



42A01NE0008 2.14602 BERNHARDT

010

Bernhardt #1 Report

Bernhardt #1 report

by

Joseph C. Kiazuk &
Barry C. Otton

Qual
2.14602

2.14602

RECEIVED

MAY 29 1992

MINING LANDS BRANCH

LOCATION AND ACCESS

The Bernhardt # 1 property is located in southern Bernhart Township, 1/4 mile south of Lavallie Lake in the District of Timiskaming, Ontario, Larder Lake Mining Division. The property consists of one claim, number 1134054.

Access from Kirkland Lake is via the Goodfish Road to Lancaster Lake Access Road. This road crosses the eastern property boundary and ends approximately 200 feet inside the project area.

GRID CONSTRUCTION

A grid totalling 1 1/4 miles of cut line was constructed on the property. Five lines were established and oriented at 180° from the top (north) east-west claim line. Line intervals were made at 264 feet and station intervals at 66 feet.

REGIONAL GEOLOGY

The property is located within rocks of the Kinojevis Group of the Abitibi Subprovince of the Precambrian Shield. These rocks are predominantly tholeiitic volcanic flows and pyroclastics. Archean clastic sediments are prominent adjacent to the major Cadillac - Larder Lake Break which trends approximately northeast near the property. Felsic, syenitic and gabbroic intrusions are common in the region. The youngest rocks are north-south trending diabase dykes.

The property itself is underlain by pillowed Fe and Mg rich tholeiitic basalts with a predominantly east-west strike. These are dark to medium green, fine grained and locally are strongly magnetic. Mineralization noted consists of 0 - 7 % pyrite as disseminations and as veinlets.

GEOPHYSICS

VLF-EM SURVEY

A VLF-EM survey was carried out on the property. A geonics EM-16 receiver was used with cutler maine as the transmitting station setting. The frequency from this station is 24 KHZ at a power of 1000 KW.

Readings were obtained of the In Phase and Quadrature signals at station intervals of 66 feet for a combined total of 248 readings. The results of the survey are presented as profiles on a map at a scale of 1 : 1584.

The VLF-EM anomalies are labelled A to D on the prolific map and are described below. Anomaly A extends from station 3.5 on the west claim line to station 4 on line C. It is of moderate strength and appears to dip toward the north. The cause of the anomaly may be an overburden effect caused by the bedrock contact. This anomaly is given a low priority.

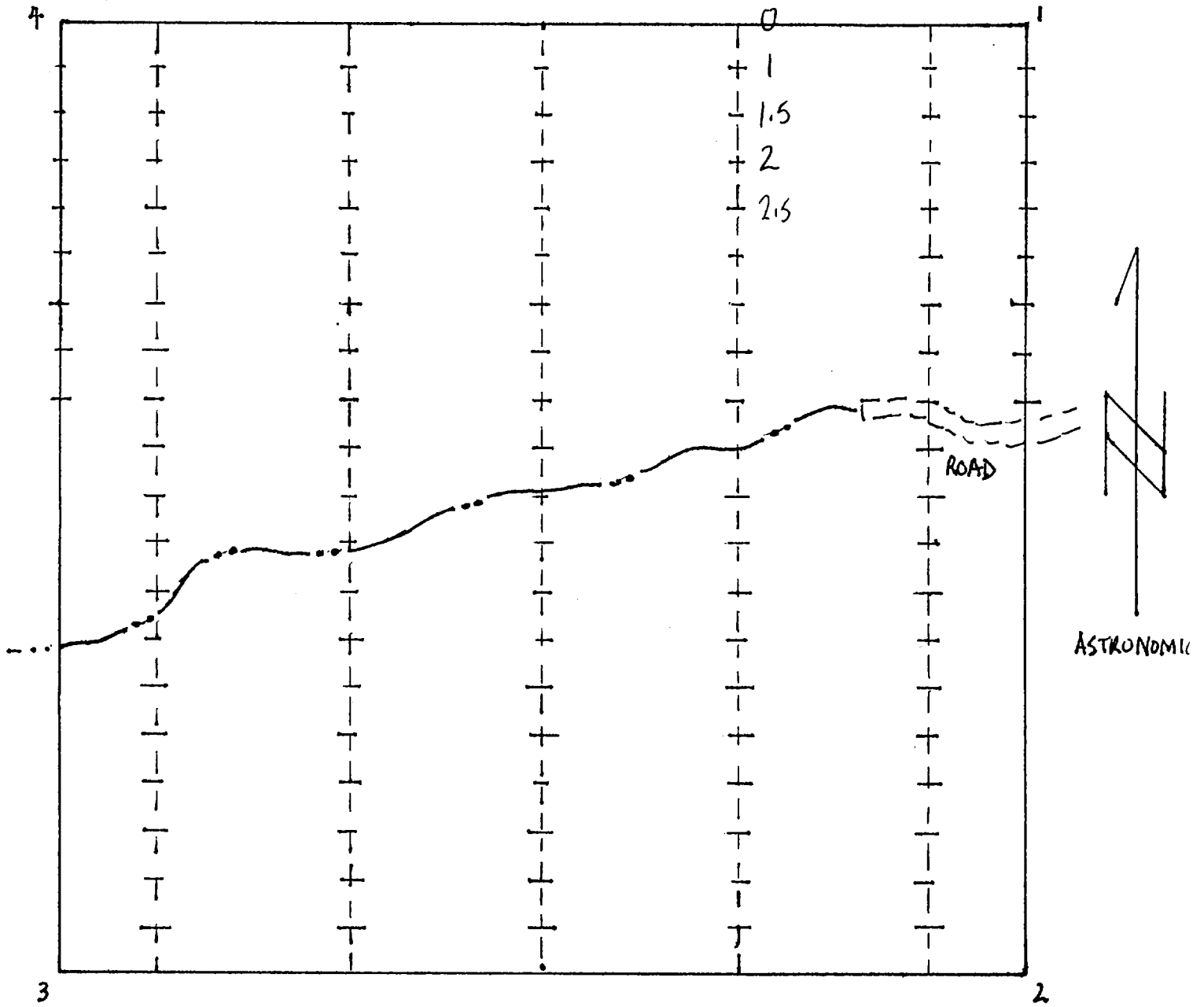
Anomaly B trends east-west from station 4.5 on line B to station 3.5 on the eastern claim line. It has a possible dip toward the north. The anomaly coincides with a swampy area which reduces its significance.

Anomaly C extends from station 8.5 on line D to station 11.5 on line C. It is of a weak and variable character but appears to be a true bedrock feature as there are no coincident swamps. It is given a moderate priority.

Anomaly D extends from approximately station 21 on line E to station 18.5 on line A. It is a very strong conductor and continuous. This character makes a graphitic horizon a possible cause. It also coincides with a major swamp. This conductor is given a low priority.

