



32D04SE0014 2.5291 HEARST

010

RECEIVED

DEC 17 1982

MINING LANDS SECTION

ASSAYS AND WHOLE ROCK ANALYSIS

R. A. MacGREGOR CLAIMS

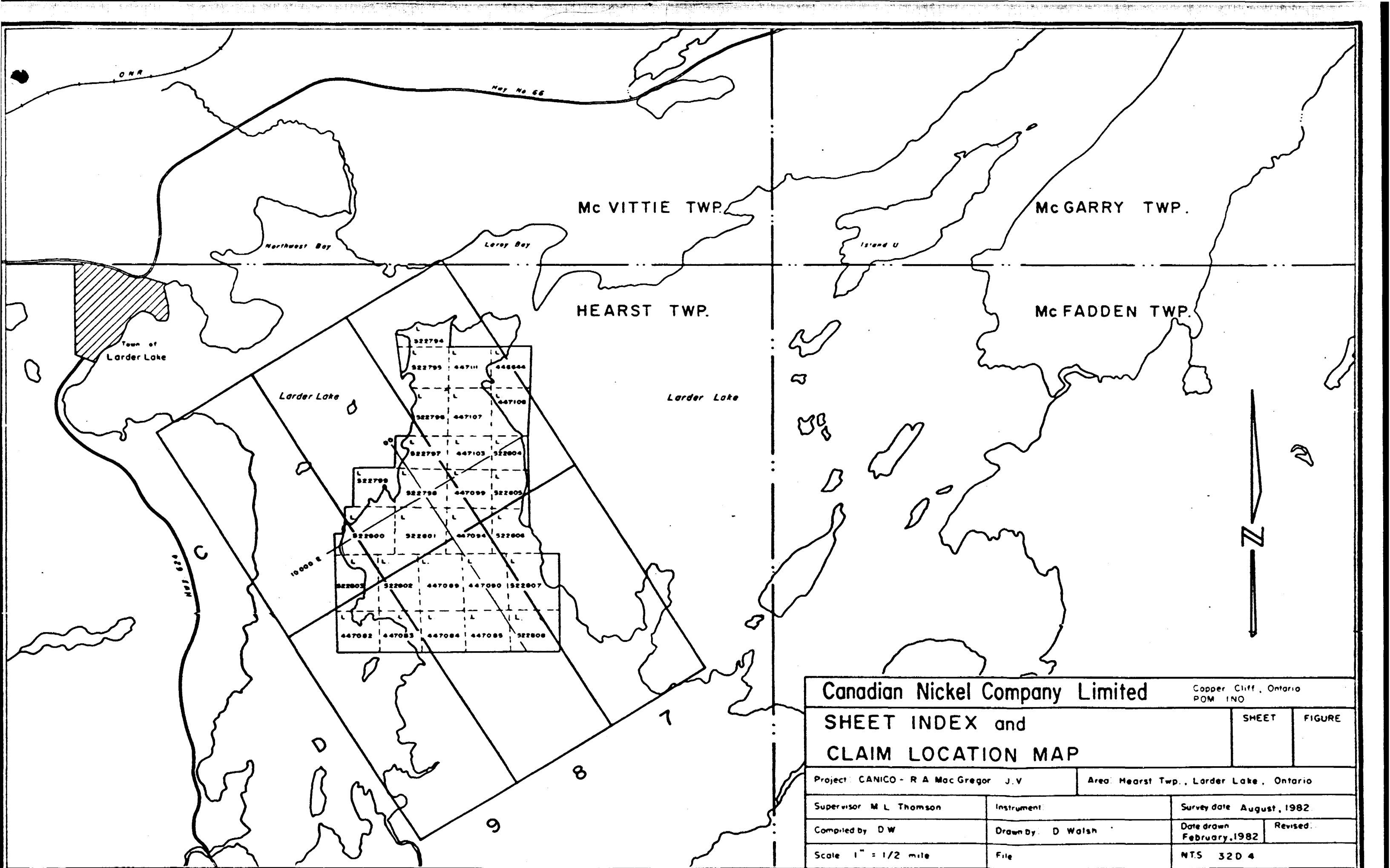
HEARST TOWNSHIP, ONTARIO

N.T.S. 32D4

INTRODUCTION

A total of 154 rock samples was collected for gold analysis and a total of 13 rock samples was collected for whole rock analysis during a geological survey carried out over the entire claim block. The geological report was previously submitted for assessment work on March 11, 1982 (see Ministry of Natural Resources file 2.4633).

The following analytical report and costs is being submitted as technical substantiation for a report of work submitted October 19, 1982.



Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
SHEET INDEX and CLAIM LOCATION MAP		SHEET	FIGURE
Project: CANICO - R A Mac Gregor J.V		Area: Hearst Twp., Larder Lake, Ontario	
Supervisor: M L Thomson	Instrument:	Survey date: August, 1982	
Compiled by: D W	Drawn by: D Walsh	Date drawn: February, 1982	Revised:
Scale: 1" = 1/2 mile	File:	NTS 320 4	

2-5291

INCO METALS COMPANY

Copper Cliff, Ontario POM 1N0

Ontario Division

October 15, 1982


To Whom It May Concern:

Charges for the analyses as per the attachment (Seq. No. 002 to 010 and 012 to 015 representing Sample NO. RX31958-31970 inclusive) are:

13 Samples @ \$13.00/sple for analyses = \$160.00

13 Samples @ \$ 4.50/sple for preparation = \$ 58.50

Total = \$227.50



A. A. Wiebe
Supt. Assay Stations



SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0
TELEPHONE: (705) 642-3244
ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

October 26 1982

Mr. I. McCaskill
Canadian Nickel Company Limited
Field Exploration Building
Highway 17 West
Copper Cliff, Ontario
POM INO

Dear Mr. McCaskill:

As per our telephone conversation earlier today, this letter confirms work done for the Canadian Nickel Company Limited from August 19 1981 to October 16 1981.

These include a portion of our invoices:

4821	--	25 Au Assays @ \$9.75	=	\$ 243.75
4888	}	-- 129 Au Assays @ 10.00	=	<u>1290.00</u>
4950				
5035				
5096				
			TOTAL.....\$	1533.75

Payment of the above invoices has been received.

