Report on the Powerstripping and Diamond Drilling Programs
Claims: 850187 and 850188
Pickerel Township
TARBUSH LODE MINING LIMITED
October-November, 1985

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SUMMARY

Powerstripping exposed a granodiorite dike intermittently on claims PA 850187 and 850188; this granodiorite displays alteration, quartzveining and sulphide enrichment.

Subsequent diamond drilling in 6 holes on this structure established its limited extent in depth whereas powerstripping had established its limited strikelength and intermittent nature on surface; where the granodiorite dike pinches, quartzveining and sulphide enrichment disappear.

Gold values obtained in the drillcore (123 samples) range from trace to .02 oz/ton with two assays of .24 oz/ton Au and 2.78 oz/ton Au, the latter in a section where v.g. had been observed.

No further work is presently recommended on the above mentioned claims.

A proposal for future exploration on the Tarbush Lode claims will be submitted at a later date.

INTRODUCTION

On September 10, 1985, Norontex Exploration Ltd. was commissioned by Mr. P. S. Broadhurst of Tarbush Lode Mining Limited to conduct and supervise a stripping and diamond drilling program on the Company's claims PA 850187 and 850188 in the Pickerel township, Sioux Lookout area, N.W. Ontario.

The objective of this program was to expose and locate granodiorite dikes, similar to the ones encountered on the Goldlund property and which host the gold deposits.

Claim PA 850188 was selected on the basis of previous drilling by Eaglelund Mines Limited in 1950; results of this drilling, which consisted of 9 relatively short holes, indicated the presence of auriferous granodiorite.

Simultaneously with the D6 dozer program, detailed mapping and magnetometer reconnaissance work were carried out, in principal concentrating on granodiorite or granodiorite dikes.

No samples were taken as diamond drilling took place during the latter part of the powerstripping.

This report should be viewed as a supplementary report to the one prepared by the author on November 15, 1984, entitled: "Report on the stripping program, East Block Claims #612024, 612025 and 612026, Pickerel Township, Tarbush Lode Mining Limited, September - November, 1984.

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Page, R.O.
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1985: Report on mining claims of Tarbush Lode Mining Limited, townships of Echo, McAree and Pickerel, Patricia Mining Division, Ontario, Canada.

Trowell, N.F., Blackburn, C.E., Edwards, G.R.

1980: Preliminary Geological Synthesis of the Savant Lake-Crow Lake Metavolcanic-Metasedimentary Belt, N.W. Ontario and its bearing upon Mineral Exploration; Ont. Ministry of Natural Resources, Ont. Geol. Survey, Misc. Paper 89.

DESCRIPTION OF MINING CLAIMS

The powerstripping program was carried out on claims PA 850187 and 850188, which are part of the Company's 5 claim claimgroup acquired on June 4, 1985 and recorded on June 18th, 1985 - see figure 1.

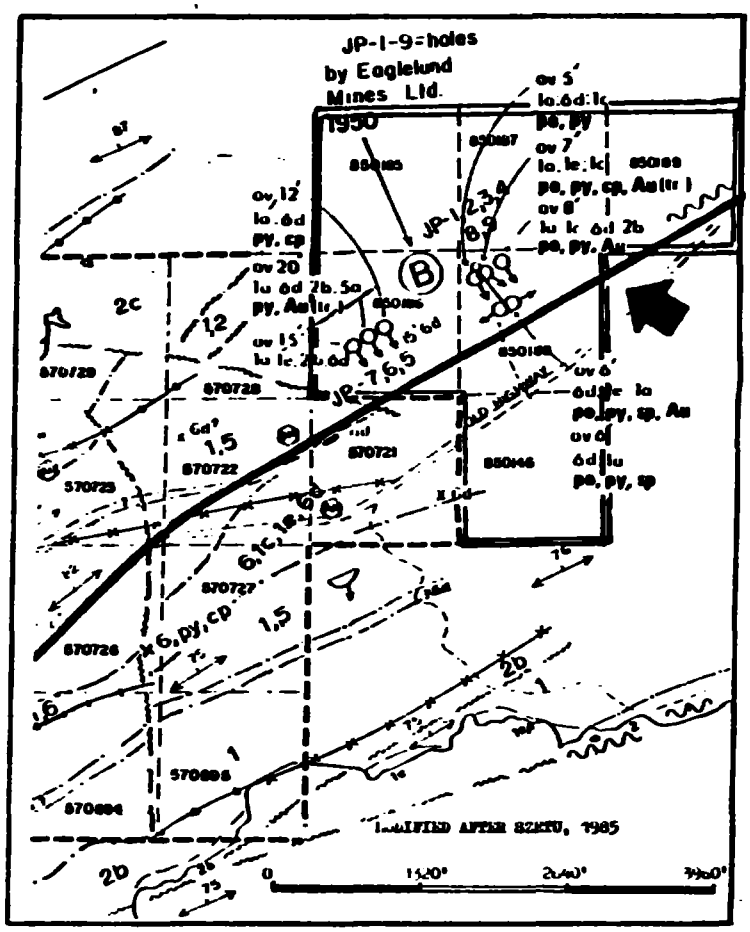


FIGURE 1

LOCATION, ACCESS AND TOPOGRAPHY

Claims PA 850187 and 850188 are located just north and south of Highway 72, approximately 19.5 miles southwest of Sioux Lookout (see figure 1) in an area where the paved highway crosses the old Sioux Lookout gravel road.

Most of the area, underlying the claims, consists of cedar swamp(s); relatively few rock exposures - generally in the form of elongated ridges - are present.

The average elevation is approximately 1250 feet above sea level.

HISTORY

The history of the general area has been covered extensively in the reports by Ogden (1981, 1982), Szetu (1983, 1985) and Page (1984) and will not be repeated here.

Of importance is the drilling by Eaglelund Mines Limited in 1950, which outlined auriferous granodiorite in a few of the 9 holes drilled in an area which is presently occupied by claim PA 850188: details of this drilling are available in the assessment files in the M.N.R. offices in Sioux Lookout. (See also "diamond drilling").

REGIONAL GEOLOGY

The regional geology is well documented by Johnston (1969), Trowell et al (1980), Page (1984) and Blackburn and Janes (1983) who are quoted as follows:

> *"Regionally the general area belongs to the Wabigoon Subprovince and is underlain by a basal assemblage of mafic volcanic rocks. These rocks are overlain in turn by the Central Volcanic Belt, which contains mafic to felsic volcanic rocks and derived sedimentary rocks.*
>
> *To the south, the Central Volcanic Belt is in fault contact with the southern volcanic belt so that exact relationships are unclear. Bedding and foliation trends are roughly parallel to the major unit boundaries."*

Both authors emphasise the apparent structural alignment of the various gold deposits parallel to the major faulting direction: the fault system runs from Miniss Lake in the north through Minnitaki Lake and Sandy Beach Lake to the south where it bends to the west to join the Wabigoon Fault. In the Minnitaki Lake area, the fault system splits into a series of parallel faults with a number of companion fault splays at acute angles to the main faulting direction.

ECONOMIC GEOLOGY - GENERAL

To-date, gold has been the principal resource of the mining activities in the area.

Aside from numerous prospects and showings, which contain pyrite, gold, disseminated copper and zinc, disseminated nickel-copper, molybdenum, zinc, lead and silver, uranium, iron, cesium-lithium-tantalum, in a variety of geological environments, only the two more important ones are listed.

1) Goldlund Mines Limited was the only producer until recently, with estimated reserves of 600,000 tons to the 800 - foot level grading .20 oz/ton of gold. Custom milling facilities are in place.

2) Camreco Inc., which changed its name in 1981 from Windfall Oils and Mines Limited (formerly Windward Gold Mines Limited) holds a claimgroup adjoining the Goldlunds property to the southwest, which contained probable reserves of 150,120 tons @ .30 oz/ton of gold. Subsequent drilling in late 1984 has increased these reserves.

Blackburn and Janes (1983) summarize Chisholm's descriptions of gold occurrences under 4 groups:

1) Quartz and carbonate fissure veins and stockworks in lavas, tuffs, agglomerates and intrusive rock types.

2) Crossfractures in lavas, tuff and intrusive rock-types. Goldlund and Camreco fall into this category and details are provided under "Discussion".

3) Carbonate replacement zones in mafic volcanic and sedimentary rocks.

4) Silicified shear zones in tuff and lavas.

LOCAL GEOLOGY

The stripping has demonstrated the discontinuous nature of the relatively narrow granodiorite dike encountered on claims 850187 and 850188. This dike was intermittently exposed over a strike length of 1570 feet and occurs primarily in two parts: the westerly portion approximately 320 feet long with a maximum width of 18 feet and the easterly portion, approximately 820 feet long - of which 410 feet were stripped - with a maximum width of 42 feet. The balance of the eastern portion is swamp covered and delineation of the dike was established by detailed magnetometer work (Fluxgate, MF-1, readings every 3 feet).

In general, the granodiorite dike displays a multitude of crosscutting white quartzveins, which may reach a width of 5 feet. Where the granodiorite pinches, the quartzveins disappear completely.

Generally well developed, pinching and swelling white quartz-veins, paralleling the dike, occur within the metavolcanics some 50 to 80 feet south of the dike: this has been observed on surface as well in the drilling.

Rocktypes encountered during the stripping and drilling are as follows:

1) Fine and coarse grained granodiorite to quartzdiorite, in many instances with wide (up to 5 feet) white

crosscutting quartzveins and minute grey quartzveinlets which may carry tourmaline and occasional galena streaklets. The white quartzveins are thought to be second generation quartz.

2) Somewhat sheared sericitic quartz porphyry, generally occuring within 100 to 120 feet south of the granodiorite and paralleling this structure. The sheared aspect is more obvious on the weathered surface than in the drillcore.

3) Metavolcanics as basalts, andesites and tuffaceous units.

4) Minor tuffaceous sediments.

Diamond drilling established a slight north dip for the near vertical granodiorite dike.

Alteration:

Alteration and sulphide enrichment generally occur only where the granodiorite dike carries the two generations of quartz. In this instance minor albitization has been observed; no ankeritic carbonate was noted however.

Tourmaline development appears to favour the minute grey quartzveinlets.

The sulphide enrichment consists of fine to coarse disseminations of pyrite, blebby pyrite, cubic pyrite and cubic pyrrhotite, odd specks of galena and in one instance free gold and chalcopyrite.

DISCUSSION

In order to search for Goldlund type gold mineralization the following Goldlund characteristics ought to be taken into consideration.

1)' Host Rocks: albite trondhjemite (locally termed the "main dike" or "Goldlund granodiorite" or the "Goldlund sill").

2) Quartz Veining: Tensional veins of quartz and usually containing an associated band of bleached rock in the immediate adjacent trondhjemite. At Goldund the veins are generally quite straight, strike consistently N-S to N20^{O}E and dip 40^{O} to 60^{O} to the west.

Froberg (in Page, 1984) states that: *"individual veins vary in width from fractions of an inch to about one foot; they have the appearance of fracture filling .....* and furthermore ..... *A characteristic fracture of the transverse veins is their arrangements in short cluster or in patterns continuing for hundreds of feet."*

3) Alteration: Quartz veins at the Goldlund zone are generally marked by the occurrence of bleached wallrock trondhjemite. According to Froberg (Page, 1984) the altered wallrock consist of

newly introduced albite, carbonate, magnetite, ilmenite and varying amounts of finely crystalized pyrite. The final alteration product consists of more than 50% albite, with the aforementioned minerals making up the balance.

Froberg (in Page, 1984) observed that the degree of alteration is no safe criterion in judging the gold content of the veins: veins in intensely altered granodiorite have been found to contain little gold whereas quartz stringers with little or no wallrock alteration carried considerable possible gold.

4) Mineralization: Major constituents of the veins proper are quartz, ankeritic carbonate and pyrite. Minerals occuring in minor amounts to trace amounts include, according to Froberg (Page, 1984), actinolite, biotite, tourmaline, scheelite, with metallic constituents including sphalerite, chalcopyrite, galena, altaite*, petzite*, ilmenite and native gold. Pyrite occurs as coarse cubic crystals and as fine grained disseminations.