A north-south linear swamp and creek cuts through the entire claim. Anomalies A, B, and C appear to terminate at this feature which is probably caused by a fault at an azimuth of approximately 350°.

VLF-EM SURVEY GRID



SCALE 1:2500

GRID LINES - - - -
 STATION - +

SKIDDER ROAD ~ ~ ~
 CLAIM LINE —————

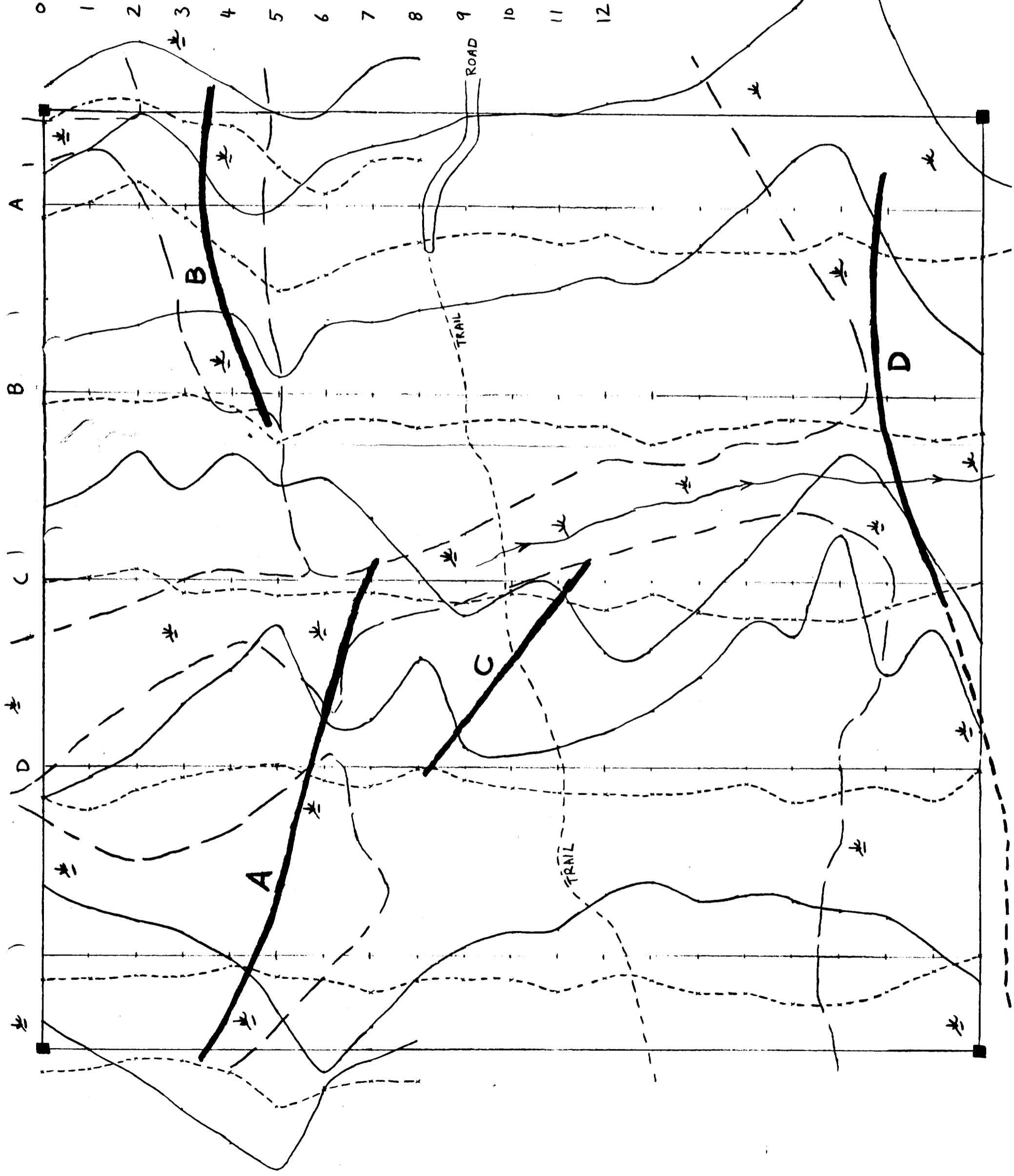
VLF M. DATA:

CUTTLER MAINE NAA 24 KHZ

STATION.	EAST CLAIM LINE		LINE A		LINE B		LINE C		LINE D		LINE E		WEST CLAIM LINE	
	QUAD	IN PHASE	QUAD	IN PHASE	QUAD	IN PHASE	QUAD	IN PHASE	QUAD	IN PHASE	QUAD	IN PHASE	QUAD	IN PHASE
0+0CH	-6	11	-6	14	-5	19	-1	31	-14	-14	-11	29	-10	12
0+1CH	+3	23	2	24	-3	25	1	40	-18	-5	-10	20	-8	0
0+2CH	4	30	10	39	-4	28	4	54	-10	7	-8	14	-4	-12
0+3CH	-4	22	-6	25	-1	35	-6	38	-5	27	-8	9	-5	-25
0+4CH	-6	10	-22	0	-6	34	-4	53	-2	42	-5	-2	-10	-40
0+5CH	-24	-1	-36	1	-26	7	-7	41	2	61	-8	-24	-24	-51
0+6CH	-35	0	-28	18	-12	29	-6	43	-6	20	-10	-50	-18	-17
0+7CH	-21	19	-20	26	-11	32	-6	27	-8	21	-16	-31	-14	-5
0+8CH	-20	23	-16	30	-14	36	-8	4	-2	45	-11	-10	-14	3
0+9CH			-12	38	-12	39	-9	-15	-6	8	-10	3		
0+10CH			-12	40	-11	43	-6	-4	-8	5	-10	10		
0+11CH			-16	39	-13	46	-8	-3	-11	8	-15	12		
0+12CH			-12	45	-13	51	-12	-31	-12	15	-9	26		
0+13CH			-18	47	-22	49	-6	-28	-12	24	-10	32		
0+14CH			-18	54	-16	64	-13	-12	-10	38	-16	23		
0+15CH			-18	70	-13	82	-16	10	10	-7	-16	26		
0+16CH			-18	86	-10	102	-16	32	32	-14	-20	23		
0+17CH			-11	130	-11	106	-17	53	53	-10	-20	19		
0+18CH			-19	78	-16	65	-10	42	42	-8	-15	17		
0+19CH			-22	37	-18	34	-4	11	11	-13	-6	3		
0+20CH			-20	15	-16	18	1	-25	-25	-2	1	-11		

* IN PHASE DIP ANGLE IN PERCENT.