Sincerely,


.....
G. Lebel - Manager

GL/efk

ANALYSES BY SWASTIKA LABORATORIES LIMITED

<u>Sample No.</u>	<u>Number of Analyses</u>
RX 024900-941	42
024944-963	20
024967-971	5
024973-986	14
024988-5000	13
031301-334	34
031339-342	4
031344-347	4
031349-366	<u>18</u>
Total Samples	154
Total Cost	\$1,533.75

Whole Rock Analysis by Canadian Nickel Company Limited

Seq. No. 002-10	9
012-15	<u>4</u>
Total Samples	13
Total Cost	\$ 227.50
GRAND TOTAL	\$1,761.25

IM/cb
December 2, 1982

Work Performed on Claims

L 447082	L 522796
L 447083	L 522797
L 447084	L 522798
L 447085	L 522799
L 447089	L 522800
L 447090	L 522801
L 447094	L 522802
L 447099	L 522803
L 447103	L 522804
L 447107	L 522805
L 447108	L 522806
L 522794	L 522807
L 522795	L 522808

Total Claims = 26
Total Cost = \$1,761.25



SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO POK 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 52349

Date: Sept. 17, 1981

Received Sept. 10, 1981 27 Samples of ore

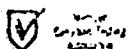
Submitted by Canico Limited, Larder Lake, Ontario

Acct#60546-14030

SAMPLE NO.	GOLD Oz./ton
RX-024900	0.001
024901	0.001
024902	NIL
024903	0.001
024904	0.001
024905	NIL
024906	NIL
024907	NIL
024908	NIL
024909	0.004
024910	NIL
024911	NIL
024912	NIL
024913	NIL
024914	NIL
024915	0.001
024916	0.001
024917	NIL
024918	0.001
024919	NIL
024920	NIL
024921	NIL
024922	NIL
024923	NIL
024924	NIL
024925	NIL
024926	NIL

Per G. Lebel
G. Lebel, Manager

ESTABLISHED 1928





SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0
TELEPHONE: (705) 642-3244
ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 52433

Date: September 28 1981

Received Sept. 23/81 36 Samples of Ore

Submitted by Canico Limited, Larder Lake, Ontario

Acct. No. 60546-14030

SAMPLE NO. GOLD
Oz./ton

SAMPLE NO. GOLD
Oz./ton

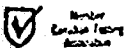
RX-024927	Nil
024928	0.001
024929	Nil
024930	Nil
024931	Nil
024932	Nil
024933	Nil
024934	Nil
024935	0.001
024936	0.001
024937	Nil
024938	Nil
024939	Nil
024940	Nil
024941	Nil

RX-031323	Nil
031324	Nil
031325	Nil
031326	Nil
031327	Nil
031328	Nil
031329	Nil
031330	Nil
031331	Nil
031332	Nil
031333	Nil
031334	Nil

RX-031316	Nil
031317	0.001
031318	Nil
031319	Nil
031320	0.001
031321	Nil
031322	Nil

Per G. Lebel
G. Lebel - Manager

ESTABLISHED 1928





SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, MALDEN, ONTARIO P0K 1T0
TELEPHONE: (705) 642-3244
ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

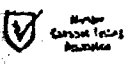
Certificate of Analysis

Certificate No. 52195 Date: August 27, 1981
Received August 19, 1981 29 Samples of Ore
Submitted by Canico Limited, Larder Lake, Ontario
Acct No. 60547-14030

SAMPLE NO.	GOLD Oz/ton
RX-024944	0.040
	0.031
024945	0.033
024946	0.005
024947	0.001
024948	0.001
024949	Nil
024950	Nil
024951	0.001
024952	0.001
024953	0.001
024954	0.001
024955	Nil
024956	Nil
024957	Nil
024958	Nil
024959	Nil
024960	0.001
024961	Nil
024962	Nil
024963	0.001
024967	Nil
024968	0.001
024969	Nil
024970	Nil
024971	Nil

Per G. Lebel
G. Lebel, Manager

ESTABLISHED 1928





SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO POK 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 52255

Date: Sept. 8, 1981

Received Aug. 28, 1981 43 Samples of ore

Submitted by Canico Limited, Larder Lake, Ontario

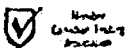
Acct#60514-14030

SAMPLE NO.	GOLD Oz./ton
RX-024973	NIL
024974	NIL
024975	NIL
024976	0.001
024977	NIL
024978	0.001
024979	0.002
	0.004
024980	NIL
024981	0.002
024982	0.001
024983	0.002
024984	0.002
024985	NIL
024986	NIL
024988	NIL
024989	NIL
024990	NIL
024991	NIL
024992	NIL
024993	NIL
024994	NIL
024995	NIL

SAMPLE NO.	GOLD Oz./ton
RX-024996	NIL
024997	NIL
024998	NIL
024999	NIL
025000	0.002
	0.006
RX-031301	NIL
031302	NIL
031303	NIL
031304	NIL
031305	NIL
031306	NIL
031307	0.002
	0.003
031308	NIL
031309	NIL
031310	NIL
031311	NIL
031312	NIL
031313	NIL
031314	NIL
031315	NIL

Per G. Lebel
G. Lebel, Manager

ESTABLISHED 1928





SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO POK 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 52525

Date: Oct. 13, 1981

Received Oct. 7, 1981 50 Samples of ore

Submitted by Canico Limited, Larder Lake, Ontario

Acct. # 54046-14030

SAMPLE NO. GOLD
Oz./ton

SAMPLE NO. GOLD
Oz./ton

RX-

RX-031360 NIL
031361 NIL
031362 NIL
031363 NIL
031364 NIL
031365 NIL
031366 NIL

031339 NIL
031340 NIL
031341 NIL
031342 NIL

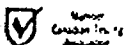
031344 NIL
031345 NIL
031346 NIL
031347 NIL

031349 NIL
031350 NIL
031351 NIL
031352 NIL
031353 NIL
031354 NIL
031355 NIL
031356 NIL
031357 0.001
0.001
031358 NIL
031359 NIL

