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ASSESSMENT WORK REPORT on the Geophysical Survey for the Mulligan Township Project Claim no 1045588

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Submitted by: Foster Marshall

October 15, 1990

OP90- 436

#### **INTRODUCTION:**

This report summarizes the data collected from geophysical surveys which were completed on one claim in Mulligan Township during the 1990 field season.

#### PROPERTY DESCRIPTION:

The geophysical survey was completed from June 15 to June 20, 1990, on claim 1045588 of Mulligan Township, Larder Lake District. The survey was carried out by the holder of the claim, Foster Marshall, R R #1, Englehart, Ontario, POJ 1HO.

#### LOCATION and ACCESS:

The claim mentioned borders on the township's west boundary about one-half mile south of Skeleton Lake. Access can be made by taking Highway 569 east of Tomstown on to the fourth concession for two miles, north for two miles, and then approximately another two miles east where the remaining two miles north is via a winter bush road to the claim.

#### PROPERTY GEOLOGY:

The geology consists of a diabase layer covering most of the claim. This is a medium-grained, quartz-rich, mafic-intrusive diabase, referred to as Nipissing Diabase. There are also outcrops of sediments of the Cobalt group; generally conglomerate, greywacke and argillites. These sediments belong to the Huronian group, and outcrop North and South of the claims.

#### **PROCEDURE:**

Two miles of grid was cut with a 1200' North-South baseline, and East-West lines at intervals of 200' and stations at 100'. A Magnetometer and a VLF survey was carried out over claim 1045588 using a Geo Metrics G826 Protron Magnetometer and a Crone VLF Radem. Dip angle and field strength were measured using Annapolis Maryland for the VLF syrvey, with both magnetic and VLF readings being taken every 100 feet at lines 200 feet apart; a total of 98 readings. The magnetic readings were plotted on a map with contour intervals at 100 gammas. The VLF maps were plotted with the field strength contour intervals of 50 and the dip angle at 5/16" = 10 degrees. All maps are on a scale of 1"=200'.

#### **DISCUSSION and RESULTS:**

Previous field work has established the existence of several veins, some barren and some bearing good gold and cobalt assays. The Mag does not show any particular high conductor except on some outcrops where there is no mineralization. The VLF survey shows a North-South conductor between outcrops. Stripping along outcrops showed no mineralization. Conductive clay or a shear zone is a probable source of conductor.

#### **RECOMMENDATIONS:**

With veins exposed on surface and a pit where ore was extracted on line 400 north 150 west, a drill hole would be the next step. The veins should be tested by drilling below the pit. With this information from drilling, further geophysics may be warranted.

## <u>APPENDIX A:</u>

## Geophysical Technical Data:

Number of Stations:	98
Number of Readings:	98
Readings/claim:	98
Station Interval:	100 feet
Line Spacing:	200 feet
Contour Interval:	100 gammas (Mag) 50 (VLF field strength) 5/16" = 10 degrees (VLF Dip angle)
Surveys:	Mag/VLF
Instrument:	Geo Metrics G826 Protron Magnetometer Crone VLF Radem
VLF Frequency:	Annapolis Maryland

#### CERTIFICATE

I, Foster David Marshall of R R #1, Englehart, Ontario, hereby certify that:

1) I have been a prospector since February 13, 1967.

2) I worked as a Geophysical Operator for Amax Exploration, Station Road, Kirkland Lake, Ontario, from October, 1969, to June, 1971.

3) The information in this report and on the following maps is accurate and correct.

Dated: October 15, 1990

Place: Englehart, Ontario

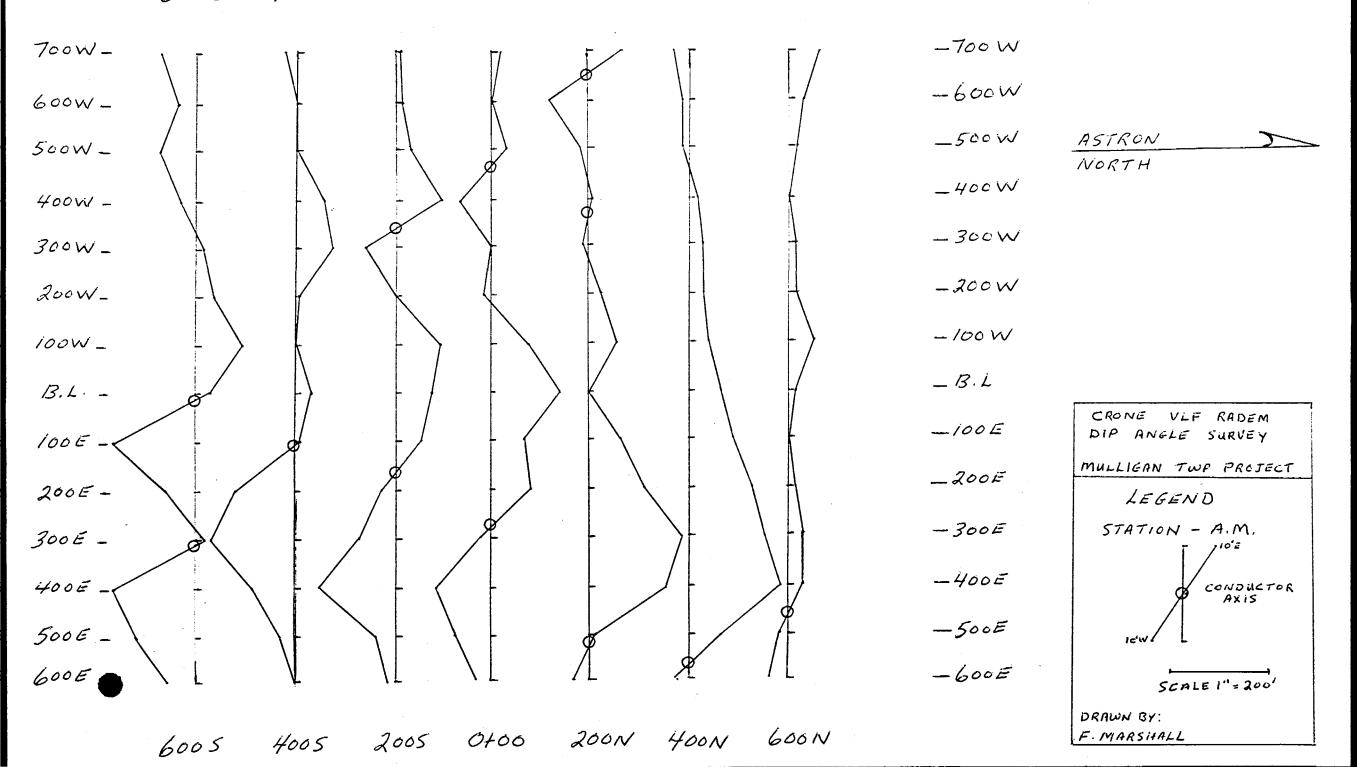
foster Matshall

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500W-	-280	-260	- 270	-270	-280	-280	-280	- 500W
400W-	-260	-260	-370	- 280	- 280	- 260	- 270	_ 400 W
300W_	-260	-310	- 270	-270	- 270	- 270	- 260	- 300 W
200W_	-250	-320	- 250	-270	- 270	- 270	-260	- 200 VV
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400E-	- 320	- 250	-260	- 270	-380	- 320	- 340	- 400 É
500E -	- 360	-250	- 250	-260	-320	400	-340	- 500 E
600E	- 360	- 240	240	-250	260	320	300	- 500 E - 600 E
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ASTRON NORTH

