REPORT on the GEOLOGICAL EXPLORATION PROGRAM on the PLAYFAIR TOWNSHIP PROPERTY for Wm. WEISFLOCK

Jan. 1990

Joe-Anne G. Salo

INDEX

PURPOSE:

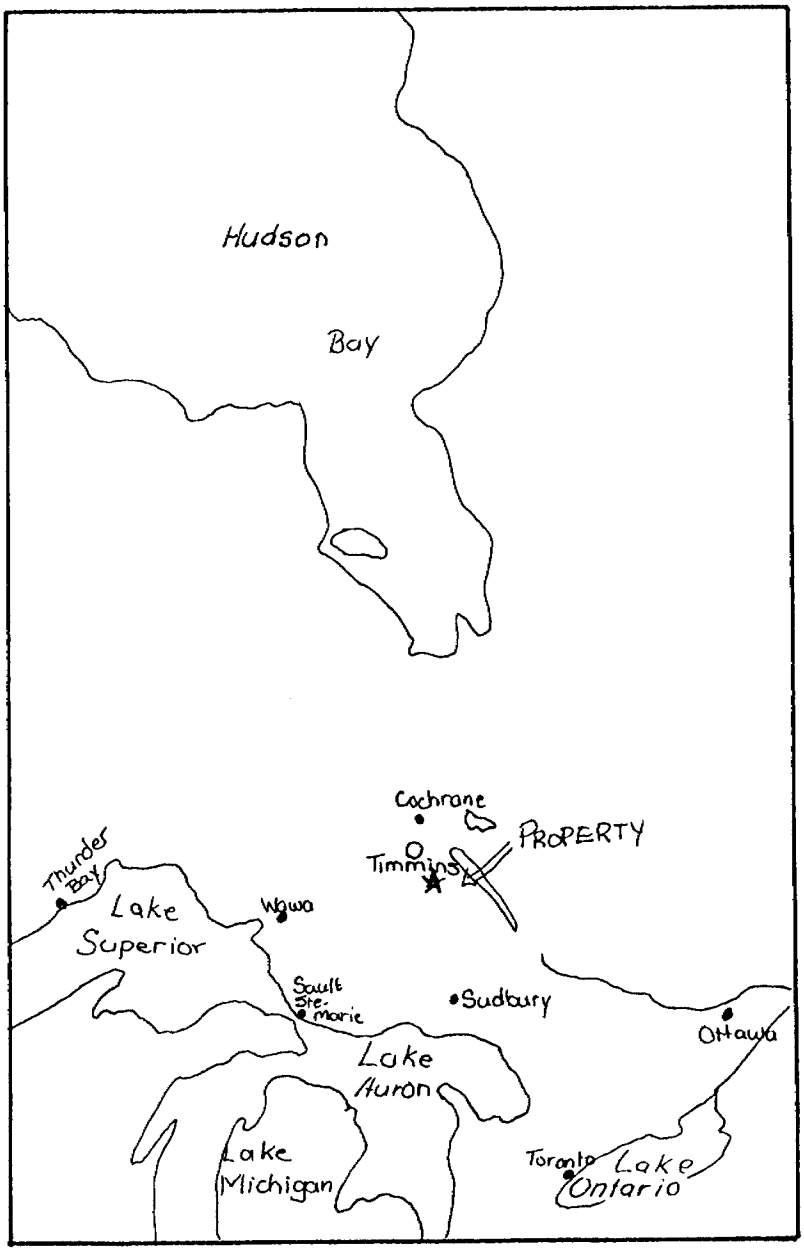
The seven claims were staked on the fall of 1989 by William Weisflock and Larry Salo. The present work peogram is being done on an OPAP grant. All previous work has been concentrated in one area with little or no reasoning or explanations documented. Mr. Weisflock is taking the first step in establishing if there is a mineable property in the area.

INTRODUCTION:

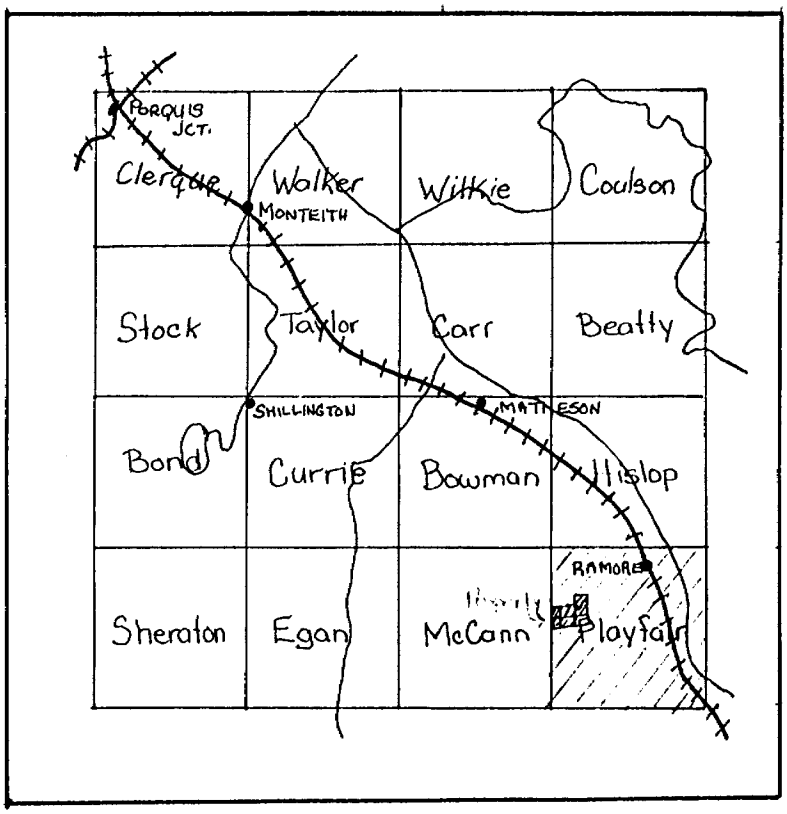
In January of 1990, Joe-Anne Salo, a private contractor was contracted by William Weisflock to perform a geophysical survey and compile reports on the property. The property covered by the program is composed of seven mining claims in Playfair Township, in the Larder Lake Mining Division, Northeastern Ontario.

The program involved a Total Field Magnetometer Survey and plugger/blasting work for assay samples. The survey was carried out on a metric north-south grid in early January 1990. The plugger/blasting work was carried out on the same grid using plotted mag coordinates. Samples were snet to Swastika Laboratories for analysis.

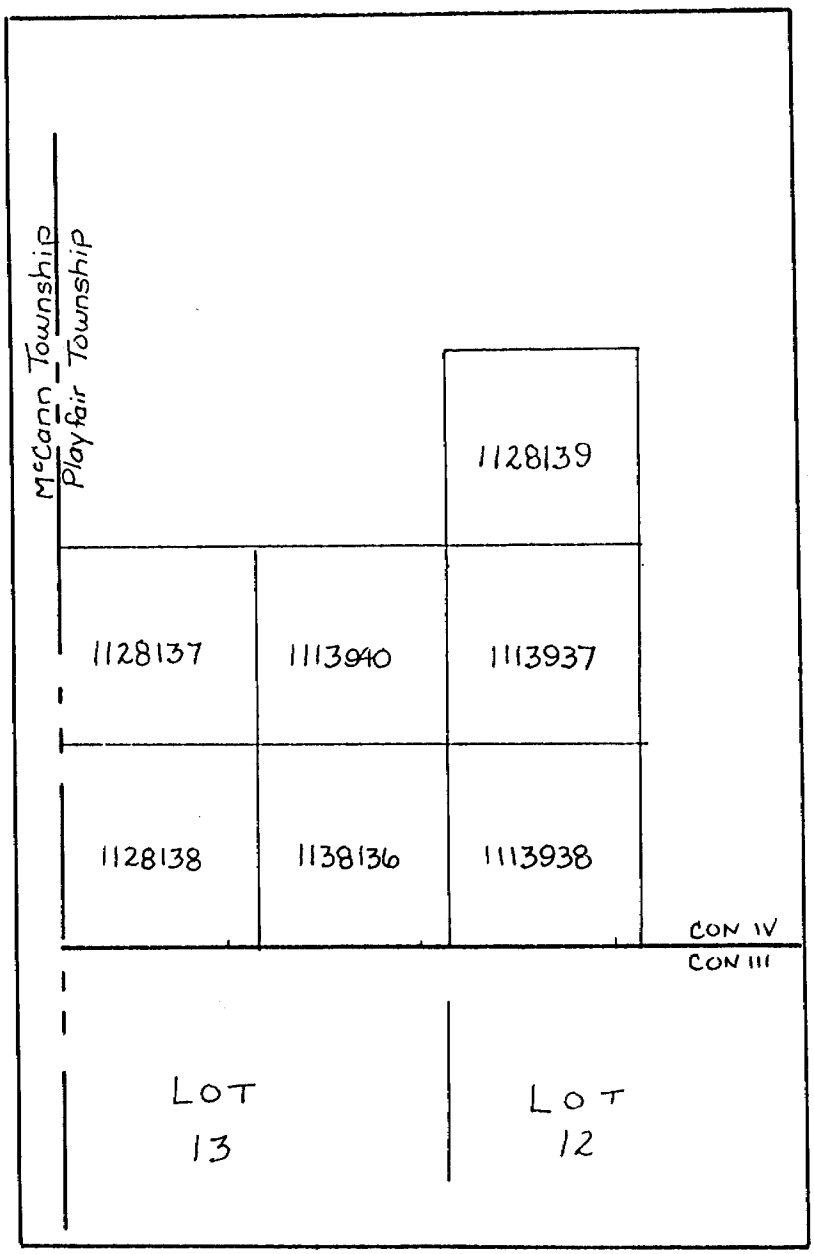
This report describes the methods and results of the program.



