



41010NES103 2.8939 CUNNINGHAM

010

REPORT ON
ASSAYING
CUNNINGHAM, BLAMEY AND GREENLAW
TOWNSHIPS, ONTARIO
FOR
GEOLOGICAL REPORTS BY
F. Ploeger, November 1982
D. Mullen, December 1983

RECEIVED
MAR 04 1983
MINING LANDS SECTION

GENERAL

A large number of samples were taken and assayed in connection with geological surveys conducted in 1982 and 1983 on a connecting claim block in Cunningham, Blamey and Greenlaw Townships. These reports have been filed for assessment purposes some time ago and include assay results and sample locations.

Receipts for this assay work have just come to hand and are being recorded now.

Respectfully submitted

February 28, 1986

R.A. MacGregor, P. Eng.

WAL

X-RAY ASSAY LABORATORIES LIMITED

1885 LESLIE STREET • DON MILLS ONTARIO M3B 3J4 • (416) 445-5755

VOICE TO:

1100 CREEK HINES (EXPLORATIONS)
ATTN: DAVE MULLEN
P.O. BOX 1140
571 MONETA AVENUE
TIMMINS, ONTARIO P4N 7H9

COPY TO:

RECEIVED
SEP 30 1983
LESLIE

SUBMITTED TO:

1100 CREEK HINES (EXPLORATIONS)
ATTN: DAVE MULLEN
P.O. BOX 1140
571 MONETA AVENUE
TIMMINS, ONTARIO P4N 7H9

CUSTOMER NO. 41

INVOICE NO.	INVOICE DATE	WORK ORDER NO.	DATE SUBMITTED
18281	19-SEP-83	14656	23-AUG-83
TERMS			
TERMS NET 30 DAYS 1.5% PER MONTH INTEREST ON ACCOUNT OVER 30 DAYS			

CLIENT PROJECT NO.	TYPE OF SAMPLES SUBMITTED
75	ROCK

NO. OF PKGS	SHIPPED VIA	WAY BILL NO.	SHIPPED FROM
1 BOX	SMALL FRY	48186	TIMMINS

QTY	DESCRIPTION METHOD	XGA CODE	UNIT COST	AMOUNT
1	13 WHOLE ROCK >1000	6, 0, 0, 0, 0	15.50	201.50
2	18 RU FFB FALCP	10, 7, 0, 0, 0	6.50	117.00
3	18 AS FFB FAA	8, 0, 0, 0, 0	6.50	117.00
4	18 TOTAL DIGESTION	7, 0, 0, 0, 0	2.25	40.50
5	18 CU FFB DCP	7, 0, 0, 0, 0	0.90	16.20
6	18 ZN FFB DCP	7, 0, 0, 0, 0	0.90	16.20
7	18 AG FFB DCP	7, 0, 0, 0, 0	0.90	16.20
8	18 PB FFB DCP	7, 0, 0, 0, 0	0.90	16.20
9	18 Y FFB XRF	6, 0, 0, 0, 0	3.00	39.00
10	18 PREPARATION ROCK	1, 0, 0, 0, 0	2.75	49.50
11	1 TRANSFER DATA TO TAPE	15, 0, 0, 0, 0	25.00	25.00
				\$ 654.20
5% DISCOUNT			32.72	-32.72

The total amount can be used.
D. Mullen Sept 1983
D. Mullen
Proj #75

SEE TIMMINS TRANSMITTAL
FILE MEMO No. T-83-86
FOR APPROVAL

TIMMINS OFFICE	
Checked
Proj Name(s)	No(3) .. Brkdn ..
75 - 16 = 637.43	

SUB-TOTAL \$ 621.59

SHIPPING CHARGES 15.85	CUSTOM BROKEPAGE	TELEX	MINIMUM CHARGES	
OTHER			CHURCHARGE - RUSH SERVICE	\$ 15.85

TOTAL IN CANADIAN FUNDS \$ 637.43

PLICATE COPY

XRAL

X-RAY ASSAY LABORATORIES LIMITED

1885 LESLIE STREET • DON MILLS ONTARIO M3B 3J4 • (416) 445-5755

INVOICE TO:

KIDD CREEK MINES (EXPLORATIONS)
ATTN: DAVE MULLEN
P.O. BOX 1140
571 HONETA AVENUE
TIMMINS, ONTARIO P4N 7H9

COPY TO:

SUBMITTED TO:

KIDD CREEK MINES (EXPLORATIONS)
ATTN: DAVE MULLEN
P.O. BOX 1140
571 HONETA AVENUE
TIMMINS, ONTARIO P4N 7H9

RECEIVED
SEP 7 2 1983
150505

CUSTOMER ID. 41

INVOICE NO.	INVOICE DATE	WORK ORDER NO.	DATE SUBMITTED
18980	19-SEP-83	14636	23-AUG-83

TERMS

TERMS NET 30 DAYS
1.5% PER MONTH INTEREST ON ACCOUNT OVER 30 DAYS

CLIENTS P.O. NO.	CLIENT PROJECT NO.	TYPE OF SAMPLES SUBMITTED
	75	ROCK

NO. OF PKGS	SHIPPED VIA	WAY BILL NO.	SHIPPED FROM
1 BOX	BPX	48165	TIMMINS

QUANTITY	DESCRIPTION METHOD	XRAL CODE	UNIT COST	AMOUNT
1. 17	WHOLE ROCK >1000	6, 0, 0, 0, 0	15.50	263.50
2. 28	AU PPM FADCP	10, 7, 0, 0, 0	6.50	182.00
3. 28	AS PPM FAA	8, 0, 0, 0, 0	6.50	182.00
4. 28	TOTAL DIGESTION	7, 0, 0, 0, 0	2.25	63.00
5. 28	NI PPM DCP	7, 0, 0, 0, 0	0.90	25.20
6. 28	CU PPM DCP	7, 0, 0, 0, 0	0.90	25.20
7. 28	ZN PPM DCP	7, 0, 0, 0, 0	0.90	25.20
8. 28	NO PPM DCP	7, 0, 0, 0, 0	0.90	25.20
9. 28	AG PPM DCP	7, 0, 0, 0, 0	0.90	25.20
10. 28	PB PPM DCP	7, 0, 0, 0, 0	0.90	25.20
11. 17	Y PPM XRF	6, 0, 0, 0, 0	3.00	51.00
12. 28	PREPARATION ROCK	1, 0, 0, 0, 0	2.75	77.00
13. 1	TRANSFER DATA TO TAPE	15, 0, 0, 0, 0	25.00	25.00
14.	5% DISCOUNT		49.74	\$ 994.70 -49.74

The total amount can be used

D. J. Mullen Sept 3/83

TIMMINS OFFICE

Checked _____
 Proj _____
 Name(s) _____ No(3) _____ Brkdn _____

75-16 = 971.17

Approved _____

D. J. Mullen
Proj # 75

SEE TIMMINS TRANSMITTAL

FILE MEMO No. T-83-81

FOR APPROVAL

SUB-TOTAL \$ 944.97

SHIPPING CHARGES	CUSTOM BROKERAGE	TELEX	MINIMUM CHARGES
26.20			
OTHER	SURCHARGE / RUSH SERVICE		
			\$ 26.20

TOTAL IN CANADIAN FUNDS

\$ 971.17

TRIPPLICATE COPY

XRAL

X-RAY ASSAY LABORATORIES LIMITED

1885 LESLIE STREET • DON MILLS ONTARIO M3B 3J4 • (416) 445-5755

INVOICE TO:

COPY TO:

KIDD CREEK MINES (EXPLORATIONS)
ATTN: TONY GREEN
P.O. BOX 1140
571 MONETA AVENUE
TIMMINS, ONTARIO
CANADA

RECEIVED
NOV 2 1982

SUBMITTED TO:

