

42H08NE0007 2.12602 BLAKELOCK

010

GEOLOGICAL SURVEY
OF
CHEVRON CANADA EXPLORATION
TWEED PROJECT
GRIDS 1, 4, 6, 7

RECEIVED
JUL - 7 1989
MINING LANDS SECTION

June 30, 1989.

By E. van Hees, M.Sc.

*Qual
2.5018*



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I INTRODUCTION

E. H. van Hees Geological Services was commissioned by Mr. Peter Cashin of Chevron Canada Exploration in Toronto, Ontario to conduct a geological survey of the company's Tweed Project located south of Detour Lake, Ontario. More specifically, the areas to be surveyed were those parts of the property covered by cut grids 1, 4, 6, and 7.

Previous experience by this author with the Tweed project supervising diamond drilling in the later part of 1988, had indicated that metavolcanic, metasedimentary and granitic rocks were present in the general area. Experience with the diamond drilling program had also indicated that the area was covered by a thick varved clays or esker material. Outcrop exposure was not encountered during the spotting of the various drill holes on the Tweed Property.

II PROPERTY

1. Location & Local Services

Location of the Chevron Canada Exploration property is shown in Figure 1 and 2.

The Tweed property is located in Tweed and Blakelock Township. The property itself, in part, staddles the all weather Detour Lake Mine road (Hwy. 652) and is located some 75 kilometres southwest of the mine and some 90 kilometres northeast of the town of Cochrane.

Grids 1, 4, 7 are located in Tweed Township and grid 6 is in Blakelock Township.

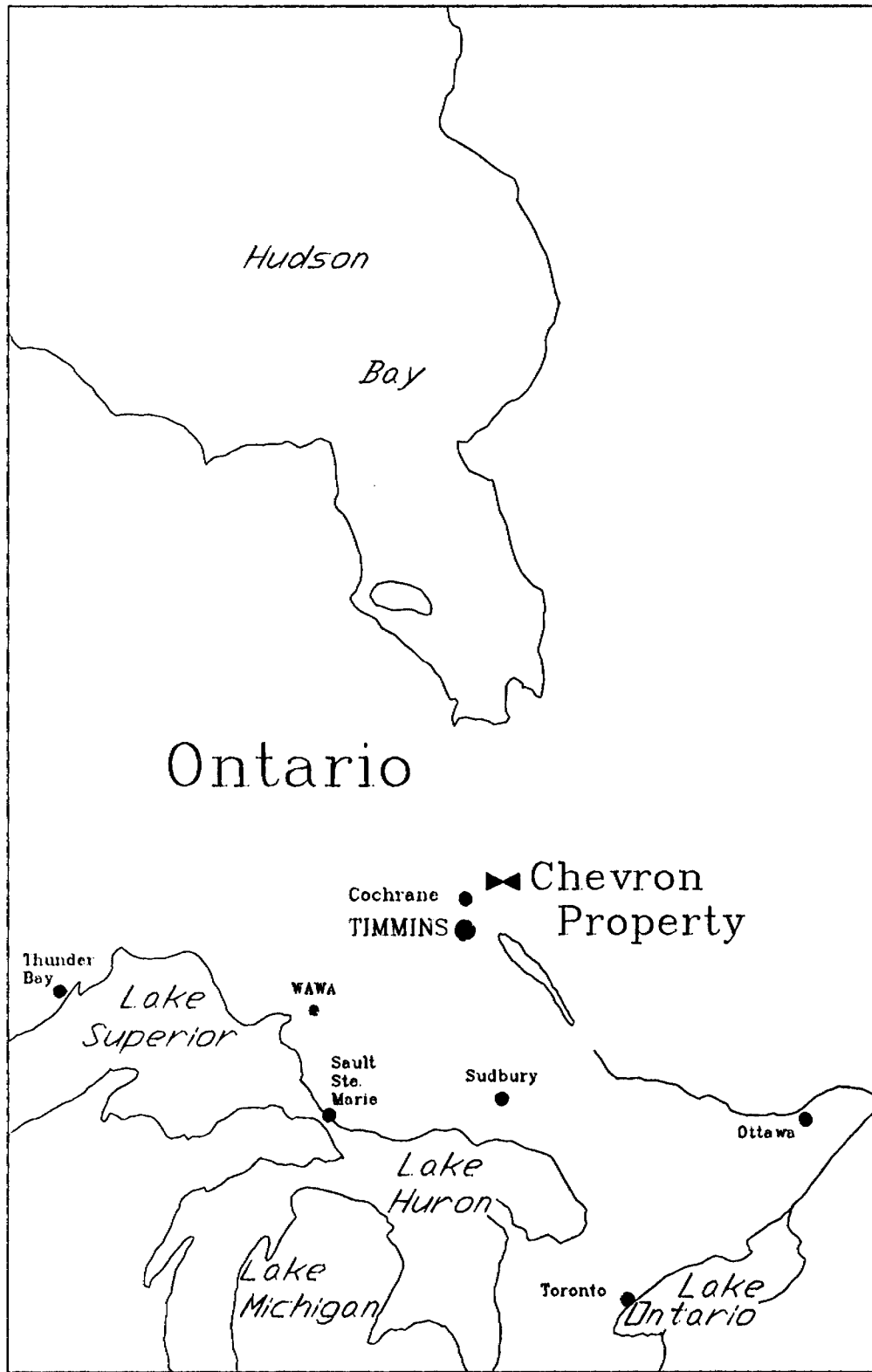
Labour and housing may be available in the town of Cochrane or the City of Timmins, a major mining center in northeast Ontario.

2. Topography

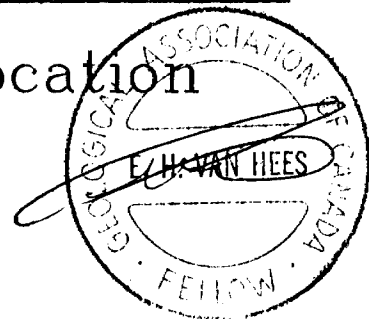
Topography of the property is moderate with a maximum variation in elevation of 30 metres at most. The bulk of the property is flat with elevation variations occurring near eskers, found throughout the area, as well as near the various large streams and rivers.

Rock Exposures are non-existent on the property due to the deep cover of glacial lake clays or esker deposits. Diamond drilling on the property, filed with the resident geologist, indicates that overburden depth range up to 70 metres.

A small portion of the terrain appears to be well drained near the eskers and major streams and rivers that traverse the property. The balance of the property is covered by muskeg swamp.



Regional Property Location



3. Status

The Chevron Canada Exploration property consists of 298 and 87 contiguous claims in Tweed and Blakelock Townships respectively as shown on Figure 2. They are located in the Larder Lake Mining Division, in the District of Cochrane. The claims occur in unsurveyed townships and there are therefore no lot, concession or township boundary lines.

The status of the individual claims has not been checked at the mining recorders office. The fact that these claims are Chevron claims is based solely on the word of Mr. Peter Cashin, the Chevron project geologist in charge of the Tweed project. The due date for the various claims has likewise not been checked.

III HISTORY OF EXPLORATION

Exploration of the Tweed and Blakelock claim blocks was first undertaken in 1967 by Texas Gulf Sulphur Company. The work filed for assesment indicates that 5 diamond drill holes were drilled by Texas Gulf. Three of these were in the area of claims L 860983 and 860984 and one on L 861017. These encountered disseminated chalcopryite in various locations throughout the core.

Exploration work by Movado Mines followed in 1968. Movado completed magnetic and VLF surveys and followed up by drilling 2 - 500 foot holes. These encountered some low copper and zinc values on the claims located south of the area where the Floodwood River narrows.

Hudson Bay Exploration and Development Company Ltd. carried out work on the same area in Tweed as previously explored by Movado. An airborne survey was completed and followed up on with an EM17 survey. This delineated two conductors on the southern edge of their property.

Noranda Exploration Co. Ltd. commenced working in the area in 1975 on two small claim blocks located south of the area worked by Movado. Magnetic and VLF-EM surveys were run. These were interpreted as indicating the presence of numerous graphite and Banded Iron Formations. The maps filed for assesment do not appear to substantiate this conclusion.

Further work was filed by Hudson Bay in 1977 on ground in both Blakelock and Tweed Townships. EM-17 and Maxmin surveys were run on the claim blocks resulting in the location of one weak EM anomaly.

Utah Mines Ltd. began working a significant portion of the southeast corner of Tweed township in 1982. Magnetic, VLF and Maxmin surveys were run over much of the area. Anomalies that were encountered were attributed to diabase dikes or Banded Iron Formations.

Glen Auden Resources Ltd. were the next explorers in the area in 1986. They flew an airborne Geophysical survey, over the properties currently held by Chevron Canada Exploration, which included magnetic, VLF and resistivity surveys. The report filed described the results but did not discuss the cause of the anomalies.