Regional Location Map



Property Location Map



Wm. Weisflock Property
Playfair Township

LOCATION AND ACCESS:

The property is a seven claim group in Con IV, Lots 12 and 13 of Playfair Township, tied onto the township line between McCann and Playfair Townships. They are part of the Larder Lake Mining Division.
The group is accessed by travelling Highway 11 out of Timmins to Ramore. Just south of Ramore is a concession road leading to the pipeline pumping station. Travelling this road west for approximately three miles to the end at Wildgoose Creek. Skidoo was used from there for approximately one mile on an old bush road that ends in the center of the property.

PROPERTY DESCRIPTION:

This property has large amounts of exposed outcrops and large visible dykes. The outcrop is very sheared and spikey It seems to be an oval shape in the center of the group. The dyke wall is very visible from Line 6 E looking west and Line 4 E one walks beside and over the dyke. The far east and southern part of the group is tag alders and swamp. The Wildgoose Creek runs through the northern most portion of the claims. This creek is in a very steep valley The topography suggests it was a lot larger at one time. The area is covered with evergreens and birch on the west changing to hardwoods towards Line 3 E and then black spruce and swamp to the east and south east. In the area of Line 1 W and the baseline there id a small swamp between outcrops with cedar bordering the edges.

PAST EXPLORATION:

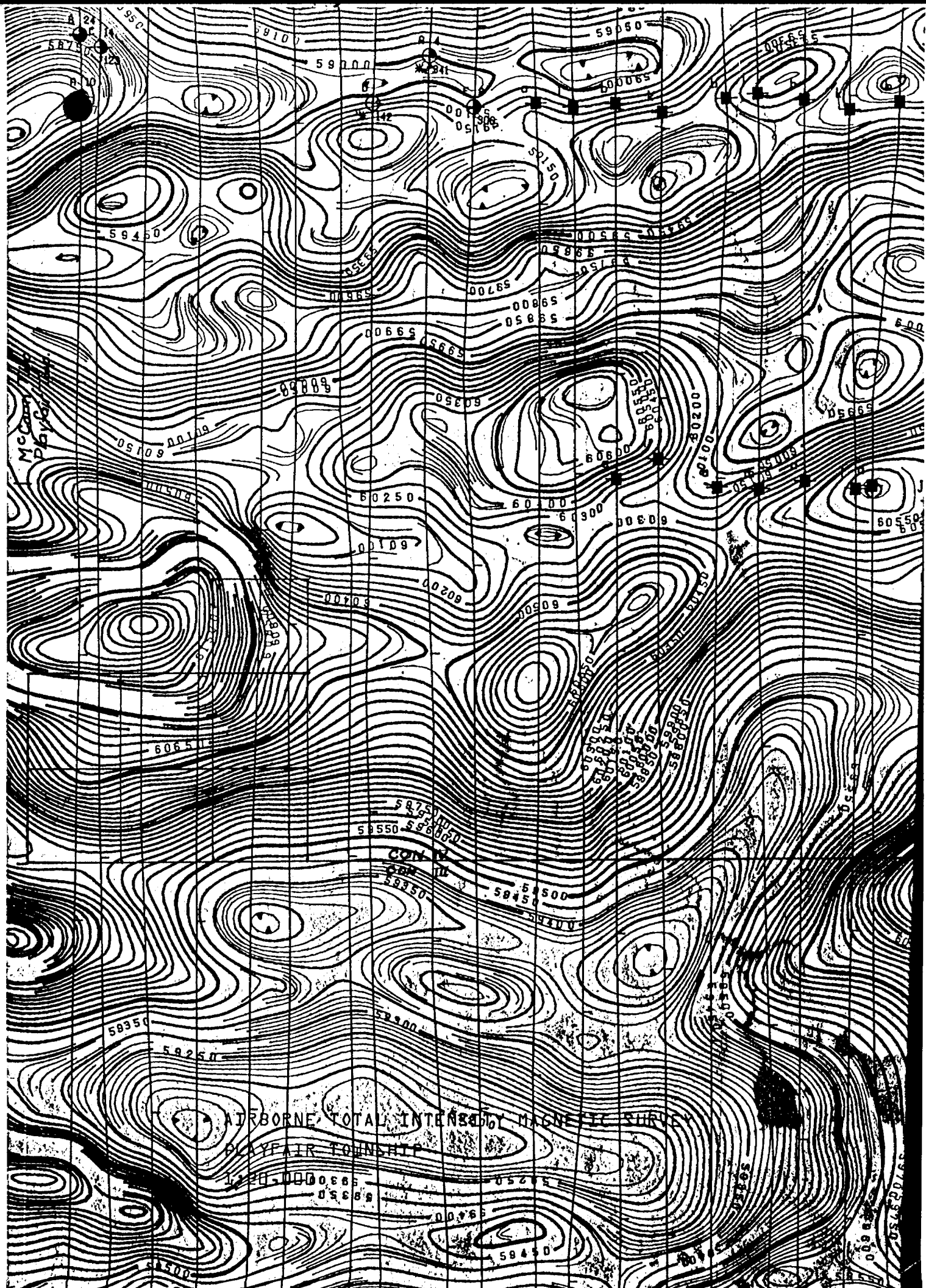
1936- NORANDA MINES- trenching and drilling
1945- TEMPLE GOLD MINES- drilling using Norandas teenches
1973- SHERWIN MINERALS LTD.-Magnetic and geological surveys
-drilling
1975- SPAR HOLDINGS AND EXPLORATION LTD.-geology mapping
Although it is known further exploration has been done by various holders, none has been placed on file.

GENERAL GEOLOGY:

The general geology of the property is Keewatin Greenstone intruded younger granites, porphyries and diabase dykes. The trend of the volcanics is east-west. The volcanics are mainly massive basic flows that form resistive ridges. These are intruded by syenite and diabase dykes.
Fire has pasted through this area in the past, baking the outer surface of the rock. Most areas show signs of ozidization and carbonation. Several quartz stringers and pyrittic veinlets are in evidence, especially near and in the trenches.
An intense regional mapping compilation is provided by L. S. Jensen in 1975. Results and descriptions from samples are on file at the Drill Core Library, Kirkland Lake.
The Ontario Mineral Potential Map P.1517, shows the property to be of High Mineral Potential, showing a focused area of fine grained lacustrine surficial deposit.

METHODS OF SURVEY:

The Total Field Magnetic Survey was carried out between Jan 3 and Jan 11 1990. A proton percession magnetometer was used for the survey and was operated by Joe-Anne Salo of Connaught, Ontario.
A metric grid was used for control during the survey. The grid was cut with north-south running lines centered every 100 meters along an east-west baseline. Pickets were erected along the gridlines at 25 meter centers.
Magnetic readins were taken at every station along the grid lines and baseline. Diurnal drift corrections were controlled by looping grid lines with a predetermined control basestation.


AIRBORNE TOTAL INTENSITY MAGNETIC SURVEY
POCKPAIR TOWNSHIP

SAMPLING:

After the Total Field Magnetic Survey was completed, corrected and mapped, ten areas of contact between mag highs and mag lows were selected. Each of these areas were blasted for sampling.

The station designation was walked to and a trail was packed for easy leaving of the area. The snow was cleared by shovel and or auger. An Atlas Copco Plugger was then used to make holes on one foot in depth. The holes weee filled with Sil-gel 70% sticks and detonated with a timed fuse. Samples from each hole were then selected for the visible potential for assaying. Five more plugger holes and blasts were placed in the existing trenches.

Assay results to follow.

DISCUSSION:

A total of 533 readings were taken during the magnetic survey. Some readings in the northern most section were not done due to the ice conditions of the Wildgoose Creek beigg unsafe to cross. The lowest value obtained was 57328 gammas and the highest was 64939 gammas with the background between 58500 and 59500 gammas. The contouring of the readings show a definite east-west trending of the structure. The areas of outcrop show strong fast changes from high to low.

1. The area between 200 and 400N on lines 3W-2E seem to have a definite anomaly with low centers. Plugger work and blasting should show this to be an economic anomaly and on the contact between greenstone nad intrusives.

2. The 2nd anomaly on Lines 3 and 4 E between 500 and 600N is likely to be reflective of the horneblende syenite intrusives.

3. The south-west and westerly most part of the grid is very flat with the exception of one high and low side by side. This could be caused by the ridge running north-south directly to the west beside the area as the area itself is swampy with overburden.

