



52J02SE8676 2.7327 SOUAW LAKE

010

THE McEDWARDS LAKE PROPERTY  
PATRICIA MINING DISTRICT  
STURGEON LAKE - N.W. ONTARIO  
MORAN RESOURCES CORPORATION

01 83-2-C-129

MINING DIVISION

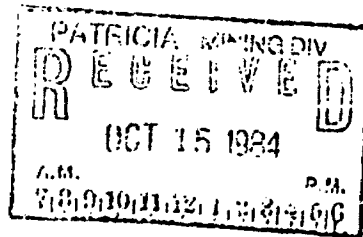


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ENCLOSURES:

- Map of old trenches and sampling
- Geology and trench - sampling map



52J02SE8676 2.7327 SQUAW LAKE

010C

SUMMARY

Exploration work, carried out during the summer of 1983 and consisting of a ground geophysical survey, detailed mapping, backhoe work and detailed sampling, has revealed the presence of a quartz vein potentially about 600 feet long and with a width varying from 2 feet to 5 feet.

Encouraging gold values, ranging from .21 oz per ton Au to .74 oz per ton Au have been encountered over a strike-length of approximately 150 feet.

A follow-up program, consisting of diamond drilling on the quartz vein and a ground geophysical survey covering an airborne anomaly in the lake, is proposed for this winter in an attempt to locate and establish a commercial and mineable orebody.

The cost of this follow-up program in its first phase is estimated at \$55,600.00.

INTRODUCTION

The McEdwards Lake Property is part of a number of claims surrounding McEdwards Lake and Belmore Bay. This property constitutes only a small portion of the holding of Moran Resources Corporation in the Sturgeon Lake Area, NW Ontario.

Early in 1983 the McEdwards Lake Property was selected as one of the two high priority areas in the Moran Resources Corporation's land holdings, the other one being the King Bay Area, including the Bay proper, King Bay peninsula and the islands north of the peninsula, i.e., Little Rainbow Island and the Island of Oz, immediately east of Rainbow Island.

The selection of this property was based on results obtained from previous work, which consisted of:

- 1) A combined airborne electromagnetic, very low electromagnetic (VLF-EM) and magnetic survey of the Sturgeon Lake Area with interpretation and evaluation by Paterson, Grant & Watson.
- 2) Grid surveying, geological examinations, litho-geochemical rock surveying, geochemical lake sediment surveying, prospecting and staking by Trigg, Woollett Consulting Ltd.

- 3) A quick and limited reconnaissance type rock sampling by Norontex in early June of 1983.

The bulk of Norontex exploratory work was conducted on claim 569634 during July and August of 1983.

This consisted of:

1. Grid cutting:  
50 foot grid over principal showings, trenches, extended to 200 foot grid outside the immediate area of pits and trenches; total gridcutting 4.59 line miles.
2. VLF survey over a portion of the 50 foot grid:  
total survey - 1.37 line miles.
3. Sampling of old trenches, pits and shafts, including limited blasting.
4. Backhoe work for 10 days, including mobilization and demobilization; outcrop cleaning with high pressure pump.
5. Detailed "mapping and sampling" of pits, trenches and shafts. Two "one inch equals 20 feet" maps accompany this report.



LOCATION, ACCESS, TOPOGRAPHY AND NATURAL RESOURCES

The centre of Moran Resources holdings is about 50°02'30" latitude and 90°41'00" longitude, N.T.S. 52J2, and is located approximately 130 miles north west of Thunder Bay, Ontario.

The McEdwards Lake Property lies approximately 11 miles east of highway 599, connecting Ignace, Savant Lake and Pickel Lake.

In the summer, access can be achieved by float equipped aircraft from any of the fly-in centres in the region or by boat from Trappers Landing, several miles south of Savant Lake or Asgaard's Lodge at the west arm of Horizontal Bay.

During the winter the property can be reached by ski-equipped aircraft or snowmachine.

The property is characterized by moderate relief with hills generally not exceeding 100 feet. On the hills outcrops are rather plentiful, however in the low lying areas, i.e., the area of interest, most of it is overburden covered, consisting primarily of fine sand and minor boulders.

The main vegetation on the property consist of willows, alders and poplar, jackpine and spruce are abundant on the higher hills and ridges surrounding the property.

HISTORY

Rather surprisingly, there appears to be no written records of any work performed on the McEdwards Lake Property, eventhough there is ample evidence of a substantial amount of old trenches, pits and shafts; a total of 25 were located during the mapping and sampling.

It is postulated that most of this work was carried out during the early 1900's.



TABLE LITHOLOGIC UNITS FOR THE SQUAW LAKE—STURGEON LAKE AREA.

CENOZOIC

QUATERNARY

PLEISTOCENE AND RECENT

Swamp accumulations, sand and gravel

*Unconformity*

EARLY PRECAMBRIAN (ARCHEAN)

INTERMEDIATE AND ALKALIC INTRUSIVE ROCKS

SQUAW LAKE ALKALIC COMPLEX

Alkali feldspar syenite, feldspathic syenite and monzonite, pegmatoid syenite, lamprophyre, meliorite syenite, monzonite, monzonite

STURGEON NARROWS ALKALIC COMPLEX

Biotite pyroxene, pyroxene syenite, biotite, biotite pyroxene nepheline syenite, garnet nepheline syenite, nepheline garnet syenite, leucocratic nepheline syenite, muscovite leucosyenite, lamprophyre, perthite porphyry, xenolithic alkalic syenite, syenodiorite, syenogabbro, xenolithic syenodiorite and syenogabbro, syenite, syenodiorite

*Intrusive Contact*

FELSIC INTRUSIVE ROCKS

VISTA LAKE, FLINDT RIVER, VANESSA LAKE INTRUSIONS

Porphyritic hornblende, biotite hornblende, granodiorite, hornblende, biotite hornblende, granodiorite, quartz monzonite, monzonite, pegmatite, leucocratic granodiorite, monzonite, aplite, feldspathic mobilizates

*Intrusive Contact*

GRANITIC COMPLEXES

Quartz feldspathic, biotite hornblende, biotite, biotite hornblende, hornblende, granodiorite, trondhjemite, porphyritic (porphyroblastic) granodiorite, trondhjemite, massive trondhjemite, granodiorite, xenolithic granodiorite and trondhjemite, pegmatite, feldspathic mobilizates

*Intrusive Contact*

METAMORPHOSED MAFIC INTRUSIVE ROCKS

Gabbro, diorite, feldspar porphyritic gabbro, diorite, amphibole porphyritic gabbro, feldspar porphyritic anorthositic gabbro, diorite

*Intrusive Contact*

METAVOLCANICS AND METASEDIMENTS

METASEDIMENTS

Wacke, arenite, siltstone, argillite, conglomerate, ferruginous metasediments, metasedimentary schists and greenish chert, paramylonite, knotted metasediments, magnesian metasediments, lensitized metasediments

METAVOLCANICS

CARBONATE BRECCIA UNIT

Mixed breccia subunit, layered breccia subunit, isolated breccia subunit

FELSIC TO INTERMEDIATE METAVOLCANICS

Flows, porphyritic flows, tuff, crystal tuff, crystal tuff, autoclastic breccia, chert, tuff, perlite tuff, lapillstone, tuff breccia, pyroclastic breccia, quartz-feldspar porphyry, feldspar quartz porphyry, felsic, spargite flows, schists, phyllites

MAFIC TO INTERMEDIATE METAVOLCANICS

Flows, porphyritic flows, tuff, perlite tuff, lapillstone, autoclastic breccia, hyaloclastite, pyroclastic flows, andesite flows, andesite flows, amphibolite, magnesian metasediments, gabbro, andesite, quartzite, quartz

GEOLOGY, REGIONAL AND LOCAL

REGIONAL

The Sturgeon Lake Area is part of the Wabigoon sub-province of the Superior Province.

For a general overview, Blackburn and Janes (1983) are quoted:

*" The northern portion of the lake hosts more than twenty gold occurrences, aligned along several structural trends. The area is underlain by a roughly north-trending band of mafic to felsic volcanic extrusive and intrusive rocks with trends roughly parallel to the belt boundaries. This trend is truncated at East Bay and King Bay where the foliation and formational boundaries swing to an east-west direction. The section exposed between North and Northeast Bays of Sturgeon Lake consists of a basal basaltic unit overlain to the east by an andesitic to felsic tuffeous assemblage. A major fault with a well defined mylonitic zone extends down Northeast Bay and may extend the length of Sturgeon Lake. A secondary fault or shear zone extends through East Bay and is host to a sulphide zone. Shearing is widespread in King Bay but is not localized in a defined zone. The volcanic rocks have been intruded by sills and stocks of alkalic syenite and nepheline syenite to the south of East Bay. Minor ultramafic sills and at least one possible ultra-*

Regional geology cont'd

*mafic extrusive or fragmental rock has been found in Northeast Bay. The base of the mafic section has been intruded by the Lewis Lake Batholith along North Bay. The batholith is a composite body containing migmatitic, gneissic and leucocratic-equigranular granodiorite phases. Undoubtedly several intrusive phases are present, possibly differing considerably in age, and detailed mapping will be required if reliable age relationships are to be defined. The relative ages of the various phases of the batholith are important because of the structural control of several gold deposits at the granodiorite-volcanic contact."*

A table of lithologic units for the Squaw Lake - Sturgeon Lake Area by Trowell (report 227,1983) is enclosed.