KIDD CREEK MINES (EXPLORATIONS)
ATTN: TONY GREEN
P.O. BOX 1140
571 MONETA AVENUE
TIMMINS, ONTARIO
CANADA

CUSTOMER NO. 41

INVOICE NO.	INVOICE DATE	WORK ORDER NO.	DATE SUBMITTED
16573	28-NOV-82	12720	4-NOV-82

TERMS

TERMS NET 30 DAYS
1.5% PER MONTH INTEREST ON ACCOUNT OVER 30 DAYS

CLIENT P.O. NO.	CLIENT PROJECT NO.	TYPE OF SAMPLES SUBMITTED
	02	ROCK WHOLE CORE SPLIT CORE

QUANTITY	SHIPPED VIA	WAY BILL NO.	SHIPPED FROM
3 BONES	SHALL FRV	32706	TIMMINS

QTY	DESCRIPTION	UNIT PRICE	TOTAL	AMOUNT
1	WHOLE ROCK 31000	29	6,000.00	449.50
2	AJ	31	10,700.00	201.50
3	TOTAL DIGESTION	31	7,000.00	69.75
4	DILUTION		7,000.00	2.25
5	LI PPH	31	7,000.00	0.60
6	LV PPH	31	7,000.00	0.90
7	ZN PPH	31	7,000.00	0.90
8	AS PPH	31	7,000.00	0.90
9	FB PPH	31	7,000.00	0.90
10	Y PPH	29	6,000.00	0.90
11	LD PPH	29	6,000.00	3.00
12	PREPARATION ROCK	27	1,000.00	2.50
13	PREP. WHOLE CORE		1,000.00	2.50
14	PREP. SPLIT CORE		1,000.00	2.50
15	TRANSFER DATA TO TAPE		15,000.00	23.00

17.5% DISCOUNT

225.43

113640 \$ 1289.15

~~113640~~ -225.43 198.6

Total ~~113640~~ 937.53

TIMMINS OFFICE

Checked
Proj Names(s) No(3) Brkdn.....

02-16 = 704.16

75-16 = 379.17

1083.33

Only a portion of this invoice can be claimed as some samples are from Kidd Creek claims not involved in the option agreement.

(\$955.87)

SEE TIMMINS TRANSMITTAL

FILE NUMBER No. 82-87

DATE

Sept 2/85

SUB-TOTAL

\$ 1052.73 937.53

SHIPPING CHARGES

20.61

CUSTOM BROKERAGE

TELEX

MINIMUM CHARGES

OTHER

SURCHARGE - RUSH SERVICE

\$ 20.61 183.1

DUPLICATE COPY

TOTAL IN CANADIAN FUNDS

\$ 1052.73

955.8

XRAL

X-RAY ASSAY LABORATORIES LIMITED

1885 LESLIE STREET • DON MILLS ONTARIO M3B 3J4 • (416) 445-5755

INVOICE TO:
 KID CREEK MINES (EXPLORATIONS)
 ATTN: FRANK FLOEGER
 P.O. BOX 1140
 571 MONETA AVENUE
 TIMMINS, ONTARIO
 P4H 7H7

COPY TO:

CUSTOMER NO. 41

SUBMITTED TO:
 KID CREEK MINES (EXPLORATIONS)
 ATTN: FRANK FLOEGER
 P.O. BOX 1140
 571 MONETA AVENUE
 TIMMINS, ONTARIO
 P4H 7H7

INVOICE NO.	INVOICE DATE	WORK ORDER NO.	DATE SUBMITTED
16325	27-06-82	11741	3-06-82

TERMS

TERMS NET 30 DAYS
 1.5% PER MONTH INTEREST ON ACCOUNT OVER 30 DAYS

CLIENTS P.O. NO.	CLIENT PROJECT NO. 73	TYPE OF SAMPLES SUBMITTED ROCK
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NO OF PGS. 3 EQUAS	SHIPPED VIA STANDARD	WAY BILL NO. 001972	SHIPPED FROM TIMMINS
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QTY	DESCRIPTION	UNIT	UNIT COST	AMOUNT
1	14 WHOLE ROCK >1000	6, 0, 0, 0, 0	15.50	217.00
2	14 AU FASCP	10, 7, 0, 0, 0	6.50	91.00
3	15 AU, AG FA	10, 7, 0, 0, 0	12.00	130.00
4	15 NI % XRF	5, 0, 0, 0, 0	7.00	105.00
5	15 CU % XRF	5, 0, 0, 0, 0	6.00	90.00
6	15 ZN % XRF	5, 0, 0, 0, 0	7.00	105.00
7	15 PB % XRF	5, 0, 0, 0, 0	7.00	105.00
8	14 TOTAL DIGESTION	7, 0, 0, 0, 0	2.25	31.50
9	14 NI FFM DCP	7, 0, 0, 0, 0	0.90	12.60
10	14 CU FFM DCP	7, 0, 0, 0, 0	0.90	12.60
11	14 ZN FFM DCP	7, 0, 0, 0, 0	0.90	12.60
12	14 AG FFM DCP	7, 0, 0, 0, 0	0.90	12.60
13	14 PB FFM DCP	7, 0, 0, 0, 0	0.90	12.60
14	14 Y FFM XRF	6, 0, 0, 0, 0	3.50	49.00
15	14 NB FFM XRF	6, 0, 0, 0, 0	3.50	49.00
16	29 PREPARATION ROCK	1, 0, 0, 0, 0	2.50	72.50
17	1 TRANSFER DATA TO TAPE	15, 0, 0, 0, 0	25.00	25.00

 \$ 1123.60
 -207.02

207.02

 \$ 975.97

Please pay this amount of \$75

All of this invoice can be claimed as all sampling was done optioned

SEE TIMMINS TRANSMITTAL
 FILE MEMO No. 82-82

Nov 82

Sept 3/85

TIMMINS OFFICE	
Checked
Prep
Name(s)	No(3) Brkdn
Approved

SHIPPING CHARGES	CUSTOM BROKERAGE	TELEX	MINIMUM CHARGES	\$ 20.65
OTHER			SURCHARGE - RUSH SERVICE	

TOTAL IN CANADIAN FUNDS

 \$ 975.62

2-8939

APPENDIX 1

LITHOGEOCHEMICAL DATA

RECEIVED

JUN 18 1986

MINING LANDS SECTION

KIDD CREEK MINES - WHOLE ROCK DATABASE

CUNNINGHAM 31 SAMPLING 1983

Sample No.	Field No.	Proj Code	Prov	NTS	Township	Rock Description Field Name	Sampled by
→ AA19797	AA19797	CUNBM	ONT	41010	CUNNINGHAM	VOLCANICLASTIC, INTERMEDIATE, BLOCK. FELDSPAR PORPHYRITIC. PERVASIVE, SERICITIZATION, MODERATE. DISSEMINATED AND BLEBS, <1%, PYRITE.	DAVE MULLEN
→ AA19798	AA19798	CUNBM	ONT	41010	CUNNINGHAM	VOLCANIC, FELSIC, FINE. MASSIVE. PERVASIVE, SERICITIZATION, MODERATE. NIL, NIL, NO COMMENT.	DAVE MULLEN
AA19799	AA19799	CUNBM	ONT	41010	CUNNINGHAM	VOLCANIC, MAFIC, FINE. MASSIVE. FRACTURE CONTROLLED, SERICITIZATION, WEAK. NIL, NIL, NO COMMENT.	DAVE MULLEN
↘ AA19800	AA19800	CUNBM	ONT	41010	CUNNINGHAM	VOLCANIC, MAFIC, FINE. MASSIVE. FRACTURE CONTROLLED, CHLORITIZATION, MODERATE. NIL, NIL, NO COMMENT.	DAVE MULLEN
↘ AA19801	AA19801	CUNBM	ONT	41010	CUNNINGHAM	PLUTONIC, MAFIC OR MELANOCRATIC. MEDIUM. MASSIVE. FRACTURE CONTROLLED, CHLORITIZATION, MODERATE. NIL, NIL, NO COMMENT.	DAVE MULLEN
↘ AA19802	AA19802	CUNBM	ONT	41010	CUNNINGHAM	VOLCANICLASTIC, FELSIC, ASH. BEDDED, LOOK AT COMMENTS FILE. PERVASIVE, SERICITIZATION, MODERATE. DISSEMINATED AND BLEBS, <1%, PYRITE.	DAVE MULLEN