CRONE VLF RADEM FIELD STRENGTH SURVEY MULLIGAN TWP PROJECT LEGEND STATION - A.M. GECPHYSICAL READINGS SYMBOLS 400 30 250 CONTOUR 300 SCALE I" = 200' DRAWIN BY: F. MARSHALL 6005 4005 2005 0700 200N 400N 600N



6005 4005 2005 0+00 200N 400N 600N

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500W -	- 58331 - 58325	- 58414 - 54360	- 58'305 - 57854	- 58347	- 500W	ASTRON NORTH
400W_	- 58443 - 58369	- 58329 - 58487	-58493 - 58254	- 58330	_ 400 W	
300W_	- 58514 - 58403	- 58466 - 58578	- 58340 - 58602	- 58343	- 300W	
200W_	-58456 -58410	- 58431 - 58597	- 58 533 - 58164	- 58342	- 200 W	
100W_	- 58358 - 58411	- 58368 - 58339	- 58350 - 58221	- 58352	- 100 W	
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200E -	- 58551 - 58466	- 58 437 - 58377	-58526 - 58067	- 58417	-200E	MULLIGAN TWP PROJECT LEGEND
300E _	- 58417 - 58485	- 58447 - 58422	-58326 -58306	- 58410	-300E	GEORHYSICAL MAGNETIC SYMBOLS 58:00
400E_	- 58533 - 58422	- 58477 - 58386	- 58341 - 58296	- 58451	- 400E	Sister State
500Ē_	- 58494 - 58462	57847 59714	- 58311 - 58318	- 58 397	-500E	MAGNETIC DEPRESSION
600E	58501 58642	L 58604 L 58478	58255 58303	58599	- 600 E	SCALE 1" = 200'
	6005 4005	2005 0+00	200N 400N	600N		DRAWN BY: F. MARSHALL



1M13SE0102 63.5956 INGRA

#### MULLIGAN TWP PROJECT

#### Stripping and Sampling Report

The stripping was done on claims # 1045588 and 1146077 on July 30 and 31, 1990. The equipment used was a 157 h.p. John Deere 690 Excavator operated by Wilfred West. Foster Marshall was there to instruct the operator where the location of stripping was to be done. Sampling was done on August 1, 1990. Sample assay results and the location and dimensions of the excavation are attached in the Stripping Daily Log and accompanying maps.

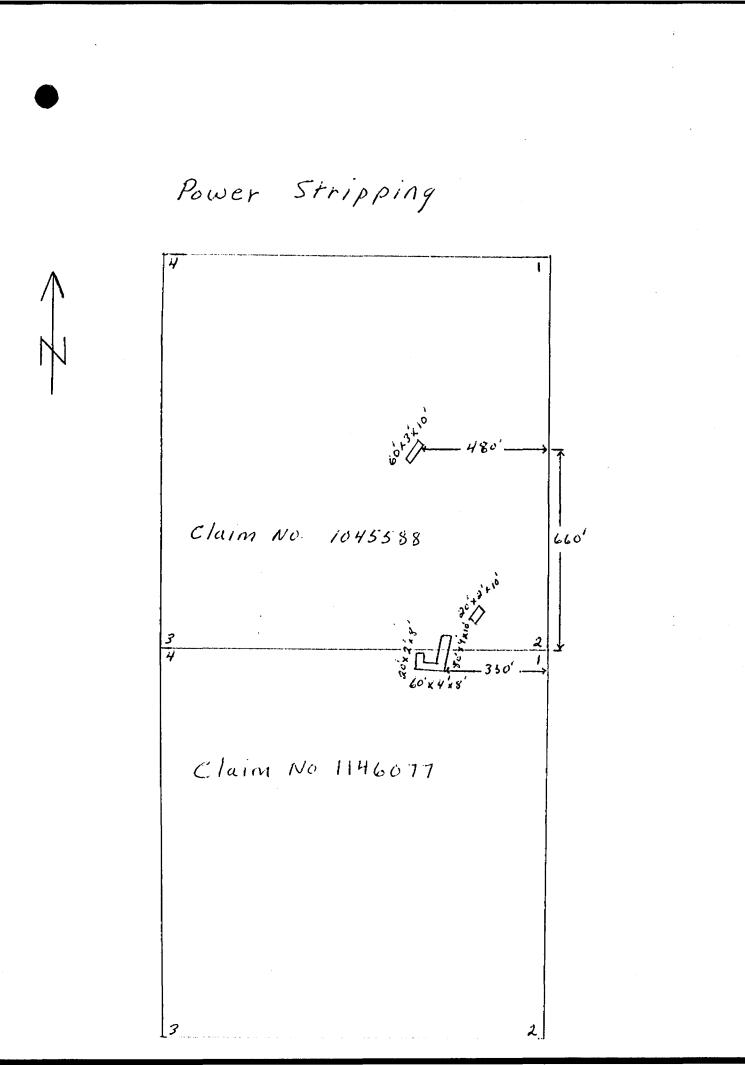
Date: October 18, 1990

signed: Forther prothall

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Location of Stripping Scale 1: 330' Area of stripping Claim NO. 1,045588 660' Claim No. 1146077



AREA OF SAMPLE NO M-1-1 STRIPPING

SAMPLE NO. M-1-2 AREA OF STRIPPING +13

AREA OF STRIPPING Ļ S'AMPLE NO. M-1-3 -30

SCALE: 1": 50'

TRIPPING DAILY LOG

PROJECT AREA DATE WORK PERFORMED

MULLIGAN TWP.

