE NUMBERS	Customer	Silver ppm	Copper ppm	Zinc ppm
544229	206701	2	11	27
544230	206702	2	100	30
544231	206703	1	12	38
544232	206704	88	>10,000	38 Baker Trench
544233	206705	6	66	15
4234	206706	1	470	9
544235	206707	3	6600	31-Shovel hill
544236	206708	30	6500	23 " "
544237	206709	<1	57	18
544238	206710	2	2100	69
544239	206711	4	3300	60
544240	206712	2	300	59
544241	206713	48	9000	300 Pitkanen Trench
544242	206714	2	47	78

WESTMINGTON GREEN SOUTH NORTH

Per: Blaine Venter

Rio Algom Exploration Inc.

ExH. E

October 23, 1991

J. Courtney
607 Brown Street
Thunder Bay, Ontario

Dear Mr. Courtney,

As promised, here are the assays for the samples taken during my visit to the Worthington Creek and Fire Mountain properties.

The samples taken at Fire Mountain (prefix MTN.) are disappointing. All of the sample returned less than 0.005 oz/ton Au.. I did not run the rocks for base metals as I saw little base metal potential in the shear zones sampled.

As expected, some good values were returned from the Worthington Creek property (prefix BAK.). The samples however, are very erratic which likely indicates the presence of nuggety gold.

As I mentioned earlier, we will not be pursuing an option on these properties as they lack the size potential required by Rio Algom.

I mentioned to Iain Downie that you will be bringing in samples from another area to review. Please feel welcome to stop by and discuss rocks at any time.

Best Regards,



Kevin Kivi
Geologist

KK:bbm
Enclosures

A subsidiary of Rio Algom Limited

SAMPLE DESCRIPTIONS FIRE MOUNTAIN		
SAMPLE #	DESCRIPTION	ASSAY AU W/R
MTN-001	cherty pelitic seds, grey, slaty look, 3mm semi-massive seams of pyrite.	<.0005
MTN-002	Sheared siltstone with 10% disseminated pyrite stringers - some pyrite replacement after euhedral quartz hexagons.	<.0005
MTN-003	1m chip - Shear zone at 276° at top of open cut - sheared pelitic sediment.	<.0005
MTN-004	0.9m. chip - shear zone (adjacent 003).	<.0005
MTN-005	Weakly to moderately carbonatized siltstone, 1-3% fine disseminated pyrite.	<.0005
MTN-006	Grab - Quartz vein, grey to white, chloritic clots, no significant fracturing, 0.2cm. po blebs, pelitic material on sides - probably from 10cm. wide vein.	<.0005
MTN-007	1.2m chip over carbonate and silic altered pelites.	<.0005
MTN-008	1.2m chip - N. end of cliff face, silic and carb siltstones, 2-3% py.	<.0005
MTN-009	0.8m fissile shear, porous, 10cm quartz vein, semi-massive pyrite, locally up to 15cm.	<.0005
MTN-010	0.9m chip - to middle of adit - strongly silicified, NO CARB altered, up to 10% pyrite, sericitic.	<.0005
MTN-011	0.8m chip - sheared and silicified siltstones, 25% quartz carb veining, strongly carb.	<.0005
MTN-012	0.9m Cherty sediment with 10-20% py, some qtz veining, carbonate altered.	<.0005
MTN-013	0.8m cherty sediment - siltstone - heavy gossan 10-20% disseminated pyrite.	<.0005
SULPHIDE HILL		
MTN-014	Mudstone with 20-30% pyrite, sometimes semi-massive, locally silicified (weak), some tuff (intermediate).	<.0005
MTN-015	Baked - altered basalts adjacent large diabase dyke - very rusty.	<.0005

**SAMPLE DESCRIPTIONS
WORTHINGTON CREEK**

SAMPLE #	DESCRIPTION	ASSAY AU W/R
BAK-001	Grab - 20% coarse to semi-massive pyrite.	0.0680
BAK-002	Grab - massive pyrite adjacent creek.	1.338
BAK-003	30% grey quartz strigners with 7% pyrite.	0.2340
BAK-004	Grey quartz stringer stockwork (30%) in red agenite.	0.0260



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: RIO ALGOM EXPLORATION INC.

108 - 106 MAY ST. SOUTH
THUNDER BAY, ON
P7E 1A9

Project: 9103
Comments: ATTN: K. KIVI CC: O. BONHAM

Page Number : 1
Total Pages : 1
Certificate Date: 02-OCT-91
Invoice No. : 19122671
P.O. Number :

CERTIFICATE OF ANALYSIS A9122671

SAMPLE DESCRIPTION	PREP CODE	AU FA OZ/TM									
BAK-002	214 --	1.338									
<i>Working for great results</i>											

CERTIFICATION

[Handwritten Signature]



Chemex Labs Ltd.

Analytical Chemilist * Geochemilist * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S5
PHONE: 416-624-2808

To: RIO ALGOM EXPLORATION INC.
109 - 106 MAY ST. SOUTH
THUNDER BAY, ON
P7E 1A9
Project: 9103
Comments: ATTN: K. KIVI CC: O. BONHAM

Page Number : 1
Total Pages : 1
Certificate Date: 27-SEP-01
Invoice No. : 19122071
P.O. Number :

CERTIFICATE OF ANALYSIS A9122071

SAMPLE DESCRIPTION	PREP CODE	Au Oz/t TA+AA							
BAR-001	208 294	0.0680							
BAR-002	208 294	>0.3500							
BAR-003	208 294	0.2340							
BAR-004	208 294	<0.0005							
MTN-001	208 294	<0.0005							
MTN-002	208 294	<0.0005							
MTN-003	208 294	<0.0005							
MTN-004	208 294	<0.0005							
MTN-005	208 294	<0.0005							
MTN-006	208 294	<0.0005							
MTN-007	208 294	<0.0005							
MTN-008	208 294	<0.0005							
MTN-009	208 294	<0.0005							
MTN-010	208 294	<0.0005							
MTN-011	208 294	<0.0005							
MTN-012	208 294	<0.0005							
MTN-013	208 294	<0.0005							
MTN-014	208 294	<0.0005							
MTN-015	208 294	<0.0005							

Western to grade

Five Max-Tain over

CERTIFICATION: Andy Vank

LAC Minerals Ltd.

**Exploration Division
901 Copper Crescent
Thunder Bay, Ontario
Canada P7B 6G1**

**Telephone
(807) 6.
Teleco:
(807) 6:**

EXH. F



LAC

October 1 1991

**Mr. George Daniels
P.O. Box 526
Terrace Bay, Ontario
P0T 2W0**

RE: WORTHINGTON CREEK AND FIRE MOUNTAIN

Dear George:

I would like to thank Gerry and yourself again for giving me the opportunity of visiting these prospective properties.

At the present time LAC is preparing the 1992 budget, after which I'll be in contact with you concerning our interest in the properties.

Regards

**Kevin Leonard
District Manager
Thunder Bay**

Mr. George Daniels
P.O.Box 526
Terrace Bay, Ontario
POT 2W0

RE: WORTHINGTON CREEK AND FIRE MOUNTAIN PROPERTIES

Dear George:

Enclosed please find the results of the sampling carried out on the properties noted above. We are currently evaluating both claim groups at this time and will advise you in due course as to our interest.

Sample WC1- Shovel Hill; granular, greyish-white crack and seal quartz vein, 10% mafic inclusions and partings, contains 3-5% coarse chalcopryrite and subordinate pyrite. 0.044 oz/ton Au

Sample WC2- Shovel Hill; syenite, light grey in colour, moderately silicified, weak epidote alteration, sausseritized, contains 1-2% pyrite and chalcopryrite (minor malachite staining).
- 0.004 oz/ton Au

Sample WC3- Shovel Hill; syenite, intruded with sporadic, narrow quartz stringers, weak potassic alteration, contains less than 1% chalcopryrite.
- 0.004 oz/ton Au

Sample WC4- Univex; quartz vein, weak but pervasive limonite alteration, up to 2% vuggy pyrite.
0.037 oz/ton Au; check assay 0.029 oz/ton Au.

Sample WC5- Baker Vein; syenite, on the footwall contact with BV., intruded with grey, glassy quartz stringers (similar in appearance to QFP intrusive observed on Joa's Hays Lake property), moderately hematitic, minor pyrite.
0.321 oz/ton Au

Sample WC6- Baker Vein; syenite, pinkish colouration (i.e. potassic overprint), cut by quartz stringers as noted in sample WC5 above, coarse aggregates of pyrite up to 5%.
-0.416 oz/ton Au

Sample WC7- Baker Vein; quartz vein material, gossanous, sheared

within the " Baker" fracture zone, semi massive to massive pyrite mineralization.

-1.853 oz/ton Au

Sample WC8- Baker Vein; syenite, along strike of the creek exposure, relatively fresh sample containing 5-7% disseminated pyrite.

-0.003 oz/ton Au

Sample WC9- Baker Vein; west side of creek, potassic altered syenite containing between 3 to 5% disseminated pyrite

-0.003 oz/ton Au

Sample WC10-Baker Vein; 5 feet east of Worthington Creek, massive pyrite mineralization within fracture zone in syenite intrusive.

-1.347 oz/ton Au, check assay- 1.287 oz/ton Au

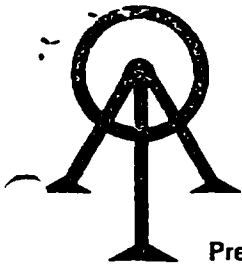
FIRE MOUNTAIN

FM 1-4 inclusive- Adit; samples taken from a 35 foot wide gossanous shear zone containing semi-massive and stringered pyrite and pyrrhotite mineralization.

-745 ppb Au highest value.

FM 5-6- Gossan Zone; siliceous, gossanous, 40 foot wide shear zone along the flank of a prominent linear ridge of outcrop.