LOCAL GEOLOGY

The rock types found on the McEdwards Lake Property, i.e., claim 569634, consist of the following:

- 1) quartz porphyries
- 2) "coarse" porphyries
- 3) finegrained, highly siliceous porphyries (field term)
- 4) metavolcanics
- 5) brecciated 'dolostone' (field term)
- 6) quartz veins

Ad 1: The quartz porphyries generally occupy the hills surrounding the area of trenches and pits; the porphyry includes units that are intrusive into the various metavolcanic assemblages.

Ad 2: The "coarse porphyries" have only been found in one location, immediately south of pit V and north of trench T. Phenocrysts range in size from .5 cm - 2.5 cm; this rocktype probably corresponds with Trowell's (report 227, 1983) quartz feldspar porphyry from the mixed unit (see page 28, report 227).

Ad 3: The highly siliceous, finegrained porphyries (field term) correspond with Trowell's (report 227, 1983, page 28) "Felsites". These rocks are considered of prime importance due to the fact that they carry invariable fine disseminated pyrite in

Local geology cont'd:

amounts ranging from 2% to 35%.

It is the author's opinion that these finegrained, highly siliceous rocks may well be the contact metamorphosed or metasomatised equivalents of intermediate metavolcanics, through the action of the intrusive quartz porphyries.

There is evidence on the property of transitional phases ranging from these finegrained siliceous somewhat porphyritic rocks to silicified meta-volcanics; this is well demonstrated in the area between 3.00E/2.00E and 1.50N/1.00N.

In general these units trend approximately parallel to the stratigraphy; they are massive, but schistose or foliated in the transitional stages.

Ad 4: The metavolcanics, some found in trench H, are generally observed close to the lakeshore between 3.50E and 0.00. They are thought to be of mafic to intermediate composition.

Ad 5: The brecciated "dolostone" (field term) corresponds with Trowell's "carbonate Breccia unit" (report 227, 1983, page 28).

This unit was observed in only one location on the grid - a small outcrop in the southend of trench Q

- eventhough this unit has been found and traced for several hundreds of feet on the northwest shore of Belmore Bay, south of the narrows. This unit weathers brown, red brown to black with various yellow, orange and green hues; carbonate stringers are plentiful. Trowell considers this unit a volcanogenic sedimentary one of hyaloclastic deposition.

In the initial stage of the McEdward mapping, this unit was named the Todd "Vein": subsequent mapping has clearly demonstrated that the term "Vein" is a misnomer ( see "Mineralization").

As a sedimentary unit the implication of the presence of a potential marker horizon should not be overlooked.

Ad 6: Quartz Veins: There is evidence of at least 2 generations of quartz veining. The main one and the one of economic interest is oriented approximately east-west and ranging in thickness from 2 feet to 5 feet. The second generation, sometimes overprinted and inprinted in the main one, is oriented about north-south with variations of up to 30° either way: thickness of these quartz veins range from a fraction of an inch to 3 inches.

The second generation of quartz veining is interpreted as being formed as a result of north-south faulting and or shearing in the area.

With the exception of the quartz vein in trench M<sub>1</sub> and M<sub>2</sub>, no appreciable gold values have been obtained from this set of quartz veins and veinlets.

STRUCTURE

Trowell (report 227, 1983) recognises at least 3 phases of folding and deformation by faulting for the general area.

Faulting has influenced the trend of the metavolcanics in trenches H and A, which is considered a local phenomenon as they trend almost perpendicular to the trend of the schistose to weakly sheared rocks encountered north of trench J.

Several minor faults are recognized in the mapping area. Of these, only one appears to be of major consequence effecting and off-setting the main quartz vein in the vicinity of trench D, the off-set is estimated to be in the order of 20 to 30 feet and trends  $32^{\circ}$  -  $212^{\circ}$  magnetic.

Subsidiary shears and minor faults paralleling the main one may account for the orientation of the second generation of quartz veinlets.

ECONOMIC GEOLOGY

Gold, being the only metal of economic importance on the property, is found in quartz veins and in the finegrained, pyritiferous, highly siliceous "porphyries" or felsites.

As a general statement it appears that where ever the quartz is in close proximity of well mineralized felsites, gold values increase substantially.

A detailed sampling, undertaken after the backhoe work, substantiates this statement as the highest and frequently higher gold values have been found in trench A and trench J, where quartz veins(s) meet with pyrite rich felsites, with pyrite content reaching up to 35%.

Gold values in the order of .21, .36 and .74 oz per ton Au are recorded. (See geology or trench-sampling map.)

Due to the proximity of the lake, it has been impossible to trace the continuation of the main quartz vein and possible extension of the sulphide iron formation north and west of trench A.

It is of utmost importance to conduct further exploratory work - geophysical and follow-up drilling - during the winter off the ice in an attempt to locate the extent of both the main quartz vein and sulphide zone(s).



GROUND GEOPHYSICAL WORK

Aerodat's airborne geophysical survey (1982) identified two electromagnetic conductors on the McEdwards Lake Property, one on shore and one in the lake. The orientation of those 2 airborne conductors as interpreted previously (the one on shore paralleling the shoreline, the one in the lake perpendicular to the one on shore ) is questioned.

It is almost certain that the gossan rich zone in trench A corresponds with Aerodat's AEM anomaly on shore, even though detailed ground VLF work failed to identify this anomaly. There is good reason to assume that poor alignment of the VLF unit with the submarine station with respect to the trend of the formations caused this failure.

It is highly recommended to extend the grid into the ice in the winter time in an attempt to detail in both conductors with horizontal E-M methods. The presence of high gold values close to the lake and in the lake sediments definitely warrants further work.

CONCLUSIONS AND RECOMMENDATIONS

Detailed geological work and trench sampling have indicated the presence of substantial gold values on the McEdward Lake Property.

High gold values appear to occur in close association with quartz veins(s) coupled with sulphide iron formation.

The summer work prohibited follow-up work under the lake. Therefore it is imperative that further exploration work - geophysical and drilling - be carried out during the winter months off the ice as the higher gold values occur close to the lake.

A second airborne E-M anomaly in the lake deserves close scrutiny: the importance of the lake work is further enhanced by the results of the lake sediment sampling, conducted in 1982, when high gold values were reported.

Should the proposed geophysical lake survey outline any targets, a minimum of 3 holes (or 1000 feet of diamond drilling ) is recommended.

For the main quartz vein on land a minimum of 4 holes is recommended.

PROJECTED COSTS

GROUND GEOPHYSICAL WORK

(on lake)

Grid establishment 4 miles	\$1,000.00
Geophysics - magnetometer	600.00
Geophysics - Max-Min, 2 directions	<u>2,000.00</u>
	\$3,600.00

DIAMOND DRILLING:

A) Main quartz vein on land

4 holes, total 915 feet @ \$20 per foot	\$18,300.00
Mobilization and demobilization	4,000.00
Engineering, assaying, and misc.	<u>4,700.00</u>
	\$27,000.00

For location of drill holes: see geology and trench sampling map.

B) Lake Drilling, subject to the presence of targets

outlined by the ground geophysical survey

1000 feet of diamond drilling	\$20,000.00
Engineering, assaying and misc.	<u>5,000.00</u>
	\$25,000.00

RECAPITULATION:

Ground geophysical surveys	\$ 3,600.00
Land drilling	27,000.00
Lake drilling	<u>25,000.00</u>
TOTAL	\$55,600.00

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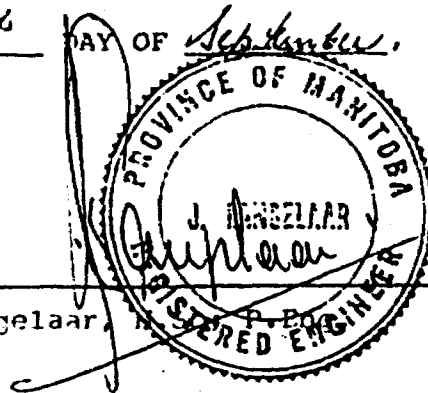
CERTIFICATE OF QUALIFICATION

I, Joop Langelaar, of the Town of Dryden in the Province of Ontario, do hereby certify that:

- 1) I am a consulting geologist and reside at #3 Bedworth Road, Dryden, Ontario.
- 2) I am a Professional Engineer of the Province of Manitoba.
- 3) I am a graduate of the State University of Utrecht, the Netherlands, and hold a Bachelor of Science Degree and a Master of Science Degree in geology and sedimentology.
- 4) I have been practising my profession as a Geologist since 1966.
- 5) I have no interest, either direct or indirect in the property described in this report and do not expect to receive, either directly or indirectly any interest in the securities of Moran Resources Corporation or its affiliates.
- 6) The accompanying report is based on a study of all reports and maps available of the general area together with several prolonged visits to the property.