Per

G. Lebel, Manager

ESTABLISHED 1928



COPPER CLIFF EXPLORATION ASSAY-LAB

*** FINAL ASSAYS * MATRIX 12 ***

RUN: 22/12/81 TWENTY-SECOND-PPWRA
 PROCESSED: 22/12/81 FILE: TWENTY-SECOND PPWRA.CND

FIELD NO.	SEQ. NO.	SiO2	FE	CO	MGO	NI	AL2O3	S	CU	CAO	TiO2	MNO	K2O	S.G.
MP 296	002	55.8	5.1	0.02	6.0	***	12.8	***	***	6.7	0.62	0.05	4.5	2.83
MP 269	003	51.5	6.0	0.03	7.6	0.34	10.1	***	***	6.8	0.77	0.02	4.8	2.87
MP 5	004	52.1	6.9	0.03	9.8	***	12.5	***	***	7.5	0.86	0.07	1.3	2.93
MP 119	005	53.2	6.5	0.03	6.7	***	15.4	***	***	8.2	0.85	0.14	0.4	2.91
MP 75	006	62.6	2.6	0.02	2.5	***	14.7	***	***	3.6	0.33	0.03	11.3	2.75 SF CODE 14
MJ 239	007	54.0	6.3	0.03	6.7	***	15.4	***	***	4.4	1.22	0.08	2.2	2.88
MJ 235	008	50.9	8.2	0.03	9.5	***	14.6	***	***	6.0	0.87	0.17	***	2.99 SF CODE 7
MJ 204	009	51.9	7.4	0.03	7.6	0.06	15.4	***	***	7.2	0.94	0.15	0.3	2.95 SF CODE 7
MJ 170	010	51.0	7.1	0.03	8.0	***	15.5	***	***	12.3	0.86	0.14	***	2.94 SF CODE 11
MJ 152	012	52.3	6.6	0.03	7.4	0.05	13.1	***	0.05	9.0	0.81	0.12	0.7	2.91
MJ 146	010	54.2	7.2	0.03	8.3	***	15.0	***	***	11.1	0.82	0.13	0.4	2.95
MJ 138	014	50.8	7.3	0.03	9.3	0.10	14.5	***	***	7.7	0.82	0.15	1.7	2.96 SF CODE 7
MJ 127	015	48.7	7.3	0.03	8.6	***	15.1	***	***	14.3	0.88	0.27	***	3.00 SF CODE 11
DETN LMT		35.00	1.00	0.005	1.00	0.05	3.00	0.50	0.05	1.00	0.05	0.005	0.25	2.75

*** ASSAYS BELOW DETECTION LIMIT ***



FILE # 447072

The M

320045E0814 2.5291 HEARST

900

Type of Survey(s) Assays / Whole Rock Analysis Hearst Township

Claim Holder(s) R. A. MacGregor Prospector's Licence No. K 15070

Address 134 Palace Drive, Sault Ste. Marie, Ontario P6B 5H5

Survey Company Swastika Laboratories Ltd. / Canadian Nickel Company Limited Date of Survey (from & to) 31 08 82 16 10 82 Total Miles of line Cut

Name and Address of Author (of Geo-Technical report) J.E. Mullock, c/o Canadian Nickel Company Ltd., Copper Cliff, Ontario POM 1N0

Credits Requested per Each Claim in Columns at right

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

Man Days	Geophysical	Days per Claim
Complete surveys and enter totals here	- Electromagnetic	
	- 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 Claims Traversed (List in numerical sequence)

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
L	447084	20			=
	447085	20			
	447089	20			
	447090	20			
	447094	20			
	447099	11			
	522803	2			
	522807	2			

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 MINING LANDS SECTION

LARDELL
 RECEIVED
 OCT 21 1982
 7 18 19 10 11 12 1 2 13 14 15 16

Expenditures (excludes power stripping)

Type of Work Performed Assay Costs

Performed on Claim(s) See Appendix : "A"

Calculation of Expenditure Days Credits

Total Expenditures	÷	Total Days Credits	=	
\$ 1,730.25	÷	15	=	115

Instructions
 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. 8

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
115.0	Oct. 22, 1982	[Signature]
	Date Approved as Recorded	Branch Director
	83.07.15	[Signature]

Date October 19, 1982
 Recorded Holder or Agent (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 I. D. McCaskill, c/o Canadian Nickel Company Ltd.
 Copper Cliff, Ontario POM 1N0

Date Certified Oct. 19, 1982
 Certified by (Signature) [Signature]

Feb 1/83

Mining Lands Comments

Empty lined area for Mining Lands Comments.

To: Geophysics

Comments section for Geophysics.

Approval checkboxes: Approved, Wish to see again with corrections. Date and Signature fields.

To: Geology - Expenditures

W.R. Kustre

Comments section for Geology - Expenditures.

Approval checkboxes: Approved, Wish to see again with corrections. Date: *Mar 28/83*, Signature: *W.R. Kustre*

To: Geochemistry

Comments section for Geochemistry, containing the handwritten text *L.D.*

Approval checkboxes: Approved, Wish to see again with corrections. Date and Signature fields.

To: Mining Lands Section, Room 6462, Whitney Block. (Tel: 5-1380)

349

1982 12 23

2.5291

Mining Recorder
Ministry of Natural Resources
4 Government Road East
P.O. Box 984
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

We have received data for Assaying submitted under Section 77(19) of the Mining Act RSO 1980 for Mining Claims L 447084 et al in the Township of Hearst.

This material will be examined and assessed and a statement of assessment work credits will be issued.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1380

DW:sc

cc: R.A. MacGregor
Sault Ste. Marie, Ontario

cc: J.E. Mullock
Copper Cliff, Ontario

Canadian Nickel Company Limited

Copper Cliff • Ontario P0M 1N0

RECEIVED

DEC 17 1982

MINING LANDS SECTION

December 8, 1982

REGISTERED MAIL

Mr. F.W. Matthews
Supervisor, Projects Section
Ministry of Natural Resources
Whitney Block, Queen's Park
Toronto, Ontario
M7A 1X1

Dear Mr. Matthews:

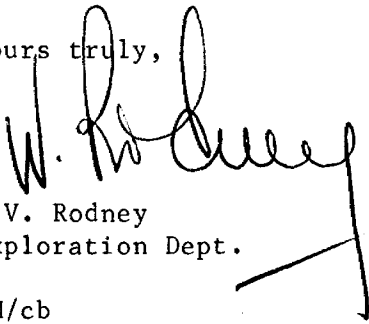
On behalf of R.A. MacGregor, enclosed is an Assay and Whole Rock Analysis report in duplicate, being submitted as assessment work on the following claim located in Hearst Township, Larder Lake Mining Division.

L 447084-85	L 447099
L 447089-90	L 522803
L 447094	L 522807

The report of work covering this submission was forwarded to G.J. Koleszar in Kirkland Lake and subsequently recorded on October 22, 1982.

I trust that this submission will be considered satisfactory by your department.

Yours truly,


W.V. Rodney
Exploration Dept.

IM/cb

Enclosures

*Qual.
2.132*

RECEIVED

DEC 17 1982

MINING LANDS SECTION

Exploration subsidiary of

INCO LIMITED

McVITTIE TWP. M-370

THE TOWNSHIP OF
OF

HEARST

DISTRICT OF
TIMISKAMING

LARDER LAKE
MINING DIVISION

SCALE: 1-INCH 40 CHAINS


LEGEND

- PATENTED LAND ● or (P)
- CROWN LAND SALE C.S
- LEASES (L)
- LOCATED LAND Loc.
- LICENSE OF OCCUPATION L.O.
- MINING RIGHTS ONLY M.R.O.
- SURFACE RIGHTS ONLY S.R.O.
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED
- PATENTED S.R.O.