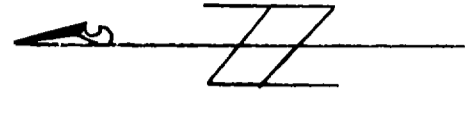
* QUAD - QUADRATURE COMPONENT IN PERCENT.



LEGEND

- CLAIM POST
- SWAMP BOUNDARY
- ANOMALY IN PHASE
- QUADRATURE

Readings Taken while Facing 218°



13 BERNHARDT #1 PROP.
CLAIM 1134054

14 VLF-EM SURVEY
CUTLER, MAINE
24.0 KHZ

16 GEONICS EM-16

17 SCALE 1:1584

19 Gary C. Oster
CUTLER
128°

PROSPECTING



020

PROSPECTING DAILY LOG

PROJECT AREA	DATE	WORK PERFORMED
Bernhardt # 1	June 25 /90	Prospected north central portion of claim (1 sample taken)
		Prospected east central portion of claim (1 sample taken)

LOCATION OF PROSPECTING - Area outlined on claim map
 - Detailed sketch attached

DESCRIPTION OF SAMPLES

Sample Number	Type of sample	Rock Type	Mineralization	Assay	Results
1	GRAB	Tholeiite	None	8 PPB	AU
1.5	GRAB	Tholeiite	None	5 PPB	AU

STRIPPING DAILY LOG

PROJECT AREA	DATE	WORK PERFORMED
Bernhardt # 1	July 21/90	Stripping area, north central portion & east central portion of claim.
	July 22/90	Stripping area, central portion of claim.
	Aug. 3/90	Stripping area, north west central & south central portion of claim.

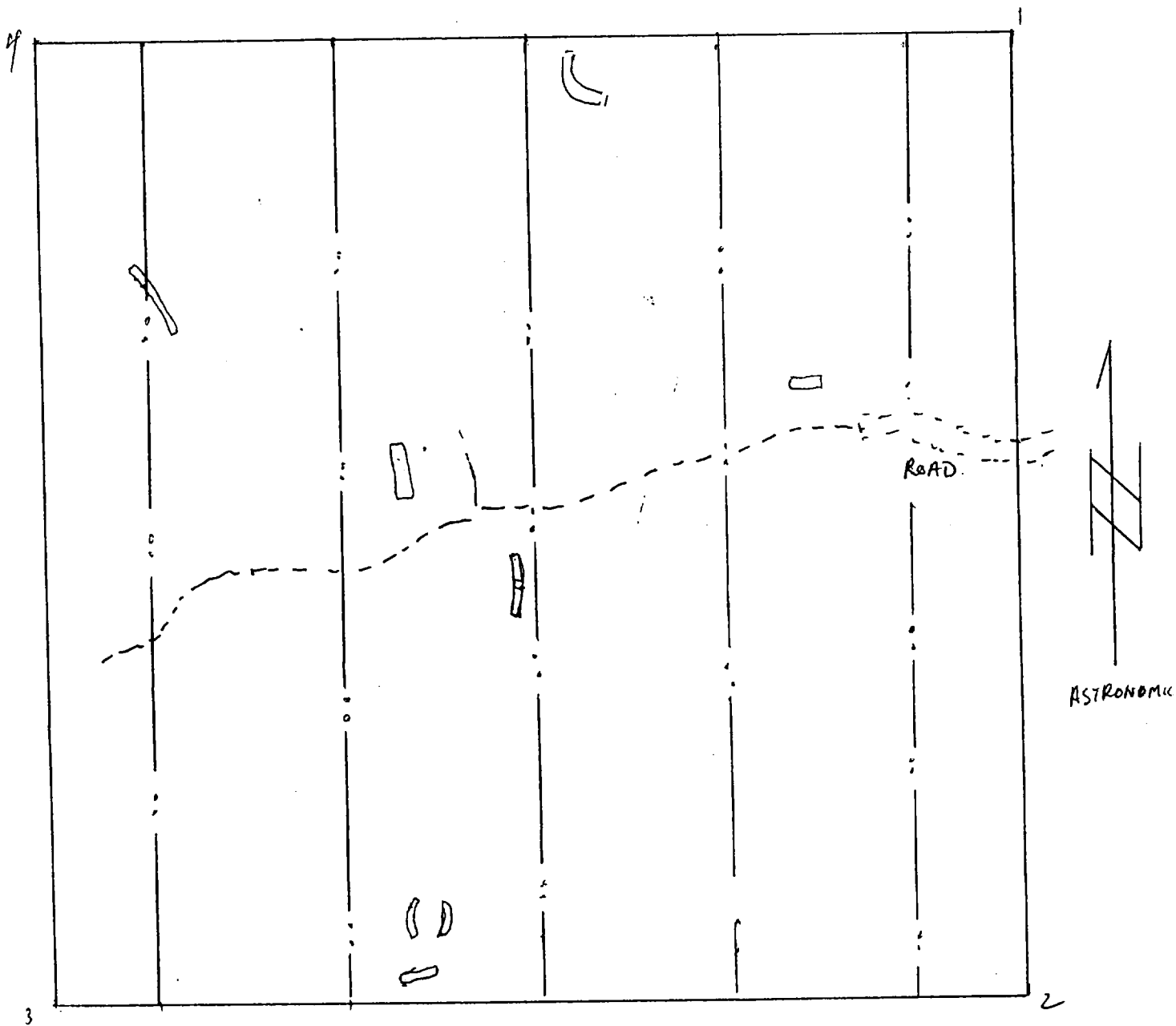
LOCATION OF STRIPPING - SKETCH ATTACHED

SKETCH OF STRIPPING AND SAMPLING - SKETCH ATTACHED

DESCRIPTION OF SAMPLES

Sample Number	Type of Sample	Rock Type	Mineralization	Assay	Results
2	CHIP	Fe-Tholeiite	1/2 % pyrite	<5 PPB	AU
3	CHIP	Tholeiite	None	<5 PPB	AU
4	CHIP	Fe-Tholeiite	1/2 % pyrite	11 PPB	AU
5	CHIP	Pillowed Tholeiite	5 % pyrite	<5 PPB	AU