Chevron Canada Exploration were the most recent group to explore in the area. A diamond drill program was completed on their properties located in the southeast corner of Tweed and Blakelock Township in late 1988. Metavolcanic and Metasedimentary rocks were encountered along with granitic intrusions.

IV GEOLOGY

1. Regional Geology

The Tweed property is located in the north central part of the archaean aged Abitibi Greenstone belt. This belt of rocks is part of the Superior Province of the Canadian Shield. Rocks consist primarily of metavolcanic and metasedimentary units which have in places been intruded by mafic, intermediate and /or felsic bodies. Greenschist facies metamorphism has affected most of the area with minor amphibolitic zones being present as contact aureoles around some intrusions.

Volcanic rocks vary from mafic to intermediate in composition and generally occur as massive or pillowed flows, or as pyroclastic breccias. Lesser amounts of intermediate to felsic metavolcanics are present and have generally been deposited as tuffs or breccias.

The metasedimentary rocks occur as interbedded greywacke, tuff, siltstone, argillite and conglomerate. Banded Iron Formations of sulphide or oxide facies occur as interbedded exhalative units between volcanic flows.

Intrusions of granitic, gabbroic, and dioritic dikes, stocks, and batholiths are common in the volcanic and sedimentary rocks of the region. All these rocks have been cut by later Precambrian diabase dikes.

Structurally, the area has been folded by at least two periods of deformation, resulting in steeply dipping east trending rocks units. Faulting by major northwesterly trending faults is found throughout the area.

The area is generally of low relief with sparse outcrops. Pleistocene activity has formed a number of features. Most noticeable is the presence of numerous and often large esker deposits that trend north-south throughout the area. They are commonly used to construct roads into an area that once was part of pleistocene lake Barlow-Ojibway. This lake deposited deep and extensive deposits of varved clays which are presently covered to a large degree by muskeg swamps.

Economically significant discoveries of gold have been made in the area by Newmont, Placer Dome and Inco. These discoveries occur in several rock types including iron formation, metavolcanic and metasedimentary units. Strong carbonate, sulphide and silica alteration of these rock types is associated with the introduction of gold.

2. Local Geology

Geology of the area immediately around the property has been described by B.C. Wilson in Open File Report 5231, titled "Geology of the Two Peak Lake Area, Cochrane District, Ontario". This 1977 report was followed closely by a published O.G.S. report with the same title. These reports indicated that the outcrop exposure in the area was minimal. Outcrops found were generally in river and stream beds and occurred infrequently. A notable exception was the area immediately around the two peaks "mountain" area where a substantial amount of outcrop is present. This particular area is located several kilometers southeast of the Chevron property.

The published geological map for Tweed and Blakelock Township indicates that the area is underlain by a combination of east trending mafic metavolcanic and metasedimentary rocks. Their presence appears to have been interpreted from airborne geophysical surveys as there is no detail to the geological map and no outcrops indicated on the map.

V RECENT WORK

The program completed in this study consisted of some 125 kilometres of geological mapping on four separate parts of the Chevron property. Areas mapped included grids 1, 4, 6, and 7. The claims mapped are indicated on both the location and geological maps. Mapping was completed by Ken Stewart of Espanola and Johanne Gravel of Montreal under the supervision of Ed van Hees. All lines on the accompanying maps were walked and the vegetation type, soil type, size of trees, topography, bearing of the lines and claim line and post locations recorded. Soil and tree types were recorded every 25 metres, bearing of the lines every 300 metres, and claim lines and posts as they were found.

VI RESULTS

The geological survey of the property did not uncover any outcrops on the four grids surveyed even though careful examination was made of all stream banks and bottoms. The survey did indicate that the area is largely covered by muskeg swamp or eskers. Deep overburden associated with the latter is the probably cause of no outcrop being found.

VII CONCLUSIONS AND RECOMMENDATIONS

Geological mapping of Grids 1, 4, 6, and 7 did not uncover any

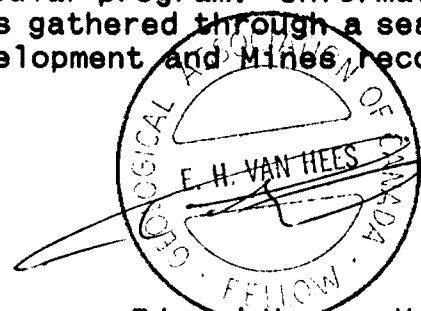
outcrops due to the deep overburden deposit by pleistocene rivers and lakes. It is recommended that alternative exploration methods be considered for exploration of the balance of the property as geological mapping may not uncover any significant amount of outcrop.

CERTIFICATE

I, Edmond H. van Hees, do hereby certify:

- 1) that I am a consulting geologist and reside at 165 Tamarack Street, Timmins, Ontario.
- 2) that I am a graduate of the University of Waterloo, 1975, with the degree Honours Bachelor of Science (Earth Science)
- 3) that I am a graduate from the University of Western Ontario, 1979, with the degree of Master of Science (Geology).
- 4) that I have practiced my profession full time since 1977 and part time since 1972.
- 5) that I am a fellow of the Geological Association of Canada.
- 6) that this report is based on personal knowledge gained through on site involvement in various stages of the exploration of the property over the past 8 months as well as the supervision of this particular program. Information about the exploration history was gathered through a search of the ministry of Northern Development and Mines records in Kirkland Lake, Ontario.

Timmins, Ontario
June 30, 1989



Edmond H. van Hees,
M. Sc., F.G.A.C.



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900

Ministry of
Northern Development
and Mines

Mining Lands Section
880 Bay Street, 3rd Floor
Toronto, Ontario
M5S 1Z8

Ministère du
Développement du Nord
et des Mines

Telephone: (416) 965-4888

August 28, 1989

Your File: W8908-217
Our File: 2.12602

Mining Recorder
Ministry of Northern Development and Mines
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

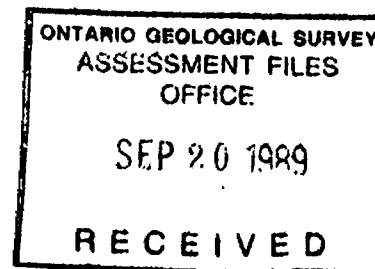
Re: Notice of Intent dated July 24, 1989 Geological Survey submitted
on Mining Claims L 780704 et al in Tweed and Blakelock Townships.

The assessment work credits, as listed with the above-mentioned Notice of Intent,
have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your
records.

Yours sincerely,

W.R. Cowan
Provincial Manager, Mining Lands
Mines & Minerals Division



h/s
LS:eb
Enclosure

cc: Mr. G.H. Ferguson
Mining and Lands Commissioner
Toronto, Ontario

Resident Geologist
Kirkland Lake, Ontario

Chevron Minerals Ltd.
1714-390 Bay Street
Toronto, Ontario
M5H 2Y2



File
2,12602

Date
July 24, 1989

Mining Recorder's Report of
Work No. 18908-217

Recorded Holder
CHEVRON MINERALS LTD.

Township or Area
TWEED AND BLAKELOCK TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	L 780704,780706 783054
Magnetometer _____ days	790352,790357,790359
Radiometric _____ days	796405,796406,796415
Induced polarization _____ days	797289,797297
Other _____ days	798629,798631
Section 77 (19) See "Mining Claims Assessed" column	859835,859841 to 845 incl.
Geological _____ 40 _____ days	859847 to 850 incl.
Geochemical _____ days	859852 to 854 incl., 856
	860335,860342
	860978 to 989 incl.
	860992 to 995 incl.
<input type="checkbox"/> Man days <input type="checkbox"/> Airborne <input type="checkbox"/> <input type="checkbox"/> Special provision <input type="checkbox"/> Ground <input type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

30 days L 780705,798641

20 days L 790358,797286, 835830, 835839, 860334, 860336, 860996 to 999 incl.

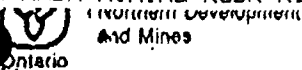
10 days L 797285, 797288, 835840, 859851, 859855, 859857, 860341, 860343

No credits have been allowed for the following mining claims

not sufficiently covered by the survey Insufficient technical data filed

L 797281-282
835774
859861 to 863 incl.;860333
860337,338,340,344,350

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



(Geophysical, Geological, Geochemical and Expenditures)

W8908-217

Note: - exceeds space on this form, attach a list. Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns. Do not use shaded areas below.

Mining Act

M.L.