JULY 30 STRIPPING AREA, CENTRAL AND SOUTH LASTERN PORTION OF CLAIM NO. 1045588 JULY 31 STRIPPING AREA, NORTH EASTERN PORTION OF CLAIM NO. 1146077 AUG 1 SAMPLE STRIPPED AREAS

LOCATION OF STRIPPING - SKETCH ATTACHED. SKETCH OF SAMPLING

- SKETCH ATTACHED

DESCRIPTION OF SAMPLES

SAMPLE NO.	TYPE OF SAMPLE	Rock Type	MINERALIZATICN.
M-1-1	GRAB	GUHATZ VEIN	BARREN
M-1-2	GRAB.	GUARTE VEIN	BARREN
M-1-3	GRAS	DIABASE	BARREN

ASSAY RESULTS. M-1-1 AU - NIL AG. O.C. CO.-C.COS CERTIFICATE ATTACHED. MI-1-2 AU - NIL HO-C.OI CO.-C.COS HI-1-3 HU-NIL AG--C.OI



# Swastika Laboratories

A Division of Assayers Corporation Ltd.

**Assaying - Consulting - Representation** 

# Assay Certificate

#### 0W-1358-RA1

Company: F. Marshall Project: Attn: Date: SEP-17-90 Copy 1. RR#1, Englehart, Ont POJ IIIO

We hereby certify the following Assay of 7 GRAB/SPLIT CORE samples submitted SEP-11-90 by .

Sample Number	Au oz/ton	Au check oz/ton	Ag oz/ton	Co %	
M-1-1	Nil		0.01	0.005	
M-1-2	Nil		0.01	0.005	
M-1-3	Ni I		0.01		
M-1-4	0.005		0.03	0.595	
M-1-5	0.007		0.02	0.542	
M-1-6	0.028	0.029	0.01		
M-1-7	0.002		0.01		

No nickel or palladium detected

Certified by

G. Lebel / Manager

P.O. Box 10, Swastika, Ontario P0K 1T0 Telephone (705) 642-3244 FAX (705) 642-3300



#### MULLIGAN TWP PROJECT

#### Diamond Drilling Report

#### **OBJECTIVE:**

The objective was to diamond drill below the veins, where high-grade Cobalt with good gold values had been extracted from a pit approximately 30' long and 20' deep, in Nipissing Diabase. This was done on claim # 1045588. The drilling was to test for continuation of the mineralization below the pit in the Huronian sediments.

#### **RESULTS:**

Hole M-1-90, drilled at 45 , intersected the veins below the pit at 147.3' and 149.2'. The core showed quartz stringers with Blebs of Pyrite. Therefore, it seems that the Cobalt mineralization occurred in the Diabase above the Huronian contact.

#### **RECOMMENDATIONS:**

I recommend that more shallow holes be drilled beyond the start of Hole M-1-90, to look for new veins. If results are encouraging, then drill a deep hole to test for mineralization below the Huronian/Keewatin contact.

Date: October 18, 1990

Signed: Foster Mathall

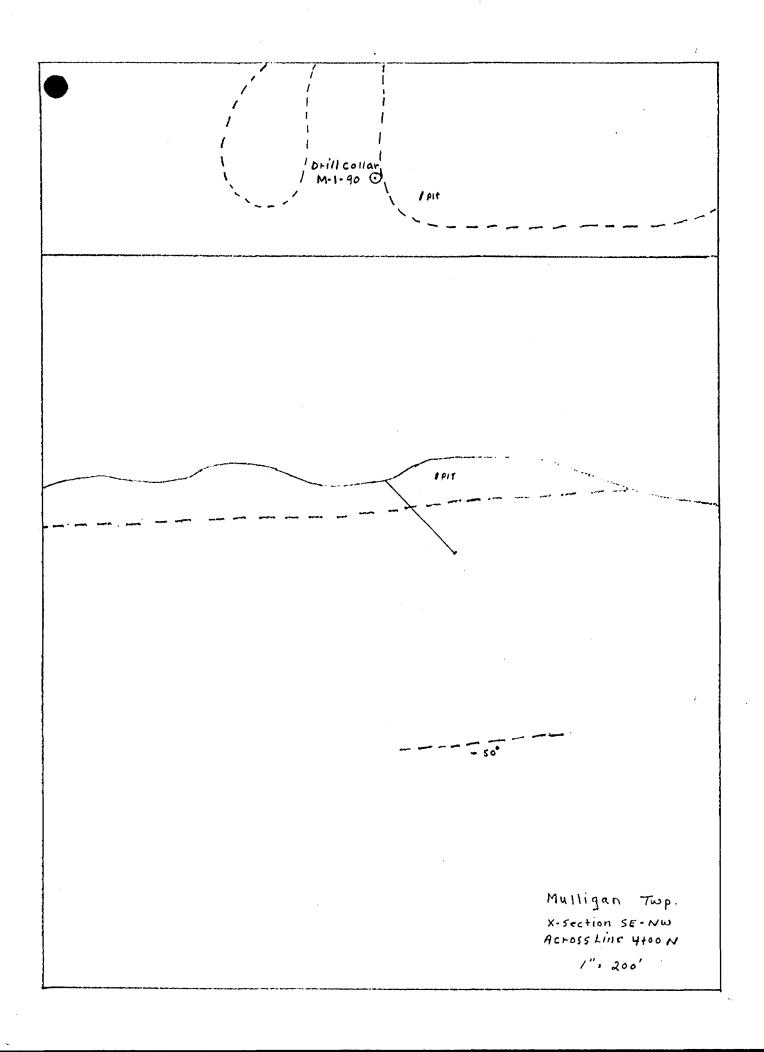
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#### KIT ENTERPRISES Operated by 660903 Ontario Ltd. R. R.#3 New Liskeard Ontario, Tel. 705 647 6364.

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DIAMOND DRILLING



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# Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

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### 0W-1358-RA1

Company:	F.	Marshall
Project:		
Attn:		

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M-1-2	Nil		0.01	0.005	
M-1-3	Nil		0.01		
M-1-4	0.005		0.03	0.595	
M-1-5	0.007		0.02	0.542	
M-1-6	0.028	0.029	0.01		 
M-1-7	0.002		0.01		

No nickel or palladium detected

Certified by

G. Lebel / Manager

P.O. Box 10, Swastika, Ontario P0K 1T0 Telephone (705) 642-3244 FAX (705) 642-3300

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† Additional credit available. See Assessment Work Regulations.

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ASSESSMENT WORK REPORT on the Geophysical Survey for the Ingram Township Project Claim no 822224

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Submitted by: Foster Marshall October 15, 1990

#### **INTRODUCTION:**

This report summarizes the data collected from a geophysical survey which was completed on part of one claim in Ingram Township during the 1990 field season.