* goldtellurides

Based on investigations of the Newlund Mine (Goldlund) deposits Page (1984) suggests that THE ONLY DEFINITIVE INDICATOR OF HIGHER GRADE GOLDVALUES IS THE EXISTENCE OF LATE FRACTURING OF THE EARLY VEIN MATERIAL.

This had been observed by Kuryliw in 1980, who observed that visible gold is commonly associated with later grey or white quartz introduced in the refractured veins and adjacent wallrock.

GENERAL DETAILS POWERSTRIPPING AND DIAMOND DRILLING

Ad Stripping:

Period: Intermittently between October 4 and October 17, 1985.

Equipment: Caterpillar D6C with blade.

Owner/Operator: W. Perron, Sioux Lookout
Phone: 807-737-2000

Total Equipment Hours: 60

Cost Powerstripping: $3600.00

Geological Supervision: 8 days

Ad Diamond Drilling:

Period: September 24 to November 15, 1985.

Owner/Operator: E. Fontaine, R.R.#1, Kenora, Ontario

Number of Holes: 7

Total Footage: 2037

POWERSTRIPPING - Claims 850187 and 850188

General reconnaissance geology prior to the powerstripping operation located Eaglelund's drillholes No. 7, 6 and 5 in the western part of the claim.

Subsequently the old Eaglelund core storage, the "discovery" outcrop (75 feet south of TB85-3) and an old drill setup - presumably hole JP No.1 - were located.

Stripping started near this old setup and exposed a 42 foot wide granodiorite dike or sill with numerous white quartz-veins, some of which may reach widths of up to 3 feet.

The granodiorite was followed in easterly direction along the strike of approximately 50^{o} magnetic, for about 280 feet at which point the granodiorite rapidly loses its width and the quartzveins and pinches out.

Considerable stripping to the east - see map in backpocket - failed to locate any continuation of this dike or sill.

With the aid of a Fluxgate MF1 (Scintrex) magnetometer, the granodiorite was followed under extensive swamp cover, in westerly direction for about 400 feet. Attempts to expose parts of this dike in this area failed due to over-burden and ground conditions. Remnants of the dike were picked up on the next outcrop to the west, but width could not be established due to irregular bedrock topography and

local thickening of overburden. It is postulated that the width of the dike in this area does not exceed 3 to 5 feet: some parts of these remnants are devoid of any (white) quartzveins, whereas other portions show a proliferation of white quartz.

The dozer was subsequently moved to the far western part of claim 850187, south of Eaglelund's hole No. 7, where stripping located and exposed the granodiorite for approximately 310 feet of strikelength and a maximum width of about 20 feet.

Some 120 feet south of the granodiorite a well developed, somewhat sheared sericitic quartz porphyry horizon, which attains a maximum width of approximately 35 feet was exposed as well.

It is assumed that the granodiorite has been faulted off to the west, as a small remnant of the sericitic quartzporphyry occurs nearly on strike with the granodiorite (SSW of hole #7), thus suggesting a displacement to the north of approximately 100 to 115 feet, see figure 2.

This would support Eaglelund's drill findings in hole #7, which failed to intersect the granodiorite, but which indicated a fault zone. It is thus concluded that hole #7 was drilled overtop or ahead of the granodiorite.

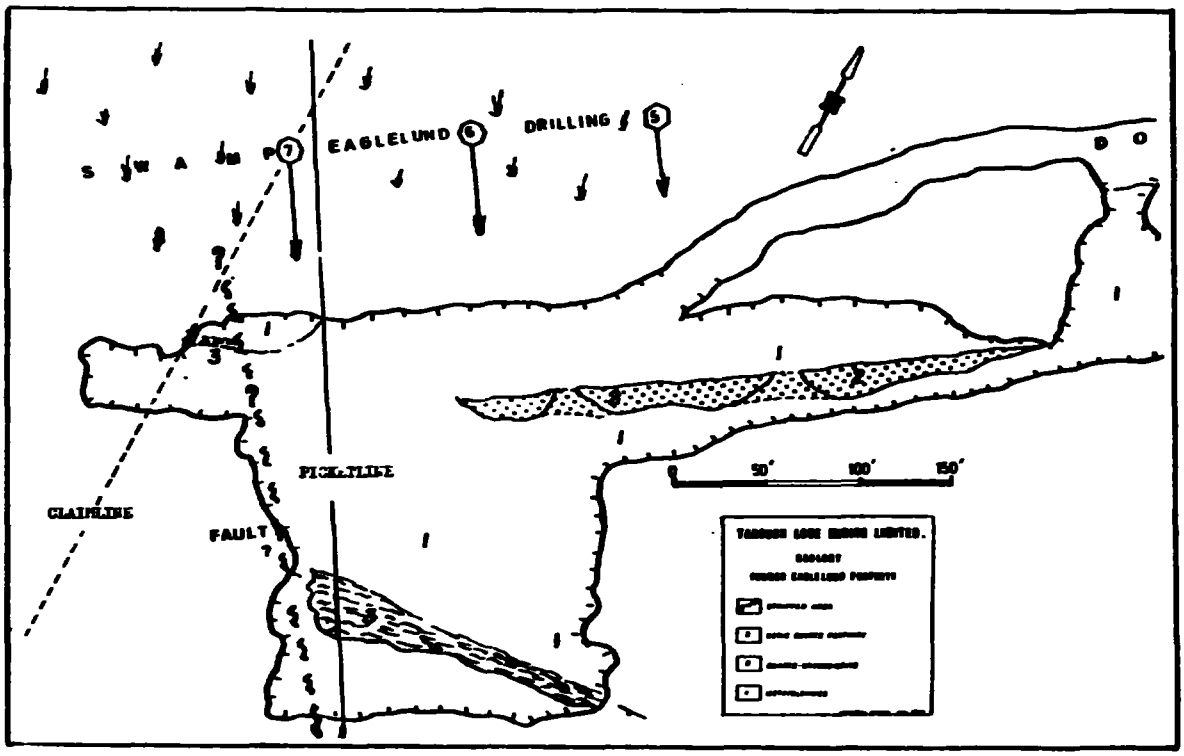


FIGURE 2

Detailed magnetometer work up to approximately 1500 feet to the west of this area suggests the presence of an intermittently occuring granodiorite with an estimated width of 15 to 30 feet within 200 feet of the highway. This contradicts the indicated displacement of the fault to the north, unless a second fault has resulted in a net displacement to the south of approximately 300 feet. The second fault may occur within 400 feet west of the first one. The author is of the opinion that the granodiorite

near the highway and delineated by the magnetometer is the same as the one stripped and drilled to the east. The aforementioned, somewhat sheared, sericitic quartzporphyry, exposed in the western part and which also had been encountered some 100 odd feet south of the "discovery" outcrop in earlier stripping and reconnaissance work, is a rather similar occurrence as the one encountered on the east side of the Miles Lake gravelpit road during last years's stripping and the one on the down section of the Goldlund orebody. (pers. comm. Jim Redden, former Goldlund geologist).

To suggest that this sericitic quartzporphyry could be used or viewed as a marker - horizon in determining the position of the granodiorite s.l., is definitely premature: considerable more exploration work is required to establish the genetic relationship between the two phenomena. The quartz porphyry appears to be stratigraphic and may genetically be a felsic crystal tuff (?).

According to Redden, the footwall of the Goldlund No. 1 zone consists of this material, whereas the sericitic quartzporphyry forms the host of the No. 2 zone at Goldlund.

During the stripping operation in the western part of the claim several small cairns of white quartzvein material were found, indicating substantial and thorough prospecting during the early 1950's.

Considerable stripping to the east, beyond the point where the sill/dike dies out, failed to locate any additional occurrences of the granodiorite.

Very few surface samples were collected and assayed as the diamond drilling got underway during the latter part of the stripping; it was felt at that time that detailed sampling of the drillcore would provide a more meaningful picture than random grabsampling. Four surface samples of granodiorite with white quartzvein material assayed tr, .01, .02 and .04 oz/ton Au, whereas one sample of sericitic quartz porphyry returned .02 oz/ton Au.

DIAMOND DRILLING

During the months of October and November 1985, Fontaine Diamond Drilling of Kenora, Ontario conducted the drilling on the Tarbush Lode mining property.

The crew consisted of Mr. E. Fontaine, his wife and during the last couple of weeks Mr. J. Montgomery.

Total footage amounted to 2035 feet in 7 holes, broken down as follows:

TB85-1	@	469'
TB85-2	@	218'
TB85-3	@	339'
TB85-4	@	247'
TB85-5	@	176'
TB85-6	@	218'
TB85-7	@	368'

The coresize was AQ; the core was transported to Dryden for logging and sampling at the premises of Norontex, 3 Bedworth Road, where the core is stored. As core storage facilities are under construction at the MNR offices in Kenora, steps will be taken to have the core moved to Kenora in the future.

The assaying of selected core samples was performed by Paul's Custom Fire Assaying, Box 253, Cochenour, Ontario: Phone 807-662-8171.

A total of 123 samples were submitted for gold analyses of which 3 were also assayed for silver. Total assay cost amounted to $1017.00.

DETAILS DIAMOND DRILLPROGRAM

All but hole TB85-1, were drilled on claim PA850188. Hole TB85-1, at lattitude 19.58W and departure 4.68N is located on claim 519516 on the Company's geological map sheet 1"=200', "Miles lake west", by Ogden, 1981 (see figure 3).

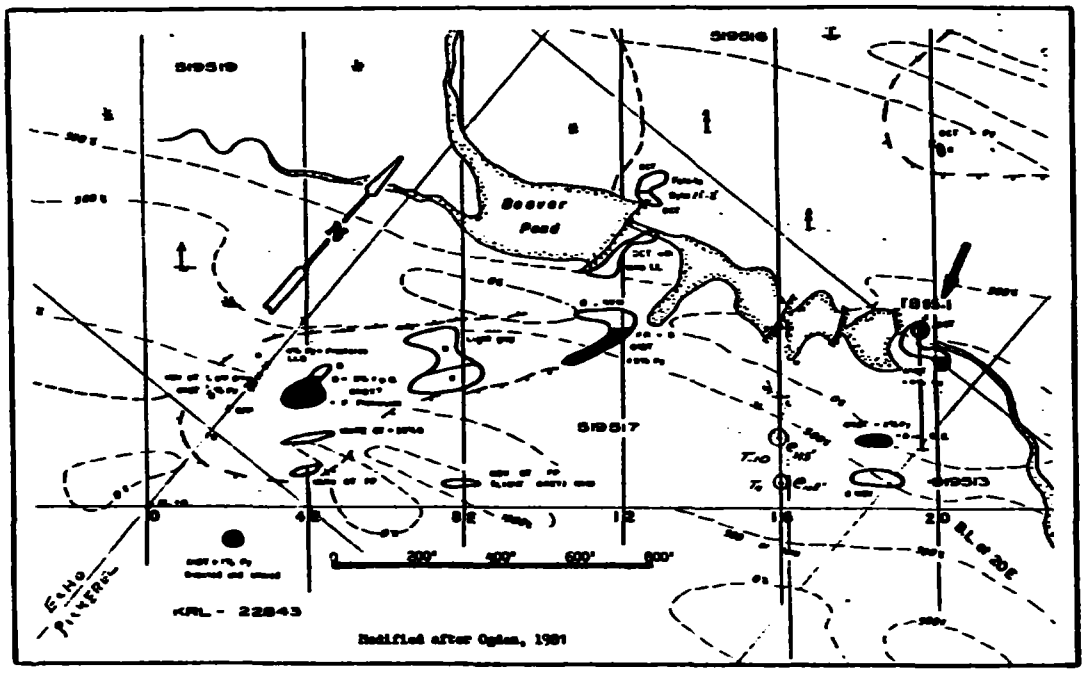


FIGURE 3

The purpose of hole TB85-1 was to cut through a complete section of "granodiorite", intersected in hole T-10, drilled September 1982 and stopped in "granodiorite" with 7 feet of core left in the hole, still attached to the bottom.