-28 and 14 ppb Au



ACCURASSAY LABORATORIES
 A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
 BOX 426
 KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
 TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

41694

Certificate of Analysis

Page: 1

Allan MacTavish
 Lac Minerals/Bond Gold Canada
 901 Copper Crescent
 THUNDER BAY, ON
 P7B 6G1

September 6

91

Work Order # : T910652
 Project :

SAMPLE NUMBERS Accurassay	CUSTOMER	Gold ppb	Gold Oz/T	
50479	FM-1	38	<0.002	
50480	FM-2	745	0.022	
50481	FM-3	72	0.002	
50482	FM-4	41	<0.002	
50483	FM-5	28	<0.002	
50484	FM-6	14	<0.002	
50485	WC-1	1513	0.044	<i>Standard</i>
50486	WC-2	125	0.004	
50487	WC-3	142	0.004	
50488	WC-4	1288	0.037	
50488	WC-4	993	0.029	Check
50489	WC-5	11020	0.321	
50490	WC-6	14305	0.416	
50491	WC-7	63686	1.853	
50492	WC-8	105	0.003	
50493	WC-9	97	0.003	
50494	WC-10	46275	1.347	
50494	WC-10	44235	1.287	Check

Per: *Blaine V...*



ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE

BOX 428

KIRKLAND LAKE, ONTARIO, CANADA P2I

TEL.: (705) 867-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.)

16
EXH. 'G'

42202

Certificate of Analysis

Page #1

Mr. Wayne McChristie
Golden Myra
140 East Frederica Street
THUNDER BAY, ON
P7E 3V5

June 05, 1991

Work Order: T910198
Project:

Results are as follows:

SAMPLE NUMBER		Ag	Mo	Ni	Zn
Accurassay	Customer	PPM	PPM	PPM	PPM
543346	205357	3	5	69	54
543347	205358	4	14	83	26
543348	205359	32	320	69	200
543349	205360	6	9200	60	74
543350	205361	2	110	18	40
543351	205362	3	1400	19	59

Per: Blaine Vetter



ACCURASSAY LABORATORIES
 A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
 BOX 426
 KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
 TEL.: (705) 667-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

43559 Certificate of Analysis

Page: 1
 May 14 91

Wayne McChristie
 Golden Myra
 140 East Frederica Street
 THUNDER BAY, ONTARIO
 P7E 3V5

Work Order # : T910222
 Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T
543740	# - 4 206201	33	<0.002
543741	# - 1 206202	90	0.003
543742	# - 2 206203	7	<0.002
543743	# - 3 206204	<5	<0.002
543744	# - 5 206205	<5	<0.002
543745	# - 6 - 1 206206	21	<0.002
3746	# - 6 - 2 206207	13	<0.002
543747	# - 7 - 3 206208	16	<0.002
543748	# - 7 - 1 206209	28	<0.002
543749	# - 7 - 2 206210	10	<0.002
543749	# - ? - 206210	10	<0.002 Check
543750	# - 8 206211	11	<0.002
543751	# - 9 206212	9	<0.002
543752	# - 10 206213	5	<0.002
543753	# - 11 206214	11	<0.002
543754	# - 11 - 2 206215	27	<0.002
543755	# - 11 - 3 206216	21	<0.002
543756	# - 11 - 4 206217	45	<0.002
543757	# - 11 - 5 206218	<5	<0.002
543757	# - 11 - 5 206218	<5	<0.002 Check

LF-20 ✓

Per: Bo. [Signature]



ACCURASSAY LABORATORIES
 A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
 BOX 426
 KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
 TEL.: (705) 567-3351

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

43500

Certificate of Analysis

Page: 1

Wayne McChristie
 Golden Myra
 140 East Frederica Street
 THUNDER BAY, ONTARIO
 P7E 3V5

May 7

91

Work Order # : T910196
 Project :

Accurassay	SAMPLE NUMBERS Customer	Gold ppb	Gold Oz/T	
543346	205357	15	<0.002	
543347	205358	29	<0.002	
543348	205359	2228	0.065	
543349	205360	35	<0.002	
543350	205361	37	<0.002	
3351	205362	66	0.002	
543351	205362	62	0.002	Check

Per: Blair V. [Signature]

*report of activities 1985
regional & resident geologists*

FIRE MTN

G.C. PATTERSON FT AL.

EXH. H'

main line, and about midway between Rosspoint and Payplat siding.

About three years ago, Mr. Weiden sold the controlling interest to John King, the enterprising general merchant of this place, and that gentleman has since that time had men doing a little prospecting on the property

On that date, while prospecting, a vein was struck which for richness is equal to anything ever found in the district before, and the place where it was found was only about three or four hundred feet from the spot where Capt. Weiden had been prospecting for months and had only been able to find silver assaying from \$10.00 to \$25.00 to the ton.

The vein where the big find was made is ten feet wide and may be followed for one half of a mile. It is a veritable wall of silver, from which huge chunks may be detached by the use of a common miner's pick, and it is estimated that no less than \$800,000 worth of silver is in sight at this place.

Capt. Weiden brought samples of the rock to Fort William, and Mr. Peter McKellar assayed them and found that they were sufficiently rich to reach the enormous figures of from \$2,500 to \$10,000 to the ton of native silver and a button of the precious metal, made from the samples for assay, was seen by a reporter. [The Daily Journal, Dec. 2, 1895]

Mr. Joseph Weiden has sold his interests in location R570, 594, 576, 577 and 578, north of the Pays Plat Indian reserve to Mr. Jno King. [The Daily Journal, Nov. 17, 1896]

The above area was open for staking, as of December 11, 1985.

Example 2:

Another property has now come to the front in Algoma in the Fire Mountain, known as 362X, which was discovered by Mr. W.H. Arnold about the middle of October and is situated 1 1/2 miles from northeast of Steel Lake siding, 160 miles east of Port Arthur. This property is something unusual in the mining discoveries of Algoma, as it appears to be nothing short of a gold quarry, one wall only being discovered yet, which is at the base of a mountain, the mountain formerly having no name, but was named by the discoverer. The quarry is one half mile long, following the mountain its entire length, and at present the ore is of a state formation, highly mineralized and carrying galena, copper and iron pyrites in good quantities. Assays have been made and they run from \$1.50 to \$40 per ton gold. [The Daily Journal, Dec. 5, 1896]

THUNDER BAY DRILL CORE LIBRARY by G.D. White and P. Hinz

Construction of the Thunder Bay Drill Core Library was initiated in May and completed in October of 1985. The official opening will take place in the spring of 1986. To date, approximately 30 400 m of core are stored in the facility (which has a capacity

for about 137 000 m), v stored at three temporar: 4.6). Flatbed trucks, the 5480 m of core, were use these temporary field locz was obtained through voluntary donations and solliciting of companies active in the Thunder Bay Region. An up-to-date list of all companies and prospectors active in the area is maintained through contact with the Economic Geologist Programs, Ontario Geological Survey field geologists and through work permits and assessment data submitted to the Resident Geologist. Computer compilation of all data is in progress.

For the purpose of providing easy access to and cataloguing of core samples, the Thunder Bay Region has been divided into four areas: 1) West: Atikokan-Shebandowan, 2) East: Schreiber-Terrace Bay, 3) North: Beardmore-Geraldton, and 4) The Hemlo Area. This provides for easy access and cataloguing of all core samples. It is hoped that this facility will be used by mining companies, prospectors, and academics for detailed follow-up studies, property acquisitions, and thesis work. Equipment required for core splitting, chemical testing, and microscopic examination are available at the Drill Core Library. Detailed files on logs, geochemical testing, and drillhole locations are maintained for all properties.

Unlogged drill core will be documented by Library staff and the data will be accessible to the public.

The Drill Core Library is presently staffed by G.D. White and Assistant, P. Hinz. All inquiries relating to the facility may be directed to: Drill Core Library, Ontario Ministry of Northern Development and Mines, Euclid Avenue, Thunder Bay, Ontario, P7C 5G6, or by calling (807) 475-1331.

BUILDING AND MONUMENT STONE by M.C. Kennedy and P.M. Gertzbein

INTRODUCTION

The "Building Stone Inventory" project was initiated in April 1984 to encourage the development of the dimension stone industry in the North Central Region. It is a two-year project funded jointly by the Federal and Provincial Government under the Northern Ontario Rural Development Agreement (NORDA), and is staffed by Myra Kennedy and Paul Gertzbein, Resource Geologists. The primary goals of the program are to identify areas and rock types having high potential for the production of good quality building and monument stone and to make information on all aspects of the stone industry available to the private sector.