Type of Survey(s) **GEOLOGICAL** Claim Holder(s) **2.12602** Township or Area **TWBD & BLAKELOCK TWP**

Address **CHEVRON MINERALS LTD** Prospector's Licence No. **T-1690**

Address **#1714-390 BAY STREET, TORONTO, ONTARIO M5H 2Y2**

Survey Company **E.H. VAN HEES** Date of Survey (from & to) **01 06 89** Total Miles of line Cut **135 km.**

Name and Address of Author (of Geo-Technical report) **E.H. VAN HEES, HOLLINGER BUILDING, ROOM 12, TIMMINS, ONTARIO**

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	40
For each additional survey: using the same grid: Enter 20 days (for each)	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Man Days	Geophysical	Days per Claim
Complete reverse side and enter total on reverse	- Electromagnetic	
RECEIVED JUN 28 1989 10 32 am	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	- Electromagnetic	
	- Magnetometer	
	- Radiometric	

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
L	780705		L	835840	
	780706			859835	
	783054			859841	
	790352			859842	
	790357			859843	
	790358			859844	
	790359			859845	
	796405			859847	
	796406			859848	
	796415			859849	
	797281			859850	
	797282			859851	
	797285			859852	
	797286			859853	
	797288			859854	
	797289			859855	
	797297			859856	
	798629			859857	
	798631			859861	
	798641			859862	
	835774			859863	
	835830			860333	
	835839			860334	

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures **\$** + **15** = **Total Days Credits**

Instruct one: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work. **77**

For Office Use Only

Total Days Credits Recorded **3090** Date Recorded **June 28/89** Mining Recorder **M. G. Weyman**

Date Approved as Recorded **June 27/89** Branch Director **See survey statement**

Date **June 27/89** Recorder **[Signature]** Signature:

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying **W.E. GLENN, #1714-390 BAY STREET, TORONTO, ONTARIO M5H 2Y2**

Date Certified **June 27/89** Certified by (Signature) **W.E. Glenn**

LEGEND

HIGHWAY AND ROUTE NO.
 TRAILS
 SURVEYED LINES
 UNDEVELOPED LOTS
 UNDEVELOPED PARCELS ETC.
 UNDEVELOPED LOTS
 UNDEVELOPED PARCELS ETC.
 LOT LINES
 RAILWAY AND RIGHT OF WAY
 UTILITY LINES
 NON-PERMANENT STREAM
 FLOODING OR FLOODING RIGHTS
 RESERVATIONS
 ORIGINAL SHORELINE
 MARSH OR MUSKEG
 MINES
 TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT SYMBOL
 PATENT SURFACE & MINING RIGHTS
 SURFACE RIGHTS ONLY
 LEASE SURFACE & MINING RIGHTS
 SURFACE RIGHTS ONLY
 LICENSE OF OCCUPATION
 ORDER-IN-COUNCIL
 RESERVATION
 CANCELLED
 SAND & GRAVEL
 NOTE: MIN. RIGHTS IN PARCELS PAID FOR BY U.S. ACT. R.O. 1930 CAMP 300

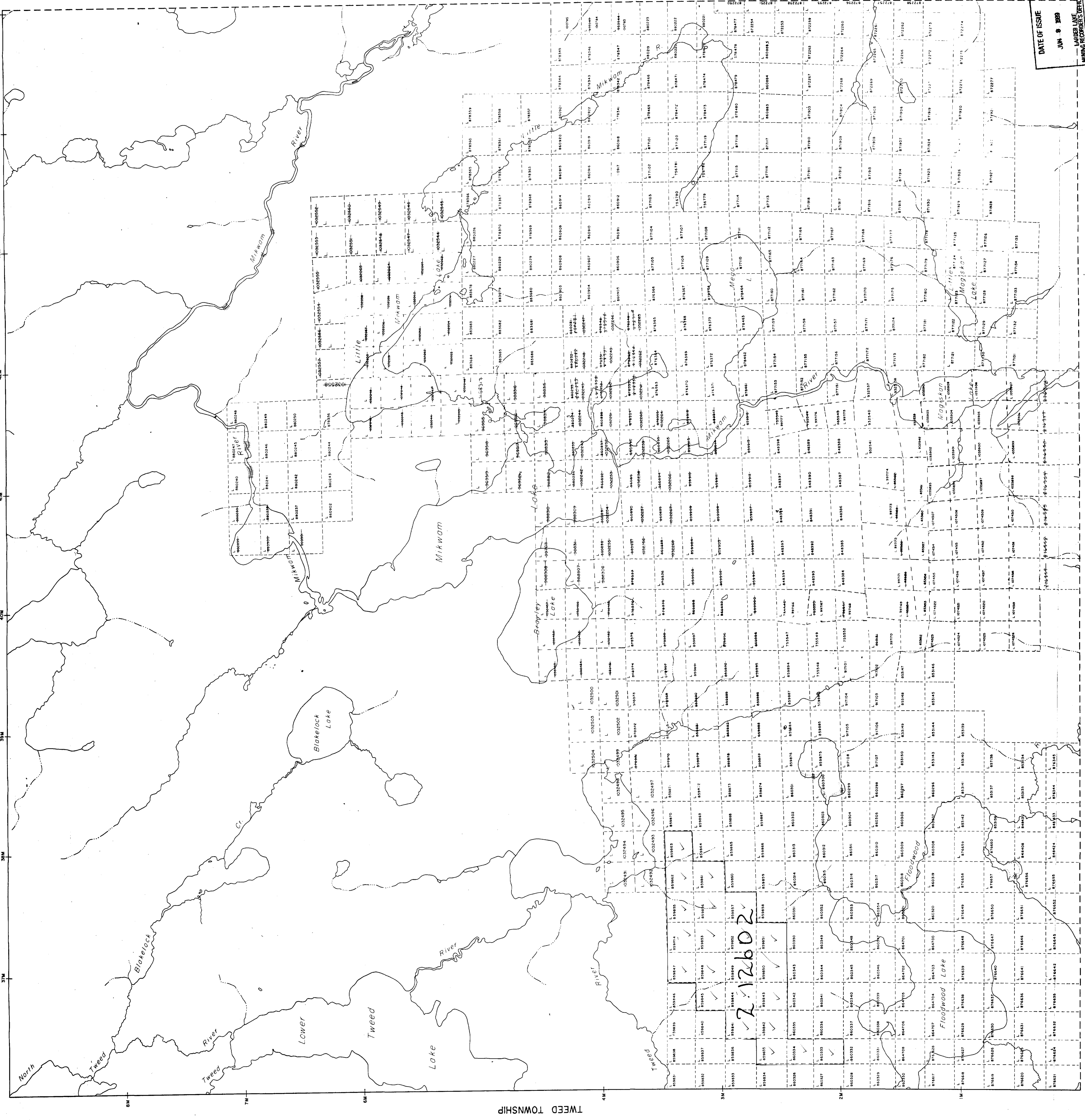
SCALE 1:20 000

NOTICE OF FORESTRY ACT
 THIS TOWNSHIP AREA FALLS WITHIN THE FORESTRY ACT AND MAY BE SUBJECT TO FORESTRY OPERATIONS. FOR MORE INFORMATION CONTACT THE FORESTRY DIVISION AT 2-3RD AVE. S. TORONTO, ONT. M5T 1C6, CAN. 905-272-4355

TOWNSHIP SUBJECT TO FORESTRY OPERATIONS

BLAKELOCK
 M.N.R. ADMINISTRATIVE DISTRICT
COCHRANE
 MINING DIVISION
LARDER LAKE
 LAND TITLES / REGISTRY DIVISION
COCHRANE
 Ministry of Natural Resources and Mines
 Ontario
 DATE: OCTOBER/1986

HOBLOITZELL TOWNSHIP



DATE OF ISSUE
 JUN 9 1986
 LARDER LAKE
 MINING RECORDS OFFICE

AREAS WITHDRAWN FROM DISPOSITION

M.N.R. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M.C.E. - MINING AND SURFACE RIGHTS
 Description Order No. Date Disposition File