NOTES

400' Surface Rights reservation along the shores of all lakes and rivers.

Township of Hearst lies entirely within the CORPORATION of the TOWNSHIP OF LARDER LAKE File 129282

Staking of mining claims within the Town of Larder Lake shown thus  subject to Sec. 37(b) of the Mining Act (R.S.O. 1970).

SAND AND GRAVEL

- (Q) QUARRY PERMIT

Areas withdrawn from staking under Section 43 of the Mining Act (R.S.O. 1970)

OrderNo.	File	Date	Disposition
(M) W14/BONR.	164586	26/11/80	S.R.O.

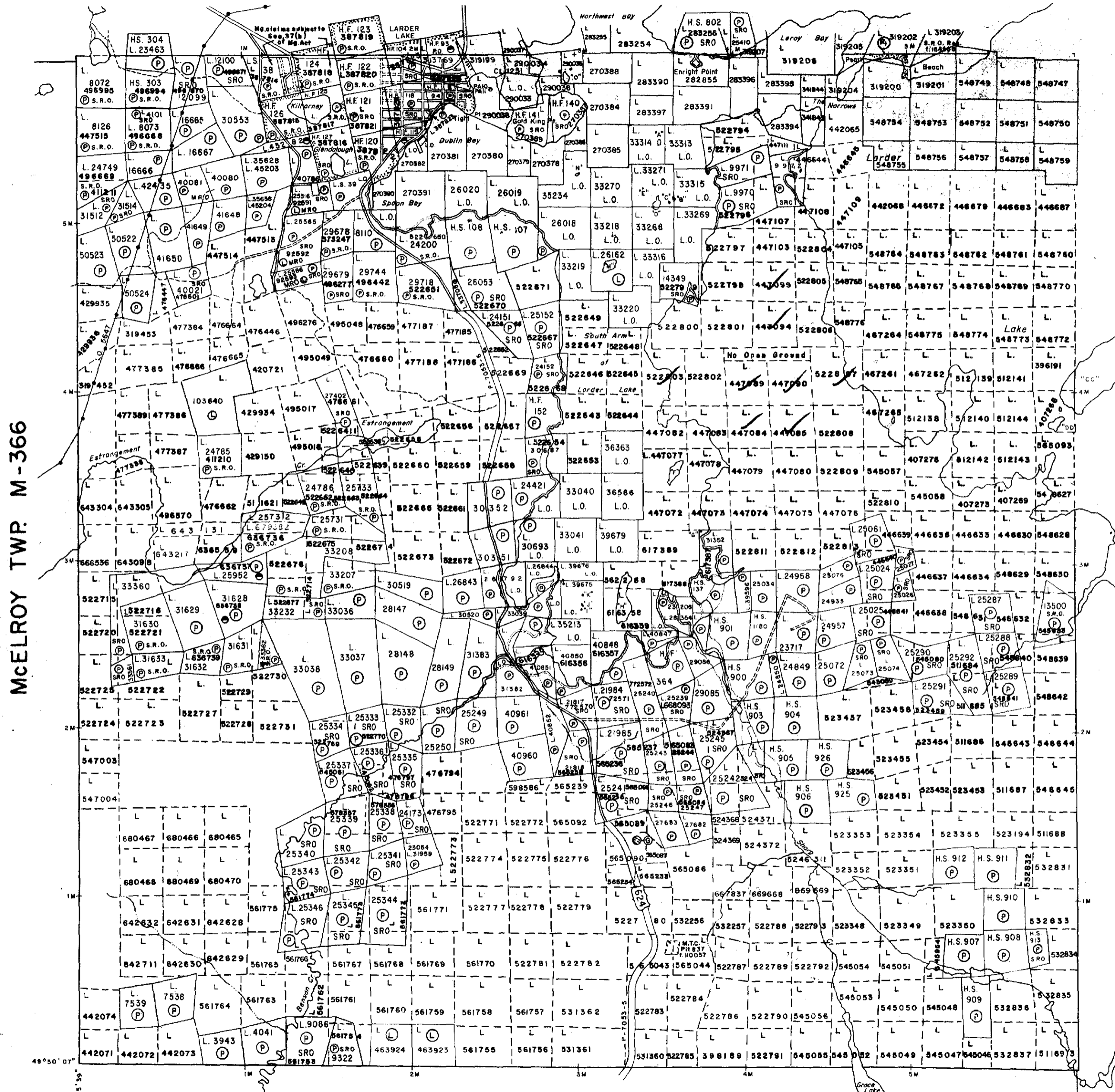
DATE OF ISSUE

JUL 14 1983

Ministry of Natural Resources
TORONTO

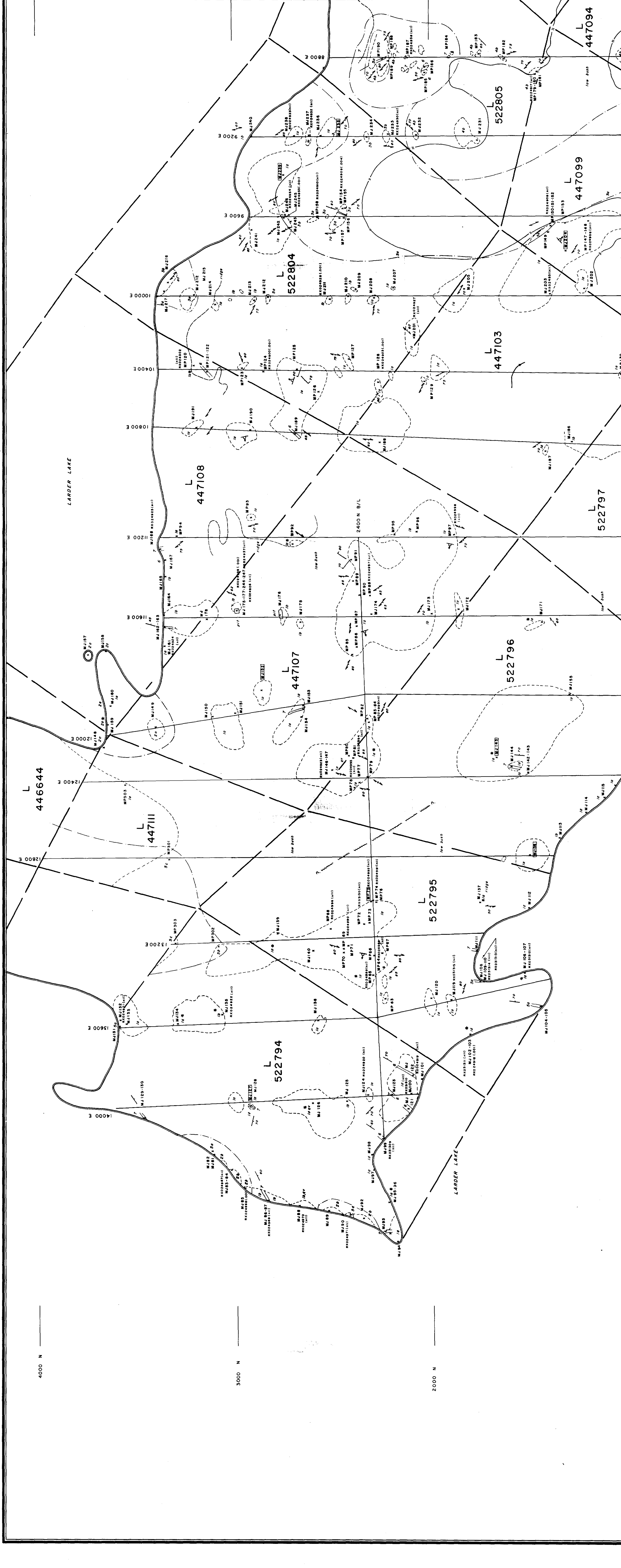
PLAN NO. M-354

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH



SKEAD TWP. M-387





Copper Cliff, Ontario
POM 1110

Canadian Nickel Company Limited

GEOLOGICAL SURVEY

SHEET C-7

FIGURE

Project: CANICO - R. A. MacGregor, J. V. Area: Hearst Twp., Larder Lake, Ontario

Supervisor: M.L. Thomson Instrument: _____ Survey date: August, 1982.

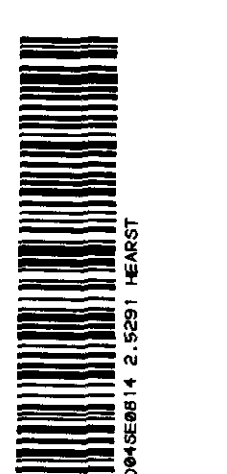
Compiled by: M.L.T. - J.V.C. Date drawn: February, 1982. Revised: _____