KIDD CREEK MINES-WHOLE ROCK DATABASE

CUNNINGHAM 31 SAMPLING 1983

=====

SAME NO.	AA19797	AA19798	AA19799	AA19800	AA19801	AA19802
SIO2	57.30	62.70	51.60	46.10	50.20	69.90
AL2O3	15.60	16.90	16.00	15.00	14.50	0.17
FE2O3	10.10	4.66	9.91	12.20	12.10	27.90
MNO	0.24	0.12	0.16	0.20	0.19	0.37
MGO	5.45	4.46	4.51	5.95	8.44	1.33
CAO	1.41	1.60	10.20	9.43	8.97	0.57
NA2O	2.58	4.64	2.92	1.80	1.99	0.03
K2O	3.37	2.07	0.20	0.28	0.45	0.05
TIO2	0.46	0.38	0.98	0.86	0.73	0.01
P2O5	0.11	0.08	0.07	0.07	0.06	0.10
CR2O3	-0.01	-0.01	0.04	0.01	0.04	0.01
LOI	3.16	2.54	2.46	7.08	2.46	-0.23
TOTAL	99.77	100.14	99.06	98.98	100.14	100.21
BB	110.00	70.00	-10.00	10.00	30.00	10.00
SP	90.00	150.00	110.00	80.00	100.00	-10.00
ZP	110.00	110.00	40.00	40.00	20.00	-10.00
V	10.00	-10.00	20.00	10.00	20.00	-10.00
AU	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
MO	-1.00	1.00	-1.00	-1.00	-1.00	-1.00
NI	41.00	55.00	180.00	180.00	140.00	12.00
CU	95.00	37.00	140.00	100.00	140.00	33.00
ZN	78.00	100.00	110.00	120.00	110.00	61.00
AS	1.00	0.90	1.10	8.40	1.40	0.30
AG	0.50	0.50	1.00	1.00	0.50	-0.50
FE	10.00	16.00	22.00	24.00	18.00	6.00

KIDD CREEK MINES - WHOLE ROCK DATABASE

CUNNINGHAM MI SAMPLING 1983

Sample No.	Field No.	Prot Code	Prov	NTS	Township	Rock Description Field Name	Sampled by
AA19803	AA19803	CUNBM	ONT	41010	CUNNINGHAM	VOLCANICLASTIC,FELSIC,LAPILLI. MASSIVE. PERVASIVE,SERICITIZATION,MODERATE. NIL,NIL,NO COMMENT.	DAVE MULLEN
AA19804	AA19804	CUNBM	ONT	41010	CUNNINGHAM	VOLCANIC,FELSIC,FINE. MASSIVE. PERVASIVE,SERICITIZATION,MODERATE. NIL,NIL,NO COMMENT.	DAVE MULLEN
AA19805	AA19805	CUNBM	ONT	41010	CUNNINGHAM	VOLCANICLASTIC,INTERMEDIATE,LAPILLI. MASSIVE,FELDSPAR PORPHYRITIC. PERVASIVE,SERICITIZATION,WEAK. NIL,NIL,NO COMMENT.	DAVE MULLEN
AA19806	AA19806	CUNBM	ONT	41010	CUNNINGHAM	VOLCANIC,MAFIC,FINE. MASSIVE. PERVASIVE,SILICIFICATION,WEAK. NIL,NIL,NO COMMENT.	DAVE MULLEN
AA19807	AA19807	CUNBM	ONT	41010	CUNNINGHAM	VOLCANIC,MAFIC,FINE. PILLOWED,VARIOLITIC. PERVASIVE,CHLORITIZATION,MODERATE. NIL,NIL,NO COMMENT.	DAVE MULLEN
AA19808	AA19808	CUNBM	ONT	41010	CUNNINGHAM	VOLCANICLASTIC,MAFIC,ASH. MASSIVE. PERVASIVE,CHLORITIZATION,STRONG. NIL,NIL,NO COMMENT.	DAVE MULLEN

KIDD CREEK MINES-WHOLE ROCK DATABASE

CUNNINGHAM 31 SAMPLING 1983

=====

SAMP NO.	AA19803	AA19804	AA19805	AA19806	AA19807	AA19808
SiO2	61.70	68.50	66.50	55.70	52.60	51.50
Al2O3	17.50	14.40	14.40	15.30	13.80	13.40
Fe2O3	5.77	5.64	7.03	7.94	11.10	11.10
MnO	0.11	0.11	0.23	0.16	0.20	0.29
MgO	1.42	1.51	1.97	6.19	6.14	6.28
CaO	4.32	1.22	2.73	9.28	13.10	7.62
Na2O	4.97	3.62	3.24	1.93	0.78	4.83
K2O	1.53	2.39	1.29	0.67	0.38	0.30
TiO2	0.89	0.70	0.79	0.87	0.70	0.74
P2O5	0.32	0.17	0.22	0.09	0.07	0.06
CR2O3	-0.01	-0.01	0.01	0.03	0.06	0.04
LOI	1.54	2.00	1.77	1.77	0.77	3.00
TOTAL	100.06	100.25	100.18	99.93	99.70	99.16
Rb	50.00	50.00	50.00	30.00	20.00	10.00
SP	360.00	70.00	130.00	130.00	330.00	70.00
Zr	150.00	150.00	140.00	70.00	50.00	20.00
Y	30.00	30.00	30.00	10.00	40.00	10.00
Au	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
Mo	1.00	1.00	2.00	-1.00	1.00	-1.00
Ni	27.00	39.00	39.00	84.00	120.00	160.00
Cu	43.00	100.00	17.00	120.00	98.00	71.00
Zn	72.00	91.00	36.00	99.00	110.00	110.00
As	0.30	1.00	0.40	0.60	0.40	17.00
Ag	0.50	0.50	0.50	0.50	-0.50	1.00
Pb	20.00	26.00	16.00	18.00	18.00	24.00

KIDD CREEK MINES - WHOLE ROCK DATABASE

CUNNINGHAM 31 SAMPLING 1983

Sample No.	Field No.	Proj Code	Prov	NTS	Township	Rock Description Field Name	Sampled by
AA19809	AA19809	CUNEM	ONT	41010	CUNNINGHAM	VOLCANIC,FELSIC,FINE. MASSIVE. PERVASIVE,SERICITIZATION,MODERATE. NIL,NIL,NO COMMENT.	DAVE MULLEN
AA19810	AA19810	CUNEM	ONT	41010	CUNNINGHAM	VOLCANIC,FELSIC,FINE. TECTONIZED. PERVASIVE,SERICITIZATION,STRONG. NIL,NIL,NO COMMENT.	DAVE MULLEN
AA19811	AA19811	CUNEM	ONT	41010	CUNNINGHAM	VOLCANIC,FELSIC,FINE. MASSIVE. PERVASIVE,SERICITIZATION,MODERATE. NIL,NIL,NO COMMENT.	DAVE MULLEN
AA19812	AA19812	CUNEM	ONT	41010	CUNNINGHAM	VOLCANIC,FELSIC,FINE. MASSIVE. PERVASIVE,CHLORITIZATION,STRONG. DISSEMINATED AND BLEBS.(1%,PYRITE.	DAVE MULLEN
AA19813	AA19813	CUNEM	ONT	41010	CUNNINGHAM	VOLCANICLASTIC,FELSIC,LAPILLI. MASSIVE. PERVASIVE,SERICITIZATION,MODERATE. NIL,NIL,NO COMMENT.	DAVE MULLEN
→ AA19814	AA19814	CUNEM	ONT	41010	CUNNINGHAM	VEIN,CARBONATE,MEDIUM. UNKNOWN. IN VEINS,1-5%,LOOK AT COMMENTS FILE.	DAVE MULLEN

KIDD CREEK MINES-WHOLE ROCK DATABASE

CUNNINGHAM 31 SAMPLING 1983

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SAMP NO. ->	AA19809	AA19810	AA19811	AA19812	AA19813	AA19814
SiO2	66.90	65.70	70.30	47.20	44.10	0.00
Al2O3	15.90	17.20	13.49	13.40	13.80	0.00
Fe2O3	2.86	3.39	4.20	9.25	11.10	0.00
MNO	0.03	0.05	0.09	0.29	0.19	0.00
MGO	1.53	2.05	1.55	4.98	7.32	0.00
CAO	2.71	2.27	1.94	10.90	10.30	0.00
NA2O	7.35	5.47	4.58	2.77	1.48	0.00
K2O	0.43	1.33	1.19	0.39	0.41	0.00
TiO2	0.39	0.44	0.36	0.89	0.73	0.00
P2O5	0.13	0.10	0.08	0.07	0.06	0.00
CR2O3	-0.01	-0.01	-0.01	0.01	0.03	0.00
LOI	1.47	2.31	2.39	9.85	10.47	0.00
TOTAL	99.69	100.30	100.16	100.00	99.99	0.00
RB	30.00	40.00	40.00	10.00	30.00	0.00
SP	530.00	250.00	110.00	130.00	110.00	0.00
ZR	110.00	140.00	80.00	30.00	30.00	0.00
Y	-10.00	-10.00	-10.00	20.00	-10.00	0.00
AU	-2.00	-2.00	-2.00	34.00	-2.00	20.00
MO	1.00	-1.00	1.00	-1.00	-1.00	-1.00
NI	19.00	24.00	21.00	67.00	130.00	18.00
CU	47.00	4.50	4.50	120.00	99.00	27.00
ZN	120.00	25.00	48.00	110.00	86.00	*4.48*
AS	0.50	0.10	0.20	0.40	0.70	0.20
AG	-0.50	-0.50	-0.50	1.00	1.00	2.50
FR	24.00	10.00	12.00	20.00	18.00	6500.00 ←