Project activities have included identification and detailed documentation of occurrences of good quality stone as well as reconnaissance mapping in areas of high potential. Stone samples are cut and polished and are available for viewing at the Thunder Bay Resident Geologist's Office. Physical testing, chemical analysis, and petrographic work have been carried out on selected samples. Prospectors have received assistance in the form of property visits, sample preparation, information about the stone industry, and assistance making business contacts. The pro-

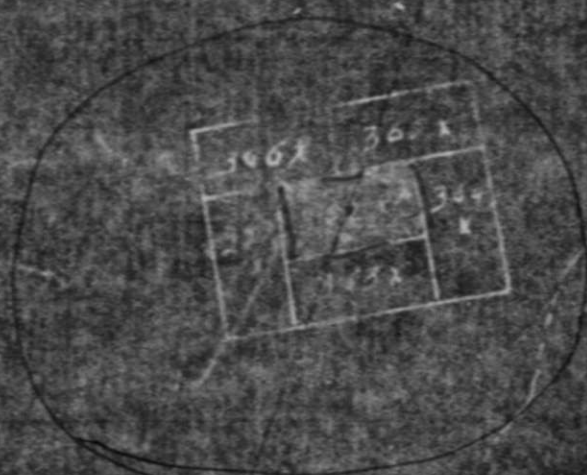
EXHIBIT A

LAKE
MOUNTAIN

River

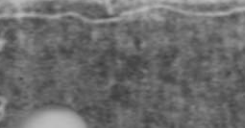
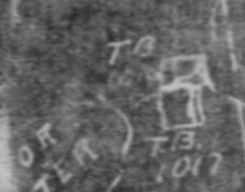
81

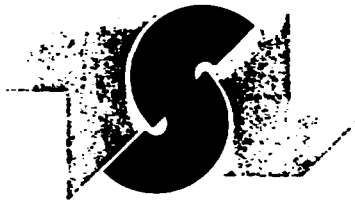
AREA OF INTEREST



SIDING

STEEL





TECHNICAL SERVICE LABORATORIES

DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED

1301 FEWSTER DRIVE
MISSISSAUGA, ONTARIO
L4W 1A2

TEL (416) 675-1544 FAX (416) 675-1545

CERTIFICATE OF ANALYSIS

EXH 'J'

SAMPLE(S) FROM **Minnova Inc.**
2606 Victoria Avenue
Thunder Bay, Ontario
P7C 1E7

REPORT No.
M1139

SAMPLE(S) OF **Pulp**

INVOICE #:
P.O.:

I. Morrison
PROJECT: 808

	Cu ppm	Zn ppm	Ni ppm	Ag ppm	Au ppb
MIS-0804	110	96	100	<0.2	<5
MIS-0805	52	140	140	<0.2	<5
MIS-0806	42	95	110	<0.2	80
MIS-0807	36	83	4	<0.2	<5
MIS-0808	130	49	190	<0.2	<5

fine metal

COPY:
INVOICE: Thunder Bay

Nov 07/91

SIGNED _____

[Signature]

For enquiries on this report, please contact Customer Service Department.
Samples, Pulps and Rejects discarded two months from the date of this report.

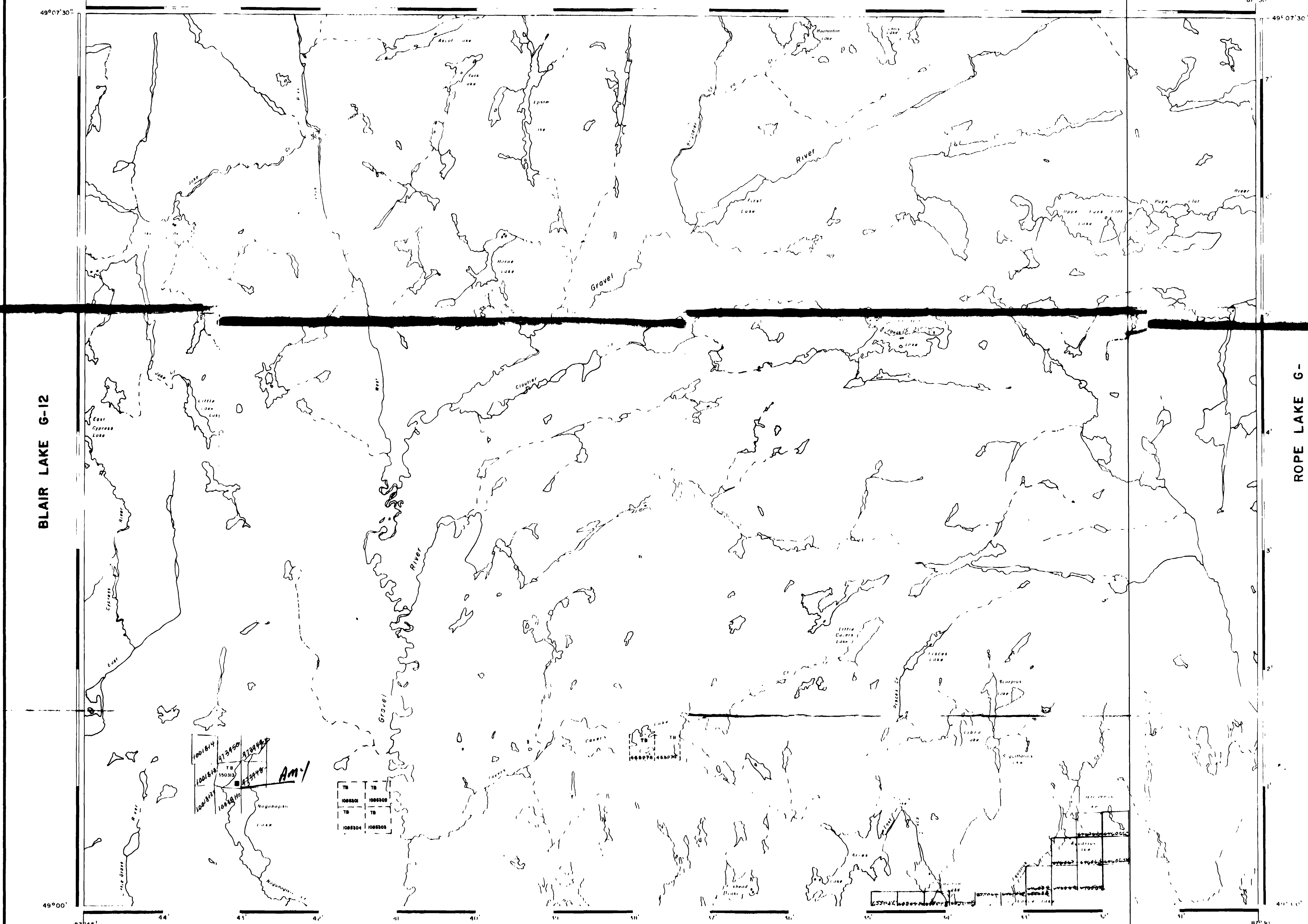


SAMPLE DESCRIPTIONS — G. COURTNEY

- MIS-0804 - biotite gneiss
- 1% po, massive to streaky biotite with
quartzo-feldspathic zones - probably
migmatized pelitic metasediment
- MIS-0805 - intermediate gneiss
- fine grained intermediate massive rock
(volcanic?) with patchy biotite alteration
- MIS-0806 - greywacke sediment (pond)
- fine grained massive medium grey intermediate
composition - joint controlled chlorite
- MIS-0807 - rhyolite / felsite (powerline)
- massive fine grained siliceous volcanic
flow / (dyke?) - unaltered
- MIS-0808 - gossan zone (powerline)
- very rusty iron formation - tuffaceous?
(composite chip sample)

KABAMICHIGAMA LAKE G-58

RECEIVED
THUNDER BAY
MINING DIVISION
DEC 19 AM 11 35



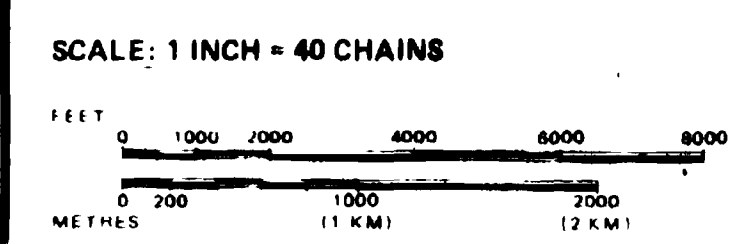
LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES ETC.
- UNSURVEYED 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 6 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT R.S.O. 1970 CHAP. 380, SEC. 43 SUBSEC. 1



AREA
GRAVEL RIVER
M.N.R. ADMINISTRATIVE DISTRICT
NIPIGON & TERRACE BAY
MINING DIVISION
THUNDER BAY
LAND TITLES / REGISTRY DIVISION
THUNDER BAY

Ministry of Natural Resources
Land Management Branch
Ontario

Date: FEBRUARY 1981
Number: **G-45**

BLAIR LAKE G-12

ROPE LAKE G-

MIDDLE FOX LAKE G-85

Seleo & ...

AREA OF INTEREST
3

EXHIBIT # 5

PAYS PLAT LAKE G-606

LOWER AGUASABON LAKE G-599

RECEIVED
THUNDER BAY
DIVISION
90 NOV 26 AM 11 14

REFERENC

AREAS WITHDRAWN FROM DISPOSIT

Doc. No.	Order No.	Date	Disposition	File
(4) SEC 36/80	W18/82	24/11/82	S R	18108V
(5) SEC 36/80	W28/83	20/8/83	S R	188541
(6) SEC 36/80	W30/87	11/06/87	S R	188541

RESERVE FLOODING RIGHTS TO CONTAIN 905 D.S.C. ON AGUASABON RIVER & BIG DUCK CREEK FOR H.E.P.C. ON ONTARIO FILE 132730

LAND UNDER LAKE SUPERIOR WITHDRAWN FROM STAKING BY O.C. - 30 APRIL 1912

TERRACE BAY TOWNSHIP EXTENDS TO THE INTERNATIONAL BOUNDARY

LEGEND

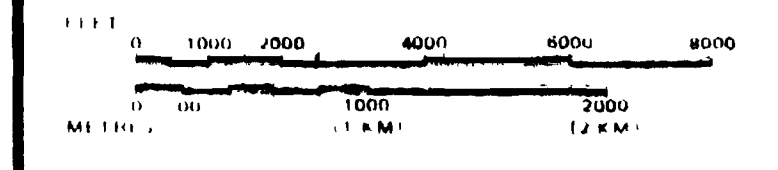
HIGHWAY AND ROAD	—
OTHER ROADS	—
TRAILS	—
SURVEYED LINE	—
TOWNSHIP BOUNDARY	—
LOTS MINING CLAIMS	—
UNSURVEYED LINE	—
LOT LINE	—
PARCEL BOUNDARY	—
MINING CLAIMS	—
RAILWAY AND LIGHT RAILWAY	—
UTILITY LINE	—
NON PERMANENT STREAM	—
FLOODING OR FLOODING RIGHT	—
SUBDIVISION OR COMPASS PLAN	—
RESERVATIONS	—
ORIGINAL SHORELINE	—
MANHOLE OR MUSEUM	⊗
MINES	⊕
TRAVEL 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	OC
RESERVATION	⊙
CANCELLED	⊖
SAND & GRAVEL	⊗