LOCATION OF STRIPPING AND TRENCHING



SCALE 1:2500

CLAIM No. 1134054

GRID LINES ————

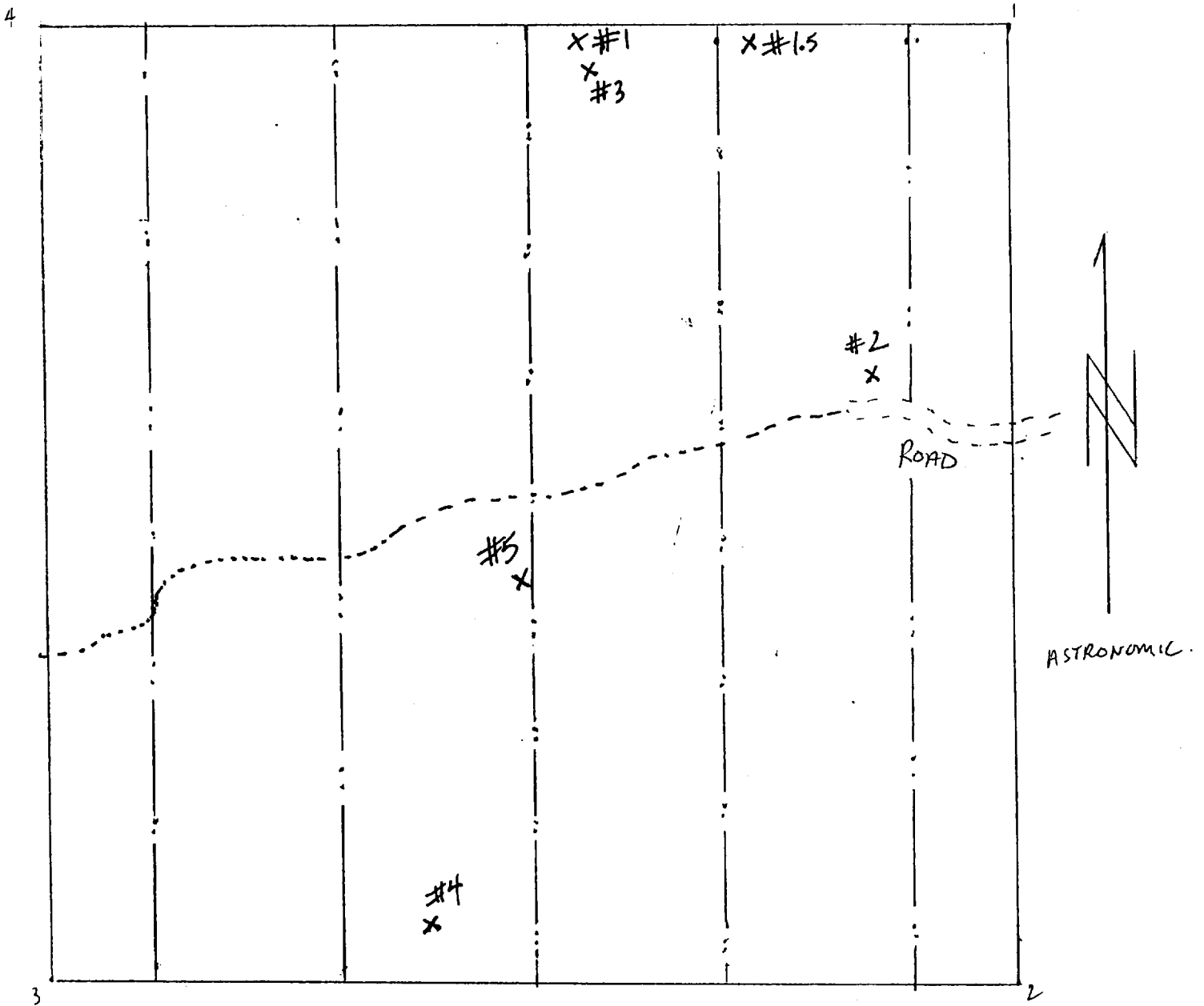
SKIDDER ROAD - - - - -

STRIPPING 

BERNHARDT #1

19

DETAILED LOCATION MAP OF PROSPECTING
SHOWING SAMPLE LOCATIONS.



SCALE 1:2500

Claim No. 1134054

GRID LINES ——— " ———

SKIDDER ROAD - - - - -

BERNHARDT #1

159

DETAILED LIST OF EXPENDITURES

DATE	RECIPIENT OF PAYMENT	EXPLANATION	AMOUNT
ASSAYS			
1. July 6/90	Accur Assay Lab.	Assays	\$ 22.90
2. July 31/90	Accur Assay Lab	Assays	\$ 11.45
3. Aug. 10/90	Accur Assay Lab	Assays	\$ 11.45
4. Aug. 14/90	Accur Assay Lab	Assays	\$ 22.90
5. Aug. 21/90	Accur Assay Lab	Assays	\$ 22.90
6. Aug. 24/90	Accur Assay Lab	Assays	\$ 34.35
7. Nov. 28/90	Accur Assay Lab	Assays	\$ 137.40
8. Dec. 13/90	Accur Assay Lab	Assays	\$ 4.55
			\$ 267.90
EQUIPMENT RENTAL			
July 31/90	Geonics Ltd.	VLf-EM (rental)	\$ 259.20
SUPPLIES			
June 20/90	Bargain Harolds	Drilling Clothes	\$ 1.39
June 22/90	Canadian Tire	Clamp for drill	\$ 5.39
June 22/90	Bargain Harolds	Drilling Clothes	\$ 16.19
July 23/90	Ben Kiasyk	Drill Bits	\$ 210.00
July 31/90	Coles	Grid Paper	\$ 2.15
Aug. 10/90	Zellers	Clipboard/Paper	\$ 13.12
Aug. 14/90	IGA	Drill	\$ 11.44
Aug. 15/90	Metro	Drill	\$ 3.97
Aug. 15/90	IGA	Drill	\$ 8.19
Aug. 17/90	IGA	Drill	\$ 11.01
Aug. 17/90	Petro Canada	Gas	\$ 20.00
Aug. 18/90	IGA	Drill	\$ 12.50
Aug. 19/90	Mr. Gas	Gas	\$ 17.00
			\$ 332.35
CONTRACT/GEOLOGIST			
Jan. 16/91	Barry Otton	Geologist/Report Editing -	
		Consultation	\$ 250.00
Jan. 20/91	Affordable Word Pro	Typing	\$ 30.00
			\$1480.00



#1

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Certificate of Analysis

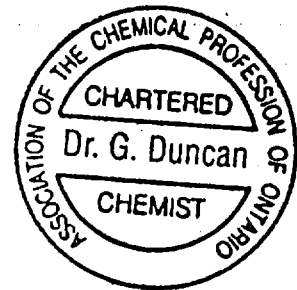
Page: 1

33858 B. Kiazky
109 Federal St.
Kirkland Lake, Ont.
P2N-1G1

Date: July 4 19 90

Work Order # : 900396
Project :

SAMPLE NUMBERS		Gold	Gold
Accurassay	Customer	ppb	Oz/T
219096	0405	5	<0.001 JK-15
219097	0406	8	<0.001 JK-1
219098	B-2-4	14	<0.001
219098	B-2-4	16	<0.001 Check