KIDD CREEK MINES - WHOLE ROCK DATABASE

CUNNINGHAM 31 SAMPLING 1983

Sample No.	Field No.	Proj Code	Prov	NTS	Township	Rock Description Field Name	Sampled by
AA19815	AA19815	CUNBM	ONT	41010	CUNNINGHAM	VOLCANICLASTIC, INTERMEDIATE, LAPILLI. MASSIVE. PERVASIVE, SERICITIZATION, WEAK. DISSEMINATED AND BLEBS, 1-5%, PYRITE.	DAVE MULLEN
AA19816	AA19816	CUNBM	ONT	41010	CUNNINGHAM	SEDIMENTARY, CHERT, CLAY. LAMINATED. PERVASIVE, SILICIFICATION, WEAK. STRINGERS, 1-5%, PYRITE.	DAVE MULLEN
AA19817	AA19817	CUNBM	ONT	41010	CUNNINGHAM	SEDIMENTARY, CHERT, CLAY. LAMINATED. PERVASIVE, SILICIFICATION, WEAK. STRINGERS, 1-5%, PYRITE.	DAVE MULLEN
AA19818	AA19818	CUNBM	ONT	41010	CUNNINGHAM	SEDIMENTARY, CHERT, CLAY. LAMINATED. PERVASIVE, SILICIFICATION, WEAK. DISSEMINATED AND BLEBS, 1-5%, PYRITE.	DAVE MULLEN
AA19819	AA19819	CUNBM	ONT	41010	CUNNINGHAM	SEDIMENTARY, CHERT, CLAY. LAMINATED. PERVASIVE, SILICIFICATION, WEAK. DISSEMINATED AND BLEBS, 1-5%, PYRITE.	DAVE MULLEN
AA19820	AA19820	CUNBM	ONT	41010	CUNNINGHAM	SEDIMENTARY, ARGILLITE, SILT. GRAPHITIC. FRACTURE CONTROLLED, CARBONATIZATION, WEAK. DISSEMINATED AND BLEBS, <1%, PYRRHOTITE.	DAVE MULLEN

KIDD CREEK MINES-WHOLE ROCK DATABASE

CUNNINGHAM 31 SAMPLING 1983

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SAMP NO. ->	AA19815	AA19816	AA19817	AA19818	AA19819	AA19820
SI02	0.00	0.00	0.00	0.00	0.00	0.00
AL2O3	0.00	0.00	0.00	0.00	0.00	0.00
FE2O3	0.00	0.00	0.00	0.00	0.00	0.00
MNO	0.00	0.00	0.00	0.00	0.00	0.00
MGO	0.00	0.00	0.00	0.00	0.00	0.00
CAO	0.00	0.00	0.00	0.00	0.00	0.00
NA2O	0.00	0.00	0.00	0.00	0.00	0.00
K2O	0.00	0.00	0.00	0.00	0.00	0.00
TI02	0.00	0.00	0.00	0.00	0.00	0.00
P2O5	0.00	0.00	0.00	0.00	0.00	0.00
CR2O3	0.00	0.00	0.00	0.00	0.00	0.00
LOI	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00
RB	0.00	0.00	0.00	0.00	0.00	0.00
SR	0.00	0.00	0.00	0.00	0.00	0.00
ZR	0.00	0.00	0.00	0.00	0.00	0.00
Y	0.00	0.00	0.00	0.00	0.00	0.00
AU	-2.00	3.00	9.00	-2.00	6.00	5.00
MO	3.00	3.00	6.00	2.00	3.00	3.00
NI	16.00	26.00	11.00	11.00	11.00	20.00
CU	82.00	93.00	13.00	18.00	91.00	140.00
ZN	620.00	320.00	240.00	110.00	360.00	170.00
AS	7.00	0.60	0.70	6.70	2.50	0.50
AG	1.00	0.50	0.50	-0.50	2.00	0.50
PB	36.00	18.00	56.00	6.00	94.00	44.00

KIDD CREEK MINES - WHOLE ROCK DATABASE

CUNNINGHAM 31 SAMPLING 1983

Sample No.	Field No.	Prot Code	Prov	NTS	Township	Rock Description Field Name	Sampled by
AA19821	AA19821	CUNBM	ONT	41010	CUNNINGHAM	SEDIMENTARY,CHERT,CLAY. LAMINATED. PERVASIVE,SILICIFICATION,WEAK. DISSEMINATED AND BLEBS,1-5%,PYRITE.	DAVE MULLEN
AA19822	AA19822	CUNBM	ONT	41010	CUNNINGHAM	SEDIMENTARY,CHERT,CLAY. LAMINATED. PERVASIVE,SILICIFICATION,WEAK. DISSEMINATED AND BLEBS,1-5%,PYRITE.	DAVE MULLEN
AA19823	AA19823	CUNBM	ONT	41010	CUNNINGHAM	SEDIMENTARY,ARGILLITE,SILT. GRAPHITIC. FRACTURE CONTROLLED,CARBONATIZATION, WEAK. DISSEMINATED AND BLEBS,<1%,PYRRHOTITE.	DAVE MULLEN
AA19824	AA19824	CUNBM	ONT	41010	CUNNINGHAM	SEDIMENTARY,POLYMICITIC CONGLOMERATE, PEBBLE. CLAST SUPPORTED,LOOK AT COMMENTS. PERVASIVE,SILICIFICATION,WEAK. DISSEMINATED AND BLEBS,1-5%, PYRRHOTITE.	DAVE MULLEN
AA19931	AA19931	CUNBM	ONT	41010	CUNNINGHAM	VOLCANIC,MAFIC,FINE. PILLOWED,TECTONIZED,LOOK AT COMMENTS. PERVASIVE,BLEACHING,STRONG. NIL,NIL,NO COMMENT.	RYE
AA19932	AA19932	CUNBM	ONT	41010	CUNNINGHAM	VOLCANIC,MAFIC,FINE. TECTONIZED,LOOK AT COMMENTS. PERVASIVE,CHLORITIZATION,WEAK. DISSEMINATED AND BLEBS,1-5%,PYRITE.	RYE

KIDD CREEK MINES-WHOLE ROCK DATABASE

CUNNINGHAM 31 SAMPLING 1983

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SAMP NO.	AA19821	AA19822	AA19823	AA19824	AA19931	AA19932
SI02	0.00	0.00	0.00	0.00	66.70	58.40
AL2O3	0.00	0.00	0.00	0.00	13.80	13.10
FE2O3	0.00	0.00	0.00	0.00	4.47	14.00
MNO	0.00	0.00	0.00	0.00	0.08	0.33
MGO	0.00	0.00	0.00	0.00	1.90	2.75
CAO	0.00	0.00	0.00	0.00	6.05	5.81
NA2O	0.00	0.00	0.00	0.00	3.00	0.66
K2O	0.00	0.00	0.00	0.00	1.42	1.84
TIO2	0.00	0.00	0.00	0.00	0.59	0.52
P2O5	0.00	0.00	0.00	0.00	0.17	0.13
CR2O3	0.00	0.00	0.00	0.00	0.03	-0.01
LOI	0.00	0.00	0.00	0.00	1.85	2.54
TOTAL	0.00	0.00	0.00	0.00	100.06	100.07
RB	0.00	0.00	0.00	0.00	60.00	70.00
SR	0.00	0.00	0.00	0.00	260.00	70.00
ZR	0.00	0.00	0.00	0.00	80.00	120.00
Y	0.00	0.00	0.00	0.00	-10.00	10.00
AU	-2.00	5.00	3.00	-2.00	4.00	-2.00
MO	-1.00	5.00	7.00	2.00	0.00	0.00
NI	19.00	47.00	49.00	12.00	0.00	0.00
CU	16.00	120.00	130.00	16.00	39.00	17.00
ZN	41.00	110.00	450.00	97.00	65.00	64.00
AS	0.40	3.10	0.60	0.30	0.40	0.10
AG	0.50	0.50	0.50	0.50	-0.50	-0.50
PH	16.00	8.00	18.00	10.00	18.00	12.00