#### **PROPERTY DESCRIPTION:**

The geophysical survey was completed from June 4 to June 5, 1990 on claim 822224 of Ingram Township, Larder Lake District. The survey was carried out by the holder of the claim, Foster Marshall, R R #1, Englehart, Ontario, POJ 1H0.

#### LOCATION and ACCESS:

The claim mentioned covers the southwest quarter of the south half of Lot 11, Concession VI in Ingram Township. Access can be made by taking Highway 569 east of Tomstown on to the fourth concession for two miles and then north for two miles.

#### **PROCEDURE:**

A detailed magnetometer survey was carried out over an open field on the southeastern part of claim 822224 using a Geo Metrics G826 Protron Magnetometer. Magnetic readings were taken every 50 feet at lines 100 feet apart, with a total of 98 readings. The magnetic readings were plotted on a map using a scale of 1"=100', with contour intervals at 100 gammas.

#### **PROPERTY GEOLOGY:**

The geology consists of a diabase layer covering most of the claims. This is a medium-grained, quartz-rich, mafic-intrusive diabase, referred to as Nipissing Diabase. There are also outcrops of sediments of the Cobalt group; generally argillites and greywackes. These sediments belong to the Huronian group and outcrop on the northwest corner of the claims.

- 1 -

#### DISCUSSION and RESULTS:

Previous field work has established the existence of numerous veins, some bearing good gold and silver assays. By taking magnetic readings on the exposed veins, a magnetic low was obtained. By doing detailed magnetic readings, it may be possible to trace the veins under the overburden. A magnetic low could be a possible mineralized zone. On line 1200 east at 1300 south, a magnetic low was found.

#### **RECOMMENDATIONS:**

Any further exploration work should be done by diamond drilling. The veins should be tested by drilling below the diabase and possibly the Huronian/Keewatin contact. A magnetic low found on line 1200 east at 1300 south would be a drill target. With this new information from drilling, further geophysics may be warranted.

## APPENDIX A:

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Geophysical Technica	<u>al Data</u> :
Number of Readings:	98 .
Station Interval:	50 feet
Line spacing:	100 feet
Contour Interval:	100 gammas
Survey:	Magnetometer
Instrument:	Geo Metrics G826 Protron Magnetometer

### CERTIFICATE

I, Foster David Marshall of R R #1, Englehart, Ontario, hereby certify that:

1) I have been a prospector since February 13, 1967.

2) I worked as a Geophysical Operator for Amax Exploration, Station Road, Kirkland Lake, Ontario, from October, 1969, to June, 1971.

3) The information in this report and on the following maps is accurate and correct.

Dated: October 15, 1990

Place: Englehart, Ontario

Signed: Josta Knathall



31M13SE0102 63.5956 INGRAM

#### INGRAM TWP PROJECT

#### Diamond Drilling Report

#### **OBJECTIVE:**

The drill target was a magnetic low, found on line 1200 east 1300 south, claim # 822224. Previous drilling had confirmed a vein structure striking in that direction. Previous magnetic readings taken on exposed veins also had low values. Therefore, this was chosen as a drill target.

#### **RESULTS:**

Hole M-2-90, drilled at 70', consisted of 82' of overburden followed by 7.8' of Huronian sediments, before contact with Nipissing Diabase. Numerous vein structures with Quartz, Chlorite, Calcite, and some mineralization were found in the diabase. This was the probable source of the magnetic low. Huronian sediments were contacted at 345.6'.

#### **RECOMMENDATIONS:**

I recommend that one more shallow hole be drilled to test a new showing found by stripping; then, a deep hole to test for mineralization below the Huronian/Keewatin contact.