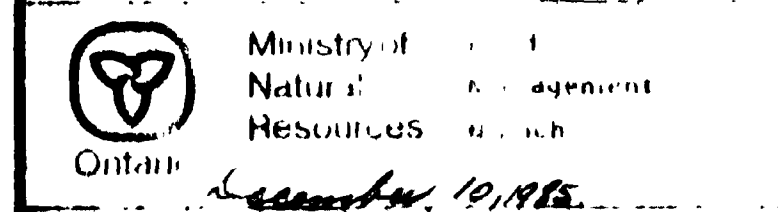
NOTE: MINING RIGHTS ARE NOT PATENTED PRIOR TO MARCH 1917. CESTED IN ORIGINAL PATENT BY THE PUBLIC LANDS ACT (R.S.O. 1907, CHAP. 180, SEC. 61, 5, 6, 7, 8)

SCALE 1 INCH = 40 CHAINS



TOWNSHIP: PRISKE

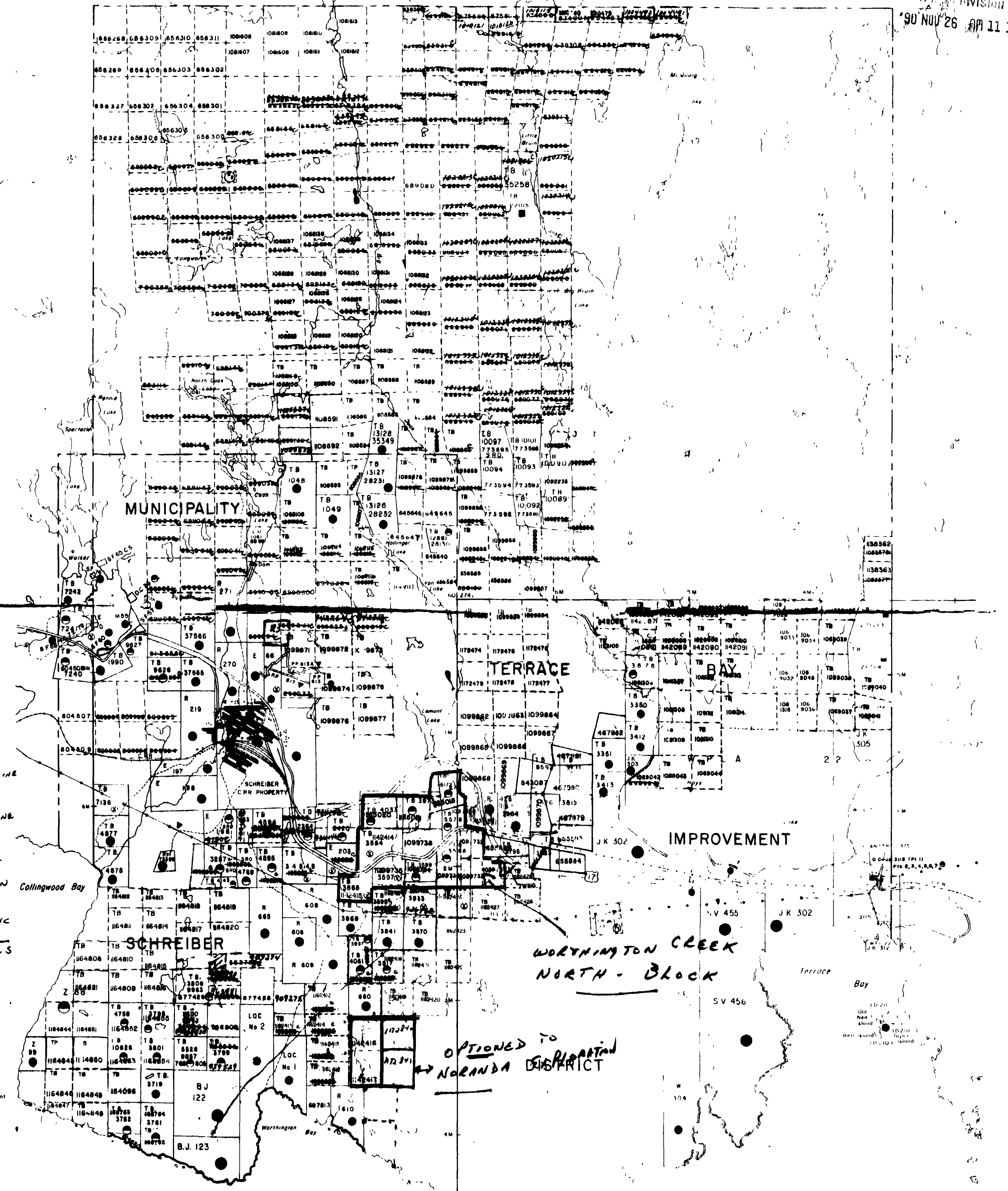
M.N.R. ADMINISTRATIVE DISTRICT
TERRACE BAY
MINING DIVISION
LAND USES/REGISTRY DIVISION
THUNDER BAY



1988 MARCH 23

G-631

STREY TWP. G-633



COPPER ISLAND G-588

- OLD PRODUCERS
- HARKNESS-HAYS GOLD MINE
 - GOLD RANGE MINE
 - NORTH SHORE GOLD MINE

- CURRENT EXPLORATION
- NORANDA EXPL. INC.
 - COURTNEY-DANIELS

OPTIONED TO NORANDA DISTRICT

091-071

EXHIBIT #1



THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED. THOSE WHO WISH TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LAND SHOWN HEREON.

AREAS WITHDRAWN FROM DISPOSITION				
SR	SURFACE RIGHTS	MR	MINING RIGHTS	
④	SEC 36/80	W18/82	24/11/82	10188
④	SEC 36/80	W38/83	20/8/83	8000
④	SEC 36/80	W48/83	11/10/83	5000

5000
7500
12500
30000

RESERVE FLOODING RIGHTS TO CONTAIN 900' O.S.C. ON AGUASABON RIVER & BIG DUCK CREEK FOR H.E.P.C. ON ONTARIO FILE 132730

LAND UNDER LAKE SUPERIOR WITHDRAWN FROM STAKING BY O.C. - 30 APRIL 1918.

TERRACE BAY TOWNSHIP EXTENDS TO THE INTERNATIONAL BOUNDARY

LEGEND

- HIGHWAY AND ROUTE NO.
- OTHER ROADS
- SURVEYED LINE
- TOWNSHIP, BASE LINE, ETC.
- LOTS, MINING CLAIM, PARCEL, ETC.
- UNSURVEYED LINE
- 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
- MARK OR MARKERS
- MINER
- TRaverse MONUMENT

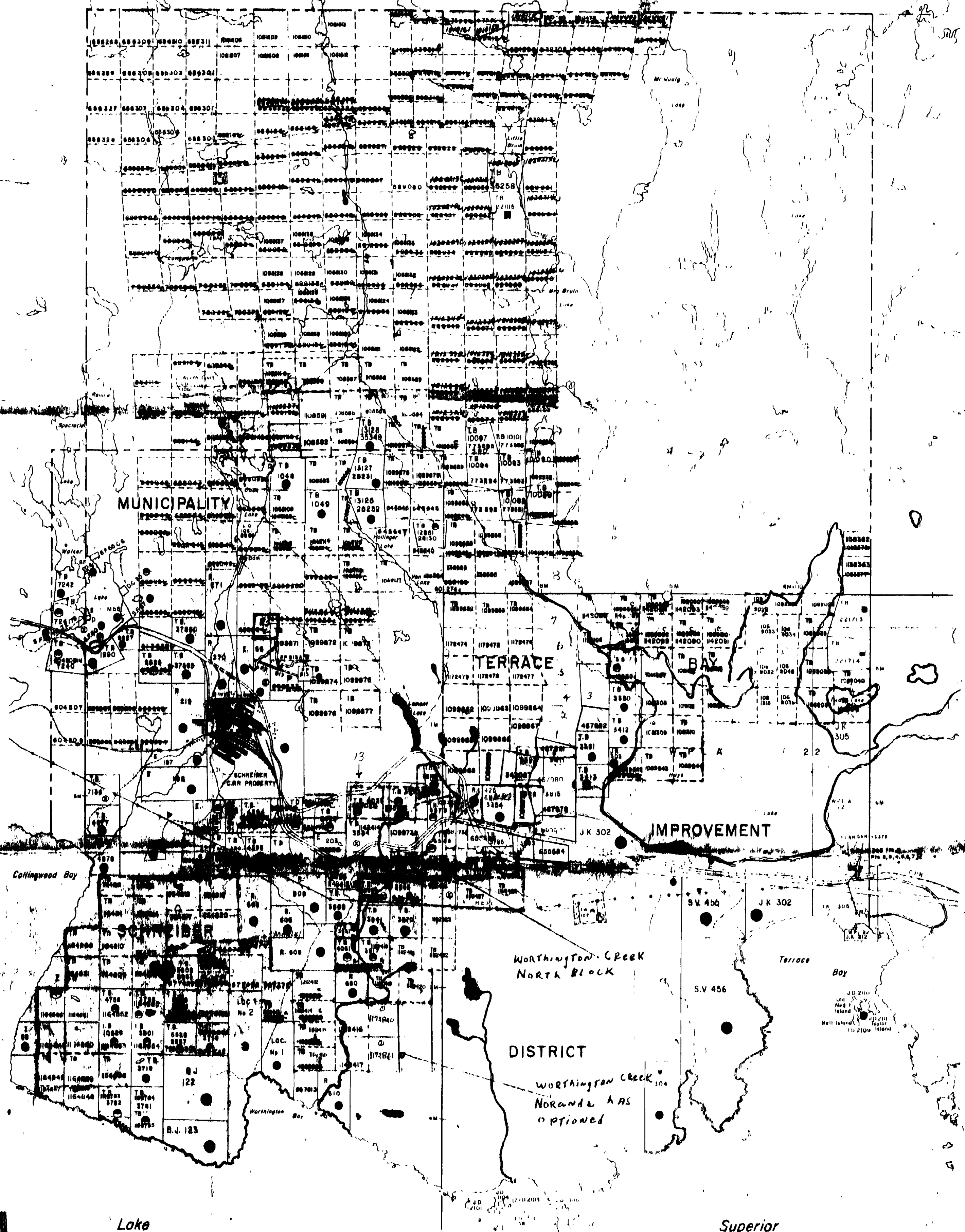
DISPOSITION OF CROWN LANDS

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 OCCUPANCY	○
ORDER IN COUNCIL	OC
RESERVATION	○
CANCELLED	○
SAND & GRAVEL	○