It is recommended that the areas of previous exploration be re-evaluated on a minor scale and that depending upon assay results, a major work program be carried out in the two anomalis areas mentioned above.

SAMPLE DESCRIPTIONS

C1-951-L 0-375N-B-	Keewatin Volcanics-very fine, scattered sulfides
C1-952-L 0-375N-T-	Keewatin Volcanics-sulfide veinlets and well mineralize
C1-953-L 0-265N-N-	Volcanics with synite intrusives-no visible sulphides
C1-954-L 0-265N-S-	Volcanics with visible sulphides
C1-955-L5W-125N-N-	Volcanics mixed with quartz-visible sulphides and synit
C1-956-L4E-265N-N-	Lamprophyre dyke-Hematite stain
C1-957-L4E-265N-S-	Granite like rock-no sulphides or quartz
C1-958-L4E-635N-NE-	Fine grained diabase- calcitic synite intrusives-v.s.
C1-959-L4E-635N-SE-	Diabase with visible sulphides
C1-960-L2E-265N-S-	Volcanics with granite intrusives-well mineralized
C1-961-L2E-265N-N-	Volcanic-granite contact-very little sulphides
C1-962-L5W-125N-s-	Gabbro like diabase-no sulphides
C1-963-L0 -115S-W-	Volcanics- no sulphides
C1-964-L0 -115S-E-	Volcanics with calcite intrusives
C1-965-L1E-325N-NE-	Keewatin with small mineralized quartz veinlets
C1-966-L1E-385N-NW-	Keewatin with small mineralized quartz veinlets
C1-967- TR#2-	Keewatin volcanics-little mineralization
C1-968-L2W-280N-2-	Volcanics with sulphides- coppery staining
C1-969-L2W-280N-3-	Volcanics with granite intrusives
C1-970-	Soil sample
C1-971-TR#1-QVW-	Volcanics-quartz contact
C1-972-TR#1-QVE-	Mainly quartz with volcanic stringers-massive sulphides on volcanics
C1-973-TR#2-	Volcanics-quartz mixed pyrite and dull silver mineraliz
C1-974-TR#3-	Mineralized Keewatin volcanics and quartz
C1-975-TR#4-	Volcanics with silvery mineralization

THE SCHOOL OF MINES

Haileybury Campus of
Northern College of Applied Arts and Technology

APPENDIX TO REPORT
FIELD PROCEDURE FOR A MAGNETOMETER SURVEY

The Magnetometer deflection depends on the total vertical intensity and is made up of:

a) A large part which does not vary with time or position on the property
b) A small part which varies with time, called the diurnal variation
c) A part which varies over the property, called the anomaly value

It is necessary to eliminate (a) and (b) and to measure (c). The first may be eliminated by subtracting a constant value from all the final calculated values in the survey.

The second may be eliminated by measuring diurnal changes and subtracting them from the results at each station. The residual after these corrections are made is known as the anomaly value.

Setting Up Base Stations

To obtain a graph showing the variation of the magnetic field during a day it is necessary to establish a series of stations over the property whose value is known. These base stations should be so placed that one or another may be conveniently read at least every hour. The base line across a property is useful for a line of such stations, as are tie lines which are not more than one half mile from the base line.

To set out the base stations the following procedure is suggested.

1. Read base A, then B, then C, then D and return to A
2. Read base D, E, F, G and return to B
3. Continue until all base stations are covered
4. Tabulate the results as in the example below -

STATION	TIME	READING GAMMAS	DIURNAL CORRECTION	CORRECTED BASE VALUE
Base A	9.00	1190	0	1190
Base B	9.10	1060	1/4 x 35 = 9	1051
Base C	9.20	828	2/4 x 35 = 18	810
Base D	9.30	1245	27	1228
Base A	9.40	1225	35	1190

Note that base A has increased from 1190 to 1225 in 40 minutes. To bring the value back to 1190 one must subtract 35 gammas. The assumption is made that the increase has been regular hence Base B must have 1/4 x 35 subtracted and so on. A continuation of the calculation is carried out for all base stations.

1.2 EARTH'S MAGNETIC FIELD

Figure 1 shows nominal distribution of Earth's magnetic field in kilogammas, with dotted lines separating equatorial and polar regions. In polar regions an inclination of magnetic field vector is closer to vertical, while in equatorial regions it is nominally horizontal. To obtain the best precession signal and superior quality of operation, the sensor must be aligned accordingly. Orientation line at the side of the sensor should be oriented vertically in polar regions and horizontally in equatorial regions. Although maximum signals are achieved by aligning the sensor orientation line close to the actual direction of the magnetic field, it is generaly not necessary to go beyond horizontal/vertical orientation mentioned above.

Range position on a front panel of the instrument should initially be selected closest to a nominal value of magnetic field shown for particular region in fig.1. As local distributions of magnetic field could be considerably altered, a proper range position should be determined by first valid reading of the magnetometer (first two digits of the display show a real magnetic field value for the place of measurement). During a survey, the field value may change beyond initially used range and the Range switch position should be adjusted accordingly, although the GSM-8 will generally work correctly on several adjacent ranges.

Local ferromagnetic objects like screws, nuts, pocket knives, nickel coins, wristwatches, tools etc. may impair the quality of measurement by modifying the value of local magnetic field being measured or in drastic cases by even destroying the proton precession signal due to excessive gradients. For best results ferromagnetic objects should be kept away from the sensor. NiCd batteries, although slightly magnetic, do not produce visible effect on measurements if the sensor is installed on the staff and kept at arms length away from the operator and the console. For back-pack installation of the sensor a nonmagnetic set of batteries is recommended.

2. SPECIFICATIONS

RESOLUTION:	1 gamma, 0.5 gamma optional
ACCURACY:	±1 gamma over operating range
RANGE:	20,000-100,000 gamma in 23 overlapping steps
GRADIENT TOLERANCE:	Up to 5000 gamma/metre
OPERATING MODES:	MANUAL PUSHBUTTON, new reading every 1.85 sec., display active between readings
	CYCLING, pushbutton initiated, 1.85 sec. period
	SELFTEST, pushbutton controlled, 7 sec. period
OUTPUT:	VISUAL: 5 digit 1 cm (0.4") high Liquid Crystal Display, visible in any ambient light
	DIGITAL: Multiplied precession frequency and gating pulse
	ANALOG: Optional 0-99 or 0-999 gamma
EXTERNAL TRIGGER:	Permits externally triggered operation with periods longer than 1.85 sec. (optional minimum period 0.9 sec.)
POWER REQUIREMENTS:	12V 0.7A peak, 5mA standby
POWER SOURCE:	INTERNAL: 12V 0.75Ah NiCd rechargeable battery 3,000 readings per full charge
	EXTERNAL: 12-18V
BATTERY CHARGER:	Input: 110/220V 50/60Hz; output: 14V 75mA DC
OPERATING TEMPERATURE:	-35 to +55C
DIMENSIONS:	CONSOLE: 15x8x15cm (6x3¼x6")
	SENSOR: 14x7cm dia (5½x3" dia)
	STAFF: 175cm (70") extended, 53cm (21") collapsed, or 4 45cm (18") sections
WEIGHT:	2.7kg (6 lb)

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Established 1928

Certificate of Analysis

Certificate No. 77516 Date Feb.2, 1990

Received Jan. 15, 1990 24 Rock Samples & Soil

Submitted by William Weisflock, Connaught, Ontario.

Proj. #Playfair

SAMPLE NO.	GOLD PPB	PLATINUM PPB	SAMPLE NO.	GOLD PPB	PLATINUM PPB
Cl-951	154/137	<20	Cl-964	24	<20
952	10	<20	965	3	<20
953	10	<20	966	130/141	<20
954	10	<20	967	10	<20
955	21	<20	968	3	<20
956	1	<20	969	1	<20
957	7	<20	971	926	<20
958	2	<20	972	1539	<20
959	7	<20	973	5186	<20
960	110	<20	Second Pulp	4560	
			974	843	<20
961	38	<20	975	38	<20
962	1	<20	970	Nil	<20
963	17	<20			

Per G. Lebel

G. Lebel - Manager /ns

CTA Member Canadian Trading Association

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244, FAX (705)642-3300

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Established 1928

Certificate of Analysis

Certificate No. 77516 - A Date Feb. 14, 1990

Received Jan. 25, 1990 24 Rock Samples

Submitted by Mr. William Weisflock, Connaught, Ontario.