Per: _____

G. Duncan

ORIGINAL



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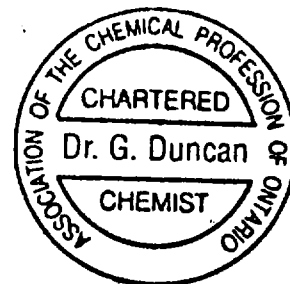
Page: 1

34242 J. Kiazzyk
109 Federal St.
Kirkland Lake, Ont.
P2N-1G1

Date: August 10 19 90

Work Order # : 900517
Project :

SAMPLE NUMBERS		Gold	Gold
Accurassay	Customer	ppb	Oz/T
222405	JK-2	<5	<0.001
222406	JK-3/0418	<5	<0.001
222406	JK-3/0418	<5	<0.001 Check



Per: G Duncan

2/2



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Page: 1

34362 J. Klazyk
109 Federal St.
Kirkland Lake, Ont.
P2N-1G1

Date: ~~August 20~~ 19 ~~90~~

Work Order # : 900546
Project :

SAMPLE NUMBERS		Gold	Gold	
Accurassay	Customer	ppb	Oz/T	
223109	0419	11	<0.001	JK-4
223110	0420	<5	<0.001	
223110	0420	<5	<0.001	Check JK-5

Per: _____

DIAMOND DRILLING

Two diamond drill holes were completed on the property during 1990. DH 1 was collared on line B on the surface trace of VLF anomaly B. It was drilled at an azimuth of 180° at a dip of -45°. The entire hole cut a uniform unit of locally magnetic, pillowed volcanics. The best assay was 24 ppb Au over 10 feet.

DH 2 was collared behind DH 1. It intersected a non-magnetic, pillowed volcanic unit. Pyrite mineralization was noted in pillow selvages. This is probably also the form of mineralization found in the two well mineralized surface samples. The drill hole terminated at the approximate down dip extension of VLF anomaly B. No conductive features were intersected which suggests that the anomaly was wholly caused by the overlying swamp. No significant assays were obtained from DH 2.

CONCLUSIONS

A VLF-EM survey was conducted over this claim and four conductive anomalies were located. Anomaly C is not related to a swamp and is possibly caused by a sulphide concentration in bedrock. The other three anomalies are coincident with swamps and/or have a possible graphitic cause and are therefore of lower priority.

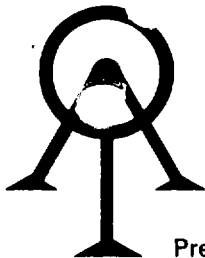
The break in the anomalies at a north-south linear topographic low indicates a fault which has undergone relative displacement.

Two surface rock samples collected from the west margin of this linear feature contained 5 - 7 % disseminated pyrite in brecciated and calcite rich pillow selvages. This may be an indication of mineralized hydrothermal fluid activity along this probable fault. Assays from these samples and others on the property were not encouraging however.

It is noted that mineralization at the Upper Beaver Mine to the east in Gauthier Township is hosted by clastic sediments adjacent to a fault trending at 355°. Chalcopyrite, pyrite and magnetite are found in this ore zone.

RECOMMENDATIONS

It is recommended that a geological survey be carried out to determine the rock types present and their relation to the probable north-south fault. If results are favourable, they should be followed up by a magnetometer survey to detect possible magnetite bearing units. Successful geophysical results should be followed up by a limited drilling program based on the combined results of all data.



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#2

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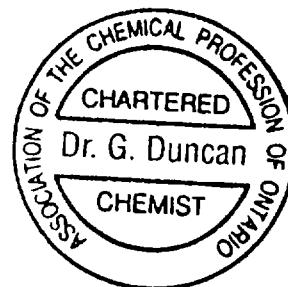
Page: 1

34075 J. Kiazzyk
109 Federal St.
Kirkland Lake, Ont.
P2N-1G1

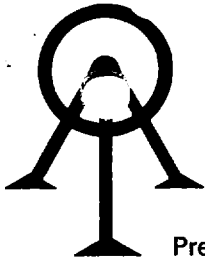
Date: July 31 19 90

Work Order # : 900454
Project :

SAMPLE NUMBERS		Gold	Gold
Accurassay	Customer	ppb	Oz/T
220142	0416	24	0.001
220142	0416	16	<0.001 Check



Per: G. Duncan



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#3

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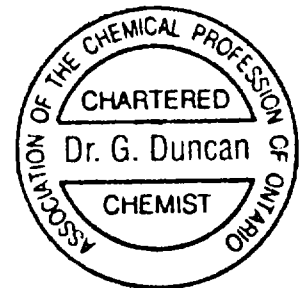
34153 J. Kiazuk
109 Federal St.
Kirkland Lake, Ont.
P2N-1G1

Date: August 7 19 90

Work Order # : 900484
Project :

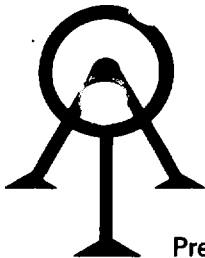
SAMPLE NUMBERS		Gold	Gold
Accurassay	Customer	ppb	Oz/T
221568	0417	<5	<0.001
221568	0417	<5	<0.001 Check

*G600 P1517
75-76'*



Per: *G. Duncan*

2317



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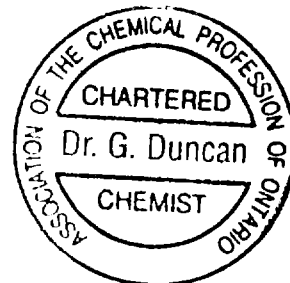
J. Kiazuk
35225 109 Federal St.
Kirkland Lake, Ont.
P2N-1G1

Date: August 22 19 90

Work Order # : 900557A
Project :

SAMPLE NUMBERS Accurassay	CUSTOMER	Gold ppb	Gold Oz/T
223518	0421 JOE	5	<0.001
223519	0422 JOE	7	<0.001
223520	0423 JOE	6	<0.001
223520	0423 60-76	5	<0.001 Check

H + HOLE



Per: G. Duncan

-45'

DH-2

Massive

pillowed, Pyrite

25'-26'2" 6 ppb Au

30'7"-31'6" 6 ppb Au

36'-40' <5 ppb Au, 1 ppm Ag
87 ppm Cu, <1 ppm Pb, 68 ppm Zn

44'-45' 7 ppb Au
46'6"-47'5" 6 ppb Au

52'-52'6" 7 ppb Au

63'6"-64' 9 ppb Au

65'-66'1" 6 ppb Au

69'-70' 7 ppb Au

pillowed

THOLEIITE

Claim No.: 1134054

Azimuth: 180°

Scale: 1 inch = 10 Feet

91'-91'6" 6 ppb Au

94'6"-95'6" 5 ppb Au

98'6"-100' <5 ppb Au
Q-c vein
Carb vein

EQH 115'



ACCUR

KIRK

President: Dr. GEORGE D

DIT-2

LTD.