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6 1911 VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT R.S.O. 1914 CHAP. 180 SEC. 83 & SEC. 1

COPPER ISLAND G-588

STREY TWP. G-633



TOWNSHIP *exhibit #1*
PRISKE

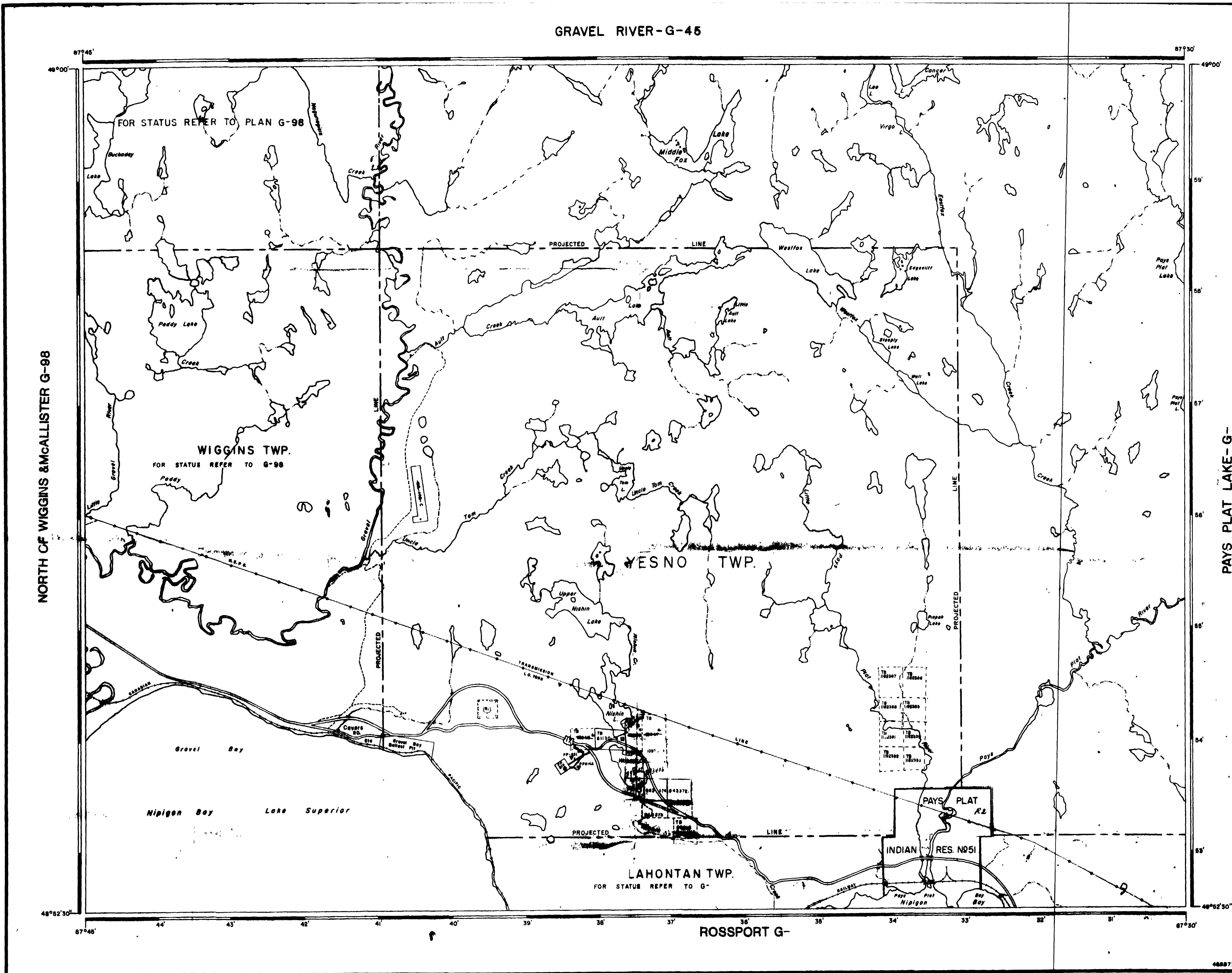
M.N.R. ADMINISTRATIVE DISTRICT
TERRACE BAY
MINING DIVISION
THUNDER BAY
LAND TITLES / REGISTRY DIVISION
THUNDER BAY

Ministry of Natural Resources
Ontario

Nov 26/87



GRAVEL RIVER-G-45



AREAS WITHDRAWN FROM DISPOSITION
 S.R. - SURFACE RIGHTS, M.R. - MINING RIGHTS

Description Order No. Date Disposition
 R2 Dec 36 142/88 742 01/1/71

RECEIVED
 THUNDER BAY
 MINING DIVISION
 MAR 9 1991

LEGEND

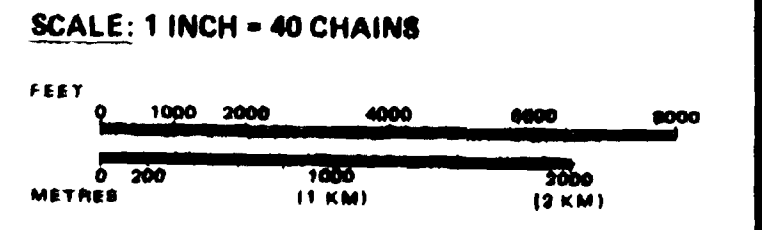
PATENT, SURFACE AND MINING RIGHTS	●
" SURFACE RIGHTS ONLY	○
" MINING RIGHTS ONLY	○
LEASE, SURFACE AND MINING RIGHTS	■
" SURFACE RIGHTS ONLY	■
" MINING RIGHTS ONLY	■
LICENCE OF OCCUPATION	▼
ROADS	—
IMPROVED ROADS	—
KING'S HIGHWAYS	—
RAILWAYS	—
POWER LINES	—
MARSH OR MUSKEG	—
MINES	⊠
CANCELLED	C.
LAND USE PERMITS FOR COMMERCIAL TOURISM/OUTPOST CAMPS	✓

NOTES

Land under water in Lake Superior withdrawn from staking by Order in Council dated April 30, 1912.

All lands within the Indian Reserve are controlled by the Dept. of Indian Affairs in Ottawa.

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON



AREA
MIDDLE FOX LAKE

M.N.R. ADMINISTRATIVE DISTRICT
TERRACE BAY & NIPIGON
 MINING DIVISION
THUNDER BAY
 LAND TITLES / REGISTRY DIVISION
THUNDER BAY