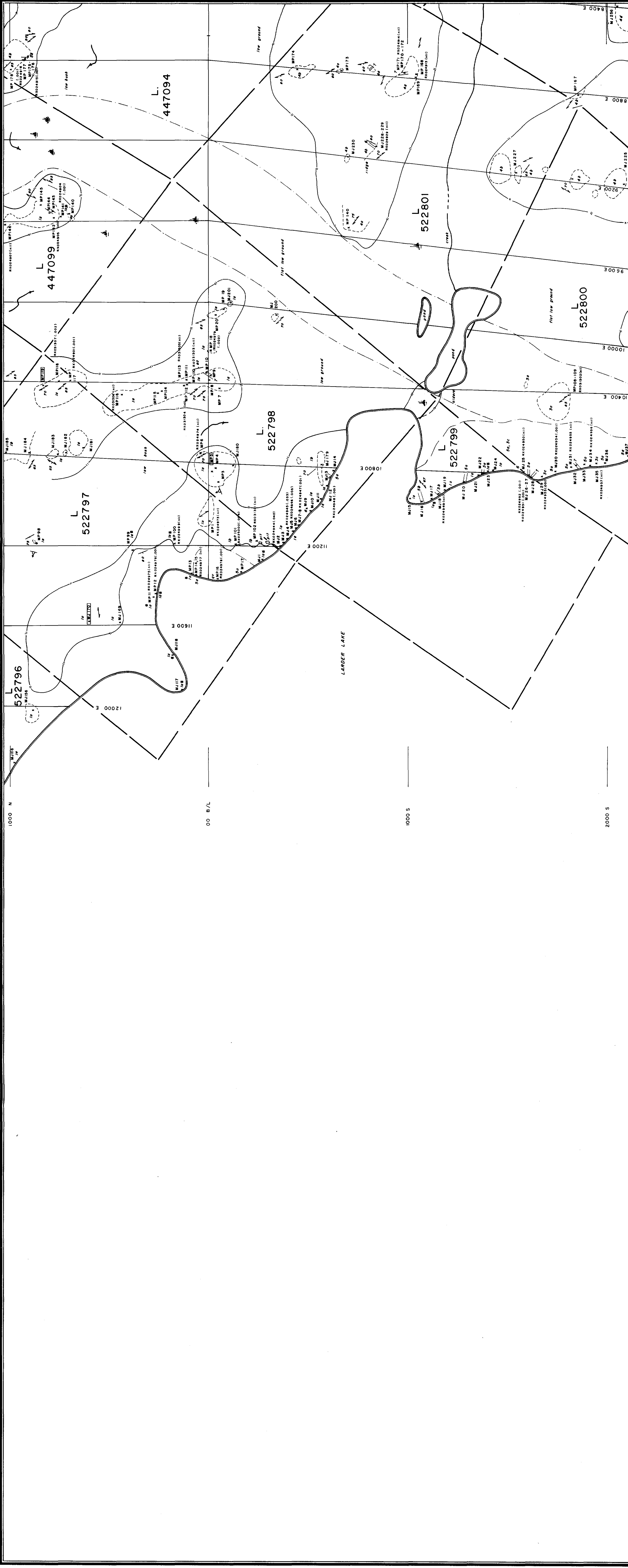
Scale: 1" = 200' File: NTS 32 D 4

2-591

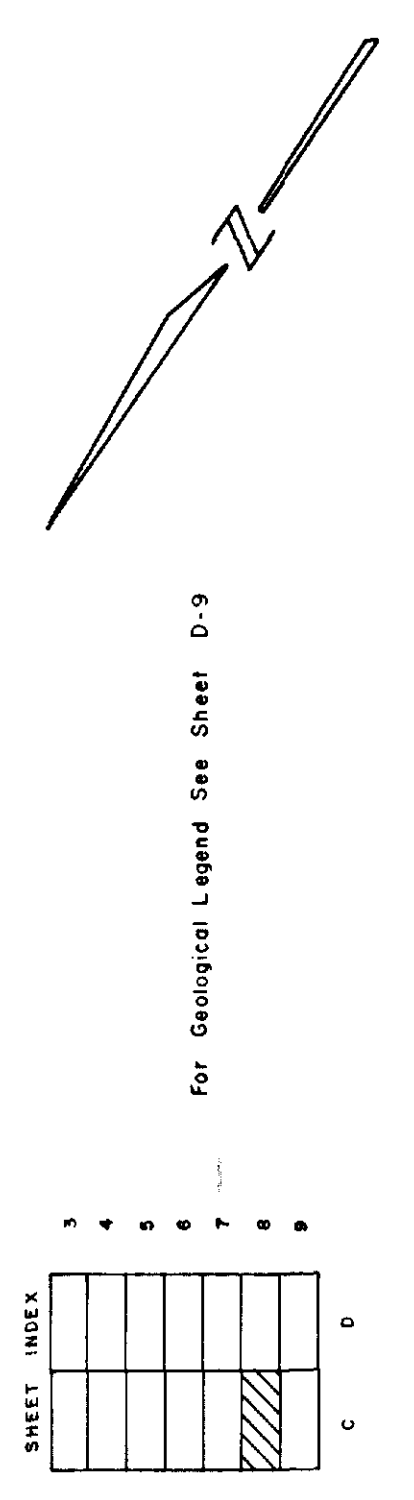
For Geological Legend See Sheet D-9

SHEET INDEX	
3	D
4	
5	
6	
7	
8	
9	
C	D



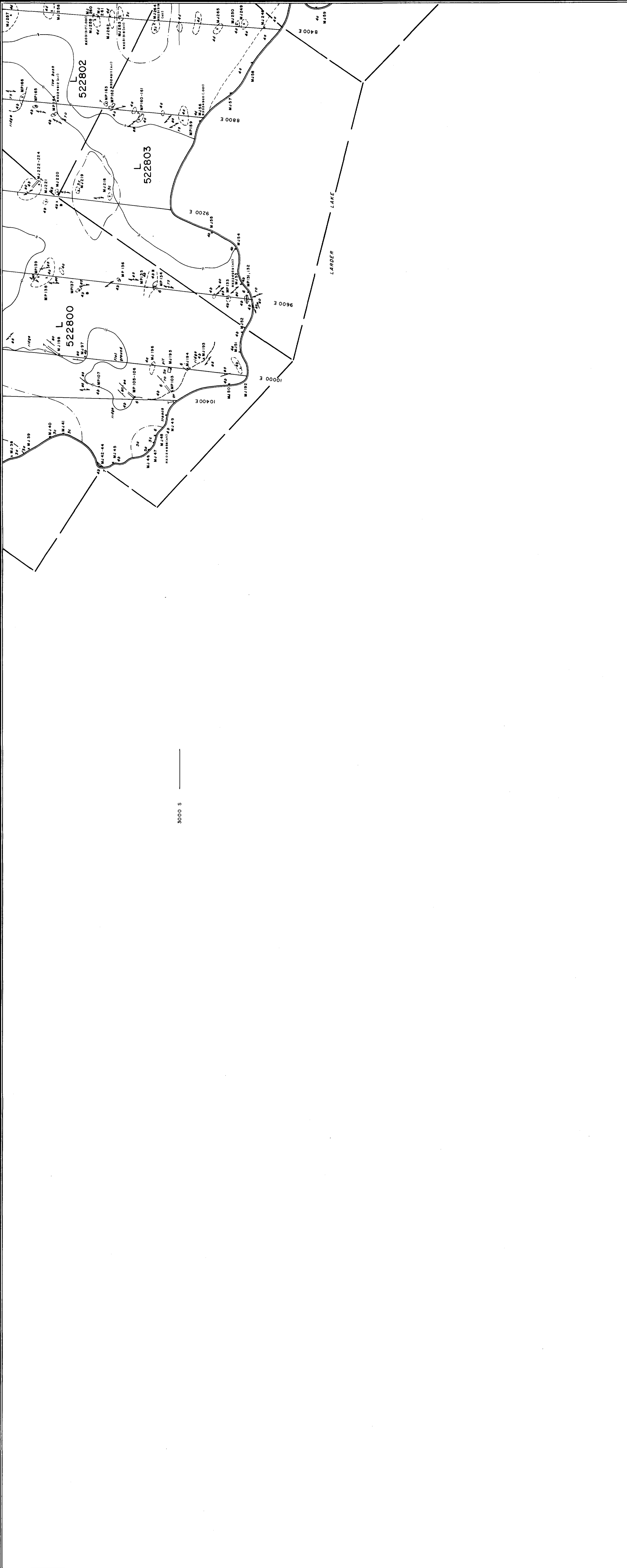


Canadian Nickel Company Limited		Copper Cliff, Ontario
GEOLOGICAL SURVEY		POW. IND.
SHEET C-8		FIGURE
Project: CANICO - R. A. MacGregor, J. V.	Area: Hearst Twp., Larder Lake, Ontario.	
Supervisor: M. L. Thomson	Instrument:	Survey date: August, 1982.
Compiled by: M. L. Thomson	Drawn by: D. Walsh	Date drawn: February, 1982.