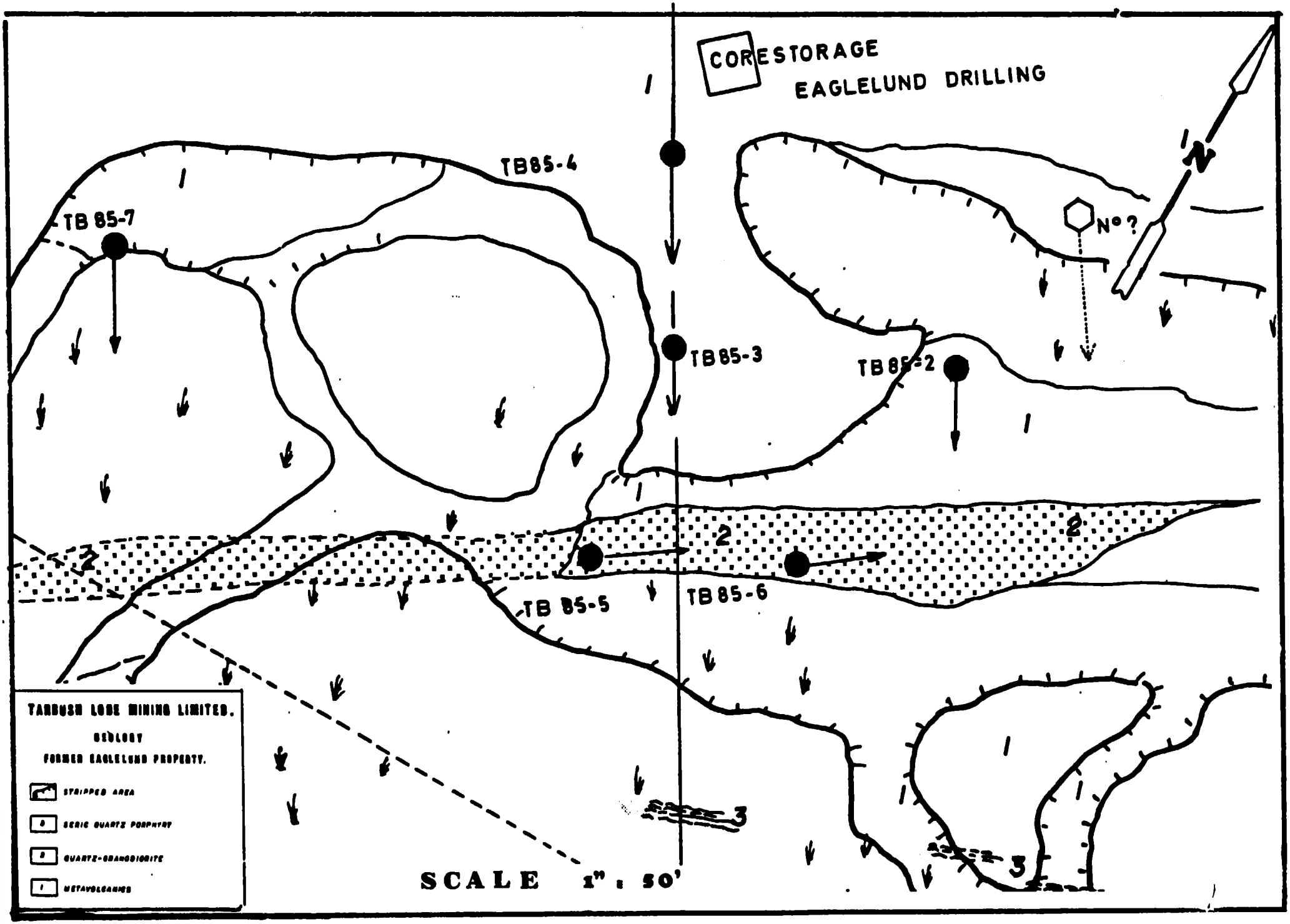

CORE STORAGE
EAGLELUND DRILLING
TB85-4
TB 85-7
TB85-3
TB85-2
N° ?
TB 85-5
TB 85-6
TARBUSH LODE MINING LIMITED.
GEOLOGY
FORMER EAGLELUND PROPERTY.
STRIPPED AREA
SERIC QUARTZ PORPHYRY
QUARTZ-GRANODIORITE
METAVOLCANICS
SCALE 1" : 50'

FIGURE 4

Hole TB85-1 intersected two intervals of quartzdiorite: from 110.0 to 151.7 feet and from 209.5 to 372 feet, the balance of the core consisting of a variety of metavolcanics.

No major shears or faults were encountered. Mineralization consists primarily of scattered disseminations of pyrite with additional magnetite grains in the metavolcanics. The quartz diorite encountered in this drillhole does not resemble "Goldlund-type granodiorite".

Former Eaglelund Claims:

Subsequent diamond drilling took place on claim PA850188, one of the former Eaglelund claims which were acquired during 1985. (5 claims in total.)

Attempts to match Eaglelund's drilling in the east as per 1950 assessment sketch with actual field evidence proved impossible. It is recognised that this sketch is incorrect; furthermore typographical errors are suspected in the co-ordinates of some of the Eaglelund drill logs.

Figure 4 attempts to co-ordinate and match the 1985 drilling with the 1950 drilling as per assessment sketch.

As stripping was slightly ahead of the drillprogram, surface exposure of the granodiorite with quartzveins and the drill results obtained by Eaglelund in the 1950 drilling (particularly the results of No, 8) formed an important part in the selection of the locations of the recent drilling.

Essentially the purpose of the 1985 drilling was to delineate the extent of the granodiorite dike and to confirm and augment existing goldvalues obtained in Eaglelund's drilling.

Eventhough free gold was observed in TB85-5, assaying 2.78 oz/ton Au (rerun @ .32 oz/ton Au) over one foot, the results of this drilling were not too encouraging, especially since TB85-7 seems to indicate the very limited depth extent of the dike, thus implying the limited potential of this structure.

Stripping and surface mapping had already established the somewhat limited strikelength of the dike which shows 280 feet of continuous length in the western portion of the claim and about 400 feet in the eastern part. The 500 foot gap, separating the two, was extensively stripped but failed to expose the dike.

Eventhough the granodiorite encountered in drillholes TB85-2, -3, -4, -5 and TB85-6 show a strong resemblance with the Goldlund ore, it lacks the "Goldlund accessory metallic constituents" such as very coarse pyrite, sphalerite, chalcopyrite and galena.

No further work is presently recommended on this structure.

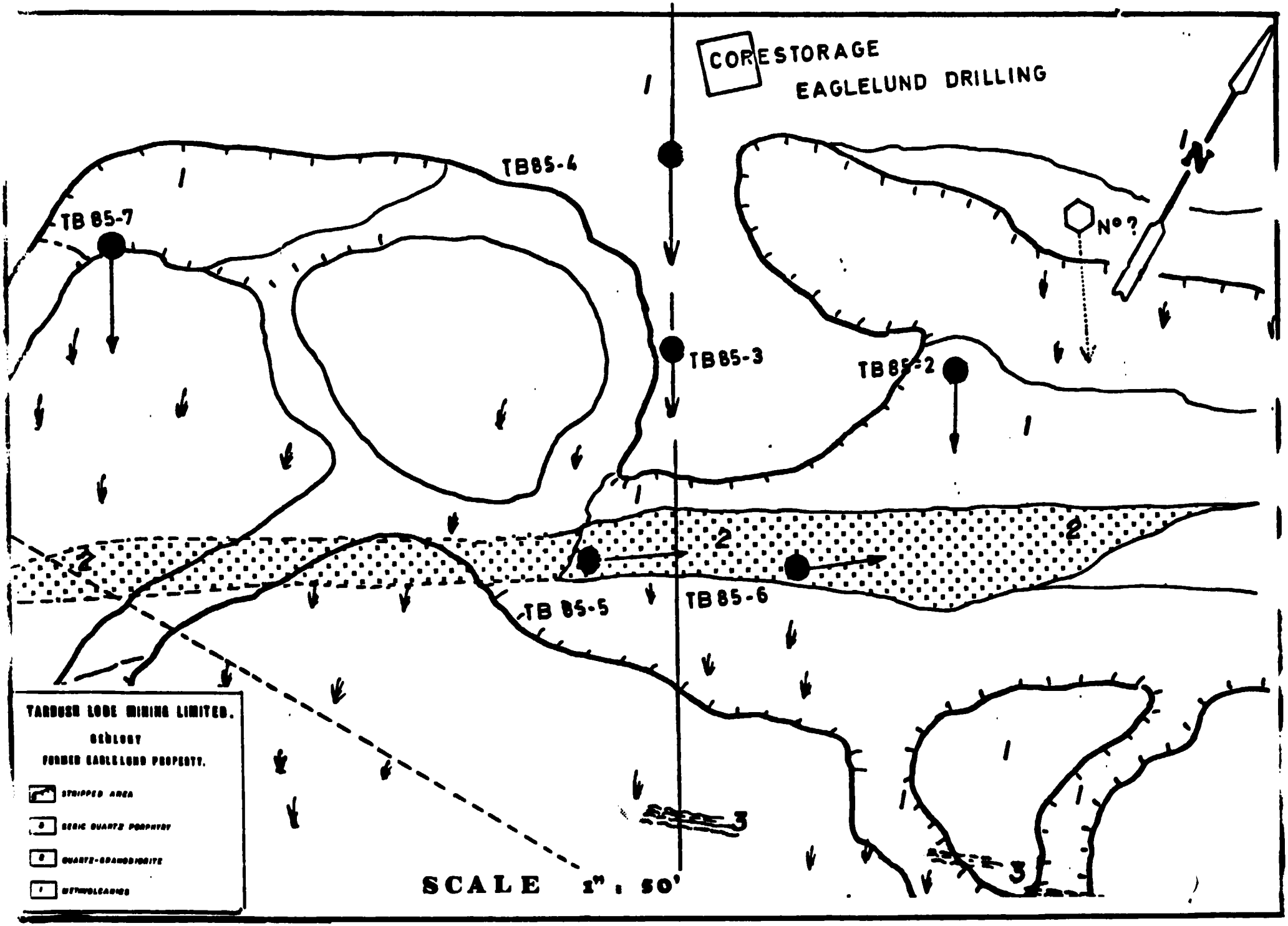

CORE STORAGE
EAGLELUND DRILLING
TB85-4
TB 85-7
TB85-3
TB85-2
N° ?
TB 85-5
TB85-6
2
2
2
3
3
TARBUSH LODE MINING LIMITED.
GEOLOGY
FORMER EAGLELUND PROPERTY.
STRIPPED AREA
3 SEDIC QUARTZ PORPHYRY
2 QUARTZ-SYENODIORITE
1 METAVOLCANICS
SCALE 1" : 50'

FIGURE 5

The following summarizes the results of TB85-2 to TB85-7 inclusive, for location see figure 5

TB85-2: Depth 218'
drilled perpendicular to granodiorite dike at its widest section on surface.
71.5-104.0 Finegrained granodiorite with numerous quartzveins and veinlets contacts with the metavolcanic hostrocks is gradational - transitional.
Mineralization: fine and coarse, occasionally cubic, pyrite, and minor pyrrhotite - some cubic.
Total of 21 samples, best .01 oz/ton Au, rest trace.

TB85-3: Depth 339'
Drilled perpendicular to granodiorite dike, 120 feet west of TB85-2 on existing picketline.
86.3-127.0 Finegrained granodiorite with numerous quartzveins and veinlets; 2 generations of quartz, a) generally wide, white quartz and b) minute grey quartzveinlets.
Bottom contact with metavolcanic hostrock transitional.
Mineralization: pyrite, minor pyrrhotite and odd speck of galena. Tourmaline may occur, predominantly in the grey quartzveinlets.
This hole was continued to intersect the somewhat sheared, sericitic quartz porphyry (267.0-317.4).
A total of 21 samples, best assay .01 oz/ton Au.
Three silver samples assayed nil.