"Semi-Quantitative Multi-Element Analysis"

SAMPLE NO:		C1-951	C1-952	C1-953
Silver	PPM	1.0	6.1	0.9
Arsenic	PPM	27	<10	<10
Boron	%	<0.01	<0.01	<0.01
Barium	PPM	39	188	190
Berillium	PPM	<10	<10	<10
Bismuth	PPM	12	<10	<10
Cadmium	PPM	<10	<10	<10
Cerium	PPM	14	15	11
Cobalt	PPM	63	<10	<10
Chromium	PPM	286	201	220
Copper	PPM	56	36	50
Lanthanum	PPM	61	69	26
Molybdenum	PPM	33	<10	<10
Niobium	PPM	<10	<10	<10
Nickel	PPM	66	68	88
Lead	PPM	218	165	187
Sulphur	%	1.3	4.7	0.2
Antimony	PPM	<10	<10	<10
Selenium	PPM	<10	<10	<10
Tin	PPM	11	<10	<10
Strontium	PPM	62	161	202
Tellurium	PPM	<10	<10	<10

SAMPLE NO:		C1-951	C1-952	C1-953
Thorium	PPM	<10	<10	<10
Uranium	PPM	<10	<10	<10
Vanadium	PPM	302	464	426
Tungsten	PPM	<10	<10	<10
Yttrium	PPM	19	26	26
Zinc	PPM	124	58	97
Zirconium	PPM	87	98	67
Al_2O_3	%	7.6	8.8	10.7
Fe_2O_3	%	11.2	13.2	14.2
CaO	%	7.2	7.5	7.4
MgO	%	5.0	4.2	6.5
Na_2O	%	4.7	5.2	2.8
K_2O	%	0.1	0.1	1.0
TiO_2	%	1.1	1.8	1.2
MnO	%	0.1	0.1	0.1
P_2O_5	%	0.2	0.1	0.05
LOI	%	2.33	3.35	2.09

NOTE: Slight chromium contamination due to use of hard chrome steel pulverizer plates.

Per G. Lebel

G. Lebel - Manager /ns

CTA Member Canadian Testing Association

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244. FAX (705) 642-3300

"Semi-Quantitative Multi-Element Analysis"

SAMPLE NO:		C1-954	C1-955	C1-956
Silver	PPM	<0.1	<0.1	<0.1
Arsenic	PPM	<10	<10	<10
Boron	%	<0.01	<0.01	<0.1
Barium	PPM	308	226	360
Berillium	PPM	<10	<10	<10
Bismuth	PPM	14	<10	<10
Cadmium	PPM	<10	<10	<10
Cerium	PPM	17	<10	11
Cobalt	PPM	55	<10	25
Chromium	PPM	138	531	317
Copper	PPM	32	95	22
Lanthanum	PPM	54	24	82
Molybdenum	PPM	<10	<10	<10
Niobium	PPM	14	<10	<10
Nickel	PPM	54	179	91
Lead	PPM	190	159	202
Sulphur	%	0.1	0.4	0.1
Antimony	PPM	<10	<10	<10
Selenium	PPM	10	<10	17
Tin	PPM	<10	<10	14
Strontium	PPM	329	226	892
Tellurium	PPM	<10	<10	<10

SAMPLE NO:		C1-954	C1-955	C1-956
Thorium	PPM	<10	<10	<10
Uranium	PPM	<10	<10	13
Vanadium	PPM	409	229	198
Tungsten	PPM	<10	<10	13
Yttrium	PPM	35	27	15
Zinc	PPM	59	59	67
Zirconium	PPM	144	67	152
Al_2O_3	%	8.9	11.1	9.7
Fe_2O_3	%	16.5	11.6	9.1
CaO	%	7.0	8.6	8.7
MgO	%	4.0	9.1	5.0
Na_2O	%	4.0	2.1	3.6
K_2O	%	0.6	0.4	0.5
TiO_2	%	2.1	0.7	0.6
MnO	%	0.1	0.1	0.1
P_2O_5	%	0.07	0.1	0.19
LOI	%	1.48	2.17	1.66

NOTE: Slight chromium contamination due to use of hard chrome steel pulverizer plates.

Per G. Lebel

G. Lebel - Manager

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"Semi-Quantitative Multi-Element Analysis"

SAMPLE NO:		C1-957	C1-958	C1-959
Silver	PPM	2.1	0.1	<0.1
Arsenic	PPM	<10	18	17
Boron	%	<0.01	0.01	<0.01
Barium	PPM	3289	202	170
Berillium	PPM	<10	<10	<10
Bismuth	PPM	<10	<10	<10
Cadmium	PPM	<10	<10	<10
Cerium	PPM	<10	11	14
Cobalt	PPM	<10	93	81
Chromium	PPM	279	71	97
Copper	PPM	21	63	81
Lanthanum	PPM	76	21	26
Molybdenum	PPM	<10	<10	<10
Niobium	PPM	<10	<10	10
Nickel	PPM	56	40	86
Lead	PPM	140	370	293
Sulphur	%	0.01	0.5	0.4
Antimony	PPM	<10	<10	15
Selenium	PPM	<10	28	32
Tin	PPM	<10	10	<10
Strontium	PPM	754	193	273
Tellurium	PPM	<10	13	14

SAMPLE NO:		C1-957	C1-958	C1-959
Thorium	PPM	<10	10	17
Uranium	PPM	<10	<10	<10
Vanadium	PPM	183	678	843
Tungsten	PPM	<10	<10	10
Yttrium	PPM	13	28	32
Zinc	PPM	42	261	149
Zirconium	PPM	158	76	69
Al_2O_3	%	9.7	11.0	14.0
Fe_2O_3	%	6.4	17.0	18.0
CaO	%	6.5	8.1	8.8
MgO	%	4.0	6.4	8.4
Na_2O	%	3.5	2.9	3.3
K_2O	%	2.1	0.5	0.4
TiO_2	%	0.5	2.6	2.3
MnO	%	0.1	0.2	0.2
P_2O_5	%	0.03	0.1	0.1
LOI	%	0.83	1.77	2.09

NOTE: Slight chromium contamination due to use of hard chrome steel pulverizer plates.

Per G. Lebel - Manager

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"Semi-Quantitative Multi-Element Analysis"

SAMPLE NO:		C1-960	C1-961	C1-962
Silver	PPM	2.7	1.5	3.9
Arsenic	PPM	<10	<10	14
Boron	%	<0.01	0.01	<0.01
Barium	PPM	259	555	493
Berillium	PPM	<10	<10	<10
Bismuth	PPM	<10	<10	11
Cadmium	PPM	<10	<10	<10
Cerium	PPM	<10	<10	<10
Cobalt	PPM	<10	21	74
Chromium	PPM	138	176	319
Copper	PPM	27	50	98
Lanthanum	PPM	29	28	30
Molybdenum	PPM	<10	<10	10
Niobium	PPM	<10	<10	<10
Nickel	PPM	71	64	212
Lead	PPM	137	141	238
Sulphur	%	0.2	0.3	0.3
Antimony	PPM	<10	<10	22
Selenium	PPM	<10	<10	17
Tin	PPM	<10	<10	<10
Strontium	PPM	252	114	203
Tellurium	PPM	<10	<10	12

SAMPLE NO:		C1-960	C1-961	C1-962
Thorium	PPM	<10	<10	<10
Uranium	PPM	<10	<10	15
Vanadium	PPM	615	573	310
Tungsten	PPM	<10	<10	19
Yttrium	PPM	19	17	14
Zinc	PPM	97	95	73
Zirconium	PPM	70	63	33
Al_2O_3	%	7.5	6.4	11.2
Fe_2O_3	%	15.0	15.1	12.4
CaO	%	6.0	5.4	8.4
MgO	%	4.7	4.3	7.2
Na_2O	%	2.9	2.0	1.4
K_2O	%	0.7	1.4	1.1
TiO_2	%	1.7	1.7	0.5
MnO	%	0.1	0.1	0.1
P_2O_5	%	0.07	0.02	0.2
LOI	%	2.43	2.18	2.07

NOTE: Slight chromium contamination due to use of hard chrome steel pulverizer plates.

Per G. Lebel - Manager /ns

"Semi-Quantitative Multi-Element Analysis"

SAMPLE NO:		C1-963	C1-964	C1-965
Silver	PPM	2.7	1.9	5.2
Arsenic	PPM	19	<10	<10
Boron	%	<0.01	<0.01	<0.01
Barium	PPM	174	228	272
Berillium	PPM	<10	<10	<10
Bismuth	PPM	<10	<10	<10
Cadmium	PPM	14	<10	<10
Cerium	PPM	14	11	11
Cobalt	PPM	78	35	91
Chromium	PPM	715	592	97
Copper	PPM	128	114	116
Lanthanum	PPM	26	22	22
Molybdenum	PPM	14	<10	<10
Niobium	PPM	10	<10	<10
Nickel	PPM	178	717	80
Lead	PPM	240	199	284
Sulphur	%	0.4	0.2	0.6
Antimony	PPM	16	<10	<10
Selenium	PPM	24	17	35
Tin	PPM	<10	<10	14
Strontium	PPM	105	128	228
Tellurium	PPM	14	<10	<10

SAMPLE NO:		C1-963	C1-964	C1-965
Thorium	PPM	<10	<10	<10
Uranium	PPM	15	<10	<10
Vanadium	PPM	341	362	999
Tungsten	PPM	21	<10	<10
Yttrium	PPM	14	14	30
Zinc	PPM	103	73	102
Zirconium	PPM	41	41	66
Al_2O_3	%	10.2	10.4	15.2
Fe_2O_3	%	12.9	12.2	19.5
CaO	%	8.5	7.3	10.2
MgO	%	8.6	7.4	9.6
Na_2O	%	1.1	1.7	2.7
K_2O	%	0.4	0.5	0.7
TiO_2	%	0.9	0.8	2.2
MnO	%	0.2	0.1	0.1
P_2O_5	%	0.1	0.07	0.1
LOI	%	1.73	3.14	1.45

NOTE: Slight chromium contamination due to use of hard chrome steel pulverizer plates.