Ministry of Natural Resources
 Land Management Branch

Ontario
 MARCH 5, 1991

Date: March 1991
 Number: **G-85**

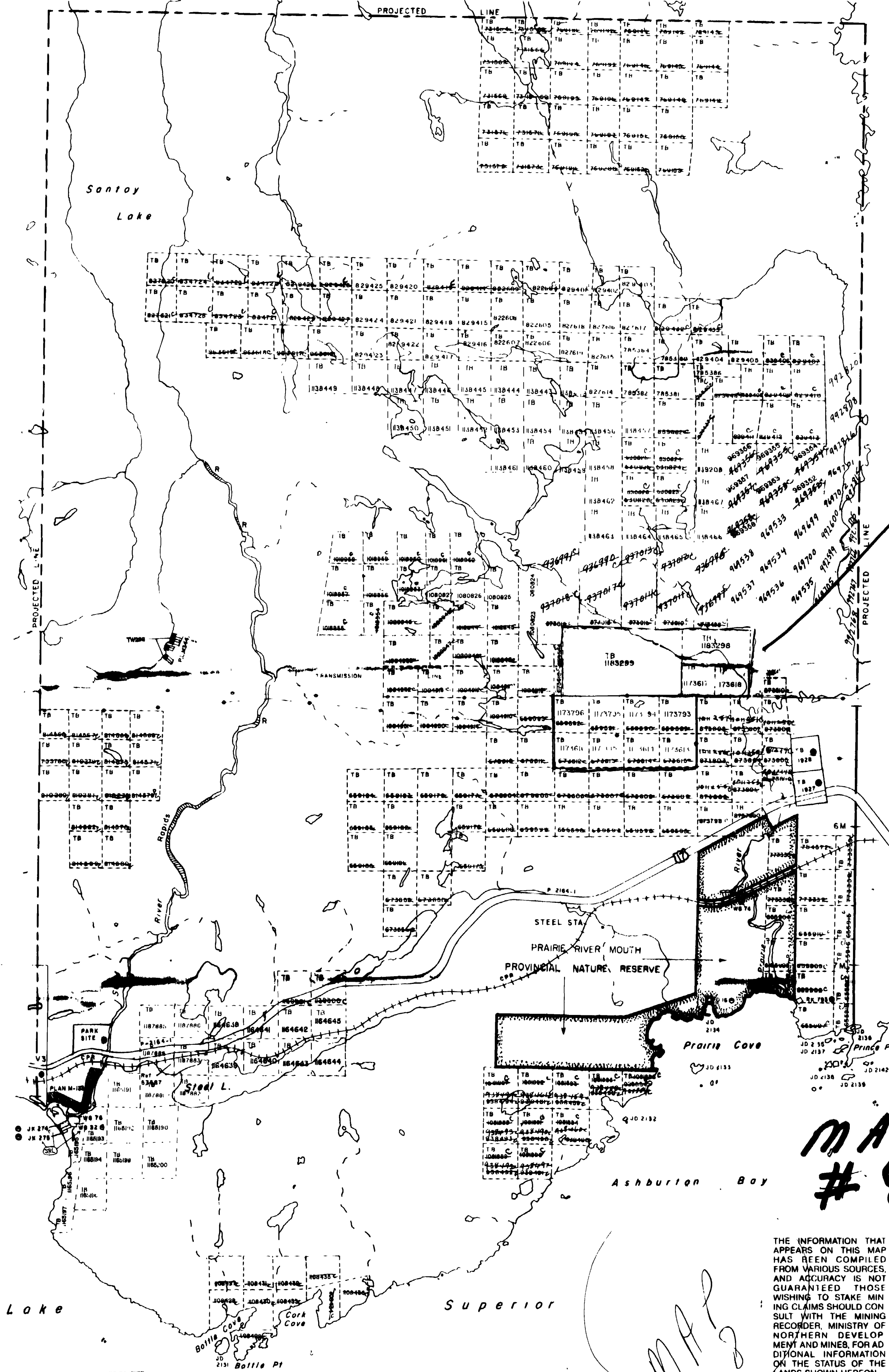
MAP # 9

SANTOY LAKE G-612

REFERENCES

(TWP 82) SYINE G-634

(TWP 80) WALSH G-636



Fire Mountain
 CLAIMS J.G. DANIELS
 & J. COURTNEY
 1771

16. SEP 13 AM 11 55

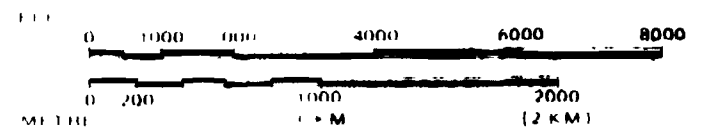
LEGEND

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 SHORFLINE	
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	
LAND USE PERMITS FOR COMMERCIAL TOURISM, OUTPOST, AMUSEMENT	

SCALE 1 INCH = 40 CHAINS



TOWNSHIP

TUURI

M.N.R. ADMINISTRATIVE DISTRICT
TERRACE BAY

MINING DIVISION
THUNDER BAY

LAND TITLES / REGISTRY DIVISION
THUNDER BAY

Ministry of Land Management
 Natural Resources Branch
 Ontario

FEBRUARY 3 1987

Date MARCH 1987

Number

G-635

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

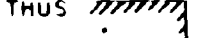


REFERENCES

AREAS WITHDRAWN FROM DISPOSITION





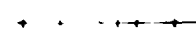

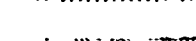

Disposition	Original	Date	Authority	File
(R) NCR	W 40/81	15/4/81	SR	111
(R) Park Reserve	W 52/83	12/2/83	M.B.H.	1881

Inspection by: Exp. Authority Licence of Occupation only apply to Mining Rights etc.












IMPROVED DISTRICT OF TERRACE BAY SHOWN THUS 

LAND UNDER LAKE SUPERIOR WITHDRAWN FROM STAKING BY O.C. APRIL 30, 1912

LEGEND

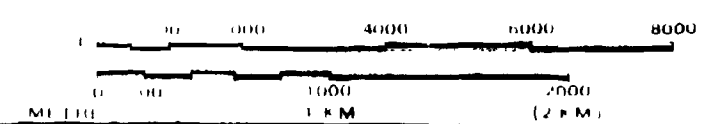
PROJECTED LINE	
MINING CLAIMS	
RAILWAY AND RIGHT OF WAY	
NON-FURNISHED	
ORDER IN COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT SURFACE & MINING RIGHTS	
SUBJECT 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 PARTIAL PATENTED PROSPECTS TO MAINTAIN RESERVATION IN ORIGINAL CANCELED BY THE PUBLIC LANDS ACT 1930 (S.P. 180) ARE SUBJECT

SCALE 1 INCH = 40 CHAINS



TOWNSHIP

SYINE

M.N.R. ADMINISTRATIVE DISTRICT
TERRACE BAY
 MINING DIVISION
THUNDER BAY
 LAND TITLES / REGISTRY DIVISION
THUNDER BAY

 Ministry of Natural Resources Ontario

Land Management Branch

Number

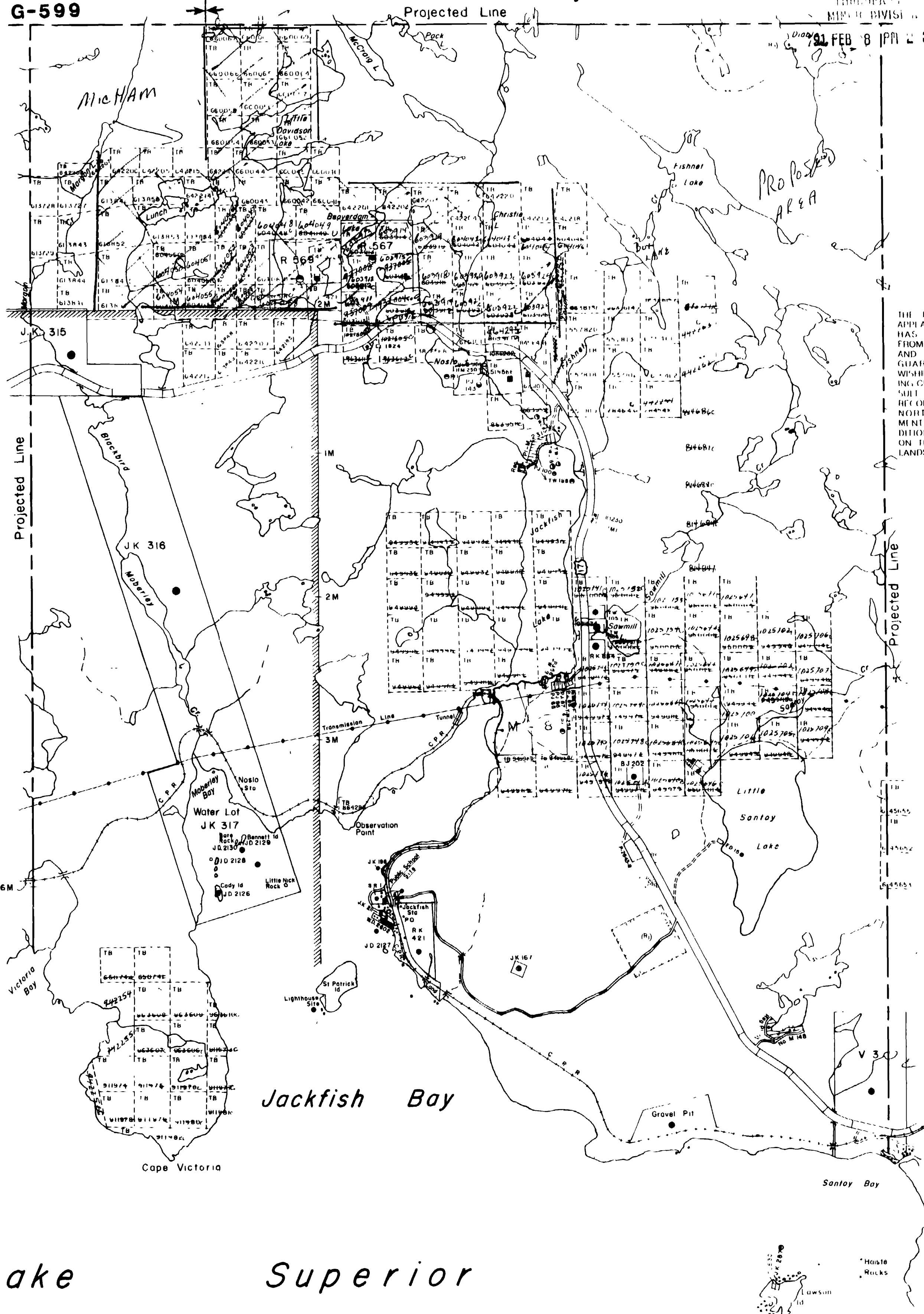
G-634

EXHIBIT # 2

Lower Aguasabon Lake Area
G-599

Santoy Lake Area **G-612**

MINING DIVISION
 FEB 8 1981



THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

STREY Tp. **G-633**

TUURI Tp.



THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED...

Table with columns: No., Sec., Date, Disposition, File. Includes entries for SEC 36/80, SEC 36/80, and SEC 26/80.

#7

RESERVE RIGHTS... AGUASABON RIVER... ONTARIO FILE 132730... LAND UNDER LAKE SUPERIOR WITHDRAWN FROM STAKE BY O.C. - 30 APRIL 1912... TERRACE BAY TOWNSHIP EXTENDS TO THE INTERNATIONAL BOUNDARY.

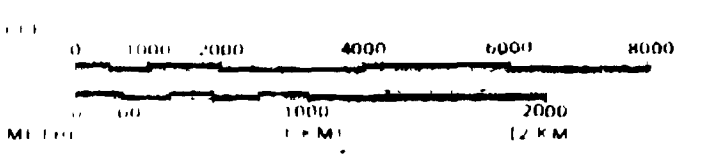
LEGEND

- Highway and Route No.
Other Roads
Trails
Surveyed Lines
Township's Base Lines, Etc.
Lots Mining Claims, Parcels, Etc.
Unsurveyed Line
Lot Lines
Parcel Boundary
Mining Claims
Railway and Right of Way
Utility Line
Non-Perennial Stream
Flooded or Flowing Right
Subdivision or Comp. Site Plan
Reservations
Original Shoreline
Marsh or Muskeg
Mines
Traverse Monument

DISPOSITION OF CROWN LANDS

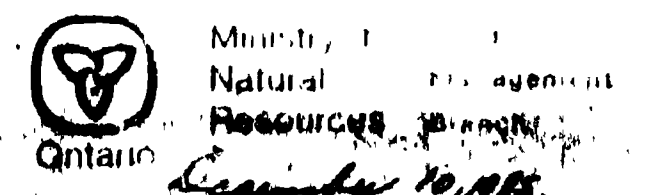
Table with columns: TYPE OF DOCUMENT, SYMBOL. Includes entries for PATENT SURFACE & MINING RIGHTS, LEASE SURFACE & MINING RIGHTS, LICENSE OF OCCUPATION, ORDER IN COUNCIL RESERVATION, CANCELLED, SAND & GRAVEL, LAND USE PERMITS FOR COMMERCIAL TOURISM/OUTPOST CAMPS.