Scale: 1" = 200'	File: NTS. 32 D 4	Revised:

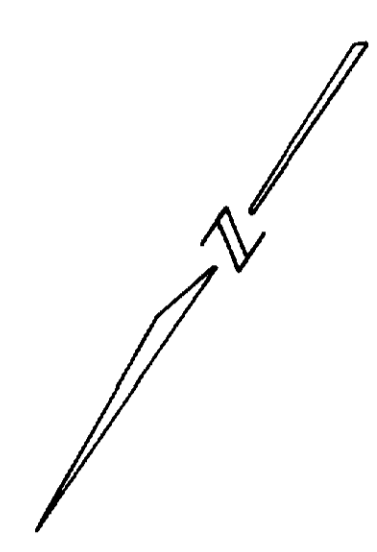


For Geological Legend See Sheet D-9





Canadian Nickel Company Limited		Copper Cliff, Ontario	
GEOLOGICAL SURVEY		SHEET	FIGURE
		C-9	
Project: CANICO - R. A. MacGregor, J.V.	Area: Hearst Twp., Larder Lake, Ontario.		
Supervisor: M. L. Thomson	Instrument:		
Compiled by: M. L. T. - J.Y.C.	Drawn by: D. Walsh		
Scale: 1" = 200'	File: NTS 32 D 4		
Survey date: August, 1982	Revised:		
Date drawn: February, 1982	Revised:		