Per G. Lebel - Manager

CTA Member Canadian Testing Association

Established 1928

"Semi-Quantitative Multi-Element Analysis"

SAMPLE NO:		C1-966	C1-967	C1-968
Silver	PPM	1.7	<0.1	<0.1
Arsenic	PPM	19	<10	<10
Boron	%	0.06	0.01	<10
Barium	PPM	154	109	262
Berillium	PPM	<10	<10	<10
Bismuth	PPM	12	<10	<10
Cadmium	PPM	25	<10	<10
Cerium	PPM	<10	<10	10
Cobalt	PPM	122	<10	15
Chromium	PPM	147	191	168
Copper	PPM	130	33	138
Lanthanum	PPM	28	28	25
Molybdenum	PPM	11	<10	<10
Niobium	PPM	11	<10	<10
Nickel	PPM	118	63	85
Lead	PPM	240	165	181
Sulphur	%	0.6	0.1	0.2
Antimony	PPM	<10	<10	<10
Selenium	PPM	<10	<10	<10
Tin	PPM	<10	<10	<10
Strontium	PPM	208	274	195
Tellurium	PPM	18	<10	<10

SAMPLE NO:		C1-966	C1-967	C1-968
Thorium	PPM	<10	<10	<10
Uranium	PPM	<10	<10	<10
Vanadium	PPM	1018	444	484
Tungsten	PPM	19	<10	<10
Yttrium	PPM	24	19	28
Zinc	PPM	115	81	149
Zirconium	PPM	66	52	70
Al_2O_3	%	10.0	8.5	10.0
Fe_2O_3	%	21.0	14.0	15.0
CaO	%	11	3.4	6.8
MgO	%	6.9	5.0	6.3
Na_2O	%	1.6	3.6	1.8
K_2O	%	0.7	0.3	0.8
TiO_2	%	2.4	1.4	1.9
MnO	%	0.2	0.1	0.1
P_2O_5	%	0.1	0.08	0.1
LOI	%	1.46	2.44	1.29

NOTE: Slight chromium contamination due to use of hard chrome steel pulverizer plates.

Per G. Lebel

G. Lebel - Manager

Swastika Laboratories Certificate No. 77516 - A Page -7-

"Semi-Quantitative Multi-Element Analysis"

SAMPLE NO:		C1-969	C1-971	C1-972
Silver	PPM	<0.1	<0.1	<0.1
Arsenic	PPM	<10	<10	<10
Boron	%	<10	<10	<10
Barium	PPM	250	66	33
Berillium	PPM	<10	<10	<10
Bismuth	PPM	<10	<10	<10
Cadmium	PPM	<10	<10	<10
Cerium	PPM	<10	15	14
Cobalt	PPM	14	10	24
Chromium	PPM	210	269	880
Copper	PPM	68	52	23
Lanthanum	PPM	20	45	34
Molybdenum	PPM	<10	<10	<10
Niobium	PPM	<10	<10	<10
Nickel	PPM	89	264	69
Lead	PPM	242	191	126
Sulphur	%	0.2	2.3	1.7
Antimony	PPM	<10	<10	<10
Selenium	PPM	<10	<10	<10
Tin	PPM	<10	<10	<10
Strontium	PPM	146	50	15
Tellurium	PPM	<10	<10	<10

SAMPLE NO:		C1-969	C1-971	C1-972
Thorium	PPM	<10	16	<10
Uranium	PPM	<10	<10	14
Vanadium	PPM	375	336	74
Tungsten	PPM	<10	<10	<10
Yttrium	PPM	30	18	<10
Zinc	PPM	210	125	18
Zirconium	PPM	74	153	49
Al_2O_3	%	14.0	8.8	2.9
Fe_2O_3	%	17.0	12.0	4.5
CaO	%	8.8	3.5	0.7
MgO	%	9.5	10.7	1.4
Na_2O	%	2.3	0.9	0.7
K_2O	%	0.3	0.2	0.3
TiO_2	%	2.1	0.5	0.2
MnO	%	0.2	0.1	0.03
P_2O_5	%	0.07	0.2	0.02
LOI	%	2.15	6.04	2.17

NOTE: Slight chromium contamination due to use of hard chrome steel pulverizer plates.

Per G. Lebel - Manager

CTA Member Canadian Testing Association

Established 1928

"Semi-Quantitative Multi-Element Analysis"

SAMPLE NO:		C1-973	C1-974	C1-975
Silver	PPM	1.5	<0.1	2.1
Arsenic	PPM	<10	30	13
Boron	%	<10	<10	<10
Barium	PPM	265	103	84
Berillium	PPM	<10	<10	<10
Bismuth	PPM	<10	20	14
Cadmium	PPM	<10	12	<10
Cerium	PPM	<10	18	10
Cobalt	PPM	<10	103	90
Chromium	PPM	818	515	751
Copper	PPM	23	87	26
Lanthanum	PPM	31	36	40
Molybdenum	PPM	<10	10	<10
Niobium	PPM	<10	<10	<10
Nickel	PPM	61	79	75
Lead	PPM	66	237	146
Sulphur	%	3.4	1.2	3.5
Antimony	PPM	<10	14	<10
Selenium	PPM	<10	19	<10
Tin	PPM	<10	<10	<10
Strontium	PPM	22	61	61
Tellurium	PPM	<10	16	<10

SAMPLE NO:		C1-973	C-974	C1-975
Thorium	PPM	<10	<10	<10
Uranium	PPM	<10	<10	11
Vanadium	PPM	121	435	145
Tungsten	PPM	<10	22	<10
Yttrium	PPM	10	25	12
Zinc	PPM	<10	72	27
Zirconium	PPM	38	63	47
Al_2O_3	%	3.1	11.0	5.0
Fe_2O_3	%	6.7	11.0	7.6
CaO	%	2.6	3.8	2.0
MgO	%	2.0	6.3	2.3
Na_2O	%	0.9	4.7	2.2
K_2O	%	0.2	0.4	0.5
TiO_2	%	0.4	1.0	0.4
MnO	%	0.5	0.1	0.04
P_2O_5	%	0.01	0.1	0.09
LOI	%	2.77	1.72	2.58

NOTE: Slight chromium contamination due to use of hard chrome steel pulverizer plates.

Per G. Lebel - Manager

CTA Member Canadian Testing Association

Established 1928

"Semi-Quantitative Multi-Element Analysis"

SAMPLE NO:		C1-970	SAMPLE NO:		C1-970
Silver	PPM	<0.1	Thorium	PPM	<10
Arsenic	PPM	<10	Uranium	PPM	<10
Boron	%	<10	Vanadium	PPM	<59
Barium	PPM	883	Tungsten	PPM	<10
Berillium	PPM	<10	Yttrium	PPM	<10
Bismuth	PPM	<10	Zinc	PPM	<10
Cadmium	PPM	<10	Zirconium	PPM	75
Cerium	PPM	<10	Al_2O_3	%	8.3
Cobalt	PPM	<10	Fe_2O_3	%	1.4
Chromium	PPM	23	CaO	%	1.6
Copper	PPM	22	MgO	%	0.4
Lanthanum	PPM	42	Na_2O	%	2.0
Molybdenum	PPM	<10	K_2O	%	1.8
Niobium	PPM	<10	TiO_2	%	0.2
Nickel	PPM	19	MnO	%	0.07
Lead	PPM	130	P_2O_5	%	0.04
Sulphur	%	<0.1	LOI	%	7.39
Antimony	PPM	<10			
Selenium	PPM	<10			
Tin	PPM	<10			
Strontium	PPM	324			
Tellurium	PPM	<10			

NOTE: Slight chromium contamination due to use of hard chrome steel pulverizer plates.

Per G. Lebel

G. Lebel - Manager

Ministry of Northern Development and Mines

Ontario

Mining Claim

Mining Act

Claim No. L 1128136

Recorded in the Name of	Licence No.	Date Recorded
William Weisflock	M-23582	December 4, 1989

Address	Date and Time of Staking	P.T.
General Delivery CONNAUGHT, Ont. P0N 1A0	November 10, 1989 at 8:00 a.m.	X

Office Use Only Assessment Work Credits Assigned to other Claims	Days Recorded	Balance

Description of Claim

PLAYFAIR TWP. (M-381)
SE 1/4 of S 1/2, Lot 13, Conc. 1V
Former L 1036533

Reservations - 400 foot Surface Rights reservation around all lakes and rivers. Sand, gravel and peat reserved.

File No. L 1128136

Date	Days Work	

[illegible] to be considered [illegible] validity of the

JAN 26 1990

M. A. Wiseman

LAND[illegible]

840 (87/7)

676263

Ministry of Northern Development and Mines

Ontario

Mining Claim

Mining Act

Claim No.
L 1128137

Recorded in the Name of
William Weisflock

Licence No.
M-23582

Date Recorded
December 4, 1989

Address
General Delivery
CONNAUGHT, Ont. PON 1AO

Date and Time of Staking
November 10, 1989
at 9:30 a.m.