SCALE 1 INCH = 40 CHAINS



TOWNSHIP PRISKE

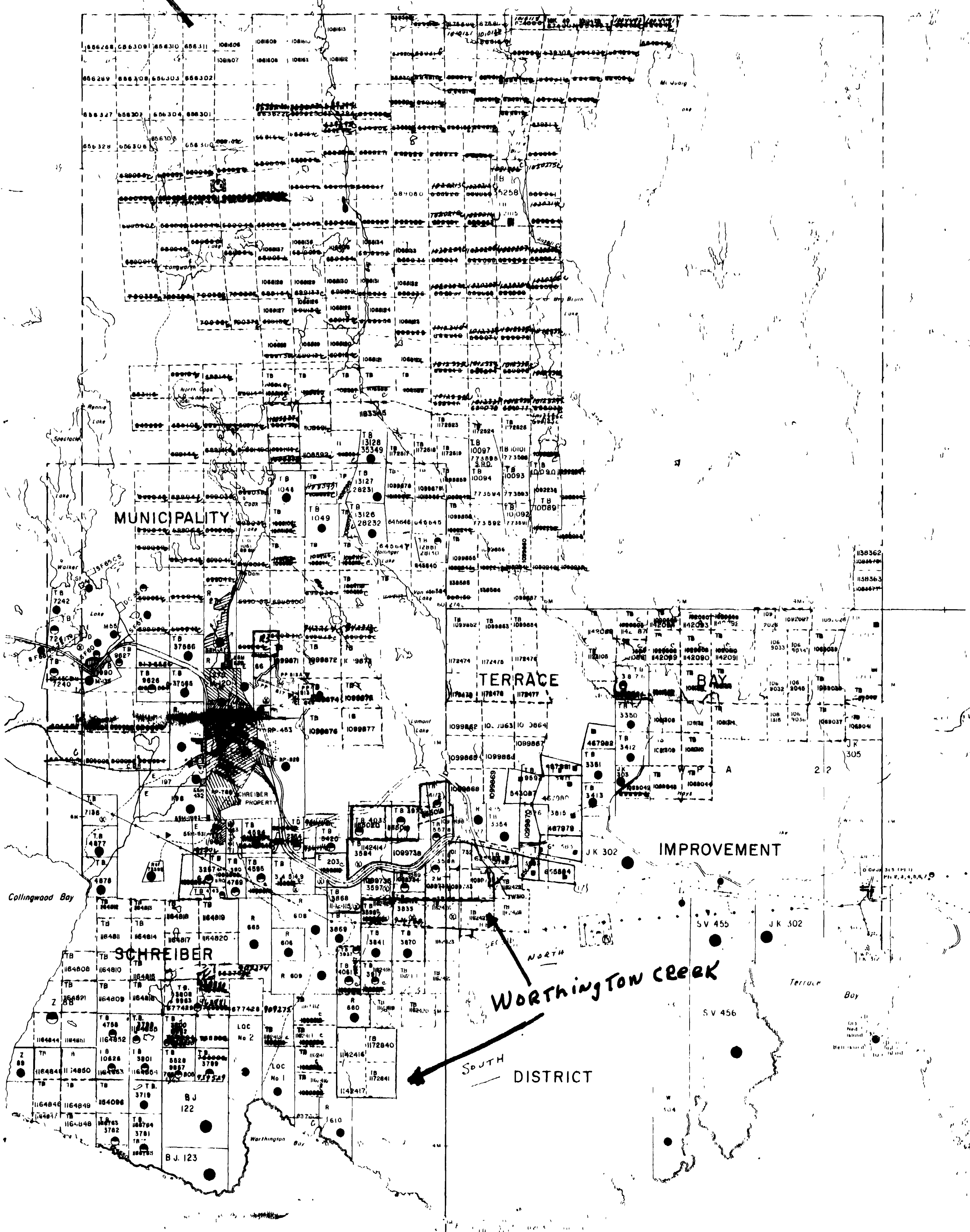
M.N.R. ADMINISTRATIVE UNIT TERRACE BAY MINING DIVISION THUNDER BAY LAND TITLES / REGISTRY THUNDER BAY



RECEIVED TERRACE BAY MARCH 13 1982 G-631

COPPER ISLAND G-588

STREY TWP. G-633



Lake Superior

Lake Superior



REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

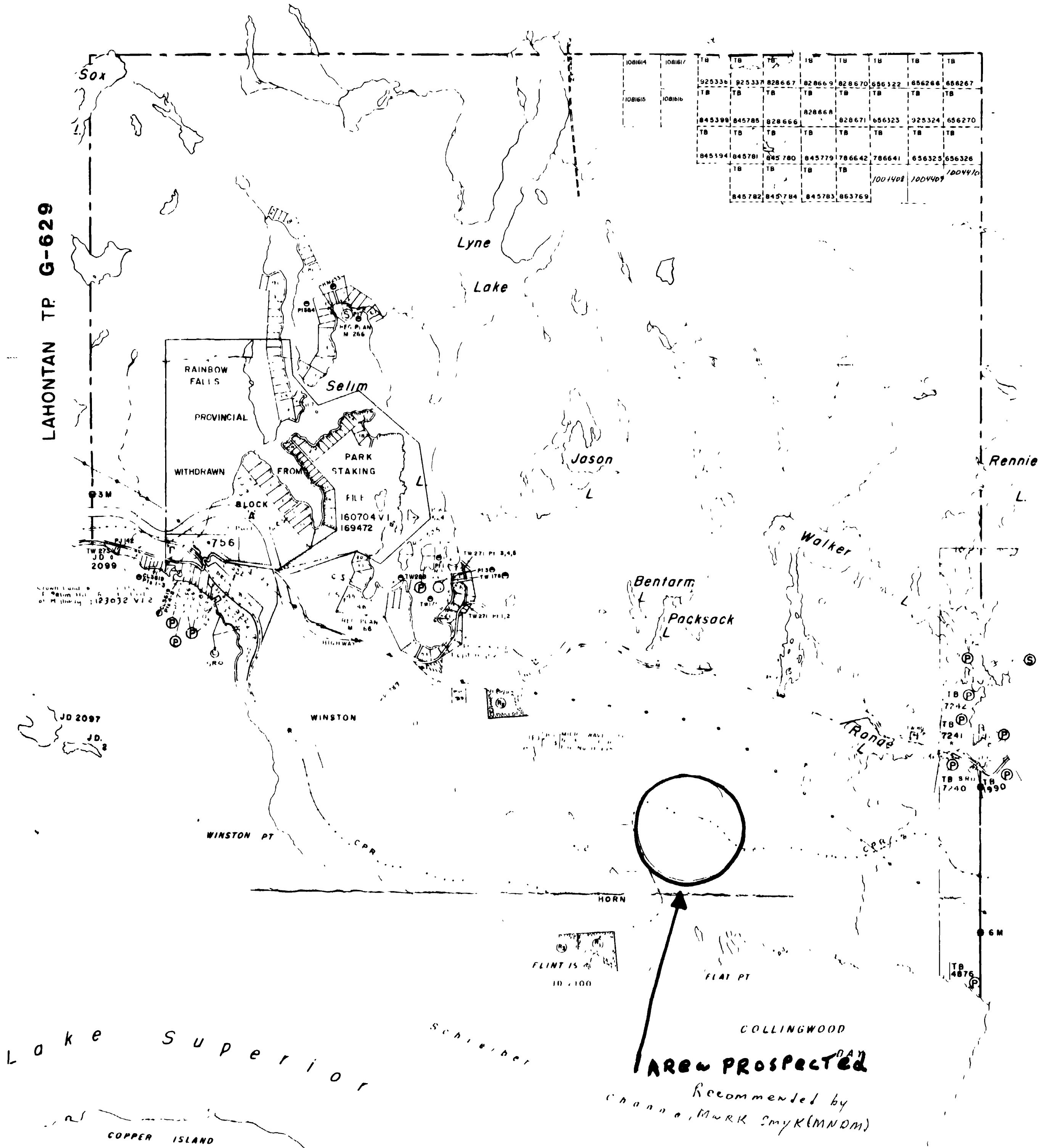
- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.+S. - MINING AND SURFACE RIGHTS

Description	Order No	Date	Disposition	File
Sec 43 of Mining Act (R.S.O. 1970)	W13/75	3/3/75	M.+S.	160704 v.6
Sec 36/80	W25/83	3/10/83	S.R.O.	188541
Sec 36/80	W1/84	10/2/84	M.+S.	160704

Schreiber Municipality shown thus

Land under Lake Superior withdrawn from staking by Order in Council dated April 30, 1912

Islands and Lands abutting in Selim Lake (White Sand Lake) withdrawn from staking under Sec 39, Sub (c) of Mining Act



LEGEND
MINING DIVISION

RECEIVED
OCT 30 1987

- HIGHWAY AND ROADS
- 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 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1

SCALE: 1 INCH = 40 CHAINS

FEET: 0 1000 2000 4000 6000 8000

METRES: 0 200 1000 2000 (1 KM) (2 KM)