Signed: Foston Matthall

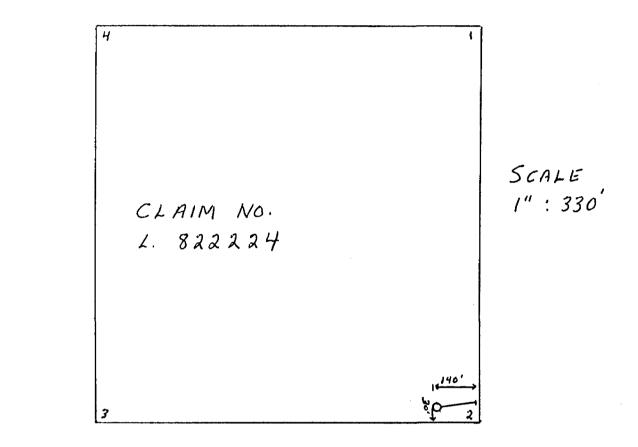
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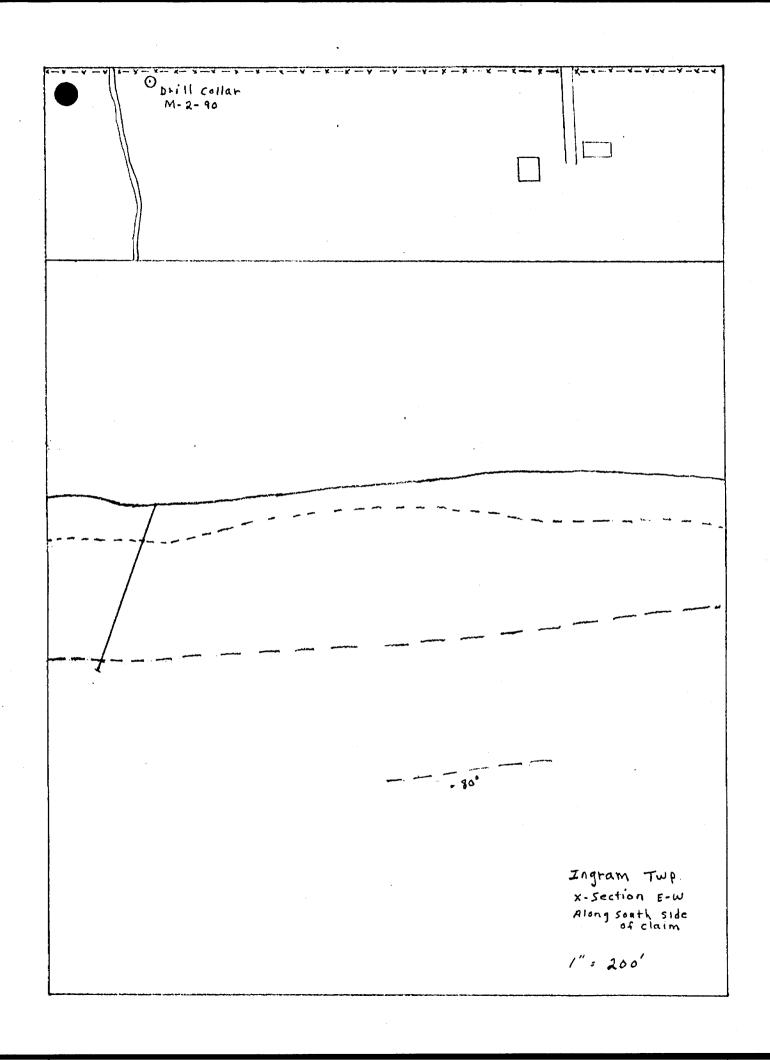
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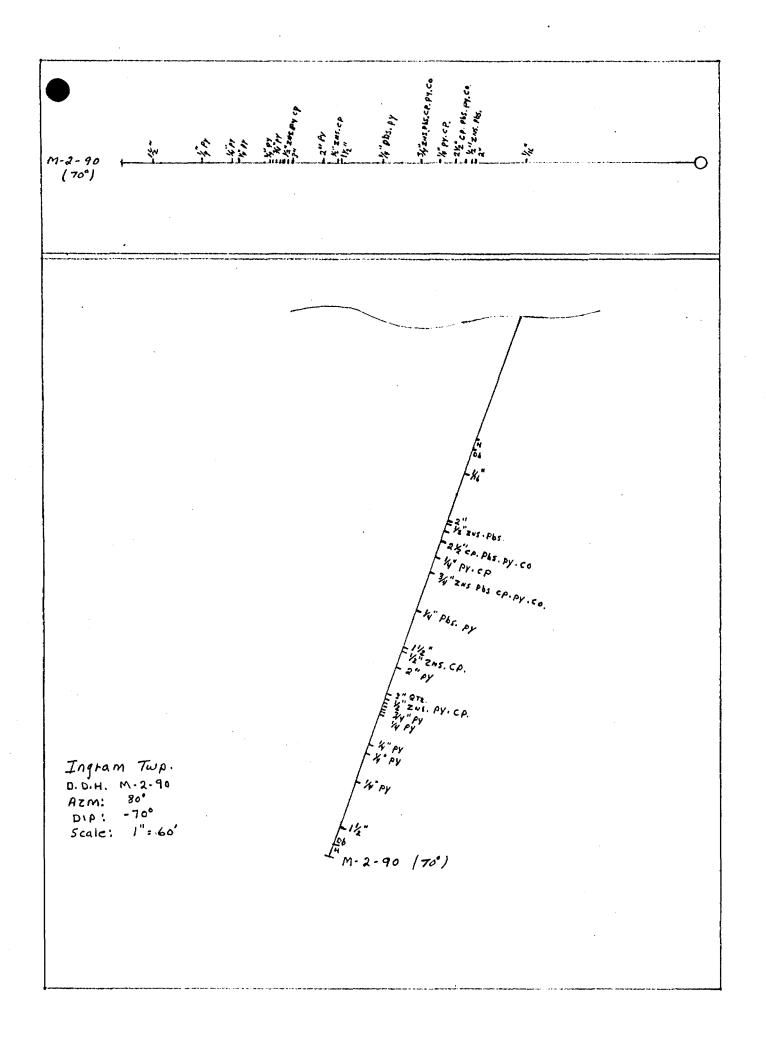
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# Swastika Laboratories

A Division of Assayers Corporation Ltd.

### Assaying - Consulting - Representation

# Assay Certificate

#### 0W-1460-RA1

Company: F. MARSHALL Project:

Attn:

Date: SEP-28-90 Copy 1. RR#1 ENGLEHART ONT. POJ 1HO

We hereby certify the following Assay of 6 SPLIT CORE samples submitted SEP-25-90 by .

Sample Number	Au oz/ton	Au check oz/ton	Ag oz/ton	Co %	Cu %	
M-2-3 M-2-4 M-2-5	Nil 0.002 Nil	0.002	0.05 0.24 0.01	0.008	1.76	
M-2-6 M-2-7	0.002 0.002		0.01 0.05			
M-2-8	0.002	0.002	0.09			

Certified by

G. Lebel / Manager

P.O. Box 10, Swastika, Ontario P0K 1T0 Telephone (705) 642-3244 FAX (705) 642-3300