331410

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT

PATENT

LEASE

RESERVATION

TRAVEL MONUMENT

TYPE OF RIGHT

SURFACE & MINING RIGHTS

MINING RIGHTS ONLY

SURFACE RIGHTS ONLY

MINING RIGHTS ONLY

RESERVATION

CANCELLED

SAND & GRAVEL

NOTE: MINING RIGHTS IN PARCELS "A" "B" "C" "D" "E" "F" "G" "H" "I" "J" "K" "L" "M" "N" "O" "P" "Q" "R" "S" "T" "U" "V" "W" "X" "Y" "Z" "AA" "AB" "AC" "AD" "AE" "AF" "AG" "AH" "AI" "AJ" "AK" "AL" "AM" "AN" "AO" "AP" "AQ" "AR" "AS" "AT" "AU" "AV" "AW" "AX" "AY" "AZ" "BA" "BB" "BC" "BD" "BE" "BF" "BG" "BH" "BI" "BJ" "BK" "BL" "BM" "BN" "BO" "BP" "BQ" "BR" "BS" "BT" "BU" "BV" "BW" "BX" "BY" "BZ" "CA" "CB" "CC" "CD" "CE" "CF" "CG" "CH" "CI" "CJ" "CK" "CL" "CM" "CN" "CO" "CP" "CQ" "CR" "CS" "CT" "CU" "CV" "CW" "CX" "CY" "CZ" "DA" "DB" "DC" "DD" "DE" "DF" "DG" "DH" "DI" "DJ" "DK" "DL" "DM" "DN" "DO" "DP" "DQ" "DR" "DS" "DT" "DU" "DV" "DW" "DX" "DY" "DZ" "EA" "EB" "EC" "ED" "EE" "EF" "EG" "EH" "EI" "EJ" "EK" "EL" "EM" "EN" "EO" "EP" "EQ" "ER" "ES" "ET" "EU" "EV" "EW" "EX" "EY" "EZ" "FA" "FB" "FC" "FD" "FE" "FF" "FG" "FH" "FI" "FJ" "FK" "FL" "FM" "FN" "FO" "FP" "FQ" "FR" "FS" "FT" "FU" "FV" "FW" "FX" "FY" "FZ" "GA" "GB" "GC" "GD" "GE" "GF" "GG" "GH" "GI" "GJ" "GK" "GL" "GM" "GN" "GO" "GP" "GQ" "GR" "GS" "GT" "GU" "GV" "GW" "GX" "GY" "GZ" "HA" "HB" "HC" "HD" "HE" "HF" "HG" "HH" "HI" "HJ" "HK" "HL" "HM" "HN" "HO" "HP" "HQ" "HR" "HS" "HT" "HU" "HV" "HW" "HX" "HY" "HZ" "IA" "IB" "IC" "ID" "IE" "IF" "IG" "IH" "IJ" "IK" "IL" "IM" "IN" "IO" "IP" "IQ" "IR" "IS" "IT" "IU" "IV" "IW" "IX" "IY" "IZ" "JA" "JB" "JC" "JD" "JE" "JF" "JG" "JH" "JI" "JJ" "JK" "JL" "JM" "JN" "JO" "JP" "JQ" "JR" "JS" "JT" "JU" "JV" "JW" "JX" "JY" "JZ" "KA" "KB" "KC" "KD" "KE" "KF" "KG" "KH" "KI" "KJ" "KL" "KM" "KN" "KO" "KP" "KQ" "KR" "KS" "KT" "KU" "KV" "KW" "KX" "KY" "KZ" "LA" "LB" "LC" "LD" "LE" "LF" "LG" "LH" "LI" "LJ" "LK" "LL" "LM" "LN" "LO" "LP" "LQ" "LR" "LS" "LT" "LU" "LV" "LW" "LX" "LY" "LZ" "MA" "MB" "MC" "MD" "ME" "MF" "MG" "MH" "MI" "MJ" "MK" "ML" "MM" "MN" "MO" "MP" "MQ" "MR" "MS" "MT" "MU" "MV" "MW" "MX" "MY" "MZ" "NA" "NB" "NC" "ND" "NE" "NF" "NG" "NH" "NI" "NJ" "NK" "NL" "NM" "NN" "NO" "NP" "NQ" "NR" "NS" "NT" "NU" "NV" "NW" "NX" "NY" "NZ" "OA" "OB" "OC" "OD" "OE" "OF" "OG" "OH" "OI" "OJ" "OK" "OL" "OM" "ON" "OO" "OP" "OQ" "OR" "OS" "OT" "OU" "OV" "OW" "OX" "OY" "OZ" "PA" "PB" "PC" "PD" "PE" "PF" "PG" "PH" "PI" "PJ" "PK" "PL" "PM" "PN" "PO" "PP" "PQ" "PR" "PS" "PT" "PU" "PV" "PW" "PX" "PY" "PZ" "QA" "QB" "QC" "QD" "QE" "QF" "QG" "QH" "QI" "QJ" "QK" "QL" "QM" "QN" "QO" "QP" "QQ" "QR" "QS" "QT" "QU" "QV" "QW" "QX" "QY" "QZ" "RA" "RB" "RC" "RD" "RE" "RF" "RG" "RH" "RI" "RJ" "RK" "RL" "RM" "RN" "RO" "RP" "RQ" "RR" "RS" "RT" "RU" "RV" "RW" "RX" "RY" "RZ" "SA" "SB" "SC" "SD" "SE" "SF" "SG" "SH" "SI" "SJ" "SK" "SL" "SM" "SN" "SO" "SP" "SQ" "SR" "SS" "ST" "SU" "SV" "SW" "SX" "SY" "SZ" "TA" "TB" "TC" "TD" "TE" "TF" "TG" "TH" "TI" "TJ" "TK" "TL" "TM" "TN" "TO" "TP" "TQ" "TR" "TS" "TT" "TU" "TV" "TW" "TX" "TY" "TZ" "UA" "UB" "UC" "UD" "UE" "UF" "UG" "UH" "UI" "UJ" "UK" "UL" "UM" "UN" "UO" "UP" "UQ" "UR" "US" "UT" "UU" "UV" "UW" "UX" "UY" "UZ" "VA" "VB" "VC" "VD" "VE" "VF" "VG" "VH" "VI" "VJ" "VK" "VL" "VM" "VN" "VO" "VP" "VQ" "VR" "VS" "VT" "VU" "VV" "VW" "VX" "VY" "VZ" "WA" "WB" "WC" "WD" "WE" "WF" "WG" "WH" "WI" "WJ" "WK" "WL" "WM" "WN" "WO" "WP" "WQ" "WR" "WS" "WT" "WU" "WV" "WW" "WX" "WY" "WZ" "XA" "XB" "XC" "XD" "XE" "XF" "XG" "XH" "XI" "XJ" "XK" "XL" "XM" "XN" "XO" "XP" "XQ" "XR" "XS" "XT" "XU" "XV" "XW" "XX" "XY" "XZ" "YA" "YB" "YC" "YD" "YE" "YF" "YG" "YH" "YI" "YJ" "YK" "YL" "YM" "YN" "YO" "YP" "YQ" "YR" "YS" "YT" "YU" "YV" "YW" "YX" "YY" "YZ" "ZA" "ZB" "ZC" "ZD" "ZE" "ZF" "ZG" "ZH" "ZI" "ZJ" "ZK" "ZL" "ZM" "ZN" "ZO" "ZP" "ZQ" "ZR" "ZS" "ZT" "ZU" "ZV" "ZW" "ZX" "ZY" "ZZ"

SCALE 1:2C 000

NOTICE OF FORESTRY ACTIVITY

THIS TOWNSHIP / AREA FALLS WITHIN THE PROVISIONS OF THE FORESTRY ACT AND THE FORESTRY REGULATIONS. THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: P.O. BOX 730 COCHRANE, ONT. L0C 1S0. TEL: 705-272-4365