#7

I.C., M.R.S.C., A.R.C.S.T.

Certi

ISIS

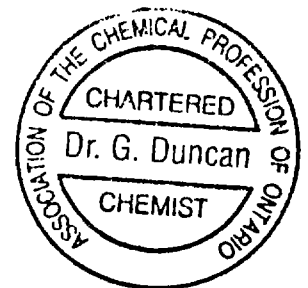
Page: 1

umber 27 _____ 19 90

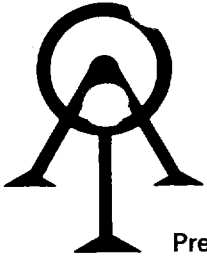
Mr. Klazyk
37463 109 Federal St.
Kirkland Lake, Ont.
P2N-1G1

Work Order # : 900877
Project :

SAMPLE NUMBERS	Customer	Gold ppb	Gold Oz/T	
232138	0440	6	<0.001	
232139	0441	6	<0.001	
232140	0443	7	<0.001	
232141	0444	6	<0.001	
232142	0445	7	<0.001	
232143	0446	9	<0.001	
232144	0448	6	<0.001	
232145	0449	7	<0.001	
232146	0450	6	<0.001	
232147	0451	<5	<0.001	
232147	0451	5	<0.001	Check
232148	0452	<5	<0.001	
232148	0452	<5	<0.001	Check



G. Duncan



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37464 Mr. Klazyk
109 Federal St.
Kirkland Lake, Ont.
P2N-1G1

Date: November 27 19 90

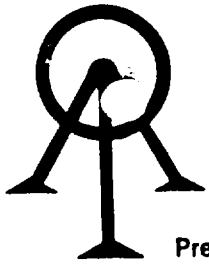
Work Order # : 900877A
Project :

SAMPLE NUMBERS		Gold	Gold
Accurassay	Customer	ppb	Oz/T
232149	0442	<5	<0.001
232149	0442	<5	<0.001 Check



Per: G. Duncan

#8



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Page: 1

Date: December 11 1990

Mr. J. Klaznyk
109 Federal St.
37578 Kirkland Lake, Ont.
P2N 1G1

Work Order #: 900877A
Project :

SAMPLE NUMBERS	Customer	Silver ppm	Copper ppm	Lead ppm	Zinc ppm
232149	0442	1	87	<1	68

Per: _____

Statement of Qualifications

I, Barry C. Otton, residing at 155 Glencairn Avenue, Toronto, Ontario, M4R-1N1, do hereby certify that:

1. I am a graduate of The University of Western Ontario, London, Ontario, with an Honour's B.Sc. degree in Geology (1983).
2. I am a member of the Geological Association of Canada and of the Prospectors and Developers Association.
3. I have been employed in mineral exploration since 1983 of which 3 years has been as a project geologist, working in Ontario, Québec, Northwest Territories and Saskatchewan.
4. This report is based on a review of the data and examination of rock specimens.

Barry C. Otton

January 15, 1991

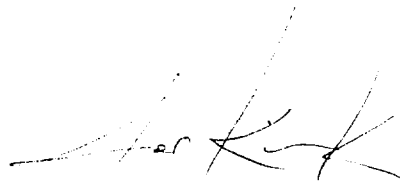
Barry C. Otton BSc

Statement of Qualifications

I, Joseph C. Klazyk hereby certify that:

1. I reside at 78 Walmer Road, Richmond Hill, Ontario, L4C 3X1.
2. That I have sound knowledge in mapping and I am a graduate of Sault College of Applied Arts and Technology (Forestry Technician program).
3. That I have been trained on the proper operation of the Geonics EM 18 VLF receiver, and I am a graduate of Northern College of Applied Arts and Technology (Electronics Technician program).

Richmond Hill, Ontario.
January 18, 1991



Joseph C. Klazyk



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines



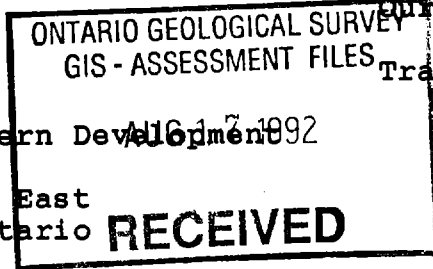
42A01NE0008 2.14602 BERNHARDT

900
Geoscience Approvals Section
159 Cedar Street, 4th Floor
Sudbury, Ontario
P3E 6A5

June 29, 1992

File: 2.14602

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



Transaction #W9280.0093
9280.0094

Dear Sir:

Subject: APPROVAL OF ASSESSMENT WORK SUBMITTED ON MINING CLAIM
L1134054 IN BERNHARDT TOWNSHIP

The assessment work credits for Assays and Geophysics filed under Sections 17 and 14 of the Mining Act Regulations have been approved as originally filed.

The approval date is June 29, 1992.

Please indicate this approval on your records.

Yours sincerely,

Ron C. Gashinski
Senior Manager, Mining Lands
Mines and Minerals Division

Jlj/jl

cc: Resident Geologist
Kirkland Lake, Ontario

Assessment Files Library
Toronto, Ontario

RECEIVED
LARDER LAKE
MINING DIVISION

JUN 30 1992

TIME 8:27 A.M. DM



Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

PV ~~328~~
258.1

FILL IN ON EVERY PAGE
HOLE NO. DH2
PAGE NO.

DRILLING COMPANY: **Joe Kiazzyk**

DATE HOLE STARTED: **Aug. 13 / 90** DATE COMPLETED: **Aug. 18 / 90**

EXPLORATION CO., OWNER OR OPTIONEE: **Howard Lovell**

DATE SUBMITTED: **Howard Lovell**

BEARING OF HOLE FROM TRUE NORTH: **180°**

LOGGED BY: **Howard Lovell**

SUBMITTED BY (Signature): **Howard Lovell**

DIAMOND DRILLING LOG

PROPERTY NAME: **Bernhardt**

LOCATION (Twp., Lot, Con., OR Lot. and Long.): **134054**

FROM	TO	ROCK TYPE	DESCRIPTION	DIP OF HOLE AT COLLAR	LOCATION OF HOLE IN RELATION TO FIXED POINT ON THE CLAIM	MAP REFERENCE NO.
0	115	Tholeiitic basalt	The entire core is Kiojeki's Group tholeiitic basalt (not magnetic therefore Mg-rich?) possibly all being of a single flow cut by a few calcite-epidote stringers. Pyrite is disseminated in material between selvages of adjacent pillows, and between fragments of flow breccia, much of it in greenish black chlorite.	45° collar	190	
0	4	Tholeiitic basalt	Pillow selvages.		396	
4	26	Tholeiitic basalt	Massive fine to medium grained			
26	29	Tholeiitic basalt	Pillow selvages. Clusters of disseminated pyrite in flow breccia and hyaloclastite (broken basalt glass).			
29	115	Tholeiitic basalt	Pillow selvages with hyaloclastite between adjacent selvages, and a little "flow-top breccia".			
52			Quartz vein containing negligible metallics.			
53	53 1/2		Calcite vein stained pink by hematite.			
64			Quartz vein without appreciable amounts of metallic mineralization.			
95	95 1/2		Calcite vein contains epidote.			
99			Quartz-calcite vein.			