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139.7 - 2½" Quartz structure 50° with Chalcopyrite, Galena,       M-2-3       139.4       139.10       6"       NIL       0.05       1.7         142.0 - ½" sheared zone with Calcite and Chlorite plus Pyrite       142.0 - ½" sheared zone with Calcite and Chlorite plus Pyrite       139.4       139.4       139.10       6"       NIL       0.05       1.7         142.0 - ½" sheared zone with Calcite and Chlorite plus Pyrite       168.6 - 3/4" Calcite vein with Sphalerite, Galena, Chalcopyrite,       168.3       168.9       6"       0.002       0.24       0.00         168.6 - 3/4" Calcite vein with Sphalerite, Galena, Chalcopyrite,       M-2-4       168.3       168.9       6"       0.002       0.24       0.00         181.1 to 181.7 - Dark grey fine-grained Dyke contacts sharp 60°.       187.4 - Slip zone with Chlorite coating on slip faces.       187.4 - Slip zone with Chlorite coating on slip faces.       187.4 - Slip zone with Chlorite coating on slip faces.       187.4 - Slip zone with Chlorite coating on slip faces.       187.4 - Slip zone with Chlorite coating on slip faces.       187.4 - Slip zone with Chlorite coating on slip faces.       187.4 - Slip zone with Chlorite coating on slip faces.       187.4 - Slip zone with Chlorite coating on slip faces.       187.4 - Slip zone with Chlorite coating on slip faces.       187.4 - Slip zone with Chlorite coating on slip faces.       187.4 - Slip zone with Chlorite coating on slip faces.       187.4 - Slip zone with Chlorite coating on slip faces.       187.4 - Sl			í <u> </u>				icite with P	Jlebs of	1		<u>+</u>	1	+	<u>+</u>		+	+
139.7 - Z2 Quartz Structure 50 with Charcopyrite, Garena,       M-2-3       139.4       139.10       6"       NIL       0.05       1.7         Pyrite, and minor Cobalt.       142.0 - %" sheared zone with Calcite and Chlorite plus Pyrite       142.0<			I	Sphalerite	and Galena, 30	0°.					<u> </u>	1	†	<u> </u>	1		+
139.7 - Z2 Quartz Structure 50 with Charcopyrite, Garena,       M-2-3       139.4       139.10       6"       NIL       0.05       1.7         Pyrite, and minor Cobalt.       142.0 - %" sheared zone with Calcite and Chlorite plus Pyrite       142.0<		]	 {						<u> </u>						1	1	CU 2
142.0 - ½" sheared zone with Calcite and Chlorite plus Pyrite       142.0 - ½" sheared zone with Calcite and Chlorite plus Pyrite       168.6 - 3/4" Calcite vein with Sphalerite, Galena, Chalcopyrite,       168.3       168.9		]	f				h Chalcopyr	ite, Galena,	<u> </u>		M-2-3	139.4	139.10	6"	NIL	0.05	1.76
and Chalcopyrite.			/	Pyrice, and		•			- <b> </b> '	<u> </u>	<u> </u>		<u> </u>				T
and Chalcopyrite.			· · · · · · · · · · · · · · · · · · ·	142.0 - 1	sheared zone	with Calcite	and Chlorit	e plus Pyrite	+'	<b> </b>	<b></b>		- <b> </b> '	<b></b>	<b>_</b>		+
168.6 - 3/4" Calcite vein with Sphalerite, Galena, Chalcopyrite,       M-2-4       168.3       168.9       6"       0.002       0.24       0.002         Pyrite, and Cobalt.       181.1 to 181.7 - Dark grey fine-grained Dyke contacts sharp 60".       187.4 - Slip zone with Chlorite coating on slip faces.       187.4 - Slip zone with Chlorite coating on slip			(		and the second			- Fame - 7	+'	<del> </del>			<u> </u>	<del> </del>	<b>↓</b>		<b></b>
168.6 - 3/4" Calcite Vein With Sphalerite, Galena, Chalcopyrite,       M-2-4       168.3       168.9       6"       0.002       0.24       0.002         Pyrite, and Cobalt.       181.1 to 181.7 - Dark grey fine-grained Dyke contacts sharp 60".       187.4 - Slip zone with Chlorite coating on slip faces.       187.4 - Slip zone with Chlorite coating on slip		+	(		<u>Dyrice</u>				+	<b> </b>		<del> </del>	<u> </u>	<b> </b> '	<b></b>		
Pyrite, and Cobalt.       0.002       0.02 <td< td=""><td></td><td>t</td><td>(</td><td>168.6 - 3/</td><td>4" Calcite vei</td><td>n with Sphale</td><td>erite, Galer</td><td>na, Chalcopyrite,</td><td>++</td><td>t</td><td>M_2_4</td><td>168 3</td><td>168 9</td><td>61</td><td>10 002</td><td>10.24</td><td></td></td<>		t	(	168.6 - 3/	4" Calcite vei	n with Sphale	erite, Galer	na, Chalcopyrite,	++	t	M_2_4	168 3	168 9	61	10 002	10.24	
187.4 - Slip zone with Chlorite coating on slip faces.			1			·····	·····		++	Γ			1100.2	t	10.002	10.49	10.00
187.4 - Slip zone with Chlorite coating on slip faces.					· · · · · · · · · · · · · · · · · · ·				1	ſ	t .	·	++	[	<del> </del>		+
			, 	181.1 to 18	81.7 - Dark gre	ey fine-grain	ied Dyke con'	tacts sharp 60°.	1	[	[	[	1	· · · · · · · · · · · · · · · · · · ·		1	1
			· · · · · · · · · · · · · · · · · · ·			Torte cost				I	'			·′		<u> </u>	1
	+		· · · · · · · · · · · · · · · · · · ·	18/.4 - 311	Ip zone with th	Morite Coach	ng on sup ;	taces.	Ţ	[]	<u> </u>	'		<u> </u>			1
3 (85/12)			//	1	· · · · · · · · · · · · · · · · · · ·	<u></u>			4	<b></b> '	['	Ĺ'		·′			<u> </u>
3 (85/12)			//	+					<b></b>	<b>└────</b> ′	<b>↓</b> '	Ĺ'	L	<u> </u>		1	
33 (85/12)		+		+		· · · · · · · · · · · · · · · · · · ·		·		·'	<u>↓</u> ↓	t'	<u> </u>	<b>با</b>	<b></b>	<del> </del>	┣───
* For features such as foliation, bedding, schistosity, measured from the long axis of the core.	83 (85/12)		J	<u> </u>							L	/	L			<u></u>	<u> </u>

يرعور بمرة براجا الأجار والمقصو

جديدهم والمتوادين الرادا والحسب

ন্দ্র	Ministry o Northern	of Development	Diamond Drilling							·······				<u> </u>		
Ontario	and Mine		Log							Complete the			Fill in or every pa		ole No. M-2-90	Page No 2
Drilling Cor	npany		······································	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address		where core sto		Map Refe			laim No.	
	erprises	5			80°	352	Coltar 70					NTS 31	M/NW		822224	
Date Hole S		Date Co	•	Date Logged	Logged by		Ft.]	RR	#1, Eng	plehart,	Ont.	Location (	Twp., Lot, (	Con. or La	at. and Long.)	
Aug. 13	3, 1990	Aug	. 16, 1990	Aug.29,1990											:	
Exploration	Co., Owner	or Optionee		Date Submitted	Submitted by (Sig		Ft.	E-2 -	$N_{2}^{1}$ Lot	: 10		T				
8					11.1	1	FL	Con	5 Ingra	m Tum		-	m Twp			
Foster	Marshal]	•		Oct.18,1990	Folty N	althall	Ft.	•	Jungro	uu 1.«Þ		Property N Ingra				
·		- 	<u> </u>	10.0.10,1990	Description		rt.	Planar	Core		Sampla	Footage		1	Assays †	
From	tage To	Rock Type		Colour, gr	ain size, texture, miner			Feature Angle *	Consimon	Your Sample No.		To	Sample Length	AU oz		
FIGH			188.8 - Slip :	zone with dis	seminated Ca	lcite, Pyrit	e and Galena.			M-2-5	186.10			NIL		+
						·····		<u> </u>						<u> </u>		1
1			214.0 to 221.0	0 - Altered z	one with Qua	rtz Calcite	seams.									
1																T
				8 - Quartz -	Calcite - Ch	lorite zone	80°. No visible	<u> </u>		<u> </u>	L					
			mineral.							1	[			<b> </b>		Ļ
			- 219.2 - 1½" Q	lartz - Calci	te - Chlorit	e zone, 80°.								<b> </b>		
						<u> </u>				<u> </u>				<b> </b>		<u> </u>
			219.5 - Irreg	ular Calcite	stringer wit	h Sphalerite	and Chalcopyrite	+		M-2-6	218.11	219.11	12"	0.002	0.01	
		<u></u>	Blebs 30°.	in the second	bor rigor and					M-2-0	210.11	219.11	12"	0.002		+
		· · · · · · · · · · · · · · · · · · ·	228.9 - 2" zor	ne partly bre	cciated with	Calcite and	Chlorite 40°									
			with Pyrite.			· · · · · · · · · · · · · · · · · · ·										
			239.5 to 24/.0			ns or white	Quartz and	<u> </u>		ļ						
			<u>Chlorite - min</u>	nor Calcite a	t 239.5.	······					· ·					·
			242.0 to 242.5	5 . White One	rtz zona no	visible min	oral									
			242.0 10 242		102 2011e, 110	visible min	ciai.	╉────┤		<b> </b>						
			246.5 - 3" whi	te Quartz, n	o visible min	neral 80°.	<b> </b>	+								
		· · · · · · · · · · · · · · · · · · ·						1								
				artz stringer	with Sphale	rite, Pyrite	, and Chalcopyrite									
		· ·	35°.													
							Culture I const to a const	<u> </u>								
			Pyrite 20".	$3 - \frac{3}{4}$ " Quartz	-Chiorite sti	ructure with	Sphalerite and	<u>                                     </u>		<u> </u>	· · · · · · · · · · · · · · · · · · ·					
			Pylice 20 .				· · · · · · · · · · · · · · · · · · ·	╞──┤		<b> </b>						
· - · ·			255.5 - ½" Qua	artz with Pvr	ite 20°.			┟───┤	·						_ <b>_</b>	
	-0+					······	· · · · · · · · · · · · · · · · · · ·	╂		·				· <b></b> · · · · · · · · · · · · · · · · ·		
		· · · · · · · · · · · · · · · · · · ·	256.2 - 3/4" (	Duartz-Calcito	e with Pvrite	= 30°.	<u> </u>	<u> -</u>		M-2-7	255.3	256.4	13"	0.002	+ 0.05	
				Carlos Carlos D			• · · · · · · · · · · · · · · · · · · ·	<u>├</u>		11-2-1	235.5			0.002	0.05	
+							·									-
783 (85/12)					diam aphistosity	measured from the	long axis of the core.			•					sment Work F	

\* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulatio

(V)	Ministry Northeri	of Developme		Diamond Drilling														
Ontario	and Min		4	Log							•	his form and ch in duplic		Fill in or every pa		Hole No. M-2-90	Page No	
Drilling Co	mpany		<u> </u>		Collar Elevation	Bearing of hole from	Total Footage	Dip of Hole at	° Addres		where core st		Map Refe		-90 /	Claim No.		
	Ènterpr	ises				Bearing of hole from true North 80	352	Collar 70	1				NTS 31M/NW			822224		
Date Hole			Date Comp	oleted	Date Logged	Logged by			-	R R #1, Englehart, Ont			Location (	Twp., Lot, (	Con. or La	r Lat. and Long.)		
Aúg.	. 13, 19	90	Aug.	16, 1990	Aug.29,1990	1		Ft.					1					
Exploration	n Co., Owne	r or Optionee			Date Submitted	Submitted by (Sig	inature)	Ft.		EZ - NZ	Lot 10		Ingra	m Twp.		z		
						Je 1	and all	Ft.		Con 5 I	ngram Tu	мр	Property I Ingra	Name				
Fost	er Mars	hall			Oct.18,1990	Jolla p	Tallhall	Ft.	•				Ingra	m				
Foo	otage	Rock				Description	· ·		Planar Feature	Core Specimen	Your		Footage	Sample		Assays †		
From	То	ROCK	туре		Colour, gr	ain size, texture, miner	als, alteration, etc.		Angle *	Footage †	Sample No	P. From	То	Length	AU OZ	AG OZ		
				257.5 - 1/2 01	wartz with Pyr	ite 20°		······································		<u> </u>	<u> </u>		ļ		<u> </u>			
					• • •	·		<b></b>			4		ļ		<u> </u>			
		-		<u> 266.7 - Slip</u>	with Chlorite	30									<u>                                     </u>			
						• • • • • •					<u> </u>							
				<u> 282.7 - %" Si</u>	<u>lip with Chlor</u>	ite, Calcite	e, and Pyrite	25										
				205 1 11 01	lin with Chlor	ito Coloito												
				203.4 - 7 31	LID WICH CHIOL	The raitile	, auc Pyrice	<u></u>		1	1				<u> </u>			
·····				304.0 - ½" SI	ip zone with	Calcite and	Pvrite - 3"	alteration dark	1	1	M-2-8	303.6	304.6	12"	0.00	2 0.09		
										1								
ļ				334.2 to 33	5 - White Qu	uartz and	13" Calcite	e. No visible										
1				mineral 50°	•	······································				ļ	<u> </u>	1						
ļ										<u> </u>	ļ	ļ						
ļ										<u> </u>	ļ	ļ					<u> </u>	
 						<u>el to bedd:</u>	ing. Conta	act frozen		<u> </u>								
				with chille	d margin.		<u></u>									<u></u> /		
345 6				Huronian se	diments - we	ell bedded	greywacke	Thinly	_	+	<u> </u>							
545.0						<u>Ja Doudou</u>	9-01-00110			1								
		<i>i</i> ,				······································	······											
1				End of hole	352'.													
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		· 3																
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			<b>-</b>				· · · · · · · · · · · · · · · · · · ·				L	<b>├</b>						
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F	I				·			······································										
285.4 - ½" Slip with Chlor         304.0 - ½" Slip zone with         grey along margins 15°.         334.2 to 335 - White C         mineral 50°.         After 342' Diabase bec         345.6         Huronian sediments - W         bedded as above 80°.					Calcite and wartz and pmes finer- el to bedd:	Pyrite - ½" 1½" Calcite -grained to ing. Conta	alteration dark . No visible <u>contact at</u> act frozen			M-2-8	303.6	304.6	12"	0.00				

783 (85/12)



1M13SE0102 63.5956 INGRA

060

#### INGRAM TWP PROJECT

#### Stripping and Sampling Report

The stripping was done on claim # 822224, August 7, 1990. The equipment used was a 157 h.p. John Deere 690 Excavator operated by Wilfred West. Foster Marshall was there to instruct the operator where the location of stripping was to be done. Sampling was done on August 11, 1990. Sample assay results and the location and dimensions of the excavation are attached in the Stripping and Daily Log and accompanying maps.