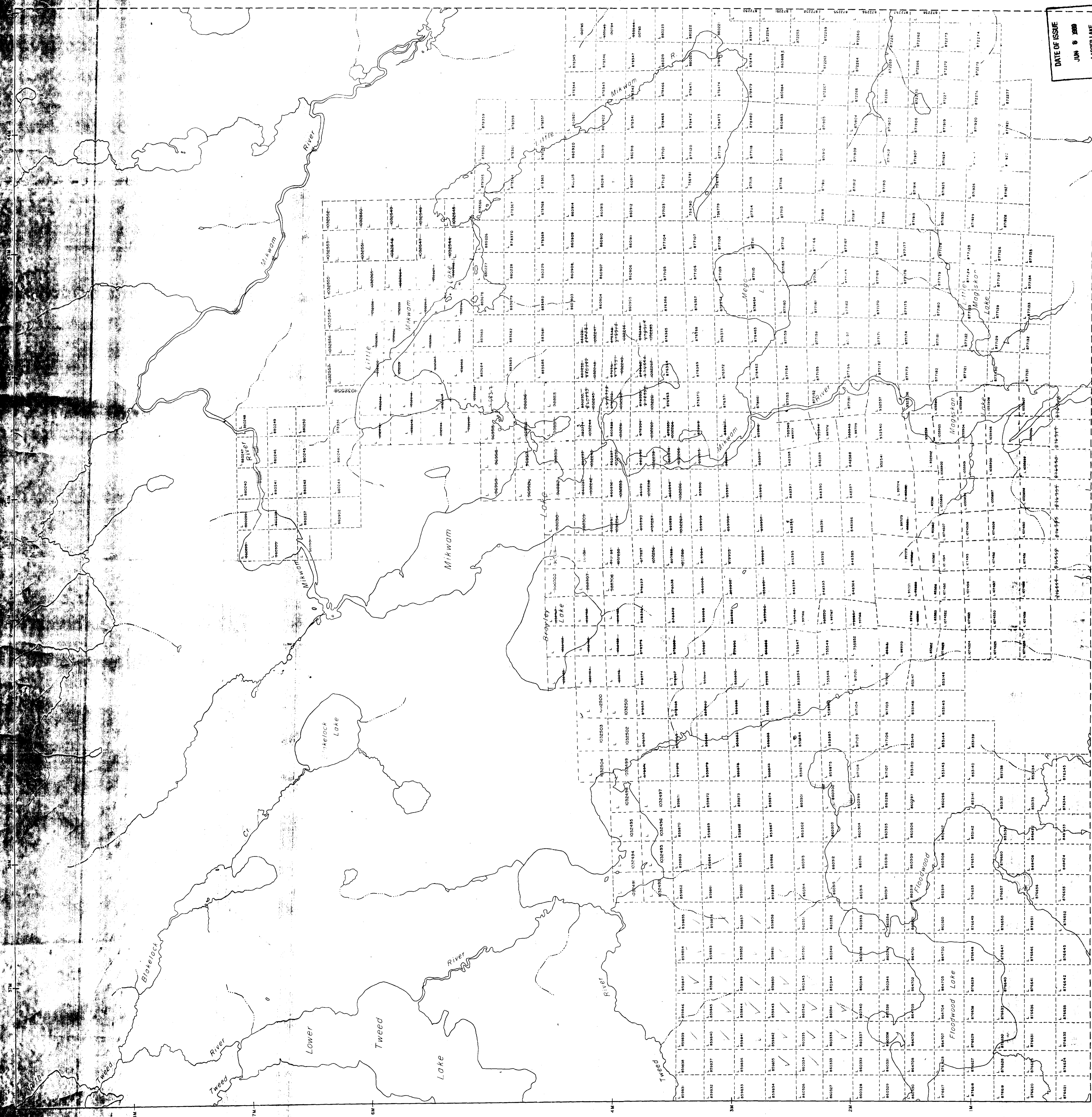
TOWNSHIP SUBJECT TO FORESTRY OPERATIONS

TOWNSHIP
BLAKELOCK
M.H.R. ADMINISTRATIVE DISTRICT
COCHRANE
MINING DIVISION
LARDER LAKE
LAND TITLES / REGISTRY DIVISION
COCHRANE

Ministry of Natural Resources and Mines
Ontario
DATE OF ISSUE
JUN 8 2008
LARDER LAKE
MINING RECORDS OFFICE

G-3474

HOBLOITZELL TOWNSHIP



TWEED TOWNSHIP

NEWMAN TOWNSHIP



REFERENCES

AREAS WITHDRAWN FROM DISPOSITION
M.L.O. - MINING RIGHTS ONLY
S.T.O. - SURFACE RIGHTS ONLY
M.L.S. - MINING AND SURFACE RIGHTS

LEGEND

HIGHWAY AND ROUTE NO.
OTHER ROADS
TRAILS
SURVEYED LINES
UNSURVEYED LINES
LOT LINES
MINING CLAIMS PARCELS E.T.C.
MINING CLAIMS
RAILWAY AND RIGHT OF WAY
UTILITIES LINES
PERMANENT STREAM
SCHEMATIC OF FLOODING RIGHTS
RESERVATIONS IN COMPOSITE PLAN
ORIGINAL SHORELINE
MARSH - DR. MUSKEG
MINES
TRAVE-SE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT SYMBOL
PATENT - SURFACE & MINING RIGHTS
LEASE - SURFACE & MINING RIGHTS
LICENCE OF OCCUPATION
ORDER IN COUNCIL
RESERVE
CANCELLED
SANDS OF LEVEL

NOTE: 1. ALL RIGHTS IN PARCELS PATENTED PRIOR TO 1927 ARE SUBJECT TO THE PROVISIONS OF THE PATENT ACT, R.S.O. 1920, CHAP. 286, SEC. 83, 84, 85.
2. ALL RIGHTS IN PARCELS PATENTED PRIOR TO 1927 ARE SUBJECT TO THE PROVISIONS OF THE PATENT ACT, R.S.O. 1920, CHAP. 286, SEC. 83, 84, 85.

SCALE 1:20 000

NOTICE OF FORESTRY ACTIVITIES
THIS TOWNSHIP AREA FALLS WITHIN THE
TWEED FALLS MANAGEMENT UNIT
AND IS SUBJECT TO FORESTRY OPERATIONS
THE M.P.R. UNIT FORESTER FOR THIS AREA CAN
BE CONTACTED AT:
2 THIRD AVE.
PO BOX 100, ONT.
705-272-4363

TOWNSHIP SUBJECT
TO
FORESTRY OPERATIONS

MAY 29 1988

TOWNSHIP
TWEED
M.M.R. ADMINISTRATIVE DISTRICT
COCHRANE
MINING DIVISION
LARDER LAKE
LAND TITLES / REGISTRY DIVISION
COCHRANE

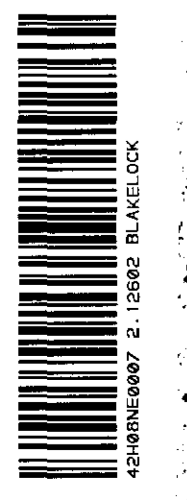
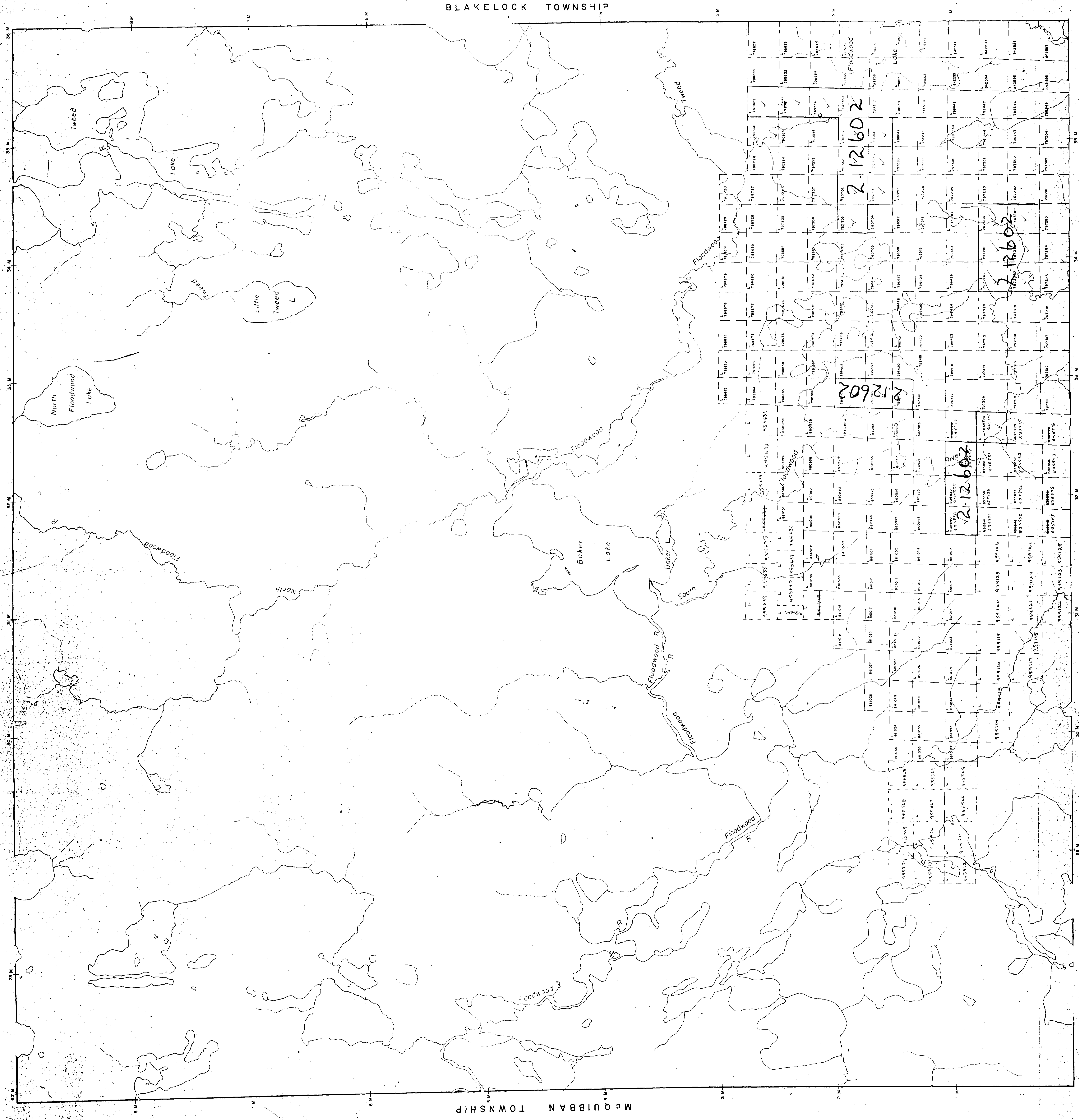
Ministry of
Natural
Resources
and Mines
Ontario