PLUMMER FEATURE ANGLE	CORE SPECIMEN FOOTAGE	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM	TO	SAMPLE LENGTH	ASSAYS +
						pph Au
			25'	26'2"	6	
			30'7"	31'6"	6	
			36'	40'		<5 Au, 1ppm Ag, 87ppm Cu, <1ppm Pb, 68ppm Zn
			44'	45'	7	
			46'6"	47'5"	6	
			52'	52'6"	7	
			65'	66'1"	6	
			69'	70'	7	
			91'	91'6"	6	
			94'6"	95'6"	5	
			98'6"	100'	<5	

M.L.

Report of Work Conducted After Recording Claim
Mining Act

Transaction Number
DOCUMENT No.
9280-00093

2.14602

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) JOSEPH CHARLES KIAZYK		Client No. 151944
Address 76 WALMER ROAD RICHMOND HILL, ONTARIO L4C3X1		Telephone No. 416-508-1709
Mining Division LORDEN	Township/Area BERNHARDT TOWNSHIP	M or G Plan No. G 3207
Dates Work Performed	From: JUNE 25 1990	To: AUG 18 1990

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	RECEIVED
Physical Work, Including Drilling	MAY 29 1992
Rehabilitation	
Other Authorized Work	MINING LANDS BRANCH
<input checked="" type="checkbox"/> Assays	FROM DRILLING, & SURFACE SAMPLES - PROSPECTING.
Assignment from Reserve	\$ 268 00

Total Assessment Work Claimed on the Attached Statement of Costs \$ 268 00

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
JOSEPH CHARLES KIAZYK	76 WALMER ROAD RICHMOND HILL, ONTARIO L4C 3X1
BARRY OTTON	155 GLENCAIRN TORONTO, ONTARIO

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date March 30/92	Recorded Holder or Agent (Signature) <i>[Signature]</i>
--	----------------------------	--

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying JOSEPH CHARLES KIAZYK 76 WALMER ROAD RICHMOND HILL, ONT L4C 3X1		
Telephone No. 416 508 1709	Date MARCH 30 1992	Certified By (Signature) <i>[Signature]</i>

For Office Use Only

Total Value Cr. Recorded Reserve \$ 268 00	Date Recorded April 6/92	Mining Recorder <i>[Signature]</i>	Received Stamp MINING DIVISION APR 8 1992 10:43
	Deepled Approval Date July 5/92	Date Approved	
	Date Notice for Amendments Sent		



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des mines

**Statement of Costs
for Assessment Credit**

**État des coûts aux fins
du crédit d'évaluation**

Mining Act/Loi sur les mines

Transmittal No. / Numéro de transmission
DOCUMENT NO.
9280-00093

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type ASSAYS	267.90	
			267.90
Supplies Used Fournitures utilisées	Type		
	RECEIVED		
	MAY 29 1992		
Equipment Rental Location de matériel	Type MINING LANDS BRANCH		
Total Direct Costs Total des coûts directs			267.90

2. Indirect Costs/Coûts indirects

** Note: When claiming Rehabilitation work indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)			267.90
Valueur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)			

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
	× 0.50 =

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Evaluation totale demandée
	× 0,50 =

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as RECORDED HOLDER I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation,

Signature [Signature] Date MAR 30 1992

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number
DOCUMENT No.
9280-00094

ML

W

2.14602

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- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) JOSEPH CHARLES KIAZYK		Client No. 151944
Address 76 WALMER ROAD RICHMOND HILL ONTARIO L4C 3X1		Telephone No. 416-508-1709
Mining Division LARDER LAKE	Township/Area BERNHARDT TOWNSHIP	M or G Plan No.
Date Work Performed From: AUG 1 1990		To: DEC 31 1990

Work Performed (Check One Work Group Only)

Work Group	Type
<input checked="" type="checkbox"/> Geotechnical Survey	LINE CUTTING (1/4 MI), VLF EM GEOPHYSICAL SURVEY
<input type="checkbox"/> Physical Work, Including Drilling	
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	

RECEIVED

MAY 29 1992

MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs \$ 859.00

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
JOE KIAZYK	76 WALMER ROAD RICHMOND HILL, ONTARIO L4C 3X1
BARRY OTTON 416-497-1461	155 GLENCAIRN TORONTO, ONTARIO

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date MARCH 30 1992	Recorded Holder or Agent (Signature) <i>Joe Kiazuk</i>
--	-----------------------	---

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying JOSEPH CHARLES KIAZYK 76 WALMER ROAD RICHMOND HILL ONT L4C 3X1		
Telephone No. 416-508-1709	Date MARCH 30 1992	Certified By (Signature) <i>Joe Kiazuk</i>

For Office Use Only

Total Value Cr. Recorded Reserve \$ 859.00	Date Recorded April 6/92	Mining Recorder <i>[Signature]</i>	Received Stamp RECEIVED LARDER LAKE MINING DIVISION APR 2 1992
	Deemed Approval Date July 5/92	Date Approved	
Date Notice for Amendments Sent			TIME 10:43 a

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	1134054	1
Total Number of Claims		1

Value of Assessment Work Done on this Claim	Value Applied to this Claim
859. 00	
RECEIVED MAY 29 1992 MINING LANDS BRANCH	
Total Value Work Done	859. 00
Total Value Work Applied	

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	859. 00
Total Assigned From	
Total Reserve	859. 00

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

- Credits are to be cut back starting with the claim listed last, working backwards.
- Credits are to be cut back equally over all claims contained in this report of work.
- Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date
---	-----------	------



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des mines

Statement of Costs
for Assessment Credit

État des coûts aux fins
du crédit d'évaluation

Mining Act/Loi sur les mines

DOCUMENT NO
9280-00094

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1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	3010	
	Field Supervision Supervision sur le terrain		3000
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type GEOLOGIST	250.00	
	RECEIVED		250.00
Supplies Used Fournitures utilisées	Type MAY 29 1992		
	MINING LANDS BRANCH		
Equipment Rental Location de matériel	Type VLF-EM	259.20	
			259.20
Total Direct Costs Total des coûts directs			859.20