TB85-4: Depth 247'

Drilled underneath TB85-3 to establish dip of dike which is near vertical to slight dip to the north.

186.7-210 Finegrained and coarsegrained granodiorite with the two generations of quartz; the minute grey quartzveinlets carry a substantial amount of tourmaline. From 193.0-208/209' a coarsegrained "core" of granodiorite. Mineralization consists of pyrite, pyrrhotite and odd speck of galena. A total of 9 samples were taken, best assay ran .01 oz/ton Au, the balance trace.

TB85-5: Total length 176'

Drilled downstrike to the east in an attempt to duplicate Eaglelund's 1950-hole No. 8 values.

0-142.0. Medium and finegrained granodiorite with the 2 generations of quartz.

Easterly contact with metavolcanics transitional-gradational. Tourmaline observed.

Mineralization: pyrite, minor pyrrhotite and odd galena.

Total of 50 samples. Four specks of v.g. observed in greyish white quartzvein between 120' and 121', which assayed 2.78 oz/ton and .32 oz/ton Au (rerun); balance of samples all trace.

TB85-6: Total length 218'

Drilled to the east of TB85-5, again downstrike towards the east.

Main granodiorite occurs between collar of the hole and 103.0 feet. Past 103'the material becomes transitional into metavolcanics. Two generations of quartz are present, as is.tourmaline.
Mineralization: primarily pyrite in disseminations, blebs and odd cube; minor pyrrhotite.
One inch massive pyrite crosscuts core between 14 and 15 feet, assaying .24 oz/ton Au.
Total number of samples is 7, six assaying trace.

TB85-7: Depth 368 feet
This hole was drilled 235 feet west of TB85-3 and TB85-4 and is subparallel to these holes.
From 250.3 to 257.6 questionable (transitional) granodiorite; rest of the hole variable metavolcanics which are predominantly tuffs.
Pyrite is minimal, odd speck of chalcopyrite; one sample.

CONCLUSIONS AND RECOMMENDATIONS

Drillhole TB85-1, drilled on claim 519517 failed to establish the presence of a granodiorite dike similar to the one(s) encountered on Goldlund, whereas the drilling on the former Eaglelund property confirmed the existence of a granodiorite with alteration, quartzveining and sulphide enrichment, eventhough goldvalues are erratic and in virtually all instances low.

It is recommended to rerun a portion of the coresamples geochemically in order to establish a reference for future exploration.

In order to establish the presence of additional granodiorite zones with alteration and sulphide enrichment and to evaluate the gold potential on the claims of Tarbush Lode Mining. Consideration should be given to rock geochemical surveys, highly detailed magnetometer surveys, tighter grid establishment, powerstripping and limited Induced Polarization surveys.

A detailed exploration proposal will be submitted in the near future.

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 in 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. For a period of 16 years I worked nationally and internationally for a major Canadian mining company: during the last 6 years as Manager of Exploration.

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 Tarbush Lode Mining Limited.

6) The accompanying report is based on a study of reports and maps available of the property plus personal involvement through mapping and supervision of the programmes described in this report.

DATED AT DRYDEN, ONTARIO, THIS 6th DAY OF December 1988

J. Langelaar, M.Sc; P.Eng.

PROVINCE OF MANITOBA
J. LANGELAAR
REGISTERED ENGINEER

norontex exploration ltd.

TARBUSH LODE MINING LIMITED.

1985 DIAMOND DRILLING.

norontex exploration ltd.

TARBUSH LODE MINING LIMITED

A S S A Y R E S U L T S

DRILLING & SURFACE SAMPLING.

PAUL'S CUSTOM FIRE ASSAYING LTD.

Phone: Bus. (807) 662-817
Res. (807) 662-336

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario P0V 1L0

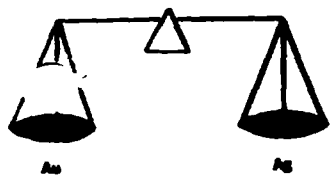
Norontex Expl. Ltd.

ASSAY CERTIFICATE

Date: Oct. 15-85

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	3701	TB 85-1	.01	
2	02	"	Trace	
3	03	"	"	
4	04	"	"	
5	05	"	"	
6	06	"	"	
7	07	"	"	
8	08	"	"	
9	09	"	"	
10	10	"	"	
11	11	surface samples Eaglelund; EAST END	.04	
12	12	" "	Trace	
13	13	" "	.01	
14	14	" "	.02	
15	15	" "	.02	
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

Assayer



PAUL'S CUSTOM FIRE ASSAYING LTD.

Phone: Bus. (807) 662-81
Res. (807) 662-33

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario P0V 1L0

Norontex Expl.

ASSAY CERTIFICATE

Date: Oct. 25-85

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	3716		Trace	✓
2	17		"	✓
3	18		"	✓
4	19		"	✓
5	20		"	✓
6	21		"	✓
7	22		"	✓
8	23		"	✓
9	24	TB85-2	"	✓
10	25		"	✓
11	26		"	✓
12	27		"	✓
13	28		"	✓
14	29		.01	✓
15	30		Trace	✓
16	31		"	✓
17	32		"	✓
18	33		"	✓
19	34		.01	✓
20	35		Trace	✓
21	36		"	✓
22	37	✓	"	
23	38	TB85-3 ✓	"	
24	39	✓	"	
25	40	✓	.01	

Assayer

PAUL'S CUSTOM FIRE ASSAYING LTD.

Phone: Bus. (807) 662-8171
Res. (807) 662-3361

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario P0V 1L0

Norontex Expl.

ASSAY CERTIFICATE

Date: Oct. 25-85

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	3741		Trace	
2	42		.01	
3	43		Trace	
4	44		"	
5	45		"	
6	46		"	NIL
7	47		"	"
8	48	TB 85-3	"	"
9	49		"	
10	50		"	
11	51		"	
12	52		"	
13	53		"	
14	54		"	
15	55		"	
16	56		"	
17	57		"	
18				
19				
20				
21				
22				
23				
24				
25				

Assayer

PAUL'S CUSTOM FIRE ASSAYING LTD.

Phone: Bus. (807) 662-817
Res. (807) 662-336

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario P0V 1L0

Norantex Expl. Ltd.

ASSAY CERTIFICATE

Date: Oct. 30-85

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	A-3758		Trace	✓
2	59		.01	✓
3	60		Trace	✓
4	61	TB85-4	"	✓
5	62		"	✓
6	63		"	✓
7	64		"	✓
8	65		"	✓
9	66		"	✓
10	67		"	✓
11				
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Assayer

PAUL'S CUSTOM FIRE ASSAYING LTD.

Phone: Bus. (807) 662-8171
Res. (807) 662-3361

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario P0V 1L0

Norontex Expl. Ltd.

ASSAY CERTIFICATE

Date: Nov. 6-85

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	A-3768		Trace	
2	69		"	
3	70		"	
4	71		"	
5	72		"	
6	73		"	
7	74		"	
8	75		"	
9	76		"	
10	77		"	
11	78	all TTB 85-5	"	
12	79		"	
13	80		"	
14	81		"	
15	82		"	
16	83		"	
17	84		"	
18	85		"	
19	86		"	
20	87		"	
21	88		"	
22	89		"	
23	90		"	
24	91		"	
25	92		"	

Assayer Paul V. Okanski

PAUL'S CUSTOM FIRE ASSAYING LTD.

Phone: Bus. (807) 662-817
Res. (807) 662-336

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario P0V 1L0

Norontex Expl. Ltd.

ASSAY CERTIFICATE

Date: Nov. 6-85

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	A-3793		Trace	
2	94		"	
3	95	all TBS-J	"	
4	96		"	
5	97		"	
6	98		"	
7	99		"	
8	3800		"	
9	4101		"	
10	02		"	
11	03		"	
12	04		"	
13	05		"	
14	06		"	
15	07-A		.32	
16	07-B		2.78	
17	08		Trace	
18	09		"	
19	10		"	
20	11		"	
21	12		"	
22	13		"	
23	14		"	
24	15		"	
25	16		"	
	17		Trace	

Assayer

PAUL'S CUSTOM FIRE ASSAYING LTD.

Phone: Bus. (807) 662-8171
Res. (807) 662-3361

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario P0V 1L0

Norontex Expl. Ltd.

ASSAY CERTIFICATE

Date: Nov. 12-85

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	4118		Trace	✓
2	19		.24	✓
3	20		Trace	✓
4	21		"	✓
5	22		"	✓
6	23		"	✓
7	24		"	✓
8	25		"	✓
9				
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Assayer: Paul Okanski

norontex exploration ltd.

E A G L E L U N D .

1950

DRILLHOLE #8

PROPERTY EAGLEWOOD MINES LIMITED

HOLE NUMBER P-48

SHEET NUMBER 1 OF 19

DIAMOND DRILL RECORD

SECTION FROM 0.0 TO

LOCATION: LAT. ✓
DEP. THIS SHOULD BE 150' ON BASELINE

ELEVATION OF COLLAR

DATUM 0 - 1150' on Base Line

DIRECTION AT START: BEARING N 50°E
DIP - 45°

#8

STARTED October 16th 2.00 P.M.

COMPLETED October 16th 3.00 A.M.

ULTIMATE DEPTH 305.0'

PROPOSED DEPTH 200.0'

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $
0.0- 6.0	Casing				
6.0- 254	Grano-diorite dike, wall min. with patches of Pyrite and a little tourmaline. Quarts veins and stringers ¼" to 2.0' in width at various angles to core.				
	6.0-7.8	J.P.56	1.8	0.05	
	1½" white milky qtz. good Py plus wall min altered g.d.				
	7.8-10.6	J.P.57	2.8	0.02	
	5" and 9" qtz. veins at 45° to core. fair Py in qtz. and dike				
	10.6-12.8	J.P.58	2.2	0.04	
	9" white milky qtz. at 30° to core good Py in patches, a little tourmaline coarse Py in dike.				

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 801 REV 9.44

DRILLED BY

SIGNED

OPE... Eastern Mines Limited

SHEET NUMBER 2

DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT. .....
DEP. .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....
DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
	12.8-15.0	J.P.59	2.2	Nil			
	White milky qtz. sparse min. a little fine Py.						
	15.0-18.0	J.P.60	3.0	Nil			
	20% white qtz. in irreg. strgs. ½" max. width. Good Py in patches in qtz. and dike						
	18.0-21.0	J.P.61	3.0	0.10			
	4" and 8" qtz. veins at 70° to core fine Py and some tourmaline in qtz. and dike						
21.0- 29.0	Finer grained grano-diorite, scattered qtz. threads and stringers up to 2" in width (May sample later)						
	29.0-31.0	J.P.62	2.0	Tr.			
	White milky qtz. vein at 30° to core Good Py near walls						

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 501 REV 8 44

DRILLED BY .....

SIGNED .....

PROPERTY EAGLELUND MINES LIMITED

DIAMOND DRILL RECORD

SHEET NUMBER 3

SECTION FROM ..... TO .....

LOCATION: LAT. .....
DEP. .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....
DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $
	31.0-33.3 9" and 3" white qtz. veins coarse Py in veins and dike	J.P.63	2.3	0.02	
	35.5-39.0 12", 6" and 3" white qtz. veins at 45° to core. Coarse Pyrite and some Po in qtz. and dike	J.P.64	3.5	0.10	
	39.0-40.5 30% qtz. in irreg. strgs. Coarse cubes Py last 6 inches.	J.P.65	1.5	Tr	

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM NO 501 REV 9-44

DRILLED BY .....