DATED AT DRYDEN, ONTARIO, THIS 12<sup>th</sup> DAY OF September, 1983

J. Langelaar



STATEMENT / ÉTAT DE COMPTE Aug 8, 83

STATEMENT / ÉTAT DE COMPTE AUG. 15-83

M Norontex

M Norontex

Dryden, Ont.

Dryden, Ont.

PATRICIA MINING DIV.  
**RECEIVED**  
OCT 15 1984  
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In Account With Custom Fire Assaying  
Dolt A  
Box 253  
Cochenour, Ont. POV 1LO

In Account With Custom Fire Assaying,  
Dolt A  
Box 253  
Cochenour, Ont. POV-1LO

DATE	DESCRIPTION INVOICE #. PARTICULARS ETC. NUMERO DE FACTURE. PARTICULARITÉS ETC.	DEBIT DÉBIT	CREDIT CREDIT
	59 Samples at \$8.00 Ea.	472 00	
	<i>McGowan</i>		
	<i>McGowan</i>		
	<i>Paid cheque 131</i>		
	<i>Aug. 12/1983</i>		
	<i>110/567/1112</i>		

DATE	DESCRIPTION INVOICE #. PARTICULARS ETC. NUMERO DE FACTURE. PARTICULARITÉS ETC.	DEBIT DÉBIT	CREDIT CREDIT
	81 Samples Au. at \$8.00	648 00	
	7133 to 7159 <i>McGowan</i>		
	7301 to 7354		
	7301-7330 <i>McGowan</i>		
	57 Samples = \$456		
	110/567/1112		
	<i>paid Aug 17</i>		
	<i>cheque # 134</i>		

TERMS / CONDITIONS

BALANCE 482 00  
BALANCE PAST DUE  
BALANCE PASSÉ DÙ

TERMS / CONDITIONS

BALANCE 648 00  
BALANCE PAST DUE  
BALANCE PASSÉ DÙ



900





NORONTEX EXPLORATIONS LTD.

R.R. NO. 1, BOX 7, SITE 11  
DRYDEN, ONTARIO P8N 2Y4

134

Aug. 17 1983

PAY TO THE ORDER OF Custom Fire Assaying \$ 648.00

SUM OF -----six hundred and fourty eight----- <sup>100</sup> DOLLARS

RE: your invoice of aug.15,83



CANADIAN IMPERIAL  
BANK OF COMMERCE  
DRYDEN, ONT.

NORONTEX EXPLORATIONS LTD.

*[Handwritten Signature]*

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NORONTEX EXPLORATIONS LTD.  
R.R. NO. 1, BOX 7, SITE 11  
DRYDEN, ONTARIO P8N 2Y4

131

Aug 12 1983

PAY TO THE  
ORDER OF

Custom Fire Assaying

AUG 15 1983 PAID

\$ 472.00

SUM OF

only four hundred and seventy two

00 / 100 DOLLARS

RE:

110/567/112



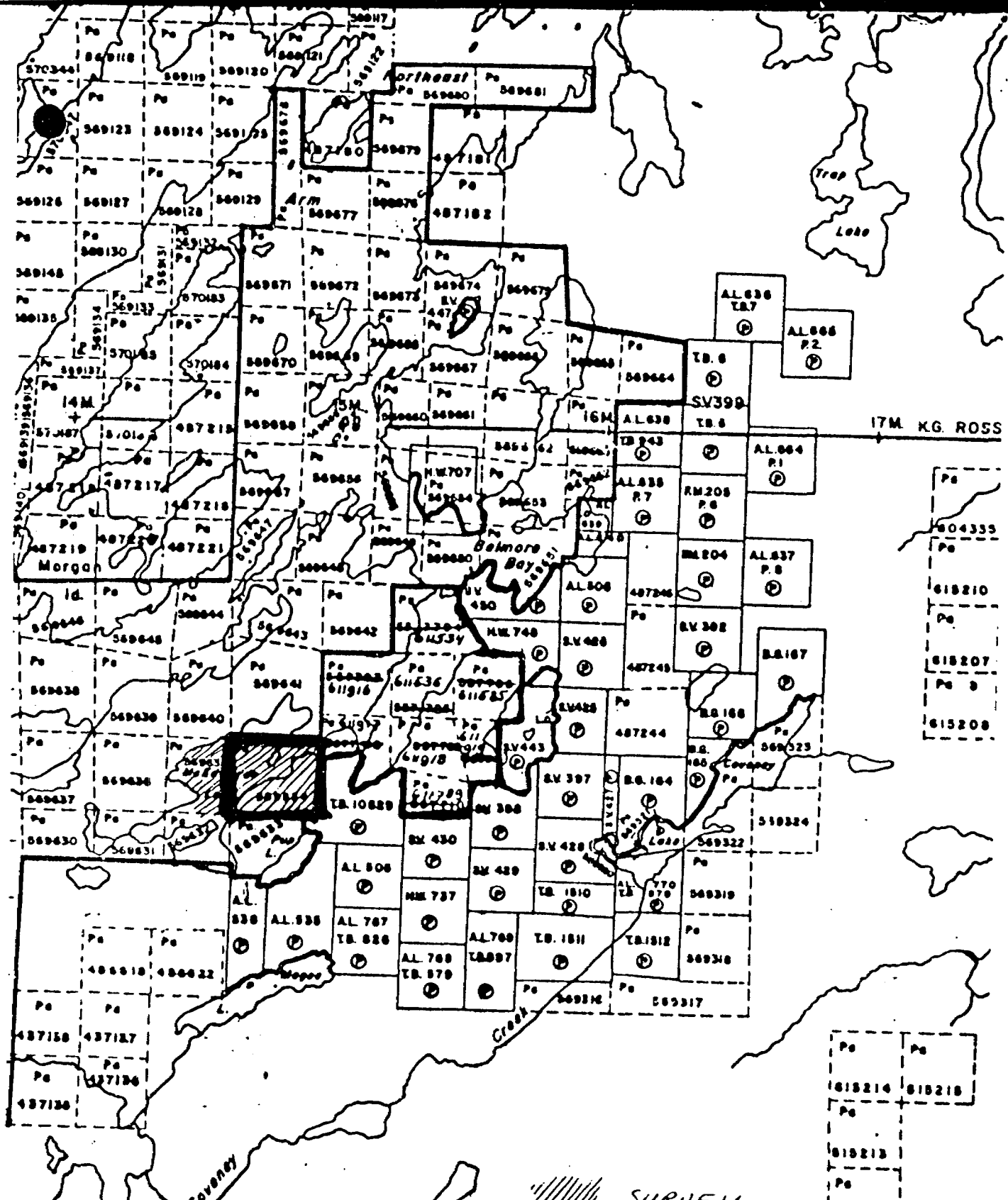
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PATRICIA MINING DIV  
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////// SURVEY AREA

SQUAW LAKE  
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 AL 666 P. 2

AL 638 TR 8

AL 644 P. 1

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Revised Jan. 4/85  
#84-147

Do not use shaded areas below.