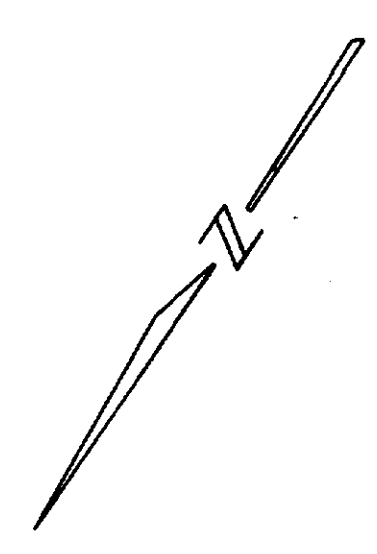
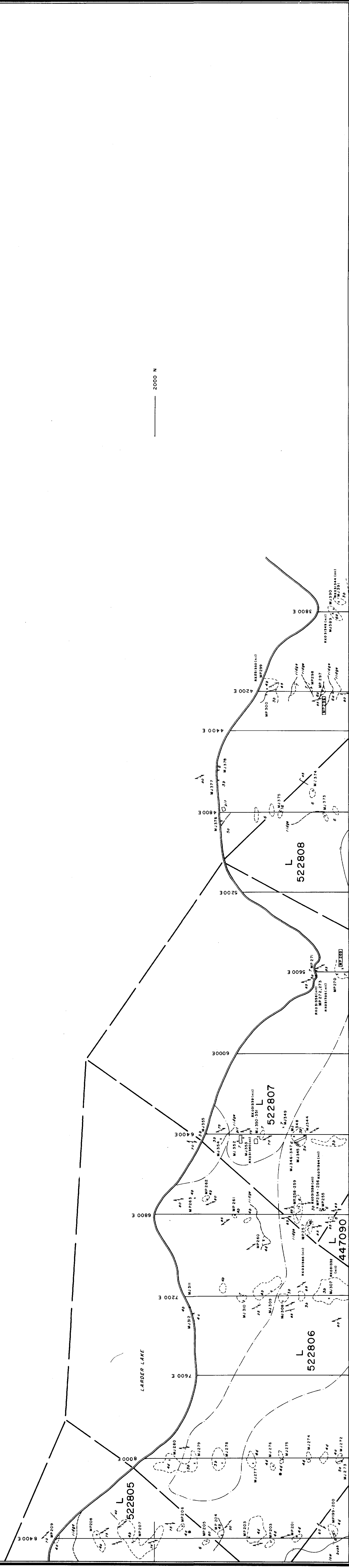


SHEET INDEX	3	
	4	
	5	
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	C	D

For Geological Legend See Sheet D-9



1859



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Canadian Nickel Company Limited

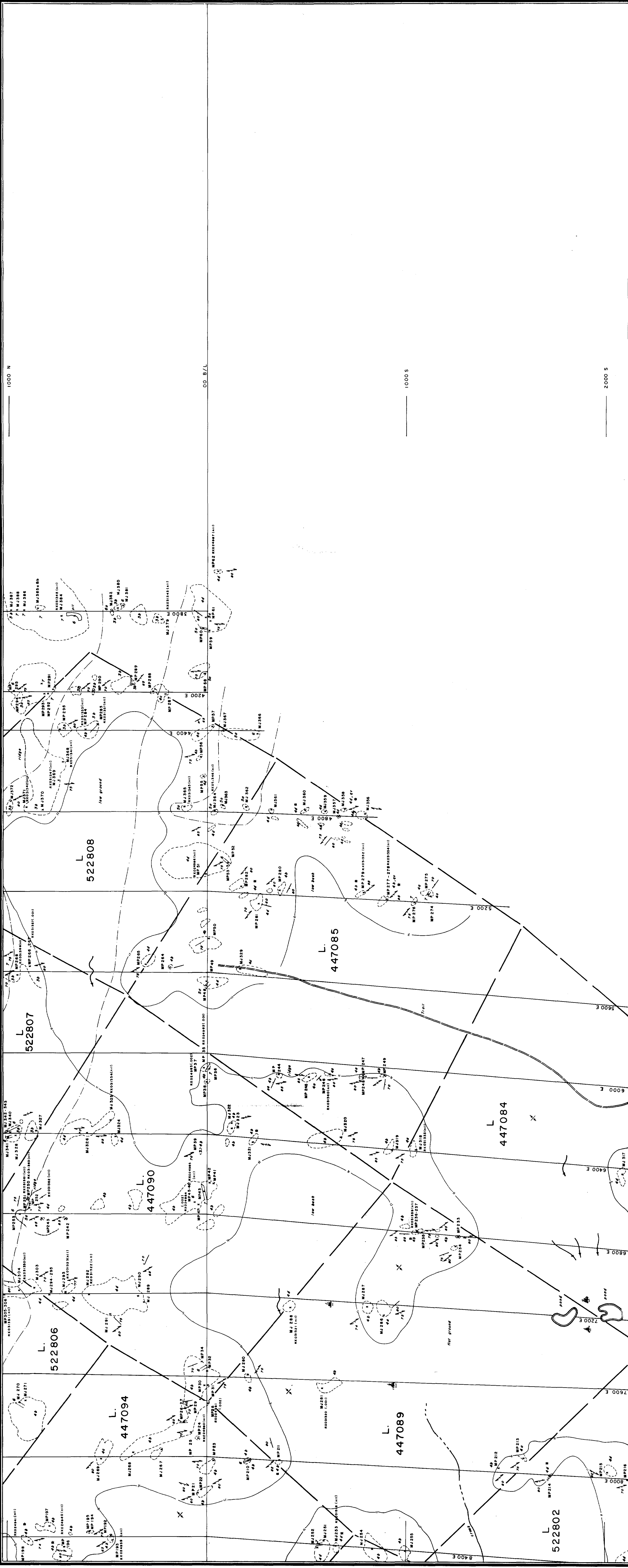
GEOLOGICAL SURVEY

Project: CANICO - R. A. MacGregor, J. V. Area: Hearst Twp., Larder Lake, Ontario.

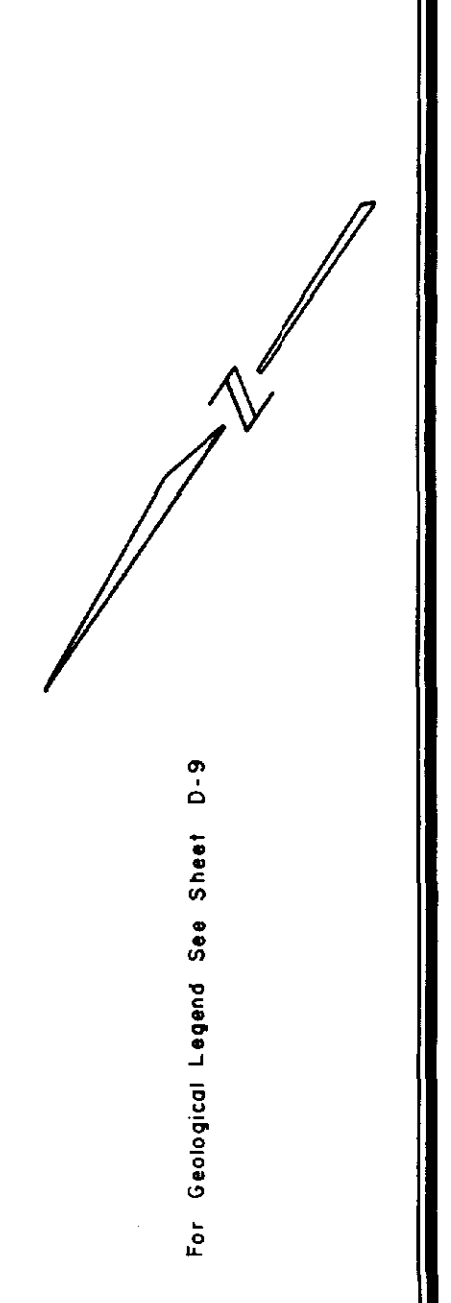
Supervisor: Instrument: Survey date: Date drawn: February, 1982 Revised: Drawn by: D. Walsh File: N.T.S. 32 D 4 Scale: 1" = 200'