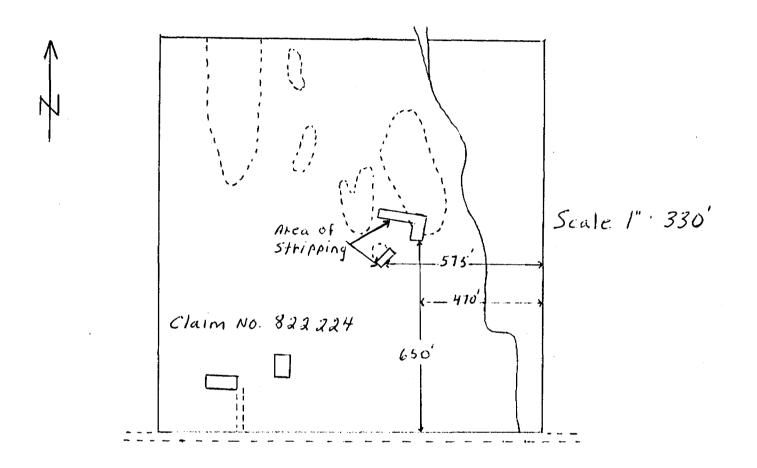
Date: October 18, 1990

Signed: Jostan Mathall

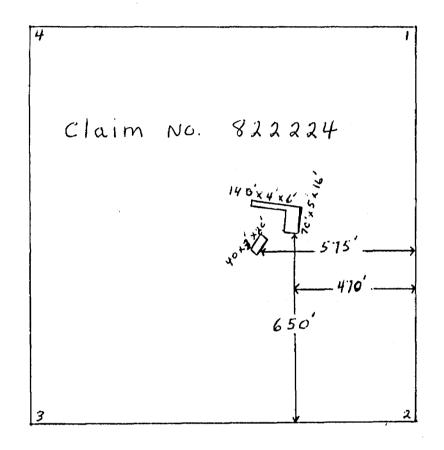
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	,	Phone (	705) 647-7769				INVOIGE DATE	9/9	0	SALESPER	SON	$\square$
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Y	OUR ORDER NO.	DATESHIP	PED	SHIP	PED VIA	F.O.B, P	OINT	1	TERMS			
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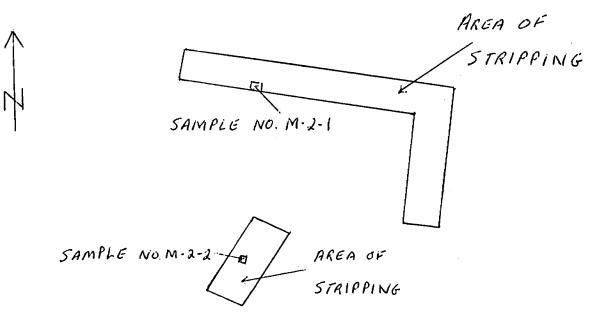
Location of Stripping



Power Stripping



SKETCH OF SAMPLING



SCALE: 1" 50'

RIPPING DAILY LOG

PROJECT AREA DATE

WORK PERFORMED

INGRAM TWP AUG 7

STRIPPING AREA. CENTRAL PORTION OF CLAIM NO. SZZZZY SAMPLE STRIPPED AREAS.

- SKETCH ATTACHED

- SKETCH OF SANTPLING - SKETCH ATTACHED

DESCRIPTION OF SAMPLES

SAMPLE NO	TYPE OF SAMPL	E BOCK TYPE.	ATINERALIZATION'
M1-2-1	GRAB	NINERALIZE VEN	N MASSINE
11-2-1	GRAB	MINERALIZE VEIN	MASSIVE

1946. 11

ASSAY RESULTS. M.2-1 AU. 0.115 AG. 13.49 CU-413 Pb-13.32 ZN-201 CORTIFICATE ATTACHED. M-2-2 AU. 0.021 AG 3.12 E4. C.32 Pb-13.49 ZN-342



# Swastika Laboratories

A Division of Assayers Corporation Ltd.

## Assaying - Consulting - Representation

## Assay Certificate

#### 0W-1402-RA1

## Company: FOSTER MARSHALL

Date: SEP-26-90 Copy 1. RR#I ENGLEHART ONT.POJ IHO

Project: Attn:

We hereby certify the following Assay of 2 ROCK samples submitted SEP-19-90 by .

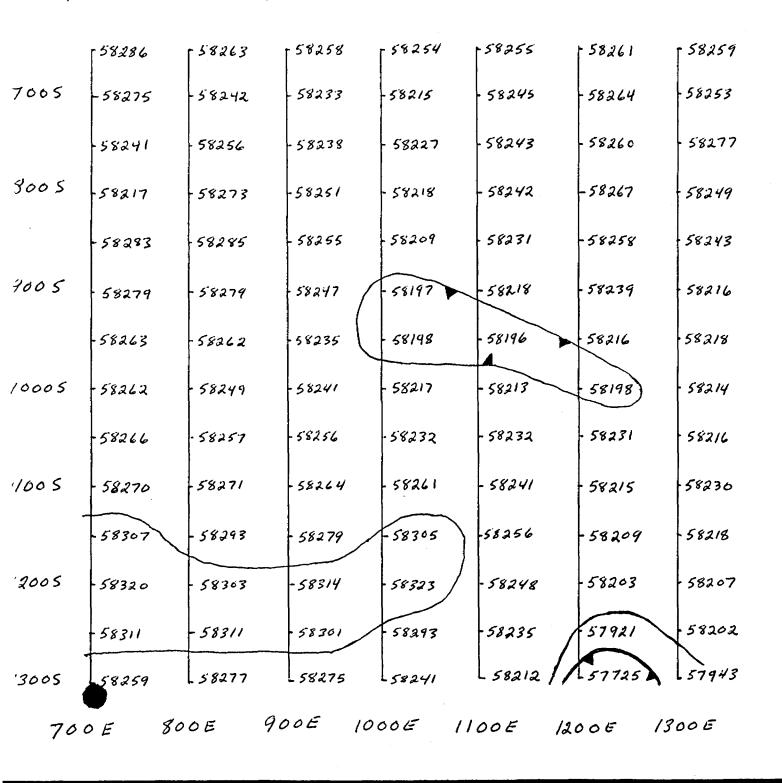
Sample	Au	Au check	Ag	Cu	Pb	Zn	
Number	oz/ton	oz/ton	oz/ton	%	%	%	
M-2-1 M-2-2	0.115 0.021	0.115	13.49 3.72	4.13 0.32	13.32 13.49	2.01 3.92	

.....

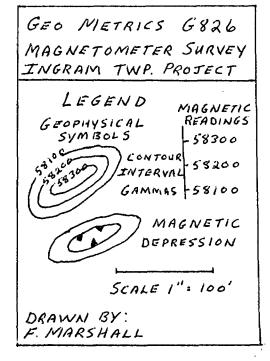
Certified by

G. Lebel / Manager

P.O. Box 10, Swastika, Ontario P0K 1T0 Telephone (705) 642-3244 FAX (705) 642-3300 700E 800E 900E 1000E 1100E 1200E 1300E



ASTRON NORTH



- · ·