P.T.
X

Office Use Only	Days Recorded	Balance
Assessment Work Credits Assigned to other Claims		

Description of Claim
PLAYFAIR TWP. (M-381)
NW 1/4 of S 1/2, Lot 13, Conc.1V
Former L 1035049

Reservations - 400 foot Surface Rights reservation around all lakes and rivers. Sand, gravel and peat reserved.

File No.
L 1128136

Date	Days Work	

840 (87/7)

676264

Ministry of Northern Development and Mines

Ontario

Mining Claim

Mining Act

Claim No.
L 1128138

Recorded in the Name of
William Weisflock

Licence No.
M-23582

Date Recorded
December 4, 1989

Address
General Delivery
CONNAUGHT, Ont. P0N 1A0

Date and Time of Staking
November 10, 1989
at 11:00 a.m.

P.T.
X

Office Use Only	Days Recorded	Balance
Assessment Work Credits Assigned to other Claims		

Description of Claim
PLAYFAIR TWP. (M-381)
SW 1/4 of S 1/2, Lot 13, Conc.1V
Former L 1036532

Reservations - 400 foot Surface Rights reservation around all lakes and rivers. Sand, gravel and peat reserved.

File No.
L 1128136

Date	Days Work	

840 (87/7)

676265

Ministry of Northern Development and Mines

Ontario

Mining Claim

Mining Act

Claim No.
L 1128139

Recorded in the Name of
William Weisflock

Licence No.
M-23582

Date Recorded
December 4, 1989

Address
General Delivery
CONNAUGHT, Ont. P0N 1A0

Date and Time of Staking
November 10, 1989
at 3:30 p.m.

P.T.
X

Office Use Only	Days Recorded	Balance
Assessment Work Credits Assigned to other Claims		

Description of Claim

PLAYFAIR TWP. (M-381)
SW 1/4 of N 1/2, Lot 12, Conc. IV
Former L 1035046

Reservations - 400 foot Surface Rights reservation around all lakes and rivers. Sand, gravel and peat reserved.

Other reservations under the Mining Act may apply

File No.
L 1128136

Date	Days Work	

840 (87/7)

676266

Ministry of Northern Development and Mines

Ontario

Mining Claim

Mining Act

Claim No.
L 1113937

Recorded in the Name of
Darry John Salo

Licence No.
M-20010

Date Recorded
December 4, 1989

Address
General Delivery
CONNAUGHT, Ontario PON 1AO

Date and Time of Staking
November 1, 1989
at 8:30 a.m.

P.T.
X

Office Use Only	Days Recorded	Balance
Assessment Work Credits Assigned to other Claims		

Description of Claim
PLAYFAIR TOWNSHIP (M-381)
NW 1/4 of S 1/2, Lot 12, Conc. IV
Former L1035051

Reservations - 400 foot Surface Rights reservation around all lakes and rivers. Sand, gravel and peat reserved.

File No.
L 1113937

Date	Days Work	

840 (87/7)

676260

Ministry of Northern Development and Mines

Ontario

Mining Claim

Mining Act

Claim No.
L 1113938

Recorded in the Name of	Licence No.	Date Recorded
Larry John Salo	M-20010	December 4, 1989

Address	Date and Time of Staking	P.T.
General Delivery CONNAUGHT, Ontario P0N 1A0	November 1, 1989 at 10:45 a.m.	X

Office Use Only Assessment Work Credits Assigned to other Claims	Days Recorded	Balance

Description of Claim

PLAYFAIR TOWNSHIP (M-381)
SW 1/4 of S 1/2, Lot 12, Conc. 1V
Former L1036534

Reservations - 400 foot Surface Rights reservation around all lakes and rivers. Sand, gravel and peat reserved.

File No.
L 1113937

Date	Days Work	

840 (87/7)

676261

Ministry of Northern Development and Mines

Ontario

Mining Claim

Mining Act

Claim No.
L 1113940

Recorded in the Name of
Larry John Salo

Licence No.
M-20010

Date Recorded
December 4, 1989

Address
General Delivery
CONNAUGHT, Ontario P0N 1A0

Date and Time of Staking
November 1, 1989
at 1:00 p.m.

P.T.
X

Office Use Only Assessment Work Credits Assigned to other Claims	Days Recorded	Balance

Description of Claim
PLAYFAIR TOWNSHIP (M-381)
NE 1/4 of S 1/2, Lot 13, Conc. 1V
Former L1035050

Reservations - 400 foot Surface Rights reservation around all lakes and rivers. Sand, gravel and peat reserved.

File No.
L 1113937

Date	Days Work	

840 (87/7)

676262

STATEMENT OF QUALIFICATIONS

I, Joe-Anne G. Salo, of Lot 2 Con. 6, German Township, In the Village of Connaught, The City of Timmins, the District of Cochrane, do hereby declare and put forth the following qualifications for demonstrating Professional Competence Equivalence concerning Playfair Township Property, for William Weisflock and dated Dec 3/90.

1. I am a graduate of grade thirteen from Dunbarton High School in Pickering, Ontario 1976
2. I am a M.R.C. graduate from Centennial College in Scarborough, Onatrio 1978.
3. Geological-Technical Course- H.Z. Tittley 1982
4. Geological Drafting Course- Hollinger Mines Ltd., 1983
5. I am a self taught prospector, studying geology and working continuously since May 19080.
6. Field School in Mining Geophysics- Haileybury School of Mines 1990
7. I have no interest in the Weisflock Property in Playfair twp., and will receive no further interest other than my fees/

Joe-Anne G. Salo

J G Salo

Ministry of Northern Development and Mines

Ontario

DOCUMENT NO. W9008.334

M.L.

42A08NW0203 2.13734 PLAYFAIR

900

Report of Work

Mining Act

(Geophysical, Geological and Geochemical Surveys)

Mining Lands Section, Mineral Development and Lands Branch:

Type of Survey(s): Total Field Magnetometer	Mining Division: Larder Lake	Township or Area: Playfair Twp
Recorded Holder(s): Wm Weisflock - 2 Sets		Prospector's Licence No.: M23582-M23610
Address: R2 Connaught Ontario		Telephone No.: 363-2190 - 363-2108
Survey Company: G Sets		
Name and Address of Author (of Geo-Technical Report): G Sets Ken Del Connaught Ontario	2.13734	Date of Survey (from & to): 03 01 90 (Day, Mo., Yr.) 11 01 90 (Day, Mo., Yr.)

Credits Requested per Each Claim in Columns at right

		Days per Claim
Special Provisions For first survey: Enter 40 days. (This includes line cutting) For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical - Electromagnetic	
	Geophysical - Magnetometer	40
	Geophysical - Other	
	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical - Electromagnetic	
	Geophysical - Magnetometer	
	Geophysical - Other	
	Geological	
	Geochemical	
Airborne Credits **Note:** Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Other	

Total miles flown over claim(s).

Date: Jan. 24/90 — Recorded Holder or Agent (Signature): W Weisflock

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Mining Claim Prefix	Mining Claim Number	Mining Claim Prefix	Mining Claim Number
L	1113937				
L	1113938				
L	1113940				
L	1128136				
L	1128137				
L	1128138				
L	1128139				

RECEIVED
NOV 05 1990
MINING LANDS SECTION

ONTARIO GEOLOGICAL SURVEY GIS - ASSESSMENT FILES
MAY 27 1991
RECEIVED

Total number of mining claims covered by this report of work: 7

Certification Verifying Report of Work

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

Name and Address of Person Certifying: Jo-Anne G Sets, Ken Del Connaught — Telephone No.: 363-2108 — Date: Jan 24/90 — Certified By (Signature): J G Sets

For Office Use Only

Received Stamp: RECEIVED LARDER LAKE MINING DIVISION OCT 5 1990 TIME 9:04 am

Total Days Cr. Recorded	Date Recorded	Mining Recorder
280	Oct 5/90	
	Date Approved as Recorded: April 12/91	Provincial Manager, Mining Lands

1362 (89/06)

4/5

Ministry of Northern Development and Mines

Ontario

Geophysical-Geological-Geochemical Technical Data Statement

File _____

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Total Field Magnetometer Survey

Township or Area Playfair Township

Claim Holder(s) W. Weisflock

L. Salo

Survey Company Joe Anne Salo

Author of Report Joe Anne Salo **2.1373**

Address of Author Box 1061 Cobalt Ont.

Covering Dates of Survey Dec 15/89 Jan 20/90
(linecutting to office)

Total Miles of Line Cut 13.6 kilometers

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
--Electromagnetic	
--Magnetometer	40
--Radiometric	
--Other	
Geological	
Geochemical	

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: Jan 20/90 SIGNATURE: J.J. Salo
Author of Report or Agent

Res. Geol. _____ Qualifications 2.13216

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

4 (prefix) (number)
L. 1113937
L. 1113938
L. 1113940
L. 1128136
L 1128137
L 1128138
L 1128139

RECEIVED
DEC 05 1990
MINING LANDS SECTION

TOTAL CLAIMS 7

If space insufficient, attach list

OFFICE USE ONLY

837 (85/12)

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations 545 Number of Readings 533

Station interval 25 meters Line spacing 100 meters.