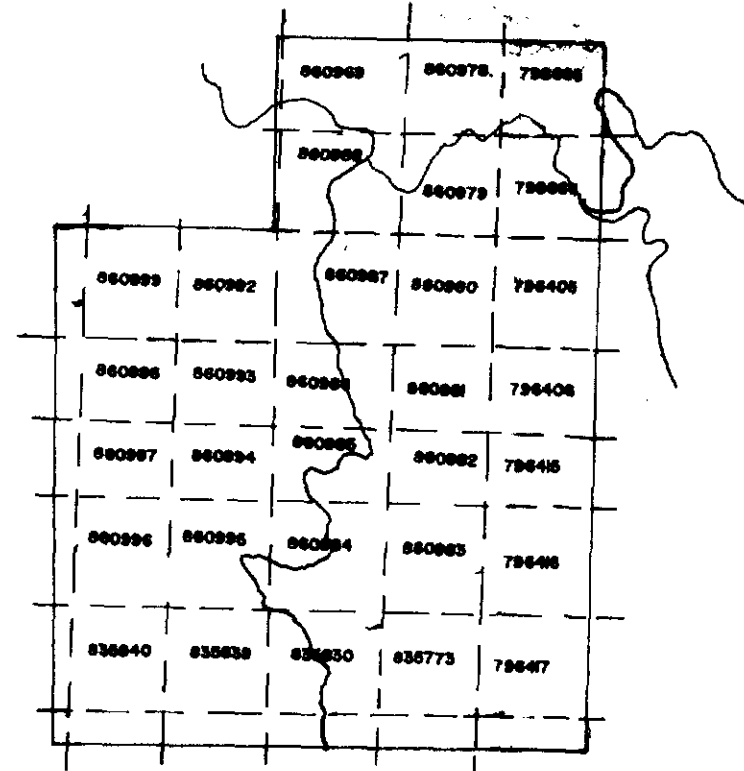
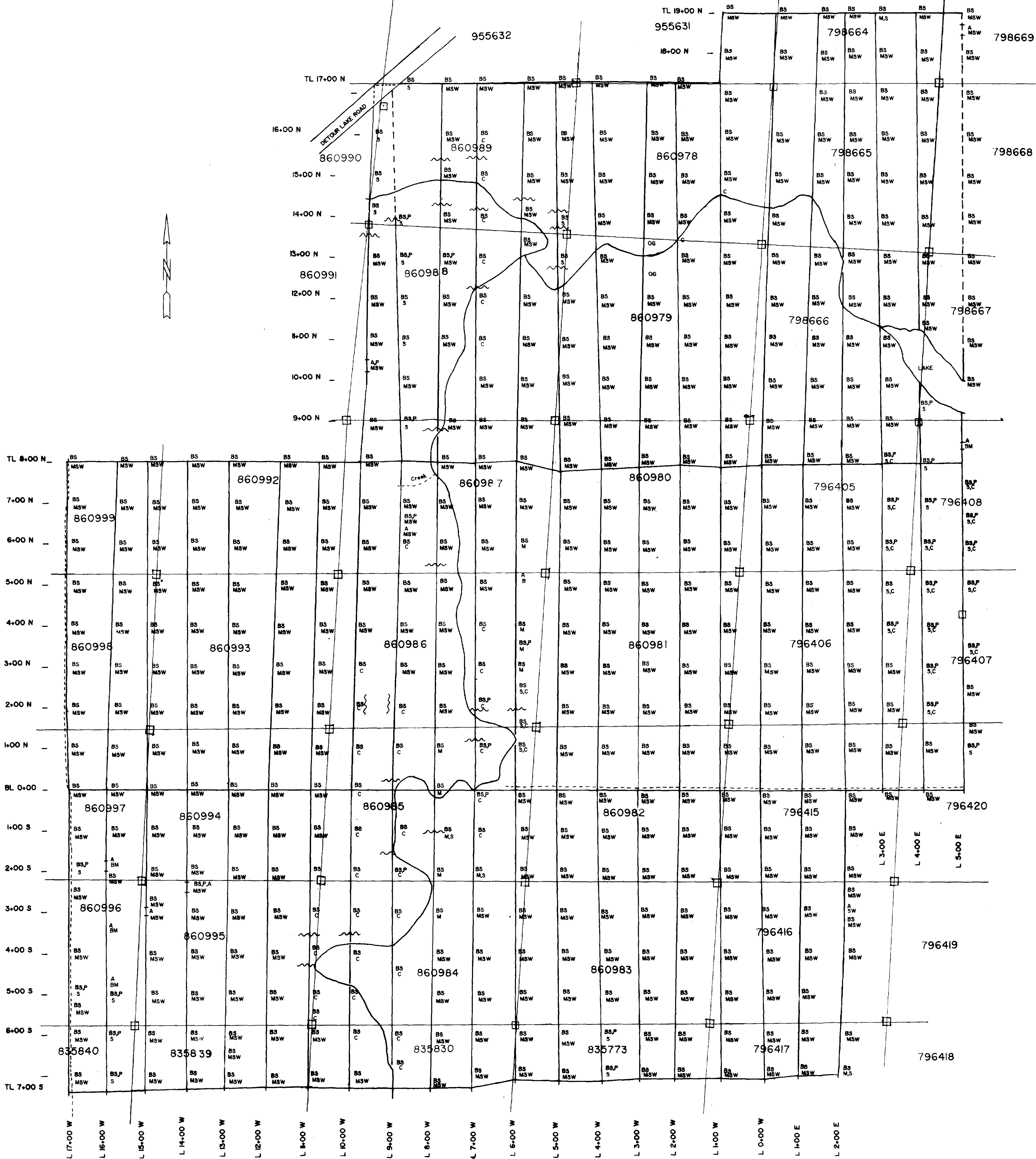
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G-3581

BLAKELOCK TOWNSHIP

McQUIBBAN TOWNSHIP

BRAGG TOWNSHIP





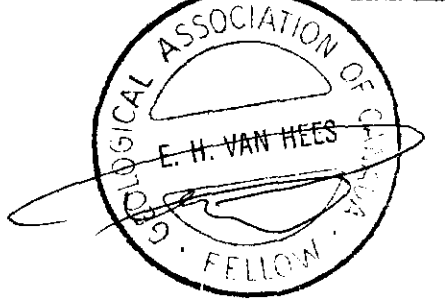
LEGEND

BS Black Spruce	MSW Muskeg Swamp	--- Drill Road
WS White Spruce	M,S Muskeg-Sand	--- Claim Line
BA Balsam	Bm/B Blackmuck	□ Claim Post
BI Birch	M Muskeg	~ Esker
P Poplar	H Humus	
A Alder	C Clay	
	S Sand	
	SW Swamp	

E.H. van Hees Geological Services Inc.
for
Chevron Canada Resources Ltd.