Ontario  
file

The Mining Act

2.7327

Type of Survey(s) <b>Geological</b>	Township or Area <b>Squaw Lake G3140</b>
Claim Holder(s) <b>Moran Resources Corporation</b>	Prospector's Licence No.
Address <b>Executive office: P.O.Box 458, St. Andrews East, P.Q. JOV 1X0</b>	
Survey Company <b>Norontex Exploration Ltd. Dryden</b>	Date of Survey (from & to) <b>7 7 83 11 8 83</b> Day   Mo.   Yr.   Day   Mo.   Yr.
Name and Address of Author (of Geo-Technical report) <b>J. Langelaar, RR 1 Site 11 Box 7, Dryden Ont. P8N 2Y4</b>	
Total Miles of line Cut <b>4.59</b>	

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

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

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
Pa	569631	2.82		611916	2.82
	569632	2.82		611917	2.82
	569633	2.82		611918	2.82
	569634	2.82		611919	2.82
	569635	2.82			
	569636	2.82			
	569640	2.82			
	569641	2.82			
	569642	2.82			
	569649	2.82			
	569650	2.82			
	569651	2.82			
	569653	2.82			
	569654	2.82			
	611534	2.82			
	611535	2.82			
	611536	2.82			
	611789	2.82			

Expenditures (excludes power stripping)  
Type of Work Performed **Section 77-19 assaying of 116 samples**

Performed on Claim(s) **Pa 569634**

Calculation of Expenditure Days Credits  
Total Expenditures **\$ 928.-** ÷ **15** = **62** Total Days Credits

Instructions  
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date **Aug 7 1984** Recorded Holder or Agent (Signature) *[Signature]*

PATRICIA MINING DIV.  
**RECEIVED**  
OCT 15 1984  
A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

Pa. 569630 Total number of mining claims covered by this report of work **15**

For Office Use Only  
Total Days Cr. Recorded **62** Date Recorded **Oct. 15, 1984** Mining Recorder *[Signature]*  
Case Approved as Recorded **399** Date Approved as Recorded **8.1.14**

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

Name and Postal Address of Person Certifying **J. Langelaar, RR 1 Site 11 Box 7, Dryden Ont. P8N 2Y4**

Date Certified **Aug 7, 1984** Cert. No. *[Signature]*

#84-147

Instructions - Read carefully...  
Note - Only days credited...  
Do not use shared area...

27327

The Mining Act

Type of Survey(s) <b>Geological</b>	Township or Area <b>Squaw Lake G3140</b>
Claim Holder(s) <b>Moran Resources Corporation</b>	Prospector's Licence No.
Address <b>Executive office: P.O.Box 458, St. Andrews East, P.Q. J0V 1X0</b>	
Survey Company <b>Norontex Exploration Ltd. Dryden</b>	Date of Survey (from & to) 7 7 83 11 8 83 Day Mo. Yr. Day Mo. Yr.
Name and Address of Author (of Geo-Technical report) <b>J. Langelaar, RR 1 Site 1a Box 7, Dryden Ont. P8N 2Y4</b>	
Total Miles of line cut <b>4.59</b>	

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Electromagnetic	
	Magnetometer	
	Radiometric	
For each additional survey: using the same grid: Enter 20 days (for each)	Other	
	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	Electromagnetic	
	Magnetometer	
	Radiometric	
	Other	
	Geological	15.32
	Geochemical	60.7
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
Pa	569631	2.82		611916	2.82
	569632	2.82		611917	2.82
	569633	2.82		611918	2.82
	569634	2.82		611919	2.82
	569635	2.82			
	569636	2.82			
	569640	2.82			
	569641	2.82			
	569642	2.82			
	569649	2.82			
	569650	2.82			
	569651	2.82			
	569653	2.82			
	569654	2.82			
	611534	2.82			
	611535	2.82			
	611536	2.82			
	611789	2.82			

Expenditures (excludes power stripping)

Type of Work Performed  
**assaying of 116 samples Section 77-19**

Performed on Claim(s)  
**Pa 569634**

Calculation of Expenditure Days Credits

Total Expenditures **\$ 928.-** ÷ **15** = **62** Total Days Credits

PATRICIA MINING DIV.  
**RECEIVED**  
OCT 15 1984  
A.M. 7, 8, 9, 10, 11, 12, 1, 2, 3, 4, 5, 6 P.M.

**Pa. 569630**

Total number of mining claims covered by this report of work. **22**

Instructions  
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date \_\_\_\_\_ Recorded Holder or Agent (Signature) \_\_\_\_\_

For Office Use Only

Total Days Cr. Recorded **399** Date Recorded **Oct. 15, 1984** Mining Recorder \_\_\_\_\_

Date Approved as Recorded \_\_\_\_\_ Branch Director \_\_\_\_\_

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying **J. Langelaar. RR 1 Site 11 Box 7, Dryden Ont. P8N 2Y4**

Date Certified **Aug. 7, 1984** Certifying (Signature) \_\_\_\_\_





F.W.M.  
Mining 'Bands

Work  
(in Geological,  
Geochemical and Expenditures)

#85-1

2.7327

Note: Only days credited in the "Expenditures" section of this report in the "Expend Days Credits" section. Do not use shaded area below.

Ontario  
file

Mining Act

Type of Survey(s) **Geological** Town or Area **Squaw Lake G3140**

Claim Holder(s) **Moran Resources Corporation** Prospector's Licence No.

Address **POBox 458 St Andrews East, Que, JOV 1X0**

Survey Company **Norontex Exploration Ltd, Dryden** Date of Survey (from A to) **2, 7, 83** to **17, 8 83** Total Miles of line cut

Name and Address of Author (of Geo. Technical report) **J. Langelaar R.R.#1, box 7 site 11 Dryden - Ont. P8N 2Y4**

Credits Requested per Each Claim in Columns at right

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

Mining Claims Traversed (List in numerical sequence)

Mining Claim		Expend Days Cr.	Mining Claim	
Prefix	Number		Prefix	Number
Pa.	611534	57.18		
	611535	57.18		
	611536	57.18		
	611789	57.18		
	611916	57.18		
	611917	57.18		
	611918	57.18		
	611919	57.18		

PATRICIA MINING DIV.  
**RECEIVED**  
JAN - 4 1985  
A.M. P.H.  
7|8|9|10|11|12| 1|2|3|4|5|

RECEIVED

JAN 11 1985

MINING LANDS SECTION

Expenditures (excludes power stripping)

Type of Work performed **Section 77-19 sampling/trenching supervis.**

Performed on Claim(s) **PK 569634**

Calculation of Expenditure Days Credits

Total Expenditures **\$ 7100** Total Days Credits **15 = 473**

Instructions  
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

**P. 569630**

Total number of mining claims covered by this report of work. **8**

For Office Use Only

Total Days Cr. Recorded **457** Date Recorded **Jan. 4, 1985** Mining Recorder **[Signature]**

Date Approved by Receiver **85.1.14**

Date Certified **Jan 3, 1985** **[Signature]**

Date **Jan 3, 1985** Recorder (Holder or Agent) (Signature) **[Signature]**

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying **R. van Erk, R.R.#1, box 7, site 11 Dryden - Ont. P8N 2Y4**

## Assessment Work Breakdown

Man Days are based on eight (8) hour Technical or Line-cutting days. Technical days include work performed by consultants, draftsmen, etc..

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim
<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 20px; height: 20px;" type="text" value="7"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim
<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 20px; height: 20px;" type="text" value="7"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim
<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 20px; height: 20px;" type="text" value="7"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim
<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 20px; height: 20px;" type="text" value="7"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>		<input style="width: 50px; height: 20px;" type="text"/>

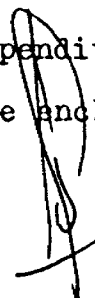
Mapping, sampling, supervision clearing & trenching, reconnaissance

Langelaar July 7 - August 11	17 days @ \$225.00 per day	\$3825.00
van Enk July 7 - August 11	14 days @ \$100.00 per day	\$1400.00
T. Nickel August 2 - August 11	10 days @ \$75.00 per day	\$750.00

Report preparation, mapdrafting etc.

Langelaar August 13 - August 17	5 days @ \$225 per day	\$1125.00
Total		\$7100.00

NOTE: These expenditure credits in addition to the expenditure credits FOR ASSAYING @ \$928.00 resulting in 62 days - see enclosure.



### Assessment Work Breakdown

Man. Days are based on eight (8) hour Technical or Line-cutting days. Technical days include work performed by consultants, draftsmen, etc..

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim
46				322		15		337				

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim

Type of Survey												
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim

mapping, sampling, supervision of clearing and trenching, reconnaissance

J.Langelaar    july 7-august 11(with interruptions)    17 days

R. van Enk    july 7-august 11(with interruptions)    14 days

T. Nickle    august 2-august 11    10 days

report preparation, drafting

J.Langelaar    august 13-august 17    5 days

Total    46 days

grid cutting 4.59 linemiles

R. Henning, Toronto    15 days

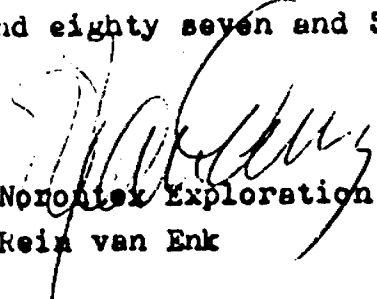
Moran Resources Corp.  
attn Mr. John Moran, Pres.  
P.O. Box 458  
St. Andrews East, Que. J0E 1X0

Dryden, sept. 16, 1983

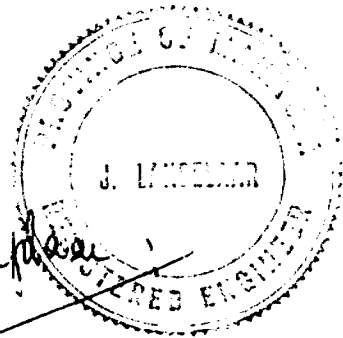
INVOICE

Preparation McEdwards Lake Report, 7 days @ \$225	\$ 1557.50
Preparation King Bay Report, 4 days @ \$225	\$ 900.-
TOTAL	\$1687.50