SIGNED

PROPERTY EAGLELUND MINES LIMITED

ENTER

SHEET NUMBER 4

DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT. .....
DEP. .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....
DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $
40.5- 44.5	4" qtz. strg. at 42.6' plus two threads slight Py	NOT SAMPLED			
	44.5-45.6 Well min. grano-diorite coarse Py	J.P.67	1.1	0.04	
	45.6-47.9 90% white milky qtz. at 30° to core. Fair Py and Po at chloritic inclusions	J.P.68	2.3	Tr.	
	47.9-50.9 7" of irreg. qtz. stringers (70%) plus highly altered grano-diorite Pyrite coarse and fine dissem. throughout	J.P.69	3.0	Nil	
	50.9-53.9 4-1" qtz. strgs. at 60° to core plus 2 - ½" strgs. and threads. Fair Py along stringer walls	J.P.70	3.0	Nil	

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM No 501 REV 9-44

DRILLED BY .....

SIGNED .....

PROPERTY EAGLELUND MIN'S LIMITED

E NI R

SHEET NUMBER 5

DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT. .....
DEP. .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....
DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
	53.9-56.9						
	Irreg. qtz. strgs. (20%) in grayish altered grano-diorite, fair Py in qtz.	J.P.71	3.0	Nil			
	56.9-59.4						
	Includes 11" and 3" white milky qtz. with some greenish chloritic inclusions, some Py, Po and Zns.						

NORTHERN MINER PRESS LIMITED, TORONTO—STOCK FORM NO 501 REV 9.44

DRILLED BY .....

SIGNED .....

PROPERTY EAGLELUND MINES LIMITED

HOLE NUMBER

SHEET NUMBER 6

SECTION FROM ?

DIAMOND DRILL RECORD

LOCATION: LAT

DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING

DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
	21.0-24.0	J.P.73	3.0	Nil			
	Few scattered qtz. threads fair Py						
	24.0-27.0	J.P.74	3.0	0.03			
	Ditto J.P.73						
	27.0-29.0	J.P.75	2.0	Nil			
	Ditto J.P.74						

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM NO 501 REV 9.44

DRILLED BY

SIGNED

PROPERTY EAGLELUND MINES LIMITED

DIAMOND DRILL RECORD

SHEET NUMBER 7

SECTION FROM ..... TO .....

LOCATION: LAT. .....
DEP. .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....
DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $
	59.4-62.4				
	4" and 2 - 1" qtz. strgs. Highly altered and finer grained. Fair Py and Po	J.P.76	3.0	Tr	
	62.4-65.4	J.P.77	3.0	Tr	
	12" and 3" white milky qtz. veins fair Py along walls				
	65.4-67.0	J.P.78	1.6	Nil	
	3 narrow irreg. qtz. strgs. 1" max. fair Py				
	69.7-72.2	J.P.79	2.5	Nil	
	18" qtz. vein at 20° to core plus 2 - 1" strgs. sl. Py				
	72.2-77.0	J.P.80	4.8	0.01	
	Irreg. qtz. strgs. 1" max. Fine Py. disem.				

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 501 REV 9.44

DRILLED BY

SIGNED .....

PROPERTY EAGLELUND MINES LIMITED

SHEET NUMBER 8

DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT. .....
DEP. .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....
DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	GOLD \$	SILVER GOLD \$		
	77.0-80.7	J.P.81	3.7	Tr			
	25" and 11" qtz. veins at 35° to core						
	Coarse Py along walls						
	80.7-85.0	J.P.82	4.3	Nil			
	5" and 2" qtz. veins good Py						
	85.0-87.0	J.P.83	2.0	Nil			
	6" and 4" qtz. fair Py & littl tourmaline						
	87.0-91.4	J.P.84	4.4	Tr			
	5 narrow qtz. strgs. 2" max. coarse Py in qtz.						
	91.4-93.0	J.P.85	1.6	Tr			
	5" and 1" qtz. strgs. consid. fine Py						

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM No 501 REV. 9/44

DRILLED BY .....

SIGNED .....

PROPERTY EAGLELUND MINES LIMITED

LE N ER ..... L.....

SHEET NUMBER 9

DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT.....
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING .....
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
	95.0-98.0 4" qtz. at 45° to core plus irreg. strgs good Py in qtz.	J.P.86	3.0	Tr			
	99.0-102.0 7", 4" and 3" qtz. strg. good coarse Py. and some Po in qtz.	J.P.87	3.0	Tr			
	102.0-105.0 14" white milky qtz. Patches coarse Py.	J.P.88	3.0	Tr			
	105.0-107.6 5" qtz. plus threads. Fine Py in qtz. and dike	J.P.89	2.6	Nil			
	107.6-110.1 90% qtz. at 45° to core Fair Py at F.W. of sample	J.P.90	2.5	Nil			

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 501 REV 9.44

DRILLED BY

SIGNED

PROPERTY EAGLE-LUND MINES LIMITED

HOLE NUMBER ...

SHEET NUMBER 10

SECTION FROM ... TO ...

DIAMOND DRILL RECORD

LOCATION: LAT. ...
DEP. ...

ELEVATION OF COLLAR ...

DATUM ...

DIRECTION AT START: BEARING ...
DIP ...

STARTED ...

COMPLETED ...

ULTIMATE DEPTH ...

PROPOSED DEPTH ...

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
	110.1-113.1 2" qtz. strg. at 45° to core Coarse and fine Py dissem. throughout	J.P.91	3.0	0.02			
	113.1-115.9 3 - 1" qtz. strgs. with bluish qtz. threads Coarse Py in dike	J.P.92	2.8	Tr			
	115.9-116.7 4" irreg. qtz. at 30° to core Coarse Py in dike	J.P.93	0.8	0.02			
	120.0-121.3 1½" white milky qtz. at 80° to core Consid coarse cubes Py and Po in dike. Numerous bluish qtz. threads	J.P.94	1.3	Tr			
	121.3-123.8 1" qtz. strg. at 80° to core. Dike well min Py	J.P.95	2.5	Tr			

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM No 501 REV 9/44

DRILLED BY ...

SIGNED ...

PROPERTY EASTLUND MINES LIMITED

HOLE NUMBER

SHEET NUMBER 11

DIAMOND DRILL RECORD

SECTION FROM ____ TO ____

LOCATION: LAT. ____ DEP. ____

ELEVATION OF COLLAR ____

DATUM ____

DIRECTION AT START: BEARING ____ DIP ____

STARTED ____

COMPLETED ____

ULTIMATE DEPTH ____

PROPOSED DEPTH ____

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
	123.8-126.8	J.P.96	3.0	0.06			
	2 - 4", 3" and 2" qtz. strgs. at 60° to core. Coarse Py and some Po in patches						
	126.8-129.8	J.P.97	3.0	0.24			
	9" and 3" qtz. strgs. at 30° to core plus bluish qtz. threads. Fair sulphides in dike mostly Py.						
	129.8-132.8	J.P.98	3.0	Tr			
	2 - 7" qtz. veins at 45° to core scattered Py and Po throughout						
	132.8-135.0	J.P.99	2.7	Nil			
	Mostly well min. dike, with qtz. threads (Py)						
	135.0-137.5	J.P.100	2.5	Nil			
	4" qtz. vein at 60° to core Coarse cubes Py in dike						

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM No 501 REV. 9. 44

DRILLED BY

SIGNED

PROPERTY EAGLELUND MINES LIMITED

HOLE NUMBER

SHEET NUMBER 12

DIAMOND DRILL RECORD

SECTION FROM ____ TO ____

LOCATION: LAT. ____ DEP. ____

ELEVATION OF COLLAR ____

DATUM ____

DIRECTION AT START: BEARING ____ DIP ____

STARTED ____

COMPLETED ____

ULTIMATE DEPTH ____

PROPOSED DEPTH ____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
	137.5-139.1 14" white milky qtz. plus threads fair Py along vein walls	J.P.101	1.6	Nil			
	139.1-142.1 7" white qtz. at 30° to core plus 2 - 1" strgs. Coarse Py. Zns. Po.	J.P.102	3.0	Nil			
	146.0-149.0 16", 2" 1" white qtz. coarse cubes Py in dike and walls of veins	J.P.103	3.0	Nil			
	149.0-150.5 40% qtz. in stringers, coarse Py in qtz. and dike	J.P.104	1.5	Nil			
	150.5-153.7 Wall min. dike with qtz. strgs. (1" max. width) good Py.	J.P.105	3.2	0.03			

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM NO 501 REV 8/44

DRILLED BY

SIGNED

PROPERTY EAGLE LINED MINES LIMITED

HOLE NUMBER J-6-0

SHEET NUMBER 13

SECTION FROM ____ TO ____

DIAMOND DRILL RECORD

LOCATION: LAT. ____ DEP. ____

ELEVATION OF COLLAR ____

DATUM ____

DIRECTION AT START: BEARING ____ DIP ____

STARTED ____

COMPLETED ____

ULTIMATE DEPTH ____

PROPOSED DEPTH ____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
	164.0-167.0	J.P.108	3.0	Nil			
	Several qts. stringers (2" max) at 45° to core, scattered coarse Py						
	167.0-170.0	J.P.109	3.0	Nil			
	4" and 2" qts. strg. at 45° to core, scattered coarse cubes Py						
	170.0-174.0	J.P.110	4.0	Tr.			
	2" and 2 - 1" qts. strgs. plus bluish qts. threads, fine and coarse Py.Po						
	174.0-175.5	J.P.66	1.5	0.25			
	7" qts. vein at 45° to core Massive pyrite Po. V.G at 175.0'				20/4'0		
	175.5-176.0	J.P.111	2.5	0.34			
	10" and 6" white qts. veins at 45° to core Good Py, Po and Zns in qts.						

NORTHERN MINER PRESS LIMITED, TORONTO

DRILLED BY ____

SIGNED ____

PROPERTY EAGLELUND MINES LIMITED

HOLE NUMBER

SHEET NUMBER 14

SECTION FROM 3

DIAMOND DRILL RECORD

LOCATION: LAT.
DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
	178.0-181.0 2 - ½" quarts strgs. massive Po fine disem Py in dike	J.P.115	3.0	Nil			
	183.0-185.0 White milky qtz. slight Py along walls	J.P.114	2.0	Nil			
	189.0-192.0 4" and 3" strg. fair Py in qtz. and dike (coarse)	J.P.113	3.0	0.02			
	192.0-195.0 3 - 3" qtz. strgs. good Py and little Po in qtz. and dike	J.P.116	3.0	Tr			
	195.0-197.0 7" and 2" white qtz. veins fair Py, little tourmaline and illmenite.	J.P.117	2.0	0.12			

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 501 REV 9/44

DRILLED BY

SIGNED

PER 1 EL MI L PED

HOLE NUMBER

SHEET NUMBER 15

DIAMOND DRILL RECORD

SECTION FROM ____ TO ____

LOCATION: LAT. ____ DEP. ____

ELEVATION OF COLLAR ____

DATUM ____

DIRECTION AT START: BEARING ____ DIP ____

STARTED ____

COMPLETED ____

ULTIMATE DEPTH ____

PROPOSED DEPTH ____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
	197.0-199.5	J.P.118	2.5	0.04			
	90% white milky qtz. coarse Py in patches						
	199.5-203.0	J.P.119	3.5	0.04			
	Quartz threads and strgs. 2" max. width						
	Fair Py some ilmenite at 202.8						
	203.0-205.4	J.P.120	2.4	Nil			
	Includes 9" white milky qtz. at 80° to core (50% qtz) scattered Py in qtz.&dike						
	205.4-207.4	J.P.121	2.0	Nil			
	White milky qtz. vein sparse min. some fine Py						
	207.4-210.4	J.P.122	3.0	Nil			
	Irreg. qtz. strgs. 3" max. width scattered Py in patches						

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM NO 80 REV 9.44

DRILLED BY

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PROPERTY Lac Elum Mines Limited

HOLE NUMBER

SHEET NUMBER 16

DIAMOND DRILL RECORD

SECTION FROM ____ TO ____

LOCATION: LAT. ____ DEP. ____

ELEVATION OF COLLAR ____

DATUM ____

DIRECTION AT START: BEARING ____ DIP ____

STARTED ____

COMPLETED ____

ULTIMATE DEPTH ____

PROPOSED DEPTH ____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SILVER GOLD $		
	210.4-212.9	J.P.123	2.5	Nil			
	80% white milky qtz. slight Py in patches						
	216.2-218.0	J.P.124	1.8	Nil			
	4" and 3" qtz. strgs. Mass. Py and Po along stringer walls						
	222.0-224.1	J.P.125	2.1	Nil			
	80% white milky qtz. Patches coarse Pyrite in qtz. and dike						
	224.1-226.3	J.P.126	2.2	Nil			
	6" white qtz. vein plus threads Fine Py						
	226.3-230.0	J.P.127	3.7	Nil			
	Series of qtz. stringers, 3" max. width Coarse Py in dike						

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM No 501 REV 8.44

DRILLED BY ____

SIGNED ____

PROPERTY EAGLELUND MINES LIMITED

JOB NUMBER

SHEET NUMBER 17

DIAMOND DRILL RECORD

SECTION FROM TO

LOCATION: LAT. DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	GOLD $	SILVER GOLD $		
	230.0-231.8 18" white milky qtz. at 30° to core, sparse min.	J.P.128	1.8	Nil			
	231.8-235.0 4" qtz. vein at 30° to core plus strgs. (irreg) fair Py(N.B. Footage 2' ahead in box)	J.P.129	3.2	Nil			
	235.0-238.0 4" and 2 - 2" qtz. strgs. at 45° to core Scattered coarse Py a little Po.	J.P.130	3.0	Nil			
	238.0-240.0 4" and 2" qtz. strgs. Good Py and Po	J.P.131	2.0	Nil			
	240.0-242.0 Irreg. qtz. threads, Massive coarse Py, Po throughout, some tourmaline and illmenite	J.P.132	2.0	Tr			

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM No 80 REV 9.44

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DIAMOND DRILL RECORD

HOLE NUMBER ....
SHEET NUMBER ......16......
SECTION FROM .... TO ....