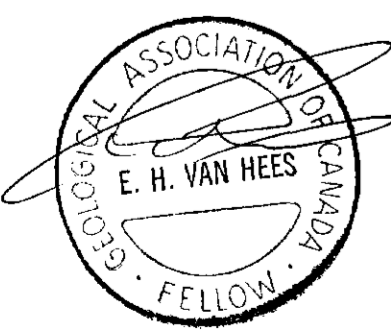
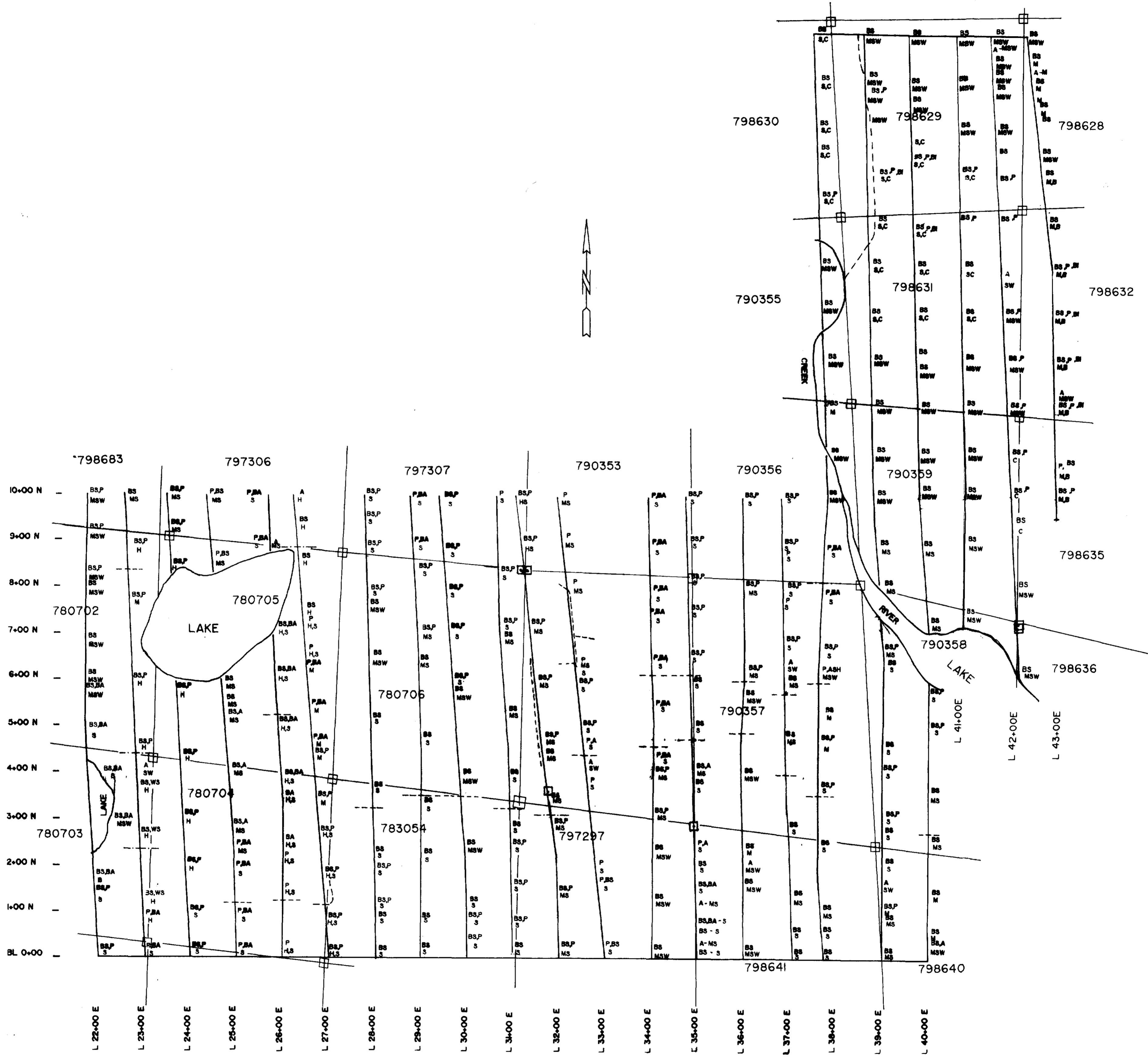
Geology
Grid # 1

Township: Tweed	Prov: Ontario
Drawn: KS & JG	Proj: Tweed
Scale: 1 cm = 50 m	Date: June, 1989

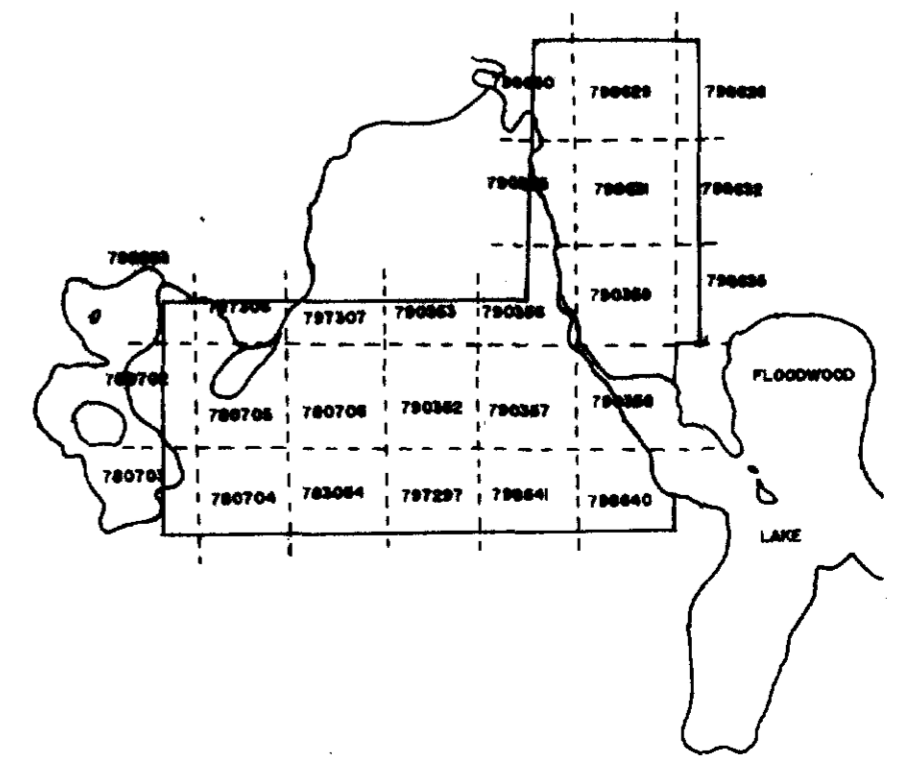


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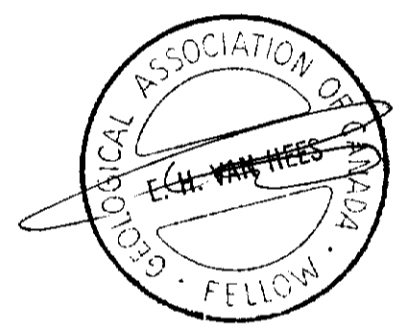
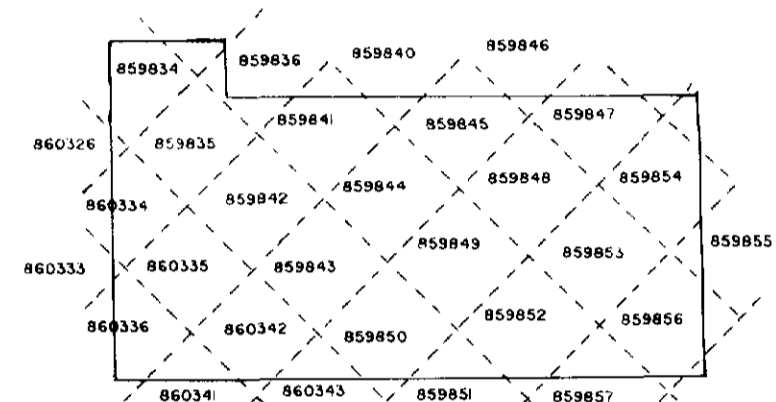
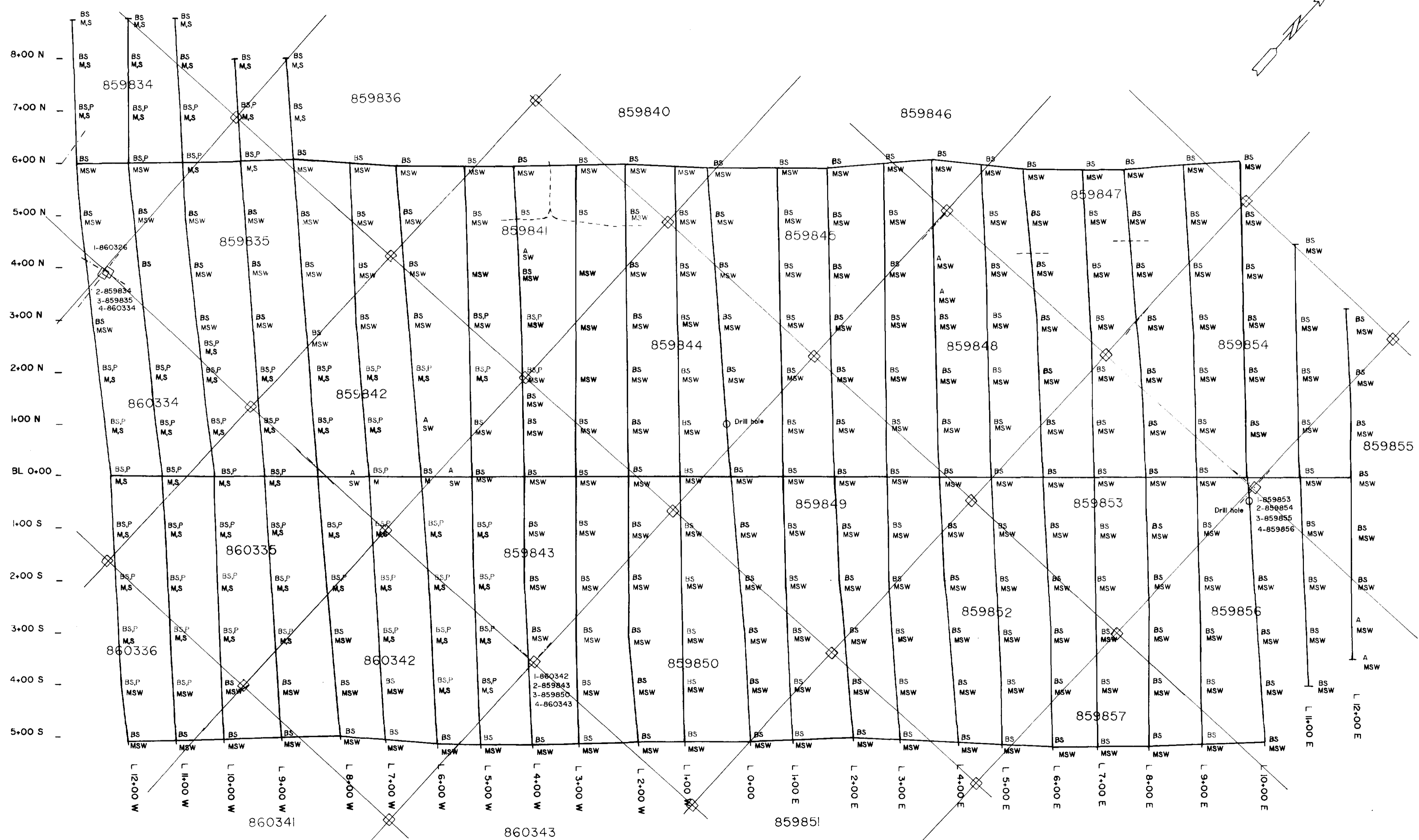