Profile scale

Contour interval 500 gammas for background 100 gammas for anomalies

MAGNETIC

Instrument

Accuracy – Scale constant ± 1

Diurnal correction method

Base Station check-in interval (hours) 2 hours.

Base Station location and value 2 7E 6175 N

ELECTROMAGNETIC

Instrument

Coil configuration

Coil separation

Accuracy

Method: ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency
(specify V.L.F. station)

Parameters measured

GRAVITY

Instrument

Scale constant

Corrections made

Base station value and location

Elevation accuracy

INDUCED POLARIZATION RESISTIVITY

Instrument

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time Frequency

– Off time Range

– Delay time

– Integration time

Power

Electrode array

Electrode spacing

Type of electrode

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

_____

Corrections made _____

_____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

_____

Additional information (for understanding results) _____

_____

_____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

_____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken _____

_____

_____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

_____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

_____

Drainage Development _____

Estimated Range of Overburden Thickness _____

_____

_____

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

_____

_____

_____

General _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☐
p. p. b. ☐

Cu, Pb, Zn, Ni, Co, Ag, Mo, As,-(circle)

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____

_____

_____

_____

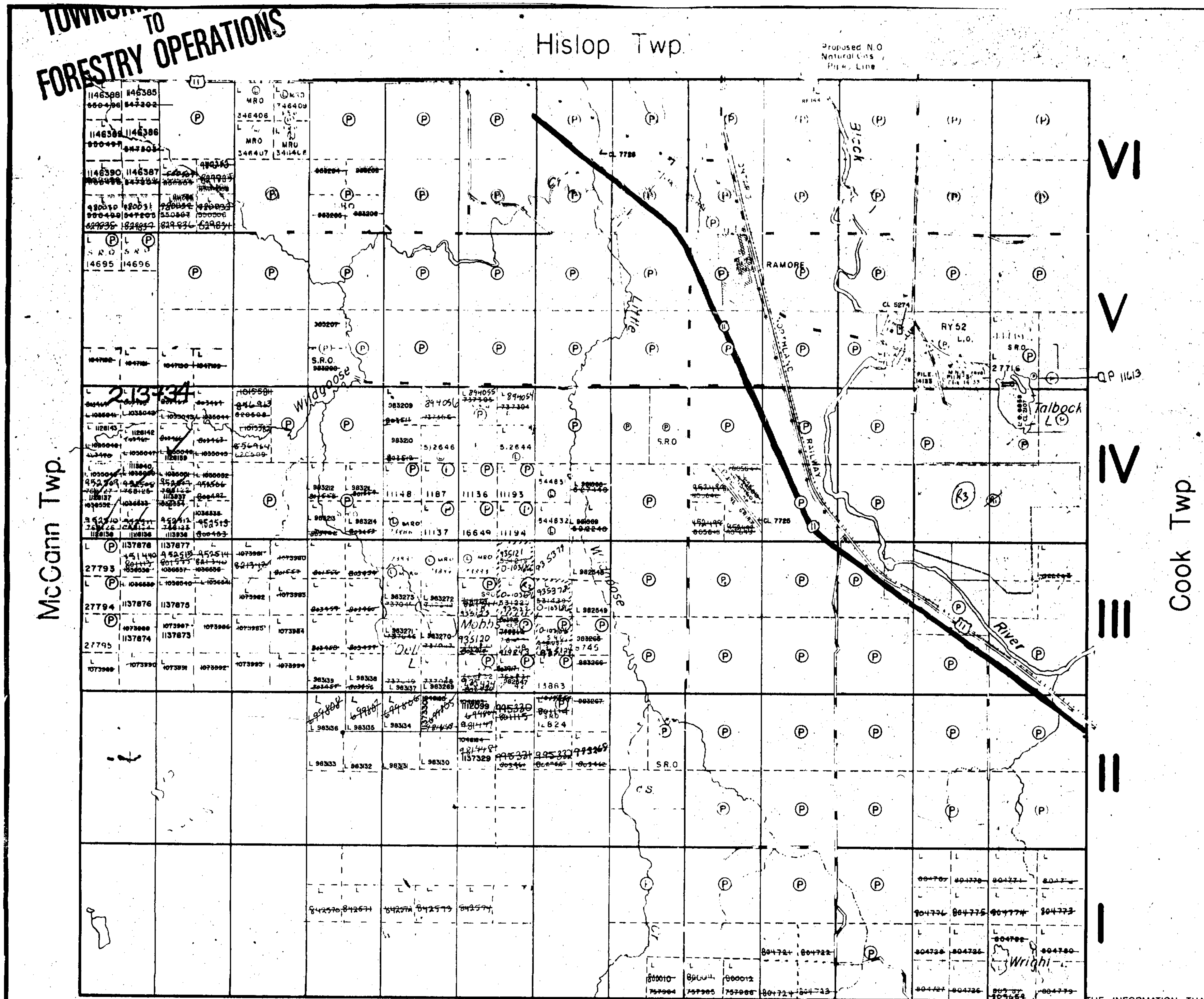
_____

_____

_____

_____

_____



THE TOWNSHIP OF PLAYFAIR

DISTRICT OF COCHRANE

LARDER LAKE MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

PATENTED LAND	(P)
CROWN LAND SALE	(S) or CS
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	

NOTES

400' Surface rights reservation around all lakes and rivers.

Ramore Townsite Shown Thus

Millsite Shown Thus:

Gravel Reserve Shown Thus:

R1 Surface & Mineral rights withdrawn from prospecting, staking out sale or lease Sec 36, The Mining Act R.S.O. 1980 Order No NRW 105/84 November 29, 1984 7:40 pm — (REOPENED N.R.O. #0-18/86 86.04.18)

(R2) Sec 36/80, W-8/86 20/01/86 M+S Open Sa...

(R3) S+M withdrawn – Sec 36. The Mining Act RSO 1980 Order # NR.W 19/86 Apr 18/86.

DATE OF ISSUE
JUL 28 1980
LARDER LAKE MINING RECORDER'S OFFICE

121344.