2. Indirect Costs/Coûts indirects

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Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type TRAVEL	20.00	
			20.00
Food and Lodging Nourriture et hébergement	ACCOMMODATION & MEALS	30.00	30.00
Mobilization and Demobilization Mobilisation et démobilisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			50.00
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excedant pas 20 % des coûts directs)			50.00
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)			859.20
Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)			859.20

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

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- Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

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	x 0.50 =

Remises pour dépôt

- Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
- Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Evaluation totale demandée
	x 0,50 =

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to make this certification

Attestation de l'état des coûts

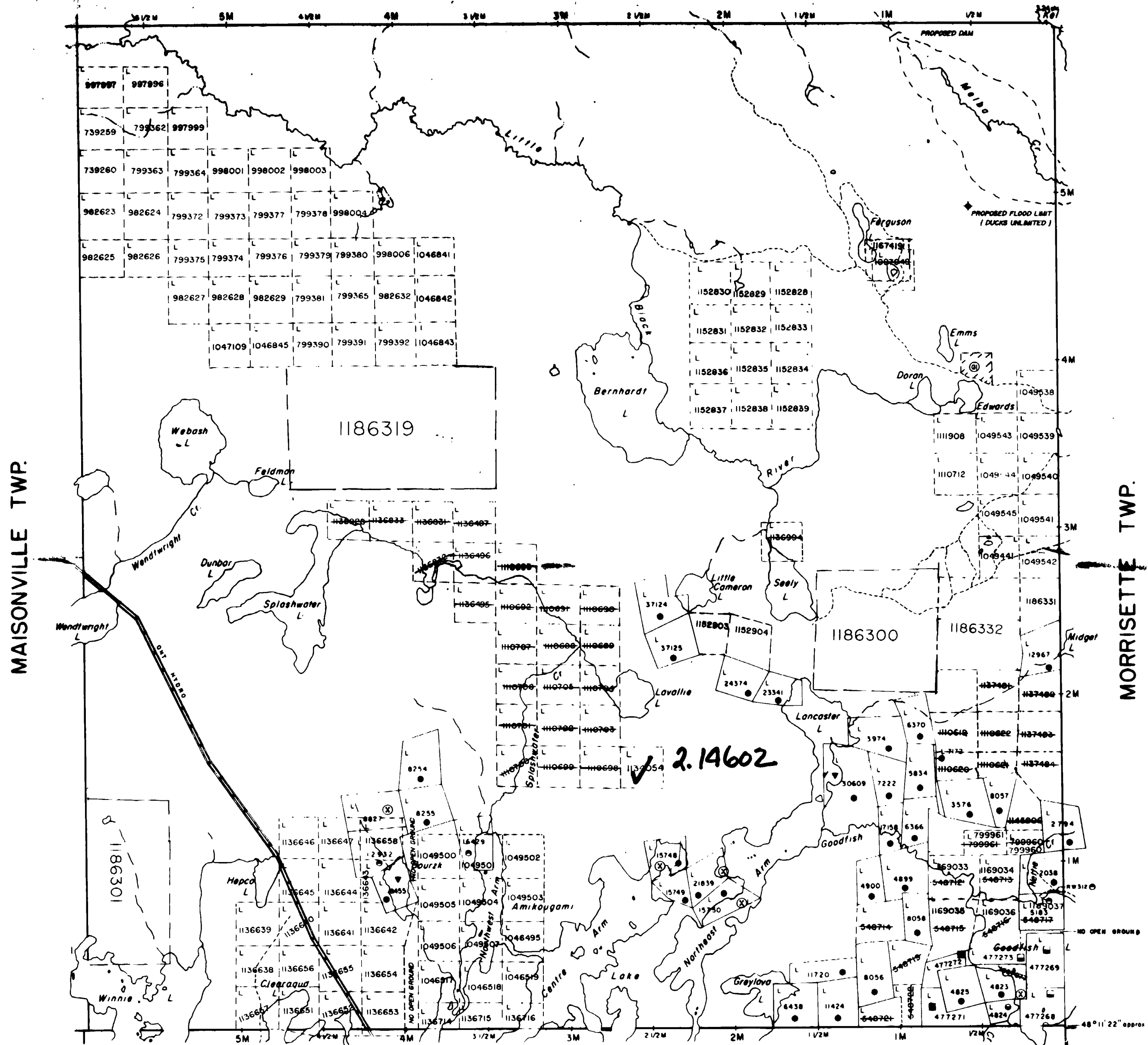
J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature Joe Kirk Date MAR 30 1992

MELBA TWP.



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

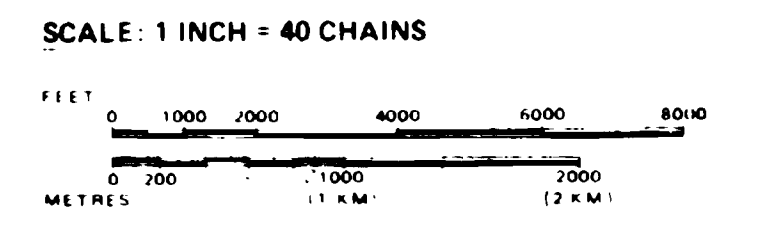
NON-PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION OR COMPOSITE PLAN

RESERVATIONS
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES
TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

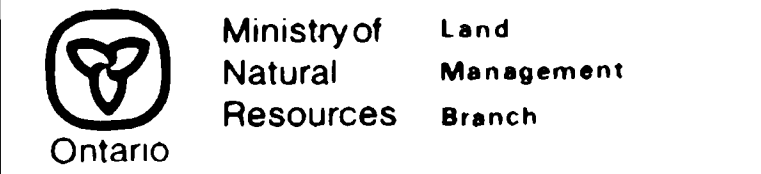
TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	○
" MINING RIGHTS ONLY	◐
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	◼
" MINING RIGHTS ONLY	◻
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	⊙
CANCELLED	⊖
SAND & GRAVEL	⊕

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1



CIRCULATED FEB. 26, 1990

TOWNSHIP
BERNHARDT
M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE
MINING DIVISION
LARDER LAKE
LAND TITLES / REGISTRY DIVISION
TIMISKAMING



Date JANUARY 1985
Number **G-3207**

MINING RIGHTS ONLY
SURFACE RIGHTS ONLY
MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File

SAND and GRAVEL

Ⓢ M.N.R. GRAVEL RESERVE FILE 188522

◆ PENDING APPLICATION (SURFACE RIGHTS) UNDER PUBLIC LANDS ACT

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
TIMISKAMING MANAGEMENT UNIT
AND MAY BE SUBJECT TO FORESTRY OPERATIONS.
THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: P.O. BOX 129
SWASTIKA, ONT.
POK ITO
705-642-3222

COPY OF THIS M.Y. AR
ARCHIVED APR.22/92

TECK TWP.



42A01NE0000 2.14602 BERNHARDT