SHEET: D-7 FIGURE:





Canadian Nickel Company Limited
 GEOLOGICAL SURVEY
 Project: CANICO - R. A. MacGregor, J. V.
 Supervisor: M. L. Thomson
 Instrument:
 Date drawn: August, 1982
 Drawn by: D. Walsh
 Survey date: August, 1982
 Revised:
 Scale: 1" = 200'
 File: NTS 32 D 4

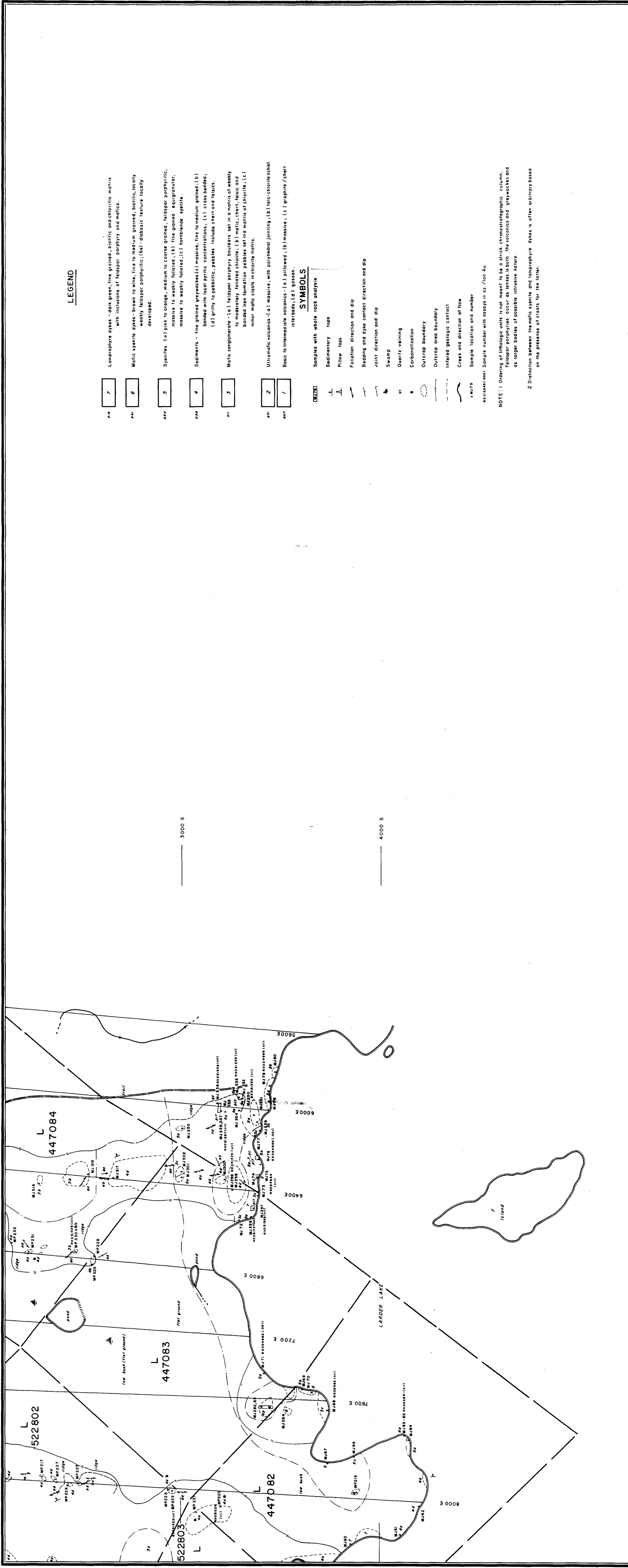


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LEGEND

- 7 Lamprophyre dykes - dark green, fine grained, biotitic and chloritic matrix with inclusions of feldspar, porphyry and mafics.
- 6 Mafic syenite dykes - brown to wine, fine to medium grained, biotitic, locally weakly feldspar porphyritic; (6a) - diabasic texture locally developed.
- 5 Syenites (a) pink to orange, medium to coarse grained, feldspar porphyritic, massive to weakly foliated; (b) fine grained equigranular, massive to weakly foliated; (c) hornblende syenite.
- 4 Sediments - fine grained greywackes (a) massive, fine to medium grained; (b) banded with local pyritic concentrations; (c) cross bedded; (d) gritty to pebbly; pebbles include chert and felsics.
- 3 Mafic conglomerate - (a) feldspar porphyry boulders set in a matrix of weakly to moderately foliated chert; (b) mafic, chert, felsic and banded iron formation pebbles set in a matrix of chlorite; (c) minor mafic clasts in chlorite matrix.
- 2 Ultramafic volcanics - (a) massive, with polyaxial jointing; (b) talc-chlorite schist.
- 1 Basic to intermediate volcanics - (a) pillowed; (b) massive; (c) graphite / chert interbeds; (d) gossan.

SYMBOLS

- Samples with whole rock analysis
- Sedimentary tops
- Pillow tops
- Foliation direction and dip
- Bedding and dyke contact direction and dip
- Joint direction and dip
- Swamp
- Quartz veining
- Carbonatization
- Outcrop boundary
- Outcrop area boundary
- Inferred geologic contact
- Creek and direction of flow
- Sample location and number
- xeoxaxaxaxax Sample number with assays in oz./ton Au.

NOTE: 1. Ordering of lithologic units is not meant to be a strict stratigraphic column. Feldspar porphyries occur as lenses within the volcanics and greywackes and as larger bodies of possible intrusive nature.

2. Distinction between the mafic syenite and lamprophyre dykes is often arbitrary based on the presence of clasts for the latter.