#3

PLAN NO.- M. 381

ONTARIO

MINISTRY OF NATURAL RESOURCES

SURVEYS AND MAPPING BRANCH

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

NOTICE OF FORESTRY ACTIVITY

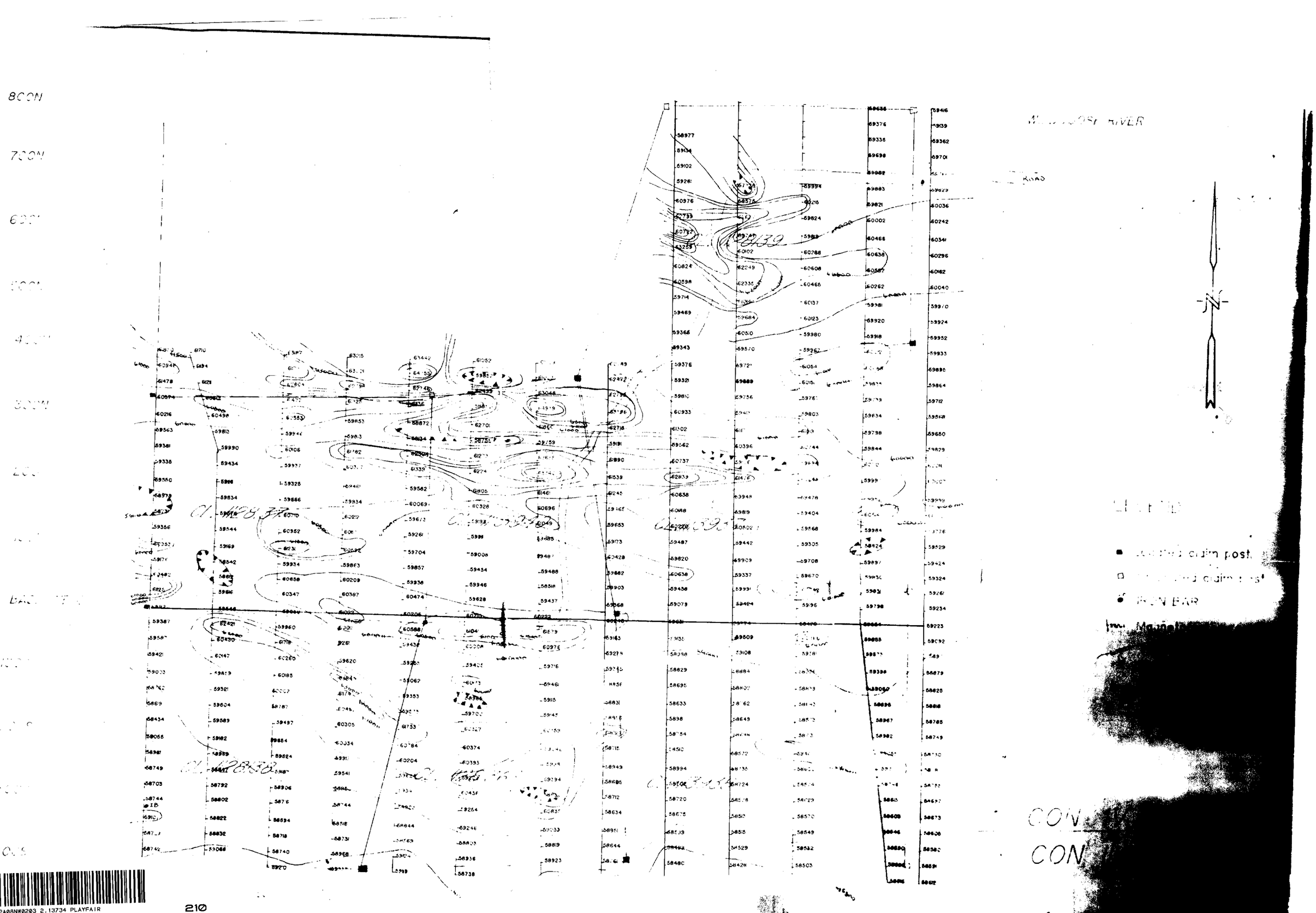
THIS TOWNSHIP / AREA FALLS WITHIN THE ____ MANAGEMENT UNIT ... ONS, ... BE

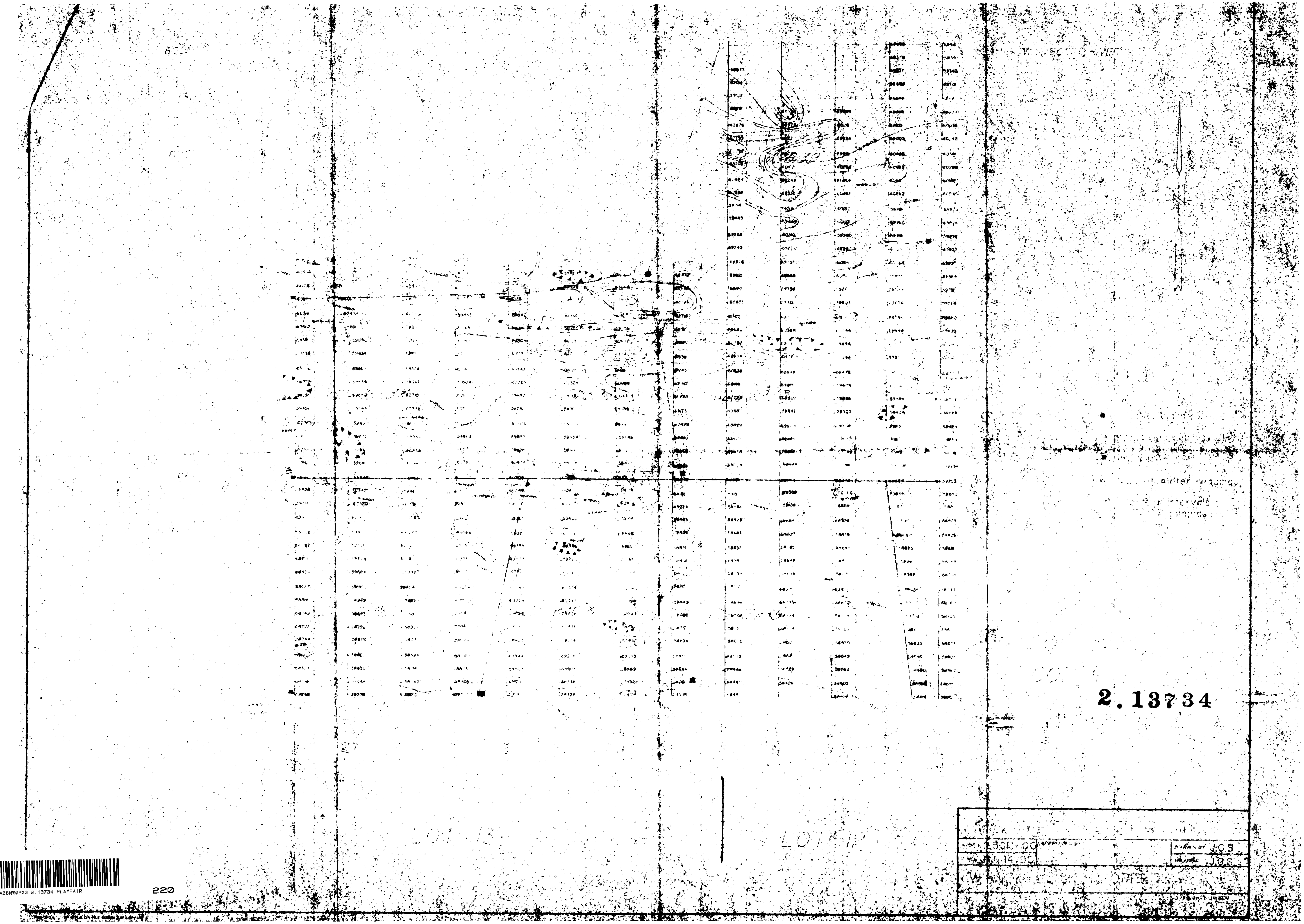
42A08NW0203 2.13734 PLAYFAIR

200

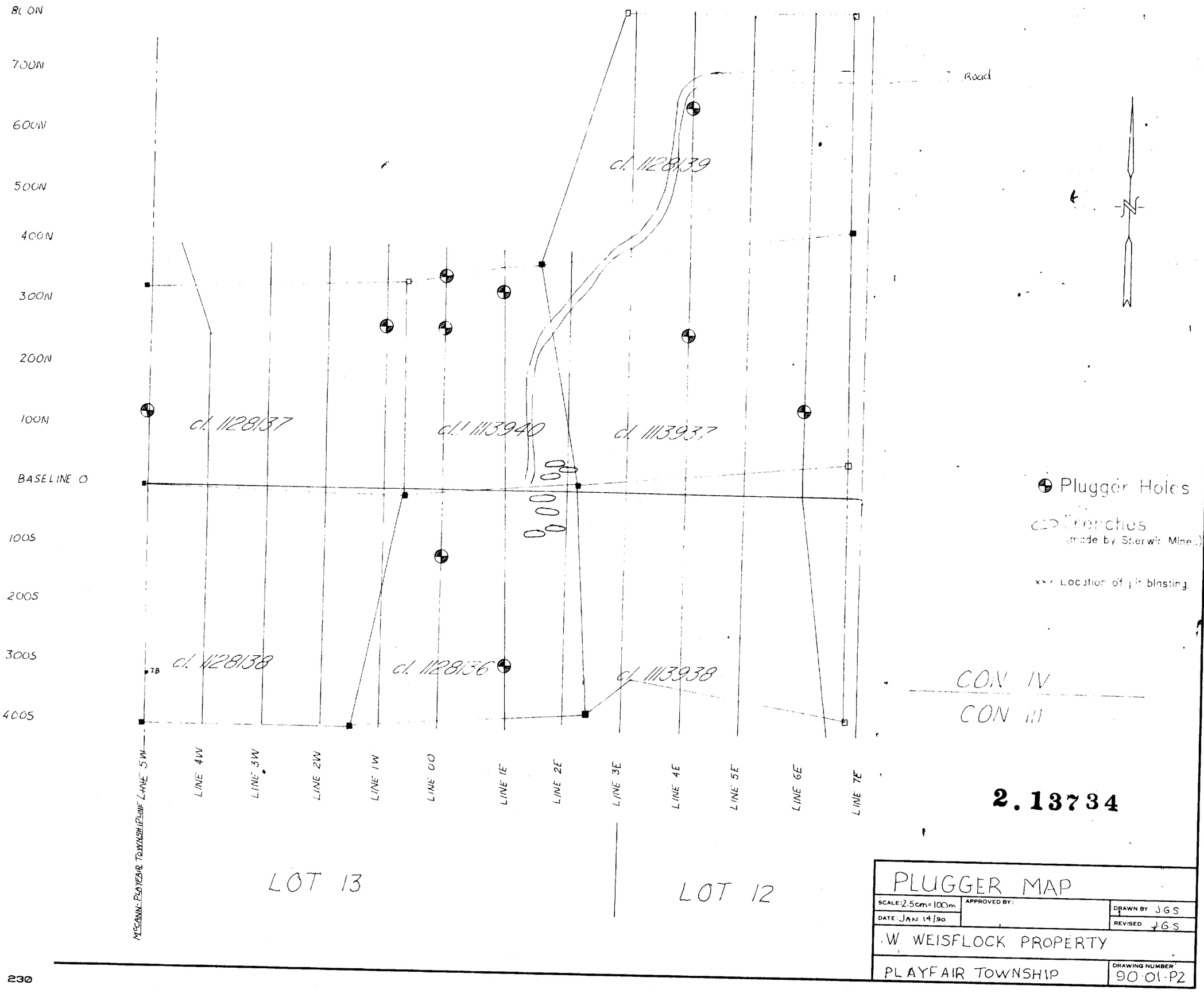
B.D.

RECEIVED AUGUST 14-1984





220



2.13734

PLUGGER MAP

SCALE: 2.5cm = 100m	APPROVED BY:	DRAWN BY J.G.S
DATE: JAN 14/90		REVISED J.G.S

W. WEISFLOCK PROPERTY

PLAYFAIR TOWNSHIP — DRAWING NUMBER 90-01-P2