FIND CREEK MINES WHOLE ROCK DATABASE

CUNNINGHAM 31 SAMPLING 1983

Sample No.	Field No.	Proj Code	Prov	NTS	Township	Rock Description Field Name	Sampled by
AA19933	AA19933	CUNBM	ONT	41010	CUNNINGHAM	VOLCANIC,MAFIC,FINE. TECTONIZED,LOOK AT COMMENTS. PERVASIVE,CHLORITIZATION,WEAK. DISSEMINATED AND BLEBS,1-5%,PYRITE.	RYE
AA19934	AA19934	CUNBM	ONT	41010	CUNNINGHAM	VOLCANIC,MAFIC,FINE. TECTONIZED,LOOK AT COMMENTS. PERVASIVE,CHLORITIZATION,WEAK. DISSEMINATED AND BLEBS,<1%,PYRITE.	RYE
AA19935	AA19935	CUNBM	ONT	41010	CUNNINGHAM	VOLCANIC,MAFIC,FINE. TECTONIZED,LOOK AT COMMENTS. FRACTURE CONTROLLED,BLEACHING,WEAK. DISSEMINATED AND BLEBS,<1%,PYRITE.	RYE
AA19935	AA19936	CUNBM	ONT	41010	CUNNINGHAM	VOLCANIC,MAFIC,FINE. TECTONIZED,LOOK AT COMMENTS. PERVASIVE,CHLORITIZATION,WEAK. DISSEMINATED AND BLEBS,<1%,PYRITE.	RYE
AA19937	A1	CUNBM	ONT	41010	CUNNINGHAM	VOLCANICLASTIC,FELSIC,ASH. LOOK AT COMMENTS FILE. PERVASIVE,CHLORITIZATION,WEAK. NIL,NIL,NO COMMENT.	HILL
AA19938	A2	CUNBM	ONT	41010	CUNNINGHAM	VOLCANIC,INTERMEDIATE,FINE. PERVASIVE,SILICIFICATION,WEAK. NIL,NIL,NO COMMENT.	HILL

KIDD CREEK MINES-WHOLE ROCK DATABASE

CUNNINGHAM 31 SAMPLING 1983

SAMP NO.	AA19933	AA19934	AA19935	AA19936	AA19937	AA19938
SI02	0.00	55.70	58.60	60.40	59.90	59.30
AL2O3	0.00	15.50	14.80	14.70	17.10	17.10
FE2O3	0.00	8.79	9.95	9.73	6.69	7.42
MNO	0.00	0.23	0.24	0.13	0.09	0.11
MGO	0.00	5.27	2.51	4.50	2.35	2.73
CAO	0.00	8.75	8.47	5.03	5.20	4.70
NA2O	0.00	3.59	2.07	1.75	4.30	4.79
K2O	0.00	0.63	0.67	0.90	1.01	0.86
TIO2	0.00	0.80	0.73	0.67	0.61	0.60
P2O5	0.00	0.08	0.18	0.13	0.16	0.15
CR2O3	0.00	0.06	0.02	0.02	0.01	0.01
LOI	0.00	0.85	1.16	2.39	2.46	2.70
TOTAL	0.00	100.25	99.40	100.35	99.89	100.47
RB	0.00	30.00	20.00	40.00	30.00	40.00
SP	0.00	150.00	260.00	140.00	120.00	270.00
BR	0.00	50.00	120.00	140.00	120.00	130.00
V	0.00	20.00	20.00	20.00	10.00	10.00
AU	3.00	-2.00	-2.00	3.00	13.00	-2.00
MO	0.00	0.00	0.00	0.00	0.00	0.00
NI	0.00	0.00	0.00	0.00	0.00	0.00
CU	120.00	96.00	59.00	38.00	46.00	10.00
ZN	120.00	120.00	150.00	110.00	49.00	81.00
AS	1.30	0.80	0.50	0.40	0.10	0.20
AG	-0.50	-0.50	0.50	-0.50	-0.50	-0.50
BB	32.00	18.00	28.00	14.00	16.00	16.00

KIND CREEK MINES - WHOLE ROCK DATABASE

CUNNINGHAM 21 SAMPLING 1985

Sample No.	Field No.	Proj Code	Prov	NTS	Township	Rock Description Field Name	Sampled by
AA19939	A3	CUNBM	ONT	41010	CUNNINGHAM	VOLCANIC, INTERMEDIATE, FINE. PERVASIVE, SILICIFICATION, WEAK. NIL, NIL, NO COMMENT.	HILL
AA19940	A4	CUNBM	ONT	41010	CUNNINGHAM	VOLCANIC, INTERMEDIATE, FINE. PERVASIVE, SILICIFICATION, WEAK. NIL, NIL, NO COMMENT.	HILL
AA19941	A6	CUNBM	ONT	41010	CUNNINGHAM	VOLCANIC, MAFIC, FINE. PERVASIVE, CHLORITIZATION, WEAK. NIL, NIL, NO COMMENT.	HILL
AA19942	A16	CUNBM	ONT	41010	CUNNINGHAM	IGNEOUS, MAFIC, MEDIUM. MASSIVE, LOOK AT COMMENTS FILE. PERVASIVE, CHLORITIZATION, WEAK. NIL, NIL, NO COMMENT.	HILL
AA19943	A18	CUNBM	ONT	41010	CUNNINGHAM	VOLCANICLASTIC, MAFIC, ASH. BEDDED, LOOK AT COMMENTS FILE. PERVASIVE, CHLORITIZATION, WEAK. BEDDED, (1% PYRITE).	HILL
AA19944	A19	CUNBM	ONT	41010	CUNNINGHAM	VOLCANICLASTIC, MAFIC, ASH. BEDDED, LOOK AT COMMENTS FILE. PERVASIVE, CHLORITIZATION, WEAK. NIL, NIL, NO COMMENT.	HILL

KIDD CREEK MINES-WHOLE ROCK DATABASE

CUNNINGHAM 31 SAMPLING 1983

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SAME ID. --	AA19939	AA19940	AA19941	AA19942	AA19943	AA19944
SI02	58.40	58.50	61.20	47.40	51.20	52.80
AL2O3	16.80	16.90	15.40	14.80	13.40	14.10
FE2O3	8.71	7.47	6.09	15.40	11.40	11.50
MNO	0.13	0.10	0.16	0.20	0.19	0.19
MGO	2.84	4.47	4.25	5.70	7.29	6.87
CAO	6.63	3.87	6.58	8.02	12.00	10.20
NA2O	3.46	4.98	3.96	3.19	1.54	2.22
K2O	0.58	0.92	0.74	1.10	0.40	0.64
TIO2	0.81	0.63	0.72	2.56	0.63	0.78
FE05	0.13	0.09	0.14	0.60	0.07	0.08
CR2O3	-0.01	-0.01	0.02	0.01	0.04	0.06
LOI	1.77	2.23	1.16	-0.23	1.54	1.00
TOTAL	100.25	100.15	100.42	98.75	99.70	100.44
RB	10.00	30.00	30.00	10.00	30.00	30.00
SP	240.00	220.00	270.00	400.00	110.00	80.00
ZR	130.00	110.00	100.00	180.00	30.00	50.00
Y	20.00	20.00	10.00	40.00	10.00	10.00
AU	-2.00	-2.00	-2.00	-2.00	2.00	-2.00
MO	0.00	0.00	0.00	0.00	0.00	0.00
NI	0.00	0.00	0.00	0.00	0.00	0.00
CU	15.00	17.00	51.00	78.00	130.00	74.00
ZN	96.00	70.00	100.00	150.00	120.00	100.00
AS	0.50	0.20	0.20	0.20	0.40	0.30
AG	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50
PB	12.00	12.00	16.00	16.00	24.00	18.00