LOCATION: LAT. ....
DEP. ....
ELEVATION OF COLLAR ....
DATUM ....
DIRECTION AT START: BEARING ....
DIP ....

STARTED ....
COMPLETED ....
ULTIMATE DEPTH ....
PROPOSED DEPTH ....

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $	
	242.0-244.0	J.P.133	2.0	Nil		
	16" qtz. vein plus strgs. slight Py in qtz.					
	and dike					
	244.0-247.0	J.P.134	3.0	Nil		
	4" and 2" qtz. strgs. good Py, Po and some					
	illmenite					
	247.0-250.1	J.P.135	3.1	Nil		
	Few qtz. threads plus altered min. dike					
	coarse Py					
	250.1-251.6	J.P.136	1.5	Nil		
	Min. dike, fine dissem. Py					
	251.6-253.3	J.P.137	1.7	Nil		
	12" white milky qtz. slight Py in dike					

NORTHERN MINER PRESS LIMITED, TORONTO—STOCK FORM No 801 REV 9.44

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PROPERTY EASTERN MINES LIMITED ...T N...R 1

DIAMOND DRILL RECORD

SECTION FROM ... TO ...

LOCATION: LAT. ...
DEP. ...

ELEVATION OF COLLAR ...

DATUM ...

DIRECTION AT START: BEARING ...
DIP ...

STARTED ...

COMPLETED ...

ULTIMATE DEPTH ...

PROPOSED DEPTH ...

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SILVER GOLD $		
254 -267	Greyish highly silicious altered tuff, Scattered qtz. threads with fair Py and Po diss. throughout						
	260.0-262.5	J.P.138	2.5	Nil			
	Qtz. strgs. 1" max. good Py						
267.0-298	Med grained greyish tuff						
	272.5 4" white qtz. at 30° to core sparse min.						
	At 274.0 5" qtz. sparse min.						
298.0-305.0	Fine grained chloritic andesite						
305.0	END OF HOLE						

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 501 REV 9/44

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EXPLORATION LOG SHEET

DIP TESTS ON PAGE ...NONE.....

PROPERTY TARBUSH LAKE MINING | CLAIM NO. 519516 | BEARING 139° | LAT: 19.58 W | LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: 190' west and 30' north of #2 post 519516 | HOLE NO. TB85-1

DAY STARTED Sept.24/'85 DAY COMPL. Oct.7,1985 | J.V. NO. _____ | ANGLE 45° | DEP: 4.68 N | TOTAL DEPTH 469'

LOGGED BY J.Langelaar | GRID NO. Miles Lake West sheet | NTS 52F16 | ELEV: creek | PAGE NO. 1

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	%	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg.
SUMMARY:		0 - 110.0	Variable metavolcanics.												
		110.0- 151.7	Finegrained quartz diorite												
		151.7 - 209.5	Variable metavolcanics												
		209.5 - 372.0	Finegrained quartz diorite												
		372.0 - 469.0	Mafic metavolcanics.												
			No major shears or faults.												
0	18.0	Tuffaceous beds and minor intermediate	metavolcs.												
		minor carbonates; coreangles @ 45° Py lessthan		1%											
18.0	± 46.0	Variable,highly siliceous ,light grey material,													
		distinct lineation and coreangles @ 45 - 48°:													
		finegrained seds to tuffaceous ? seds; some intersections													
		could be rhyolitic; minor carbs present; odd quartz-													
		veinlet at 25° Py less than		1%											
± 46	95.0	Mix of mafic to intermediate flow material and													
		highly siliceous beds; coreangles where present ,		46°											
		old quartz and quartzcarb veinlets and patches",													
		primarily restricted to mafic volcanics													
		Intervals of badly broken core : 48 -60 & 71 -7 '		, but not typical of fault/shearzone!											

DIP TESTS ON PAGE .....

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EXPLORATION LOG SHEET

PROPERTY _____ CLAIM NO. _____ BEARING _____ LAT: _____ LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: HOLE NO. _____

DAY STARTED _____ DAY COMPL. _____ J.V. NO. _____ ANGLE _____ DEP: _____ TOTAL DEPTH _____

LOGGED BY _____ GRID NO. _____ NTS _____ ELEV: _____ PAGE NO. 2

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	MINERALIZATION %	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg.
95.0	110.0	Predominantly intermediate to mafic volcs; may													
		contain small (less than 2 feet) intersection of quartzdiorite;													
		material/composition. Noticeable increase in Py content													
		compared with preceeding units; Py in disseminations,													
		odd blebs & string'lets - overall			3%										
		checksamples:	97.0 - 99.0 meatvolcs	Py	3%	A 3701							.01		
			101.0 - 103.0 granodiorite	Py	3%	A 3702							tau		
110.0	118.0	Finegr. Quartz diorite ; starts with 4' of badly													
		broken core; minor grinding. Well pyritized in small													
		blebs and disseminations; odd cubes; slightly													
		magnetic.	overall		3-4%										
		checksamples:	111.0 - 113.0			A3703							tau		
			116.0 - 118.0			A 3704							tau		
118.0	122.8	Var. intermediate volcanics and tuffaceous (?)													
		seds. Preceeding contact sharp; corerangles ≈ 75°;													
		1" quartzcarb. vein near 122.5'. No mineralization													
122.8	151.7	Var. quartz diorite ; variable in that this interval													
		contains several sections of more felsic material													

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DIP TESTS ON PAGE .....

EXPLORATION LOG SHEET

PROPERTY _____ CLAIM NO. _____ BEARING _____ LAT: _____ LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: HOLE NO. TB 85-1

DAY STARTED _____ DAY COMPL. _____ J.V. NO. _____ ANGLE _____ DEP: _____ TOTAL DEPTH _____

LOGGED BY _____ GRID NO. _____ NTS _____ ELEV: _____ PAGE NO. 3

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	MINERALIZATION %	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg.
conti.	151.7	with occasional quartzveinlets: width of more felsic mat. less than													
		3". Considerable Py overall 3 - 4% in stringlets, blebs and													
		disseminations; odd cube; @ 140' 1/4 " stringer of													
		massive Py.													
		checksamples:	139.0 - 141.4 (more felsic) Py		4-5%	A3705							tace		
			144.0 - 146.0			A3706							tace		
		Contact with preceeding section not sharp, although													
		last 2½" consists of brecciated quartzcarb.													
		checksample	144.0 - 146.0			A3706							tace		
151.7	185.4	Intermed - mafic volcs, structureless; odd 3mm													
		quartzcarb.veinlet; Py scattered throughout, overall 2 - 3%													
		At 176' badly broken core over 4": not typical for													
		shear or fault.													
185.4	187.0	Mafic volcanics; lineation distinct, core angles													
		~ 75°; minor carb, odd quartzcarb. veinlet, Py less 1%													
187.0	208.5	Var. intermed. - mafic volcanics; minor carbs; odd													
		quartzveinlet; Py scattered throughout, less than	2%												
		overall; may contain small quartzdioritic intersections.													

DIP TESTS ON PAGE .....

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EXPLORATION LOG SHEET

PROPERTY _____ | CLAIM NO. _____ | BEARING _____ | LAT: _____ | LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: | HOLE NO. TB 85-1

DAY STARTED _____ DAY COMPL. _____ | J.V. NO. _____ | ANGLE _____ | DEP: _____ | TOTAL DEPTH _____

LOGGED BY _____ | GRID NO. _____ | NTS _____ | ELEV: _____ | PAGE NO. 4

FOOTAGE From	To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	%	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg
208.5	209.5	Rhyolite; core angles @ 72°													
209.5	232.4	Variable quartz diorite; minor Py scattered throughout													
		, overall less than 1 - 2%. At 225' badly broken													
		core, could be minor shear; carbs present													
		checksample:	226 - 228.0	Py 3%		A3707							trace		
232.4	235.0	Tuffaceous horizon : no pyrite.													
235.0	285.0	Var. quartz diorite, var.due to more felsic intervals													
		minor quartz and quartzcarb veinlets; quartz tourmaline													
		over ½" @ 245.2; 2" quartzvein @ 259.4 at 24°													
		at 261.0 weak shearzone over 7" with increase in Py													
		content up to 3%; this coincides with start of more													
		felsic interval, which runs from 275.0 - 285.0 and													
		contains well developed quartzeyes but lacks Py.													
		Pyrite content variable for this interval, overall			1-2%										
		checksample:	245.0 - 247.0	Py	3%	A3708							trace		
285.0	294.0	Lighter coloured quartz diorite; odd Py. Contact													
		with preceeding unit sharp @ 65°. May be weakly sheared.													
		Odd quartz and carb.veinlet; virtually no mineral.													

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DIP TESTS ON PAGE .....

EXPLORATION LOG SHEET

PROPERTY _____ CLAIM NO. _____ BEARING _____ LAT: _____ LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: HOLE NO. TB 85-1

DAY STARTED _____ DAY COMPL. _____ J.V. NO. _____ ANGLE _____ DEP: _____ TOTAL DEPTH _____

LOGGED BY _____ GRID NO. _____ NTS _____ ELEV: _____ PAGE NO. 5

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	MINERALIZATION %	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg
294.0	327.0	Finegrained quartz diorite; variable in places, well developed quartzeyes; at 295.1 ½" quartz-tourmaline veinlet. quartzeyes partic. between 295.0 and 304.1. The quartzeye containing interval could be a porphyritic tuff(?) At 324.8 broken core over 2½". Odd carb.veinlet; Py variable but not exceeding 3%.													
327.0	346.0	Finegrained quartz diorite. Py in fine disseminations overall 2 - 3%. Odd quartz carb.veinlet.													
		Checksample:	339.0 - 341.0		3%	A3709							tau		
346.0	372.0	As above: finegrained quartz diorite with finely disseminated pyrite: 2 - 3%.Overall mineralization is rather variable and may locally reach 5% over short distances. Pyrrhotite stringer @ 347. Odd quartz carb. veinlet. Py increase around 349.5 (6%)													
		Checksample	347.0 - 350.0		3-4%	A3710							tau		
372.0	378.0	Intermed. tuff unit; lightgrey silic.material with pronounced linéation in places; coreangles @ 65-74°													
		Contains some carb. Py scattered throughout			2%										

DIP TESTS ON PAGE .....