(sixteen hundred and eighty seven and 50/100)

  
Nonolox Exploration Ltd  
Rein van Enk

Jan 3, 1985 Copy



Moran Resources Corporation  
Box 458  
St. Andrews East, Que. JOV 1X0

Dryden, february 23, 1984

INVOICE

re: evaluation and recording of assessment work Sturgeon Lake property

assessment records search in Sioux Lookout, report	
copying, preparing of applications, 5 days @ 225	\$ 1125.-
travel, phone	\$ 47.-
270 copies	\$ 40.50
20 blue prints	\$ 50.-

Total \$ 1262.50

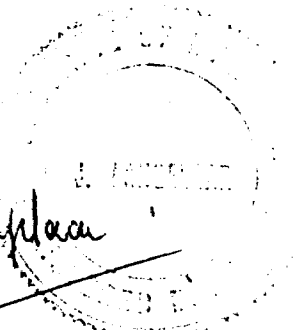
(one thousand two hundred and sixty two and 50/100  
dollars)

*[Signature]*  
R. van Enk  
Norontex Exploration Ltd.

*paid march 1984*

*Jan 3, 1985*  
*copy*

*[Signature]*



0402

NORONTEX EXPLORATION LTD.  
R. 1 BOX 7 SITE 11  
DRYDEN, ONT. P8N 2Y4

Aug 31 1984

PAY TO THE ORDER OF TODD NICHEL

SUM OF SEVEN HUNDRED AND FIFTY AND 00/100 \$ 750.  
DOLLARS 100

FOR CANADIAN IMPERIAL BANK OF COMMERCE  
DRYDEN, ONT.

NORONTEX EXPLORATION LTD.

Per: [Signature]

⑆02097⑆010⑆ 70⑆00014⑆

⑈0000075000⑈

Copy. Jan 3, 1985

PROVINCE OF ONTARIO  
J. LANGRISH  
[Signature]

October 26, 1984

Your File: 84-147  
Our File: 2.7327

Mining Recorder  
Ministry of Natural Resources  
P.O. Box 309  
Court House  
Sioux Lookout, Ontario  
POV 2T0

Dear Sir:

We received reports and maps on October 22, 1984 for a Geological Survey and Data for Assaying on Mining Claims Pa-569631 et al in the Area of Squaw Lake.

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

Yours sincerely,

S.E. Yundt  
Director  
Land Management Branch

Whitney Block, Room 6643  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: (416)965-4888

D. Kinvig:ig

cc: Moran Resources Corporation  
P.O. Box 458  
St. Andrews East  
Quebec JOY 1X0

cc: Norontex Explorations Ltd.  
R.R. 1, Site 11, Box 7  
Dryden, Ontario P8N 2Y4.

Attn: J. Langelaar

November 8, 1984

File: 2.7327

Moran Resources Corporation  
P.O. Box 458  
St. Andrews East, Quebec  
J0V 1K0

Dear Sirs:

RE: Geological Survey and Data for Assaying  
submitted on Mining Claims PA 569631 et  
al in the Squaw Lake Area

---

Returned herein are the plans (in duplicate) for the  
above-mentioned survey. In order to complete your  
submission, the following information is required  
(in duplicate):

1. receipts or cancelled cheques as proof of  
payment for expenditures claimed (\$928.00)
2. claim lines and numbers to be shown on plans
3. on the plans, please show assay results or  
sample numbers with corresponding list of  
assay results

When submitting this material, please quote file  
2.7327.

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

Yours sincerely,

S.E. Yundt  
Director  
Land Management Branch

Whitney Block, Room 6643  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: (416)965-4888

S. Hurst:mc

cc: Mining Recorder  
Sioux Lookout, Ontario

cc: J. Langelaar  
R.R.#1  
Site 11, Box 7  
Dryden, Ontario  
P3N 2Y4

Encl.



2.7327



# MORAN RESOURCES CORPORATION

600 - 890 W. PENDER STREET,  
VANCOUVER, BRITISH COLUMBIA

RE: V6C 1K4  
 Lead  
 COMMENTS PLEASE  
 NOV 30 1984  
 W. L. GOOD  
 BROCK

November 27, 1984  
St. Andrews East, P.Q.

Mr S.E. Yundt  
Room 6643 Whitney Block,  
Queen's Park,  
Toronto Ontario Canada.  
M7A 1W3

**RECEIVED**

NOV 30 1984

Dear Sir:

RE: Your letter Nov.8/84  
File: 2.7327

MINING LANDS SECTION

Enclosed please find copies of cancelled cheques covering payment for expenditures claimed. Maps showing claim lines and numbers and plans showing assay results.

Should the enclosed not be sufficient please do let us know and we will oblige by sending whatever information is still require.

Yours Very Truly

John Moran  
president

December 14, 1984

File: 2.7327

Moran Resources Corporation  
P.O. Box 458  
St. Andrews East, Quebec  
JOY 1X0

Dear Sirs:

RE: Geological Survey and Data for Sampling  
submitted on Mining Claims PA 569634 in  
the Area of Squaw Lake

---

This survey cannot be assessed for geological credits  
as it is more properly classified as a property evaluation.

It may be assessed under Section 77(19) for the professional  
fees, provided you submit receipts or cancelled cheques  
verifying the amount spent on the property evaluation.

I apologize for having to write a second time on this  
matter. I assure you that upon receipt of the above  
information, assessment of the survey will be done promptly  
and a statement of approved credits will be issued.

Yours sincerely,

S.E. Yundt  
Director  
Land Management Branch

Whitney Block, Room 6643  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: (416) 965-4888

D. Kinvig:mc

cc: Moran Resources Corporation  
Suite 600  
890 West Pender Street  
Vancouver, B.C.  
V6C 1K4

cc: J. Langelaar  
R.R.#1  
Site 11, Box 7  
Dryden, Ontario  
P8N 2Y4

cc: Mining Recorder  
Sioux Lookout, Ontario  
File: 84-147

**Norontex** exploration ltd.

**RECEIVED**

<b>RECEIVED</b>	
Land Management Branch	
CIRCULATE	<input type="checkbox"/>
COMMENTS PLEASE	<input type="checkbox"/>
BY	
JAN - 9 1985	
S. E. YUNDT	
J. R. MORTON	
J. C. SMITH	
W. L. GOOD	
M. HOGAN	
W. P. BROOK	
FORM 10 R. 0643	

JAN 09 1985

Ministry of Natural Resources  
 Attention: Mr. S.E.Yundt, Director  
 Whitney Block, Room 6643  
 Toronto - Ontario  
 M7A 1W3

**MINING LANDS SECTION**

January 3, 1985

RE: File 2.7327 - Geological survey for sampling submitted on  
 Mining claim PA 569634 in the area of Squaw Lake.

Dear Mr. Yundt,

The work performed on claim PA 569634 is re-submitted  
 under section 77(19) as follows:

(During 1983, Norontex' charges per day were \$225.00 for geologist in  
 charge, whereas technical assistance was charged at \$100 per day  
 for R.van Enk M.Sc, Director in Norontex and \$75.00 for outside  
 help: in this case Mr. T.Nickel)

Mapping, sampling, supervision of clearing & trenching, reconnaissance -		
Langelaar, july 7 - august 11 (with interruptions)	17 days @ \$225	\$3825
Van Enk , july 7 - august 11 ( - - )	14 days @ \$100	\$1400
T. Nickel, august 2 - august 11	10 days @ \$ 75	\$ 750

Report preparation:

Langelaar august 13 - august 17	5 days @ \$225	\$1125
---------------------------------	----------------	--------

Total:	\$7100.00
--------	-----------

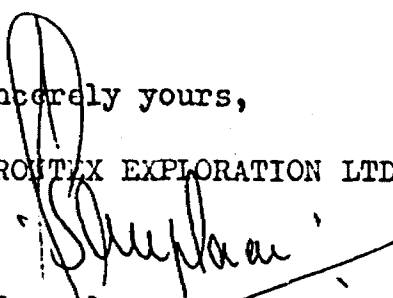
Number of days assessment: \$7100 : 15 = 473 days.

Copies of invoices to our client have been enclosed to verify our charges; a copy of the cheque issued to Mr Nickel is submitted.

Trusting that this arrangement may meet with your approval, I remain,

Sincerely yours,

NORONTEX EXPLORATION LTD

  
J. Langelaar

cc: Moran Resources Corporation  
St Andrews East, Que.