KIDD CREEK MINES - WHOLE ROCK DATABASE

CUNNINGHAM 31 SAMPLING 1983

Sample No.	Field No.	Proj Code	Prov	NTS	Township	Rock Description Field Name	Sampled by
AA19945	A20	CUNEM	ONT	41010	CUNNINGHAM	SEDIMENTARY, OXIDE IRON FORMATION, NO COMMENT. BEDDED, LOOK AT COMMENTS. FRACTURE CONTROLLED, CARBONATIZATION, WEAK. NIL, NIL, NO COMMENT.	HILL
AA19946	21	CUNBM	ONT	41010	CUNNINGHAM	SEDIMENTARY, OXIDE IRON FORMATION, NO COMMENT. BEDDED, TECTONIZED. FRACTURE CONTROLLED, CARBONATIZATION, MODERATE. NIL, NIL, NO COMMENT.	HILL
AA19947	A22	CUNBM	ONT	41010	CUNNINGHAM	SEDIMENTARY, OXIDE IRON FORMATION, NO COMMENT. BEDDED. FRACTURE CONTROLLED, CARBONATIZATION, WEAK. NIL, NIL, NO COMMENT.	HILL
AA19948	A23	CUNBM	ONT	41010	CUNNINGHAM	SEDIMENTARY, OXIDE IRON FORMATION, NO COMMENT. BEDDED, TECTONIZED. FRACTURE CONTROLLED, CARBONATIZATION, MODERATE. NIL, NIL, NO COMMENT.	HILL

KIDD CREEK MINES-WHOLE ROCK DATABASE

CUNNINGHAM 31 SAMPLING 1983

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SAMP NO. ->	AA19945	AA19946	AA19947	AA19948
S102	0.00	0.00	0.00	0.00
AL2O3	0.00	0.00	0.00	0.00
FE2O3	0.00	0.00	0.00	0.00
MNO	0.00	0.00	0.00	0.00
MGO	0.00	0.00	0.00	0.00
CAO	0.00	0.00	0.00	0.00
NA2O	0.00	0.00	0.00	0.00
K2O	0.00	0.00	0.00	0.00
TIO2	0.00	0.00	0.00	0.00
P2O5	0.00	0.00	0.00	0.00
CR2O3	0.00	0.00	0.00	0.00
LOI	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00
BR	0.00	0.00	0.00	0.00
SR	0.00	0.00	0.00	0.00
ZR	0.00	0.00	0.00	0.00
Y	0.00	0.00	0.00	0.00
AU	2.00	-2.00	-2.00	-2.00
MO	0.00	0.00	0.00	0.00
NI	0.00	0.00	0.00	0.00
CU	6.50	5.00	5.00	0.50
ZN	91.00	160.00	850.00	320.00
AS	0.50	0.20	0.60	0.20
AG	-0.50	-0.50	-0.50	-0.50
PB	6.00	4.00	350.00	18.00



Ministry of
Northern Affairs
and Mines
Ontario

Report of Work
(Geophysical, Geological,
Geochemical and Expenditures)

W.R.C.
75/86
2.8
Mining



41010NE9103 2.8939 CUNNINGHAM

Ann. -

900

Type of Survey(s) **Assaying** Township or Area **Cunningham Twp.**

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

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

Survey Company **Kidd Creek Mines Limited** Date of Survey (from & to)
Day **10** Mo **82** Day **09** Mo **83** Total Miles of line Cut

Name and Address of Author (of Geo-Technical report)
D. Mullins, Timmins, Ontario & F. Ploeger, Timmins, Ontario

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 reverse side and enter total(s) 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	

RECORDED
MAR 04 1986

Mining Claims Traversed (List in numerical sequence)			Mining Claims Traversed (List in numerical sequence)		
Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
P	641188	60			
	641189	60			
	641193	59.25			
	641352	58.17			

Expenditures (excludes power stripping)

Type of Work Performed **Assaying** (Secd. 77-19)

Performed on Claim(s)
P561776; P641155-214 Inc.
P641352; P642065-76 Inc.
P642133-40 Inc.

Calculation of Expenditure Days Credits

Total Expenditures		Total Days Credits
\$ 3,561.29	÷ 15	= 237.42

Total number of mining claims covered by this report of work. **4**

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.

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
237.42	Mar. 4/86	<i>[Signature]</i>
	Date Approved as Recorded	Branch Director
	<i>[Signature]</i>	

Date **Feb. 28/86** 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
R.A. MacGregor, 134 Palace Dr., Sault Ste. Marie, Ontario

Date Certified **Feb. 28/86** Certified by Signature *[Signature]*

Mining Lands Section

File No 28939

Control Sheet

TYPE OF SURVEY _____ GEOPHYSICAL

_____ GEOLOGICAL

_____ GEOCHEMICAL

EXPENDITURE

MINING LANDS COMMENTS:

See file 28084 for sample locations

J. Hurst

Signature of Assessor

June 18/86.

Date

W.

June 25, 1986

Your File: 25/86
Our File: 2.8939

Mining Recorder
Ministry of Northern Development and Mines
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir:

RE: Assaying submitted under Section 77(19)
of the Mining Act R.S.O. 1980 on Mining
Claims P 561776, et al, in Cunningham
Township

The enclosed statement of assessment work credits for
assaying expenditures has been approved as of the above
date.

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

Yours sincerely,

J.C. Smith, Supervisor
Mining Lands Section

Whitney Block, 6th Floor
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

SH/mc

cc: R.A. MacGregor
134 Palace Drive
Sault Ste. Marie, Ontario
P6B 5H5

Resident Geologist
Timmins, Ontario

Encl.



Recorded Holder
R.A. MacGREGOR

Township or Area
CUNNINGHAM TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <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.	<p>\$3,561.29 SPENT ON ASSAYING SAMPLES TAKEN FROM MINING CLAIMS:</p> <p>P 561776 641155-62-65-66-70 641157 to 160 inclusive 641189 to 193 inclusive 641210-12-13-14 642069-70</p> <p>237.42 DAYS CREDIT ALLOWED WHICH MAY BE GROUPED IN ACCORDANCE WITH SECTION 76(6) OF THE MINING ACT R.S.O. 1980.</p> <p><u>FOR MINING RECORDER'S USE:</u></p> <p>THE WORK ASSIGNMENT FOR EACH OF THE ABOVE LISTED 21 CLAIMS IS 11.3 DAYS PER CLAIM.</p>

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

No credits have been allowed for the following mining claims

not sufficiently covered by the survey insufficient technical data filed

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.

June 6, 1986

File: 2.8939

Mr. R.A. MacGregor
134 Palace Drive
Sault Ste. Marie, Ontario
P6B 5H5

Dear Sir:

RE: Data for Assaying submitted on Mining
Claims P 641188, et al, in Cunningham Township

This will acknowledge receipt of certain material on May 28, 1986. We are still awaiting copies of the assay results (in duplicate). Samples locations (e.g. AA19798) are shown on the geological plans submitted with Report 2.8084, but no results are included with that file.

Please submit this information quoting file 2.8939.

For further information, please contact (Mrs.) Susan Hurst at (416)965-4888.

Yours sincerely,

J.C. Smith, Supervisor
Mining Lands Section

Whitney Block, 6th Floor
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

SH/mc

cc: Mining Recorder
Timmins, Ontario
#75-86

*June 12
M. H. Standing
Recorder
A.*

O. BOX 1110
SAULT STE. MARIE
ONTARIO P6A 5N7

R. A. MACGREGOR, P.ENG.
MINING ENGINEER
134 PALACE DRIVE
SAULT STE. MARIE, ONTARIO
P6B 5H5

OFFICE:
705-949-5928
HOME:
705-949-4250

May 22, 1986

RECEIVED

MAY 28 1986

MINING LANDS SECTION

Ministry of Northern Development & Mines
Mining Lands Section
Whitney Block, 6th Floor
Queens Park
TORONTO, Ontario
M7A 1W3

Attn: Mr. Ray Pichette

Dear Mr. Pichette:

Further to our telephone conversation of May 20/86
I submit the enclosed Certificate re assay expenditures. Items 1
and 2 namely assay results and sample plan with results and locations
you already have from previous submissions-which was verified by a
telephone call to Susan Hurst in April 1986.

I trust this will fulfill your requirements and this
work can now be approved.

Yours truly



Robert A. MacGregor, P. Eng.

RAM/jh

Encl.

P.O. BOX 1110
SAULT STE. MARIE
ONTARIO P6A 5N7

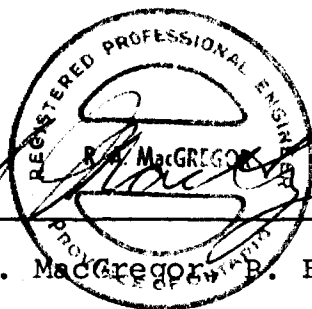
R. A. MACGREGOR, P.ENG.
MINING ENGINEER
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P6B 5H5

OFFICE:
705-949-5928
HOME:
705-949-4250

CERTIFICATE RE ASSAYS PAYMENTS

I hereby certify that the \$3,561.29 expenditure
claimed under Data for Assaying submitted on Mining
Claims P641188 et al in Cunningham Township your file 2.8939
has been paid.