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EXPLORATION LOG SHEET

PROPERTY _____ | CLAIM NO. _____ | BEARING _____ | LAT: _____ | LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: | HOLE NO. TB 85-1

DAY STARTED _____ DAY COMPL. _____ | J.V. NO. _____ | ANGLE _____ | DEP: _____ | TOTAL DEPTH _____

LOGGED BY _____ | GRID NO. _____ | NTS _____ | ELEV: _____ | PAGE NO. 6

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	%	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg.
conti'ed	378.0	At 374 1/4 'long	Pyrrhotite "ribbon" subparalleling												
		core: width 1/2".	Sharp upper contact (with quartzdiorite)												
		@ 68°.	Bottom contact (with proceeding volcs)NOT												
		sharp but gradational.													
378.0	469.0	Mafic volcanics; basalts; may contain minor pyrite.													
		Abundance of Magnetite in fine disseminations and													
		indiv. blebs.	Coreangles @ 402 @ 66°.												
		At 433.0 drill	hit waterseam resulting in strong												
		contin. upflow	of water through rods and pump...!												
		(great well)	Odd carb.veinlets throughout;												
		coreangles at	468.2 vague @ 72°												
		Magnetite throughout whole unit.													
E.O.H.															
		Notes:	No diptests.												
			Drill set up on outcrop in creekbed.												
			No casing; hole one foot south of												
			anchor - strong outflow of water.												

DIP TESTS ON PAGE ..NONE.....

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EXPLORATION LOG SHEET

PROPERTY Tarbush - Eaglelund portion	CLAIM NO. 850188	BEARING 150° mag	LAT: not grid	LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: 440' west and 260' north of post No 1 - 850188	HOLE NO. TB 85-2
DAY STARTED Oct 13/'85 DAY COMPL. Oct 18,'85	J.V. NO. n.a.	ANGLE 45°	DEP: related		TOTAL DEPTH 218'
LOGGED BY J.Langelaar	GRID NO. n.a.	NTS 52F16	ELEV: ?		PAGE NO. 1

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	MINERALIZATION %	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg
		No casing; collared in bedrock after powerstripping.													
		SUMMARY:	71.5 - 104.0 Finegrained Granodiorite with numerous quartzveins and veinlets												
			This unit is contained within mafic metavolcanics ranging from flows to tuffaceous												
			horizons. On either side of the granodiorite, several feet of transitional material -												
			due to contactmetamorphism.												
2.0	4.4	Tuffaceous unit													
4.4.	8.5	quartz sericite schist; contains 4" of intermed -													
		mafic volcanics; this interval resembles somewhat													
		the (quartz porphyry) sericite schist approx. 300													
		feet south of collar of this hole on surface.													
		checksample:	4.4 - 6.4	Py	2-3%	A 3716							tr		
8.5	10.0	Tuffaceous seds , coreangles ~ 45°		Py	2-3%	A 3717							tr		
10.0	69.5	Mix of crystal tuff and minor mafic flow units-													
		andesitic to basaltic; contains small stringlets													
		of carbonates and abundance of finely disem.													
		magnetite; coreangles ~ 20° ~50° and 44° ~ 45°.													
		Contact with next granodiorite gradational over approx. 4'.													

DIP TESTS ON PAGE ..NONE.....

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EXPLORATION LOG SHEET

PROPERTY Tarbush - Eaglelund portion | CLAIM NO. 850188 | BEARING 150°mag | LAT: not grid | LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: 440' west and 260' north of post No 1 - 850188 | HOLE NO. TB 85-2

DAY STARTED Oct 13/'85 DAY COMPL. Oct 18,'85 | J.V. NO. n.a. | ANGLE 45° | DEP: related | TOTAL DEPTH 218'

LOGGED BY J.Langelaar | GRID NO. n.a. | NTS 52F16 | ELEV: ? | PAGE NO. 2

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	MINERALIZATION %	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg
69.5	107.3	Variable finegrained granodiorite with quartzveins,													
		see individual description following:													
69.5	71.5	transitional contact material, very finegrained,													
		probably still of metavolc. composition - no qua.vns				A3718	Py 1%						tr		
71.5	74.1	as above but slightly more granodioritic	Py less	1%		A3719							tr		
74.1	76.3	white quartzvein; minor granodior. Py less than		1%		A3720							tr		
76.3	78.0	Finegrained quartzdiorite with quartzstringers Py		2%		A3721							tr		
78.0	80.0	As above; Po in first 3"	Py	2%		A3722							tr		
80.0	82.0	As above; 2" quartzvein	Py	2%		A3723							tr		
82.0	84.0	As above; odd coarse Po and Py	Py	2%		A3724							tr		
84.0	86.0	As above; locally increase in Py, cubic & coarse		3%		A3725							tr		
86.0	88.6	As above; locally increase in Py; some cubic po		3-4%		A3726	po magnetic!						tr		
88.6	91.0	White quatrzvein Py less than 1%				A3727							tr		
91.0	94.0	White quartzvein -				A3728							tr		
94.0	96.0	Finegrained quartzdiorite with quartzveins & veinlets				A3729	Py 3%						.01		
96.0	98.0	As above; Py and minor po		3%		A3730							tr		
98.0	100.0	As above Py and minor Po		2%		A3731							tr		
100.0	102.0	As above; minor quartzveins; odd po	Py	2%		A3732							tr		

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DIP TESTS ON PAGE ..NONE.....

EXPLORATION LOG SHEET

PROPERTY Tarbush - Eaglelund portion	CLAIM NO. 850188	BEARING 150° mag	LAT: not grid	LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: 440' west and 260' north of post No 1 - 850188	HOLE NO. TB 85-2
DAY STARTED Oct 13/'85 DAY COMPL. Oct 18,'85	J.V. NO. n.a.	ANGLE 45°	DEP: related		TOTAL DEPTH 218'
LOGGED BY J.Lamplugh	GRID NO. n.a.	NTS 52F16	ELEV: ?		PAGE NO. 3

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	%	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg
102.0	104.0	Finegrained quartzdiorite; odd Fp		Py	2%	A3733							t		
104.0	107.3	as above but transitional into following unit of													
		metavolcs; 3" quartzvein @ 104.0				A3734							.01		
107.3	121.3	Transitional material into metavolcanics. Predom.													
		tuffaceous but contains silicified sections which													
		may be granodiorite offshoots; minor quartzveinlets													
		and carbon. present.													
		checksample:	118 - 120			A3735							t		
121.3	218.0	Predom. mafic metavolcanics - andesites to basalts													
		with abundant carbonate stringers and veinlets; may													
		contain minor tuffaceous interbeds and occassion.													
		stringer of Py; some sections are (very) magnetic.													
		checksample:	188 - 191.0 abund. carbs	1%Py		A3736							t		
		Coreangles at	213.0 (tuffs) @ 58°												
		End of hole.													

DIP TESTS ON PAGE ....NONE.....

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EXPLORATION LOG SHEET

PROPERTY TURBUSH - Eaglelund portion	CLAIM NO. 850188	BEARING 150° mag	LAT: on picket-line, 120' DEP: west of
DAY STARTED Oct 18 '85 DAY COMPL Oct 21/'85	J.V. NO. n.a.	ANGLE 45°	ELEV: TB 85-2
LOGGED BY J.Langelaar	GRID NO. n.a.	NTS 52F16	LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: 555' west of and 205' north of post #1: 850188

HOLE NO. TB 85-3
TOTAL DEPTH 339'
PAGE NO. 1

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	MINERALIZATION %	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg
		SUMMARY:													
		86.3 - 127.0	Finegrained granodiorite with two generations of quartz: i.e. 1) white generally wide quartz and 2) grey quartz in minute veinlets and "hairline" cracks.												
		267.0-317.4	Sericite quartz porphyry - moderately - weakly sheared												
		319.7-335.4	Coarse grained quartz porphyry, minor sericite.												
0	14.0	Casing													
14.0	25.5	Var. metavolcs; predominantly tuffs; odd ½" to 1" quartzcarb. veins crosscutting formation @ 56°-78°													
25.5	27.1	Finegrained metasediments, somewhat sericitic. Coreangles @ 51°													
27.1	56.0	Predominantly basic flow material: andesitic - basaltic with carb stringers and veinlets. Locally magnetic. May contain tuffaceous interbeds; minor specks of pyrite: less than 1%; locally chloritization. From 41.0 - 44.9 mix of tuffs & seds; odd fy													

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DIP TESTS ON PAGE .....

EXPLORATION LOG SHEET

PROPERTY TARBUSH - Eaglelund portion | CLAIM NO. ~~850188~~ | BEARING 150°mag | LAT: on picket-line, 120' | LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: 555' west of and 205' north of post #1: 850188 | HOLE NO. TB 85-3

DAY STARTED Oct 18 '85 DAY COMPL Oct 21/'85 | J.V. NO. n.a. | ANGLE 45° | DEP: ~~west of~~ | TOTAL DEPTH 339'

LOGGED BY J.Lanc.laar | GRID NO. n.a. | NTS 52F16 | ELEV: TB 85-2 | PAGE NO. 2

FOOTAGE From	To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	%	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg
contin	56.0	Checksample:	41 - 43	Py	2%	A3737							kaa		
56.0	63.0	As above but considerable quartzcarb development up													
		to 12" wide. This appears to be characteristic on													
		surface as well where well developed quartzveins													
		occur within approx. 50 feet of northcontact with													
		the granodiorite.Minor chloritization and some tuffaceous interbeds													
		Py minimal.	Checksample: 58.7 - 60.0	(quartz)Py	<1%	A3738							kaa		
63.0	86.3	Mafic metavolcanics; flow material and tuffs; very													
		minor quartz and carbonate; Py less than			1%										
86.3	127.0	Finegrained granodiorite with quatrzveins, veinlets													
		and stringers; very minor carbs. Mineralization													
		varies: see descriptions. Po and Py present and													
		very minor galena. Last 3' transitional (124 - 127)													
		into next unit. Top contact @ 86' fairly sharp.													
		Two generations of quartz: generally wide, white													
		(up to 2 feet) andgrey quartz in small veinlets.													
		Galena restricted to the narrow grey veinlets.													
86.3	90.0	Finegrained granodiorite, minor grey quartz, odd fb				A3739	Py<1%						kaa		

at 88.5

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DIP TESTS ON PAGE .....

EXPLORATION LOG SHEET

PROPERTY TARBUSH - Eaglelund portion | CLAIM NO. 850188 | BEARING 150°mag | LAT: on picket-line, 120' | LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: 555' west of and 205' north of post #1: 850188 | HOLE NO. TB 85-3

DAY STARTED Oct 18 '85 DAY COMPL Oct 21/'85 | J.V. NO. n.a. | ANGLE 45° | DEP: ~~west of~~ | TOTAL DEPTH 339'

LOGGED BY J.Langelaar | GRID NO. n.a. | NTS 52F16 | ELEV: TB 85-2 | PAGE NO. 3

FOOTAGE From	FOOTAGE To	Rock Classification / Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	%	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg.
90.0	93.0	As above; minor grey quartzveinlets	Py	1%	A3740							.01		
93.0	96.0	As above; odd Pb or Mo??? at 95.9	Py	1%	A3741							t		
96.0	99.0	As above; contains 1½ foot white quartzvn;	Py	1%	A3742							.01		
99.0	102.0	As above; contains 3½" quartzvn; Py increase, odd	Po 3%		A3743	Py coarse & cubic						t		
102.0	105.0	As above; several white quartzvns: Py,Po	magnetite and odi	3%	A3744							t		
105.0	108.0	As above; locally coarse & cubic Py and	Po	3%	A3745							t		
108.0	111.0	As above; less white quartzvns & veinlets	Py	1-2%	A3746							t	nil	
111.0	114.0	As above, minor quartzveinlets	Py	2%	A3747							t	nil	
114.0	117.0	As before; several 2" quartzvns	Py	2%	A3748							t	nil	
117.0	120.0	As before; minor quartz	Py	2%	A3749							t		
120.0	123.0	As above;	Py	2%	A3750							t		
123.0	127.0	As above; last 2 feet transitional	Py	1-2%	A3751							t		
127.0	222.0	Predominantly tuffaceous units, may contain minor basic flows; corean gles ≈ 45°. Py in fine disseminations, substantial increase in carbonates (stringers, blebs and veins) from 165.8 to 201.0. Locally minor chloritization. At 217' coreangle ≈ 55°.		2-3%										
222.0	267.0	Predominantly tuffaceous units; very coarse												

DIP TESTS ON PAGE .....