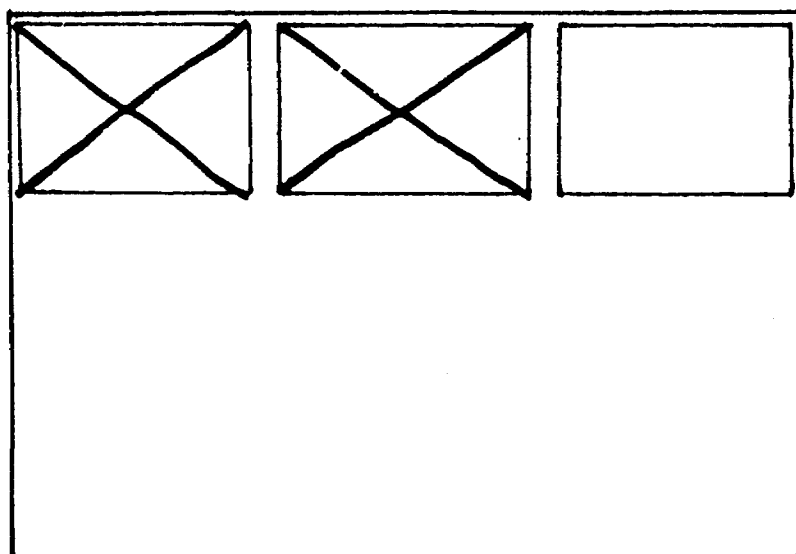
cc: Mining Recorder  
Sioux Lookout, Ont.  
File 84-147

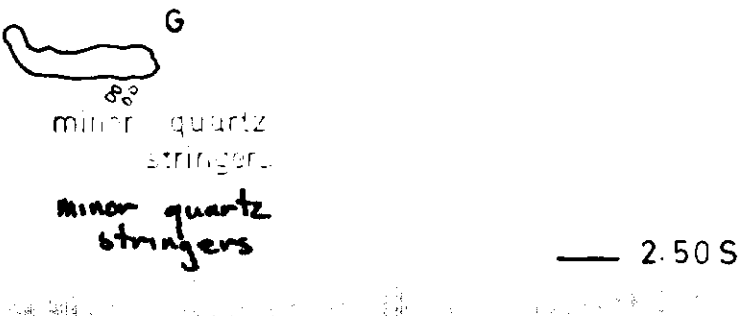
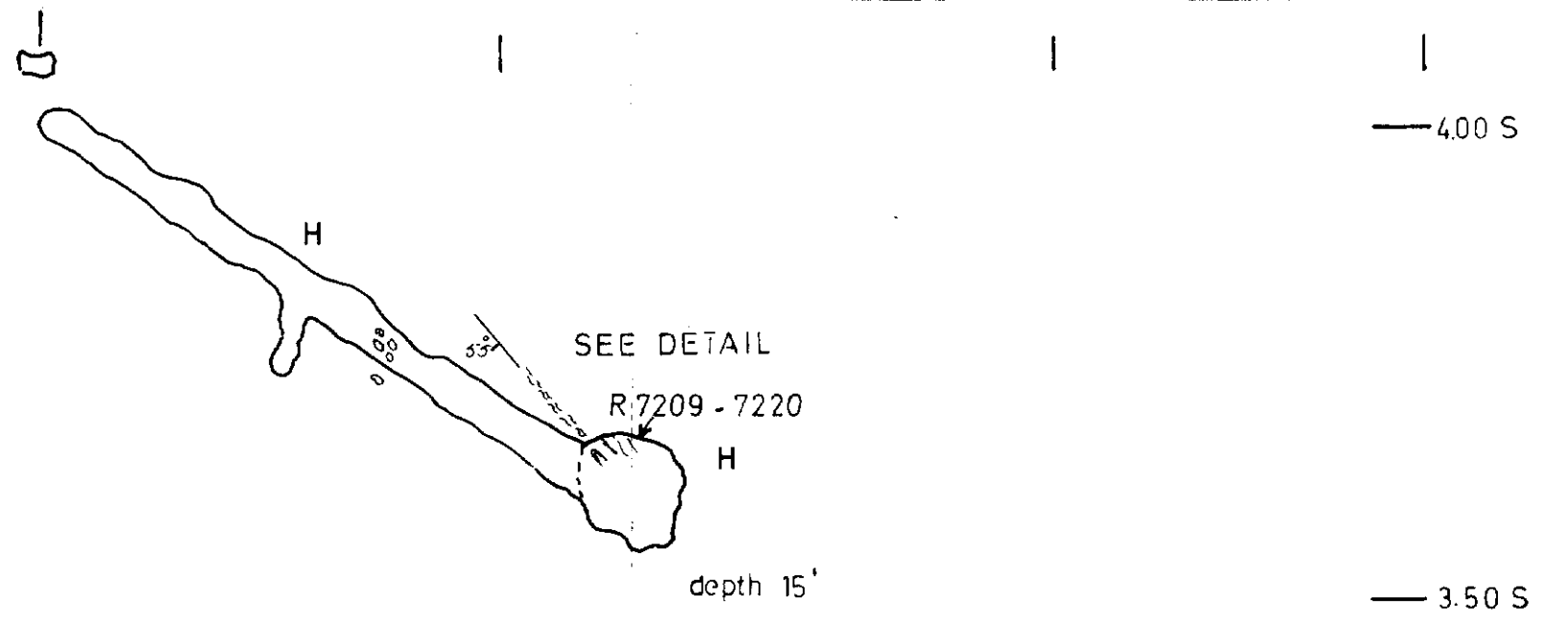