May 22, 1986

A circular professional seal for R.A. MacGregor, a Registered Professional Engineer in Ontario. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER" around the top edge and "PROFESSIONAL ENGINEER OF ONTARIO" around the bottom edge. In the center, the name "R.A. MacGREGOR" is printed, with a handwritten signature over it. A horizontal line is drawn across the seal.

R.A. MacGregor, P. Eng.



Ontario

Ministry of
Northern Development
and Mines

REGISTERED

May 14, 1986

Mr. R.A. MacGregor
134 Palace Drive
Sault Ste. Marie, Ontario
P6B 5H5

Dear Sir:

RE: Data for Assaying submitted on Mining Claims
P 641188, et al, in the Township of Cunningham

Enclosed is a copy of our letter dated April 2, 1986
requesting additional information for the above-mentioned
submission.

Unless you can provide the proof of payment by May 26, 1986
we will have no other alternative but to instruct the mining
recorder to cancel the work credits recorded on March 4, 1986.

For further information, please contact Mr. Ray Pichette at
(416) 965-4888.

Yours sincerely,

J.C. Smith, Supervisor
Mining Lands Section

Whitney Block, 6th Floor
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416)965-4888

SH/mc
cc: Mining Recorder
Timmins, Ontario
#75-86

Encl.

April 2, 1986

File: 2.8939

R.A. MacGregor
134 Palace Drive
Sault Ste. Marie, Ontario
P6B 5H5

Dear Sir:

RE: Data for Assaying submitted
on Mining Claims P 641188,
et al, in Cunningham Township

In order to complete the above-described submission, the following information is required (in duplicate):

1. Assay results
2. Sample location plan showing assay results or sample numbers.
3. Proof of payment, in the form of cancelled cheques or receipts, for the \$3,561.29 expenditure credits claimed.

When submitting this material, please quote file 2.8939.

For further information, please contact Susan Hurst at (416) 965-4888.

Yours sincerely,

J.C. Smith, Supervisor
Mining Lands Section

Whitney Block, 6th Floor
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

SH/mc

Ont. Mining Recorder

*J.C. file 2.8939
for assay results
& maps.*



Ontario

File Copy

Ministry of
Northern Development
and Mines

REGISTERED

2.8939

May 14, 1986

Mr. R.A. MacGregor
134 Palace Drive
Sault Ste. Marie, Ontario
P6B 5H5

Dear Sir:

RE: Data for Assaying submitted on Mining Claims
P 641188, et al, in the Township of Cunningham

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For further information, please contact Mr. Ray Pichette at
(416) 965-4888.

Yours sincerely,

J.C. Smith, Supervisor
Mining Lands Section

Whitney Block, 6th Floor
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416)965-4888

SH/mc
cc: Mining Recorder
Timmins, Ontario
#75-86

Encl.

April 2, 1986

File: 2.8939

R.A. MacGregor
134 Palace Drive
Sault Ste. Marie, Ontario
P6B 5H5

Dear Sir:

RE: Data for Assaying submitted
on Mining Claims P 641188,
et al, in Cunningham Township

In order to complete the above-described submission, the following information is required (in duplicate):

1. Assay results
2. Sample location plan showing assay results or sample numbers.
3. Proof of payment, in the form of cancelled cheques or receipts, for the \$3,561.29 expenditure credits claimed.

When submitting this material, please quote file 2.8939.

For further information, please contact Susan Hurst at (416) 965-4888.

Yours sincerely,

J.C. Smith, Supervisor
Mining Lands Section

Whitney Block, 6th Floor
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

SH/mc
cc: Mining Recorder
Timmins, Ontario
#75/80

*See file 2.8087
for assay results
& maps.*

March 12, 1986

File: 2.8939

Mining Recorder
Ministry of Northern Development and Mines
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir:

We received on March 4, 1986 Data for Assaying on
Mining Claims P 641188, et al, in Cunningham Township.

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

We do not have a copy of the report of work which
is normally filed with your office prior to the
submission of this technical data. Please forward
a copy as soon as possible.

Yours sincerely,

J.C. Smith, Supervisor
Mining Lands Section

Whitney Block, 6th Floor
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

AB/mc

cc: R.A. MacGregor
134 Palace Drive
Sault Ste. Marie, Ontario
P6B 5H5

2.8939

561776	✓		641186	✗		642067	✗
641155	✓		87	✗		68	✗
56	✗		88	✗		69	✓
57	✓		89	✓		70	✓
58	✓		90	✓		71	✗
59	✓		91	✓		72	} 5
60	✓		92	✓		73	
61	✗		93	✓		74	
62	✓		94	✗		75	
63	✗		95	✗		76	
64	✗		96	✗		642133	✗
65	✓		97	✗		34	✗
66	✓		98	✗		35	✗
67	✗		99	✗		36	✗
68	✗		200	✗		37	✗
69	✗		1	✗		38	✗
70	✓		2	✗		39	✗
71	✗		3	✗		40	✗
72	✗		4	✗			
73	✗		5	✗			
74	✗		6	✗			
75	✗		7	✗			
76	✗		8	✗			
77	✗		9	✗			
78	✗		10	✓			
79	✗		11	✗			
80	✗		12	✓			
81	✗		13	✓			
82	✗		14	✓			
83	✗		641352	✗			
84	✗		642065	✗			
85	✗		66	✗			

NOTES

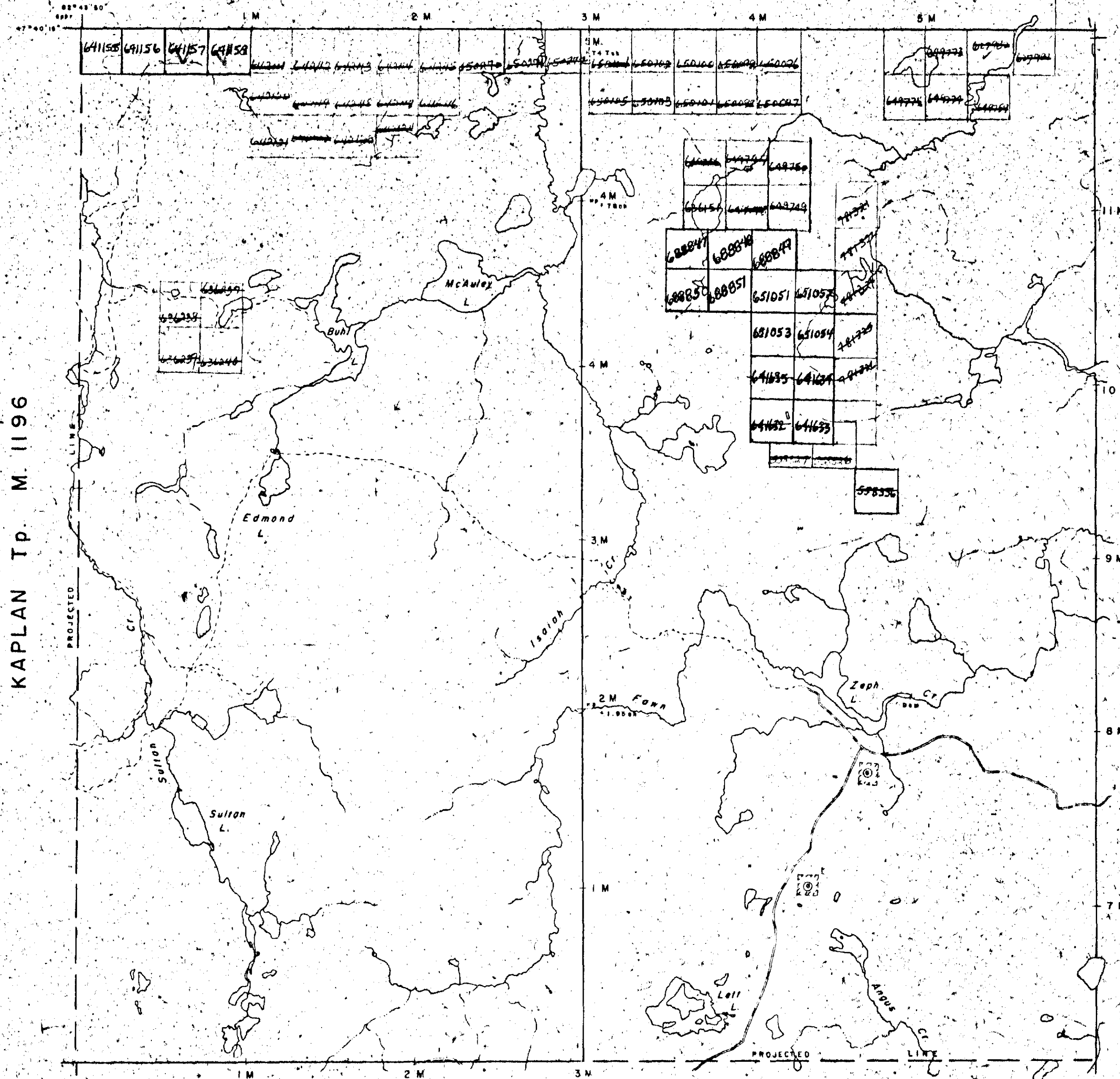
400' surface rights reservation along the shores of all lakes and rivers.