LEGEND		E.H. van Hees Geological Services Inc. for Chevron Canada Resources Ltd.	
BS Black Spruce	MSW Muskeg Swamp	~ Esker	
WS White Spruce	M/S Muskeg-Sand	□ Claim Post	
BA Balsam	Bm/B Blackmuck	--- Claim Line	
Bi Birch	M Muskeg	--- Drill Road	
P Poplar	SW Swamp		
A Alder	H Humus		
	C Clay		
	S Sand		
		Geology Grid # 4	
Township: Tweed		Prov.: Ontario	
Drawn: KS & JG		Proj.: Tweed	
Scale: 1 cm = 50 m		Date: June, 1989	



2. 12602





LEGEND

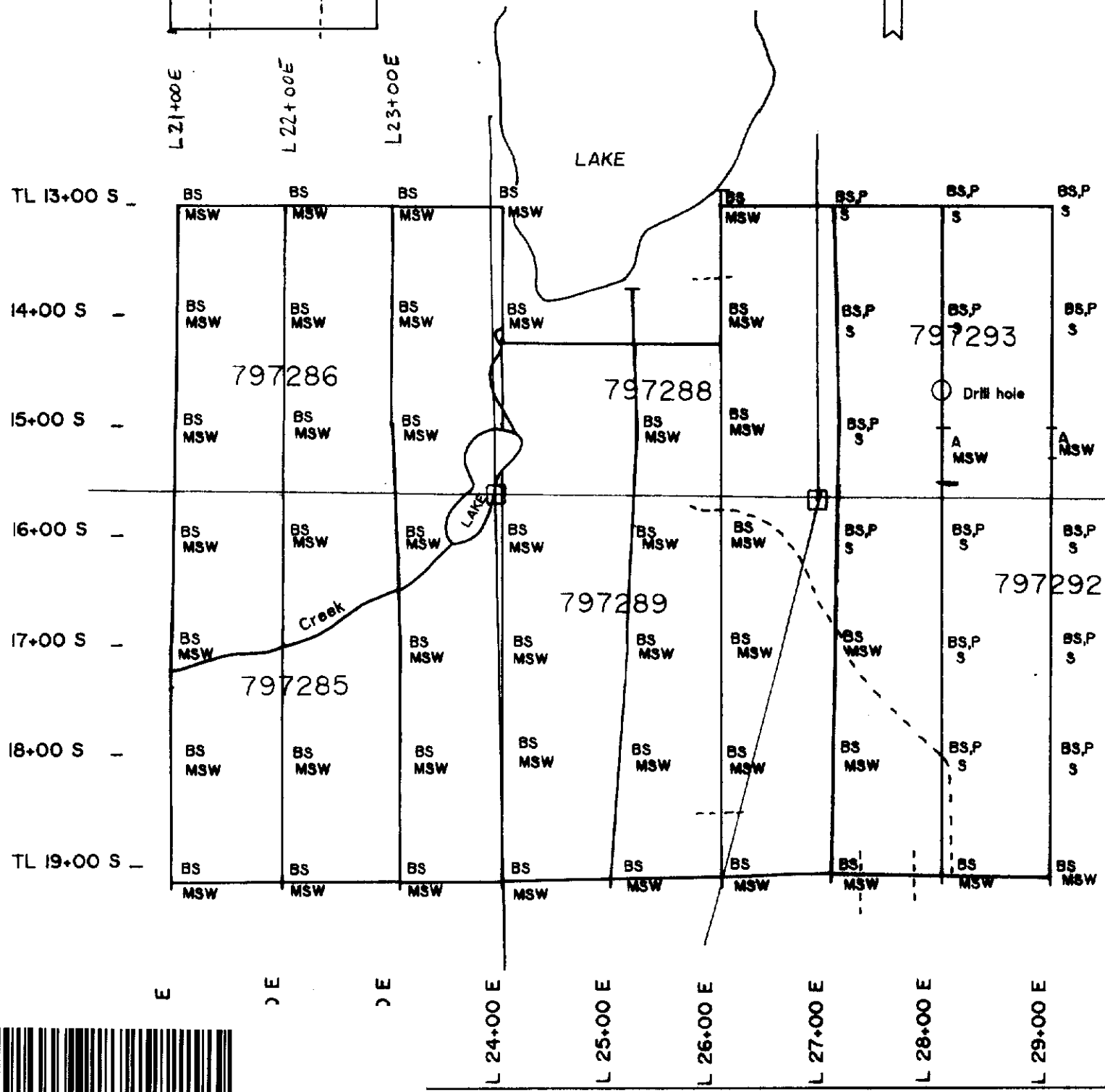
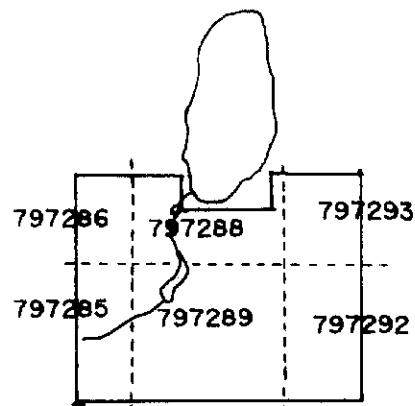
BS Black Spruce	MSW Muskeg Swamp	--- Drill Road
WS White Spruce	M,S Muskeg-Sand	- - - Claim Line
BA Balsm	Bm/B Blackmuck	□ Claim Post
Bi Birch	M Muskeg	~ Esker
P Poplar	H Humus	
A Alder	○ Clay	
	S Sand	
	SW Swamp	

E.H. van Hees Geological Services Inc.
for
Chevron Canada Resources Ltd.

Geology
Grid # 6
2.12602

Township: Blakelock	Prov.: Ontario
Drawn: KS & JG	Proj.: Blakelock
Scale: 1 cm = 50 m	Date: June, 1989

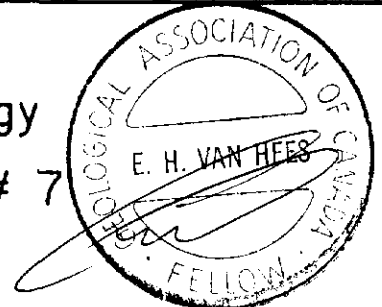




LEGEND					
BS	Black Spruce	MSW	Muskeg Swamp	---	Drill Road
WS	White Spruce	M,S	Muskeg+Sand	- - - -	Claim Line
BA	Balsm	Bm/B	Blackmuck	□	Claim Post
Bi	Birch	M	Muskeg	~	Esker
P	Poplar	H	Humus		
A	Alder	C	Clay		
		S	Sand		
		SW	Swamp		

E.H. van Hees Geological Services Inc.
for
Chevron Canada Resources Ltd.

Geology
2.12602#7



Township: Tweed	Prov.: Ontario
Drawn: KS & JG	Proj: Tweed
Scale: 1 cm = 50 m	Date : June, 1989