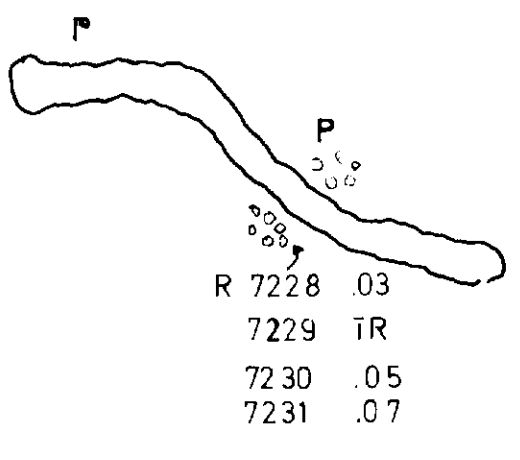
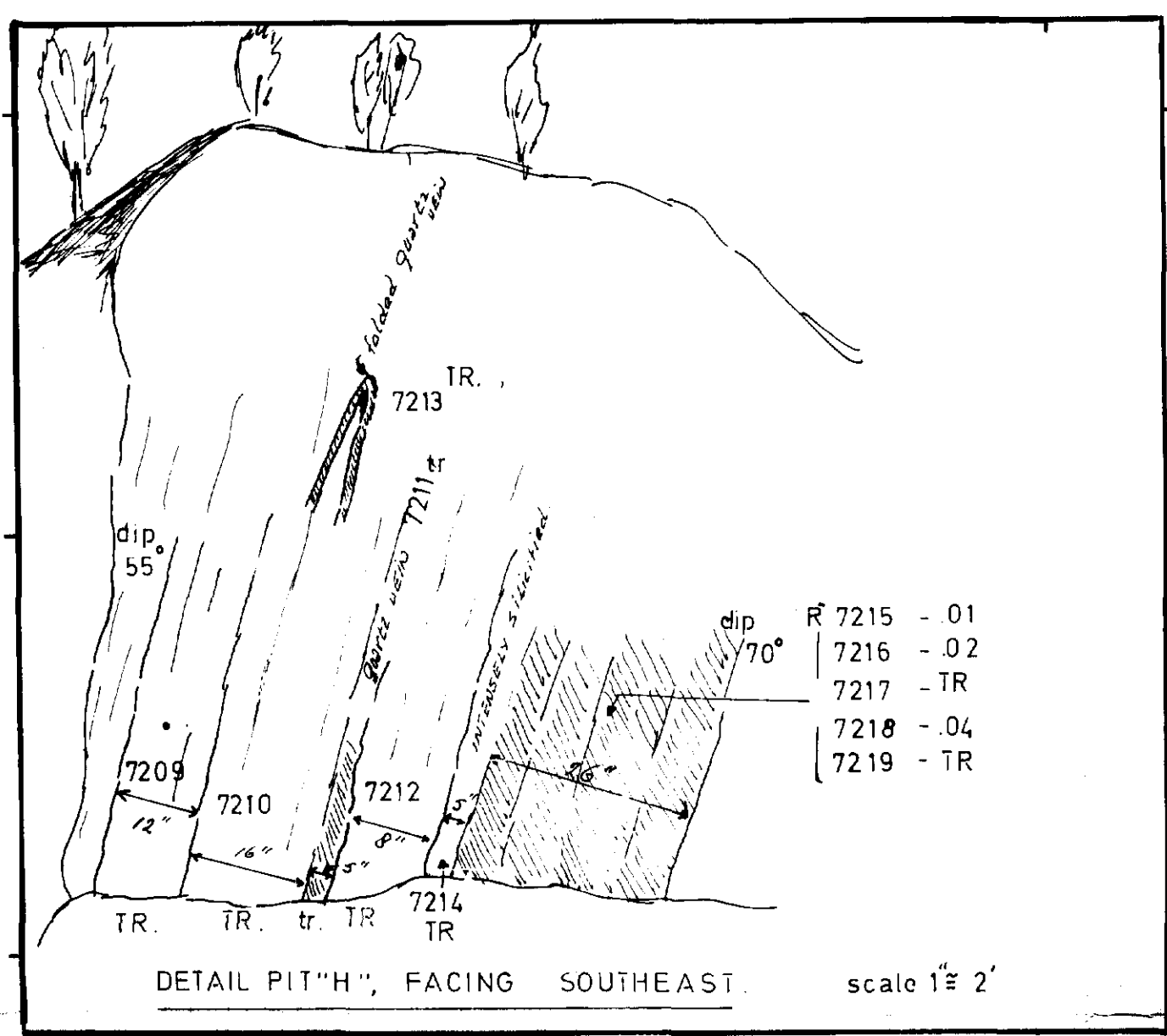
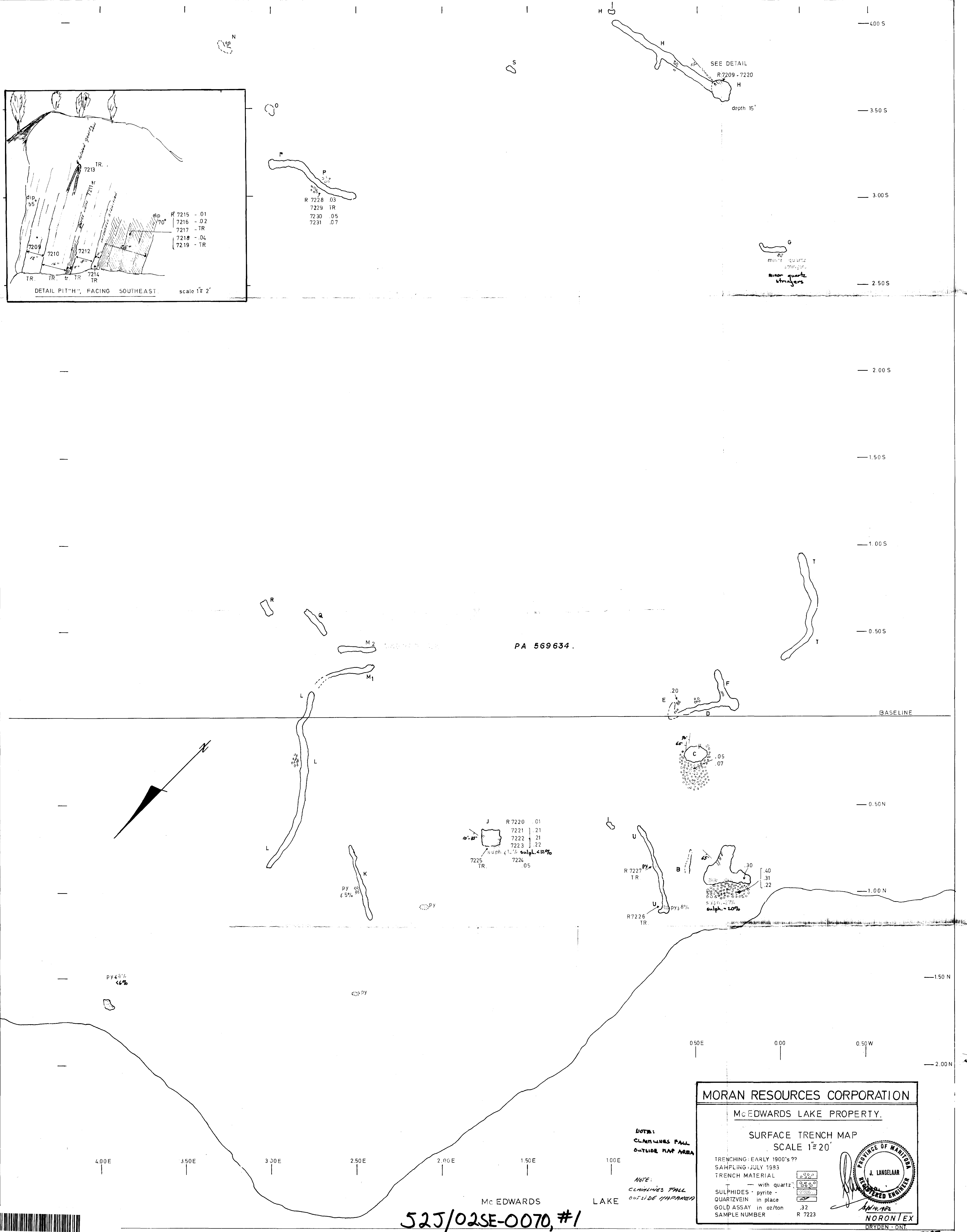
SEE ACCOMPANYING  
MAP(S) IDENTIFIED AS