SAND AND GRAVEL

QUARRY PERMIT

CUNNINGHAM Tp. M. 744

GARNET Tp. M. 829

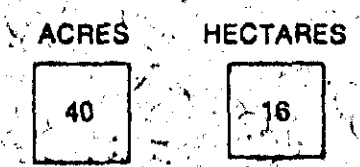
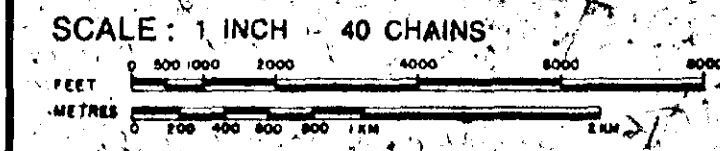


LEGEND

- 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
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES

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 | |
| CROWN LAND SALE | |
| ORDER-IN-COUNCIL | |
| RESERVATION | |
| CANCELLED | |
| SAND & GRAVEL | |



TOWNSHIP

BLAMEY

DISTRICT

SUDBURY

MINING DIVISION

PORCUPINE

Ministry of Natural Resources
 Ontario Surveys and Mapping Branch
 Date 11.7.4 Plan No.

SHIPLEY Tp. M. 1195

M. 668



Swayze Twp. M. 1150

THE TOWNSHIP OF
OF
CUNNINGHAM

DISTRICT OF
SUDBURY

PORCUPINE
MINING DIVISION

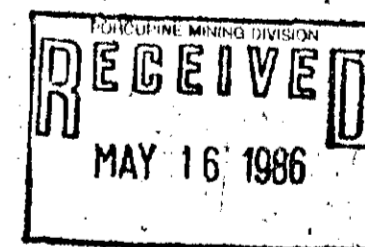
SCALE: 1-INCH=40 CHAINS

LEGEND

PATENTED LAND	Ⓟ
CROWN LAND SALE	C.S.
LEASES	Ⓞ
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 FOR SURFACE RIGHTS ONLY	Ⓟ

NOTES

400 Surface Rights Reservation along the shores of all lakes & rivers



PLAN NO. - **M. 744**

MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

Greenlaw Twp. M. 895

Garnet Twp. M. 829

Blamey Twp. M. 668

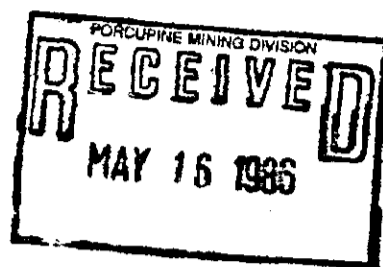


REFERENCES

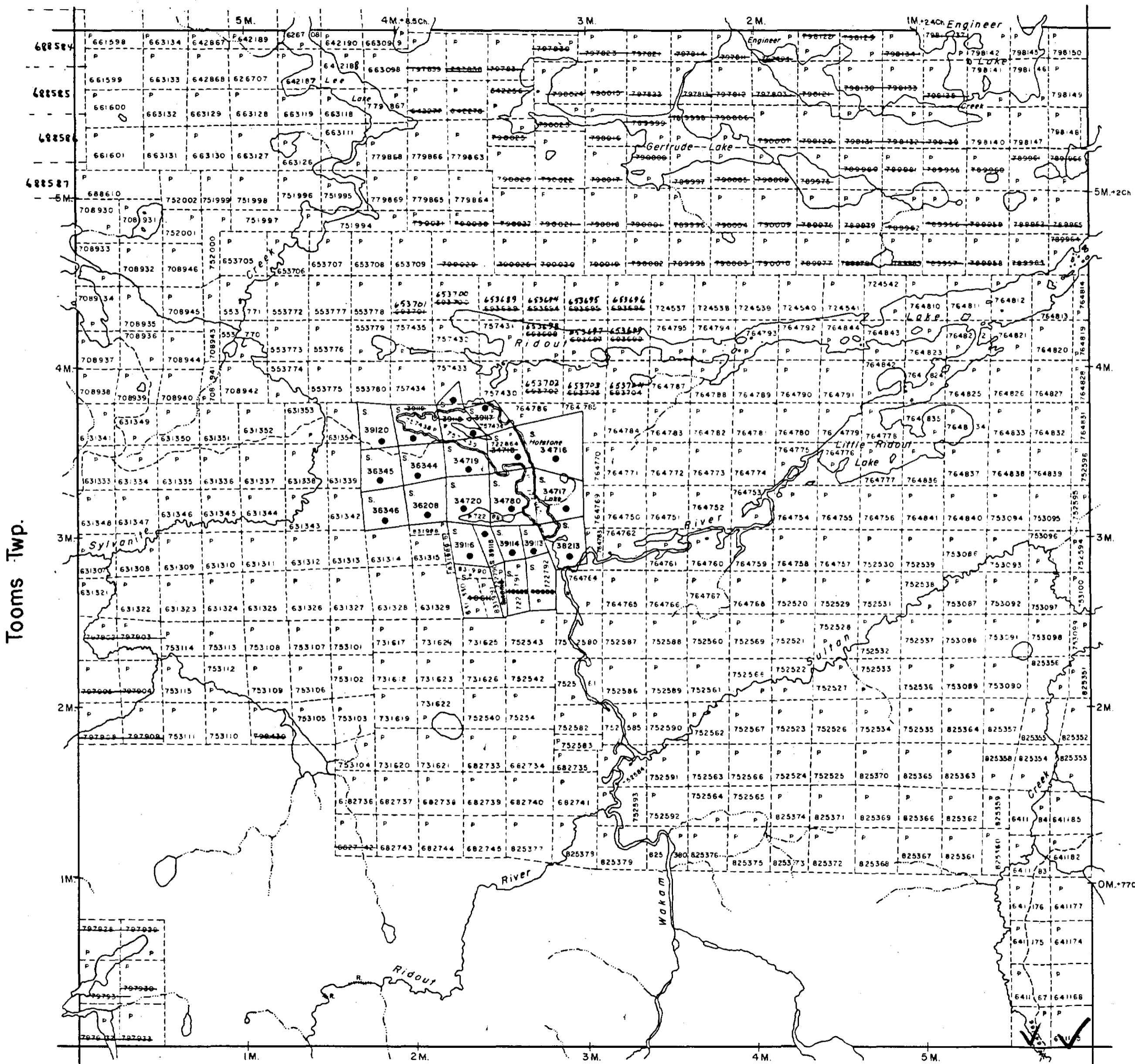
AREAS WITHDRAWN FROM DISPOSITION

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

Description Order No. Date Disposition File



Denyes Twp.



Kaplan Twp.

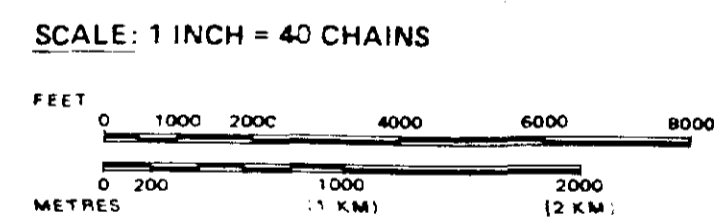
LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINE
- 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 1 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC 1



TOWNSHIP
GREENLAW
 M.N.R. ADMINISTRATIVE DISTRICT
CHAPLEAU
 MINING DIVISION
PORCUPINE
 LAND TITLES / REGISTRY DIVISION
SUDBURY



Date **MARCH, 1985** Number **G-3235**