MAP # 6

TOWNSHIP
KILLRAINE

M.N.R. ADMINISTRATIVE DISTRICT
TERRACE BAY
MINING DIVISION
THUNDER BAY
LAND TITLES / REGISTRY DIVISION
THUNDER BAY

Ministry of Natural Resources
Surveys and Mapping Branch

Ontario
FEBRUARY 27, 1987

Date: _____ Plan No: **G-625**

National Topographic Series

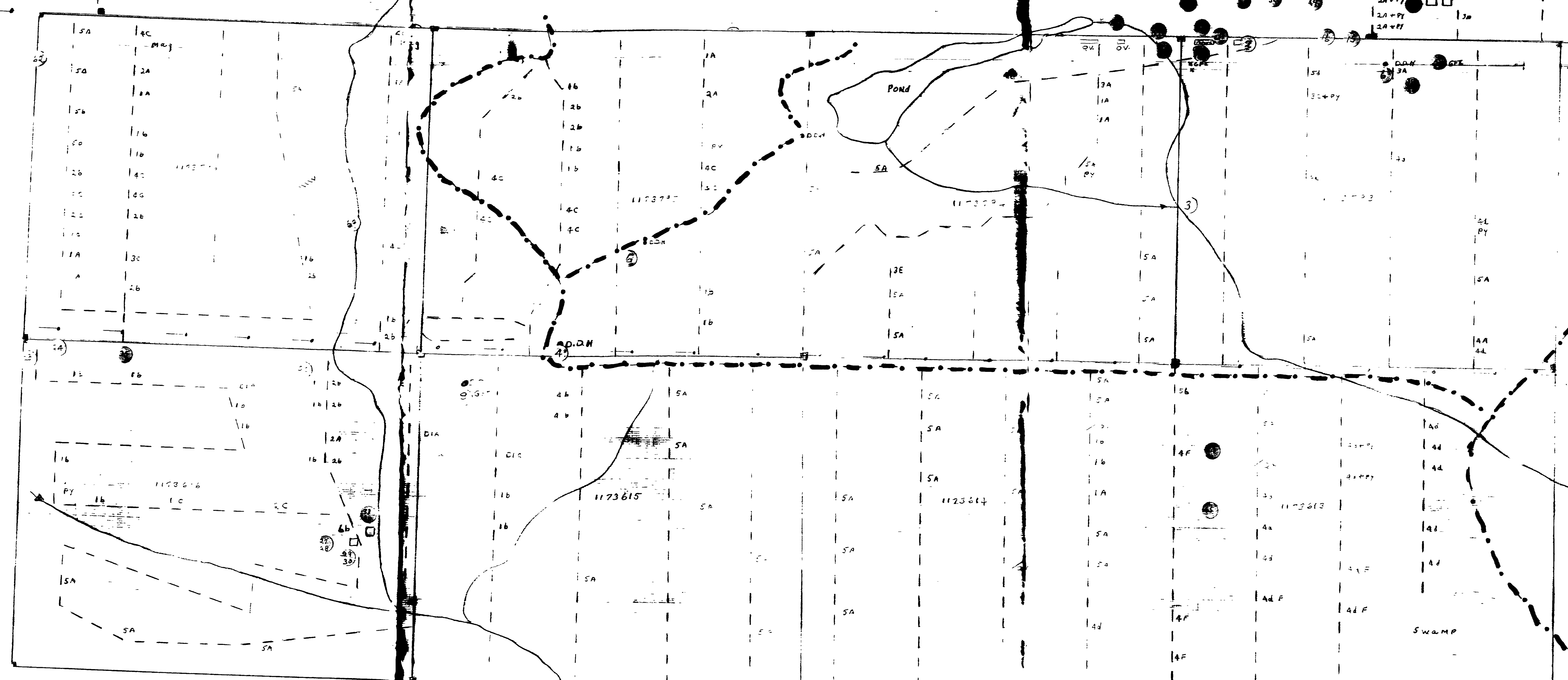
AREAS PROSPECTED
Recommended by
CHANDRA, MARK SMYK (MNRDM)

MAP # 6

1183299 - 1600M X 800M
 Sta Red Aug. 28-91

1183298 - 800M X 400M
 Sta Red Aug. 29/91

HYDRO LINES



LEGEND

- 1. METAVOLCANIC
 - 1A MASSIVE METAVOLCANIC MASSIVE FINE GRAIN
 - 2A MASSIVE FINE GRAIN
 - 2B PILLOWED
 - 2C AMPHIBOLITIC
- 2. METAVOLCANIC
 - 3A MASSIVE FINE GRAIN
 - 3B TUFF
 - 3C LUPULU TUFF
- 3. METAVOLCANIC
 - 4A CARBONATE SCALD
 - 4B SILTSTONE
 - 4C Gypsiferous
- 4. METAVOLCANIC
 - 5. SAGGERS
- 6. FILLIT
- 7. TRENCH
- 8. Sample
- 9. Old Road

AU oz/ton	AS oz/ton	CU	AU oz/ton	AS oz/ton	CU	AU oz/ton	AS oz/ton	CU	AU oz/ton	AS oz/ton	CU
1)											
2)											
3)											
4)											
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100)											

TURITOWNSHIP
 S. 33 S
 The Lands - 1991
 M. 10/10

MAP # 10

TO HIGHWAY

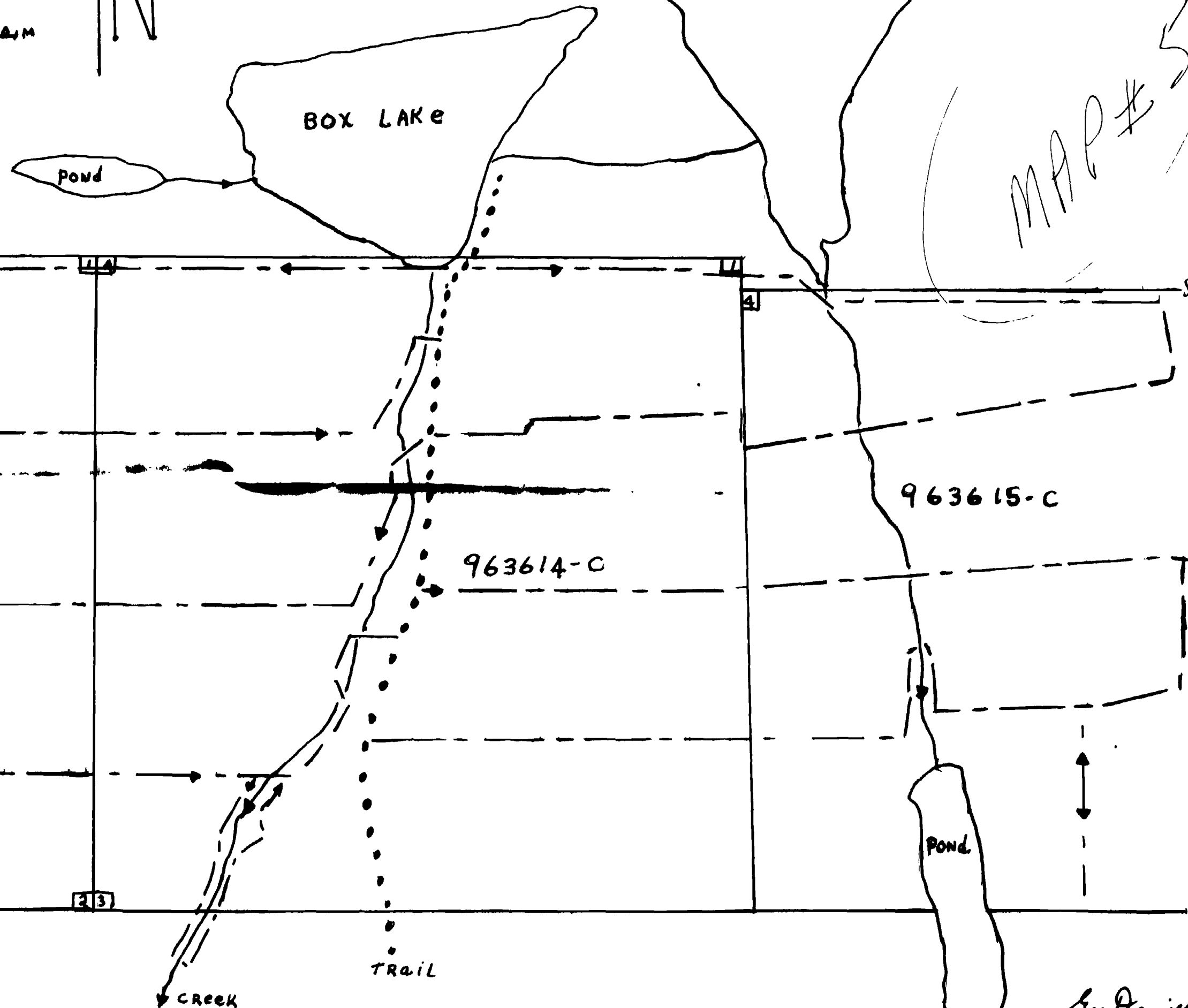
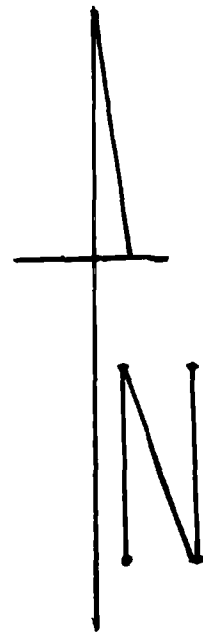
TOWNSHIP SYDNEY G 634

----- TRAVERSED & PROSPECTED

CLAIM POSTS SHOWN WERE LOCATED

Traverse lines are NOT precise
& indicate general direction
travelled.

25 50 75 100 M



MAP #



340

adn

□ trench, pit



diabase

7 Mogotherium

8 Elgin Silver Mine

San Daniels