525/02SE-0070 # 1-2

LOCATED IN THE MAP  
CHANNEL IN THE  
FOLLOWING SEQUENCE

(X)





PA 569634.

MORAN RESOURCES CORPORATION

McEDWARDS LAKE PROPERTY.

SURFACE TRENCH MAP

SCALE 1"=20'

TRENCHING: EARLY 1900's??

SAMPLING: JULY 1993

TRENCH MATERIAL

- with quartz
- SULPHIDES - pyrite
- QUARTZVEIN in place
- GOLD ASSAY in oz/ton
- SAMPLE NUMBER R 7223

NOTE: CLAIM LINES FALL OUTSIDE MAP AREA

NOTE: CLAIM LINES FALL OUTSIDE MAP AREA

PROVINCE OF MANITOBA

J. LANGELAAR

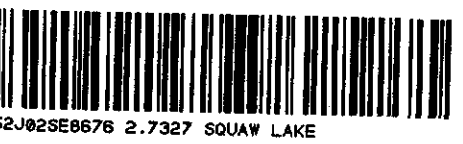
REGISTERED ENGINEER

AN/M. P.S.

NORON/EX

DRYDEN - ONT.

525/02SE-0070, #1



4.00S

3.50S

3.00S

2.50S

2.00S

1.50S

1.00S

0.50S

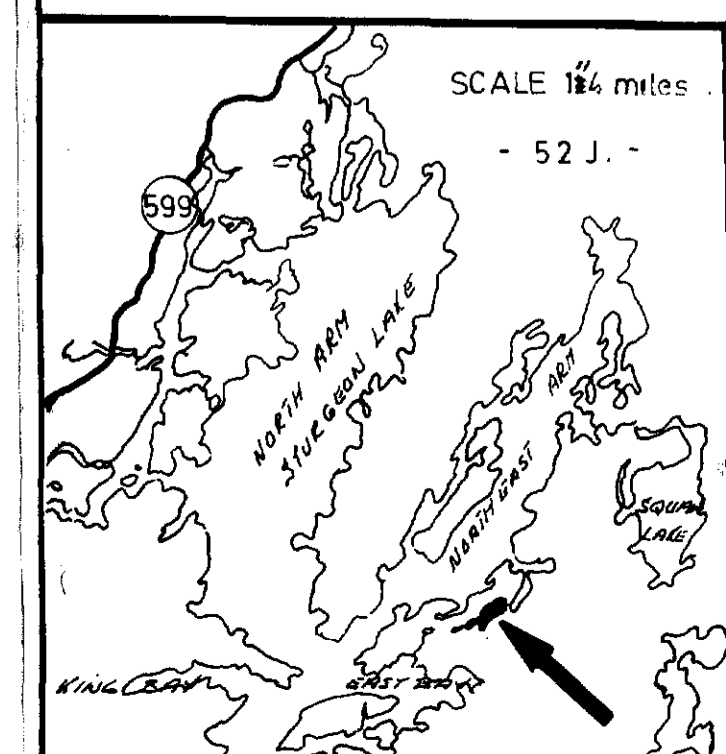
BASELINE

0.50N

1.00N

1.50N

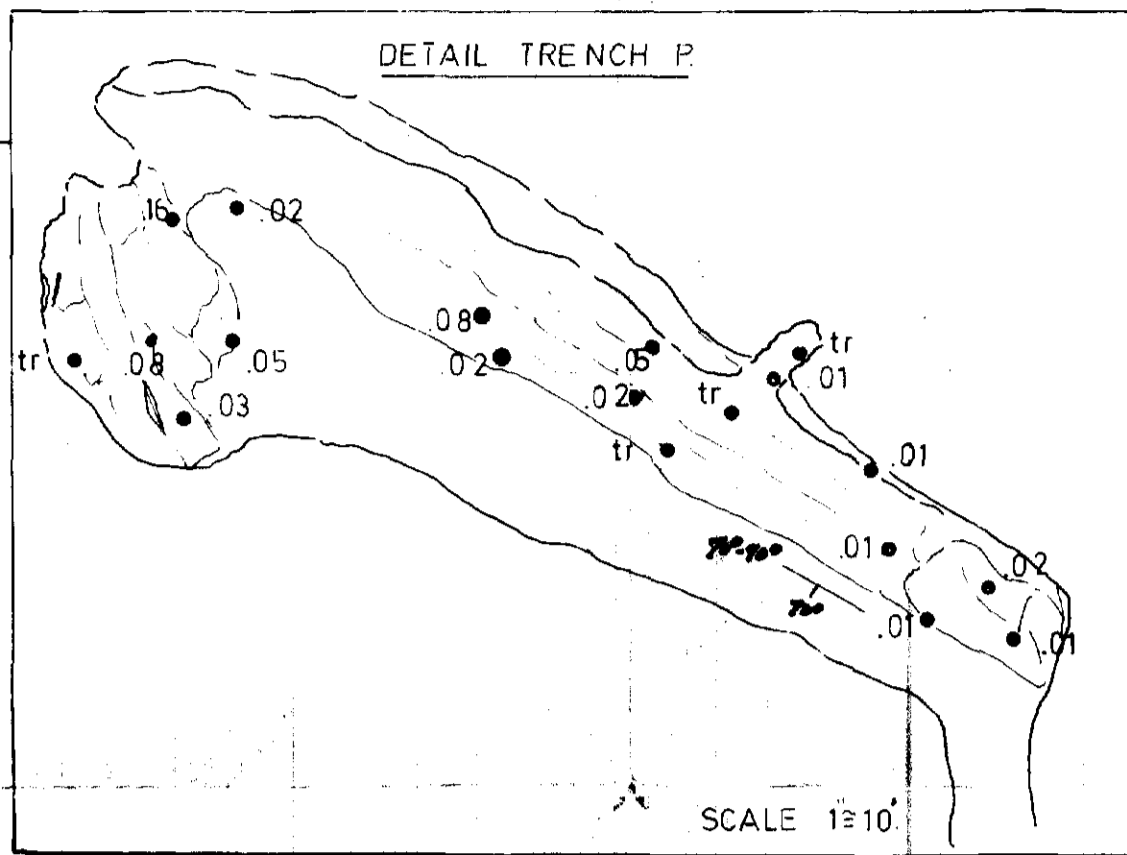
2.00N



180° 20'

IV

DETAIL TRENCH P



FOR DETAIL IN SE WALL: SEE JUNE 83 TRENCH MAP.

OVERBURDEN

PA 569634

180° - 175'

202° - 300'

202° - 240'

4.00E

3.50E

3.00E

2.50E

2.00E

1.50E

1.00E

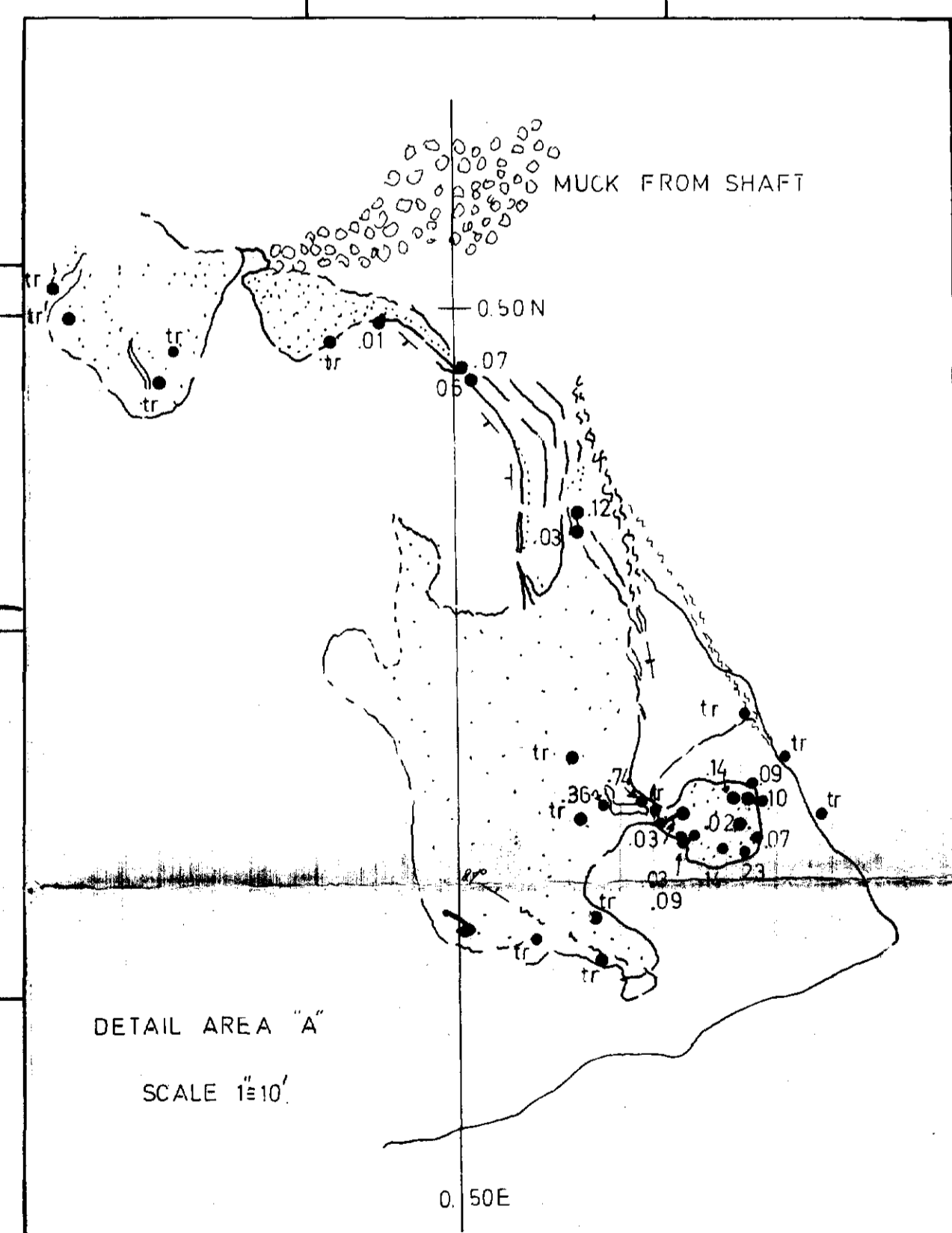
0.50E

MCDWARDS LAKE

QUARTZ SUBHORIZONTAL

OPTIONAL  
315° - 140° - 300'

EAST WALL SHAFT:  
01, tr, 06, 06, 03, 02,  
WEST WALL  
11, 07, 20, 01, 02, tr

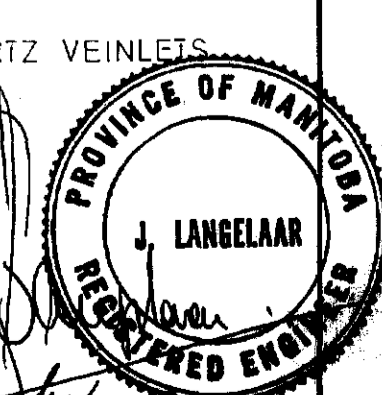


MORAN RESOURCES CORPORATION.  
MCDWARDS PROPERTY.  
GEOLOGY AND TRENCH-SAMPLING MAP.

SCALE 1:20

- |   |                                      |  |                                    |
|---|--------------------------------------|--|------------------------------------|
| 1 | MAFIC VOLCANICS                      |  | STOCKWORK OF QUARTZ VEINLETS       |
| 2 | COARSE PORPHYRY                      |  | SULPHIDES (pyrites)                |
| 3 | QUARTZ & 'SILICIFIED' PORPHYRY       |  | STRIKE DIRECTION                   |
| 4 | CARBONATE ROCK                       |  | STRIKE AND DIP                     |
|   | QUARTZ VEIN                          |  | SHEAR                              |
|   | PROP. C.D. HOLE with bearing-length. |  | SAMPLE POINT - ASSAY IN OZ PER TON |

NOTE: CLAIM LINES FALL OUTSIDE MAP AREA!  
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NORONIX  
DRYDEN AUG 1983  
27327

525/02SE-0070, #2