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PROPERTY TARBUSH - Eaglelund portion | CLAIM NO. 850488 | BEARING 150° mag | LAT: on picket-line, 120' | LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: 555' west of and 205' north of post #1: 850188 | HOLE NO. TB 85-3

DAY STARTED Oct 18 '85 DAY COMPL Oct 21/'85 | J.V. NO. n.a. | ANGLE 45° | DEP: west of | TOTAL DEPTH 339'

LOGGED BY J.Langelaar | GRID NO. n.a. | NTS 52F16 | ELEV: TB 85-2 | PAGE NO.

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	%	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg.
contin	267.0	lapilli (?) or fragments around 231.0 - 240.0													
		May contain odd 2" - 4" wide granodiorite to													
		quartzporphyry "offshoots". Carbonates omnipresent.													
		Disseminations of Py scattered throughout			1%										
267.0	317.4	Sericitic quartz-porphyry: first 11 feet moderate-													
		ly sheared, rest weakly sheared.(Surface outcrop													
		suggest strong shearing!)													
		Contains minute specks of Pyrite, overall less than 1%													
		Checksamples:	267.0 - 270.0			A3752							tau		
			276.0 - 279.0			A3753							"		
			291.0 - 294.0			A3754							"		
			303.0 - 306.0			A3755							"		
			313.0 - 316.0			A3756							"		
		Core difficult to split; have sampled per ½ inch -													
		½" unsplit for sample, ½"left etc.etc.													
317.4	319.7	Tuffs, locally abundant Magnetite, concentration													
		of Py stringers near contact with proceeding unit.													
319.7	335.4	Coarse grained quartz porphyry, minor sericite;													

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DIP TESTS ON PAGE .....

EXPLORATION LOG SHEET

PROPERTY TARBUSH - Eaglelund portion | CLAIM NO. 850188 | BEARING 150° mag | LAT: on picket-line, 120' | LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: 555' west of and 205' north of post #1: 850188 | HOLE NO. TB 85-3

DAY STARTED Oct 18 '85 DAY COMPL Oct 21/'85 | J.V. NO. n.a. | ANGLE 45° | DEP: ~~west of~~ | TOTAL DEPTH 339'

LOGGED BY J.Langelaar | GRID NO. n.a. | NTS 52F16 | ELEV: TB 85-2 | PAGE NO. 6

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	MINERALIZATION %	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg.
contin.	335.4	sheared over first 6 feet; odd ky and odd tourmaline													
		checksample:	326.0 - 329.0			A3757							taen		
335.4	339.0	Variable metavolcanics - andesitic - basalric flows.													
			End of hole.												
		NO DIPTESTS.													
		CASING LEFT IN HOLE - 14 feet.													
		Hole makes water!													

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EXPLORATION LOG SHEET

DIP TESTS .NONE.....

PROPERTY Tarbush - Eaglelund portion | CLAIM NO. 850188 | BEARING 150° mag | LAT: 80' behind | LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: 595' west and 275' north of #1 post 850188 | HOLE NO. TB 85-4

DAY STARTED Oct 23/'85 DAY COMPL. Oct.26/'85 | J.V. NO. n.a. | ANGLE 45° | DEP: TB 85-3 on line | TOTAL DEPTH 247'

LOGGED BY J.Langelaar | GRID NO. n.a. | NTS 52F16 | ELEV: | PAGE NO. 1

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	%	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg.
186.7	218.0	SUMMARY:	Intersected granodiorite consists of finegrained and coarsegrained sections: the coarsegrained "core" occurs between 193.0 and 208/209' and shows considerable tourmaline development. Characteristic white quartzveindevelopm. is absent in this hole (as compared with TB 85-2 &3) Cubic Py and Po is present, as is second generation(?) grey quartzveinlets, which generally carry the bulk of the tourmaline.											
0	2.0	Casing													
2.0	93.8	Metavolcanics:	mix of tuff and flow material: at 26', 3" of quartzcarbs: odd speck of Py, coreangles @ 40° at 16'. Badly broken core at 17' over 3" - minor shear??. Tuff interval are narrow. At 35.1' quartz and carbdevelopment over 1.7'. Some carb over one foot at 39'. Chlorite present throughout this interval which is weak to moderate magnetic. Between 64.3 and 71.0 slight increase in carbonates with epidotized section of 6" at 71'. Minor Py increase for section 80 - 96.3 which also contains minor 1-2" tuff beds.											

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DIP TESTS. .NONE.....

PROPERTY Tarbush - Eaglelund portion | CLAIM NO. 850188 | BEARING 150°mag | LAT: 80' behind | LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: 595' west and 275' north of #1 post 850188 | HOLE NO. TB 85-4

DAY STARTED Oct 23/'85 DAY COMPL. Oct.26/'85 | J.V. NO. n.a. | ANGLE 45° | DEP: TB 85-3 on line | TOTAL DEPTH 247'

LOGGED BY J.Langelaar | GRID NO. n.a. | NTS 52F16 | ELEV: | PAGE NO. 2

FOOTAGE From	FOOTAGE To	Rock Classification / Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	%	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg
98.8	104.0	Variable metavolcanics; suspect very finegrained tuffs (lightgrey in colour); contains minor carbs, non-magnetic Distinct coreangles at 50°												
104.0	± 121.0	Predominantly tuffaceous metavolc. Odd speck of Py minor carbs; coreangles ± 50°; transitional into proceeding unit.												
±121	125.3	Tuff.sediments; unit predom. lightgrey, odd speck of Py; coreangles at 50°												
125.3	186.7	Variable metavolcs.: mix of flows and tuffs, the latter dominant. May contain minor sediment.beds. In general moderate to highly magnetic, partic. between 132.0 - 149.0. Odd epidote and chlorite stringers; carbs minor. Considerable increase in chlorite past 149 and up to around 165'. This chloritized section contains disseminated specks and blebs of -sometimes euhedral- magnetite. Odd Py scattered throughout. From 165 -186.7 weak to moderately magnetic.												
186.7	218.0	Fine- and coarsegrained granodiorite; coarsegrained												

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DIP TESTS .NONE.....

EXPLORATION LOG SHEET

PROPERTY Tarbush - Eaglelund portion | CLAIM NO. 850188 | BEARING 150°mag | LAT: 80' behind | LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: 595' west and 275' north of #1 post 850188 | HOLE NO. TB 85-4

DAY STARTED Oct 23/'85 DAY COMPL. Oct.26/'85 | J.V. NO. n.a. | ANGLE 45° | DEP: TB 85-3 on line | TOTAL DEPTH 247'

LOGGED BY J.Langelaar | GRID NO. n.a. | NTS 52F16 | ELEV: | PAGE NO. 3

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	%	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg.
contin'd 218.0		starts at 193 and continues to approx. 208/209'													
		This granodiorite LACKS the characteristic white quartz													
		veins as encountered in hole 85-2 & 85-3. The whole													
		section contains scattered specks and blebs - some													
		cubic - of pyrite, whereas the coarser grained "core"													
		contains considerable cubic pyrrhotite(!). Minute													
		grey qartzveinlets are present (second generation quartz?)													
		with tourmaline stringlets, which could be mistaken													
		for galena mineralization also odd Pb has been noted.													
		See individual descriptions following as per sample interval:													
186.7	190.0	Finegrained granodiorite; odd grey quartzveinlet,													
		odd Pb(?), Py around 1%			1.0	A3758							trace		
190.0	193.0	as above; odd speck of Pb, minor tourmaline	Py		1.0	A3759							.01		
193.0	196.0	Coarsegrained granodior.; odd Pb, odd tourmaline	roPy		2-3%	A3760		minor epidote.					trace		
196.0	199.0	Coarsegrained. Increase in Po, odd tourmaline;	Py		3-4%	A3761							trace		
199.0	202.0	as above; old tourmaline; cubic Po, Py in specks,													
		blebs and cubes			3-4%	A3762							trace		
202.0	205.0	as above - abundant grey quartzveinlets and well-													

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EXPLORATION LOG SHEET

DIP TESTS. .NONE.....

PROPERTY Tarbush - Eaglelund portion | CLAIM NO. 850188 | BEARING 150° mag | LAT: 80' behind | LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: 595' west and 275' north of #1 post 850188 | HOLE NO. TB 85-4

DAY STARTED Oct 23/'85 DAY COMPL. Oct.26/'85 | J.V. NO. n.a. | ANGLE 45° | DEP: TB 85-3 on line | TOTAL DEPTH 247'

LOGGED BY J.Langelaar | GRID NO. n.a. | NTS 52F16 | ELEV: | PAGE NO. 4

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	MINERALIZATION %	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg
contin'd 205.0		developed tourmaline X-tals, odd Po. Some coarse													
		quartz x-tals		Py	2-3%	A3763							trace		
205.0	208.0	Coarsegrained	granodior.; well develop.	tourmaline											
		x-tals		Po - Py	2-3%	A3764							trace		
208.0	211.0	Mix of coarse & finegrained granodiorite; last 2'													
		is finegrained		Py	2%	A3765							trace		
211.0	214.0	finegrained granodior.: last foot transitional													
		into metavolcanics: could be metatuffs already: Py			<1%	A3766							trace		
214.0	247.0	Predomin. tuffs; considerable quartzcarb. veining													
		between 228.0 - 230.7; only minor Py; weakly magnetic													
		in places. Odd Py near 226 over one foot. This unit may													
		contain several small sections of sedimentary material													
			Py overall far less than 1%												
			E.O.H.												
		CASING LEFT													

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EXPLORATION LOG SHEET

DIP TESTS ....None....

PROPERTY TARBUSH - Eaglelund portion	CLAIM NO. 850188	BEARING 55°mag	LAT: see	LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: 113' north of and 540' west of N°1 850188	HOLE NO. TB 85-5
DAY STARTED Oct 28/'85 DAY COMPL Oct.31/'85	J.V. NO. n.a	ANGLE 45°	DEP: summary		TOTAL DEPTH 178
LOGGED BY J.Langelaar	GRID NO. n.a.	NTS 52F16	ELEV:		PAGE NO. 1

FOOTAGE From	To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	%	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg
		SUMMARY: a)	Position: West of line where TB85-3 & TB85-4 were drilled: 55 feet southeast of												
			TB 85-3 and 38 feet west (southwest) of line.												
		b)	This hole drilled down the STRIKE of the granodiorite.												
0	4.0	Overburden, removed by bulldozer													
4.0	145.0	Variable granodiorite with quartzveins:		see individual		descriptions									
		as follows:													
4.0	7.0	Broken up material-near surface. 1foot wide white		q.v.											
				Py less	1%	A3768							trace		
7.0	10.0	Finegrained granodiorite, virtually no		white q.v											
		nor Py; small grey q.veinlets, minor tourmaline			< 1%	A3769							tr		
10.0	13.0	As above, contains one foot white q.v			1%	A3770							tr		
13.0	16.0	As above, odd 1" q.v.; odd tourmaline		Py	1-2%	A3771							tr		
16.0	19.0	As above, several 3" white q.v's; odd bleb of Py			1 - 3%	A3772							tr.		
19.0	22.0	as before; plenty white q.v.mat. dissem.		Py +tourm	2%	A3773							tr		
22.0	25.0	Predom. finegr. odd 1" q.v.+ grey veinlets; tourm.			2%	A3774							tr		
25.0	28.0	as above; no white q.v's; odd bleb +dissem. Py													
			some tourmaline		2-3%	A3775							trace		

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DIP TESTS ON PAGE .....

EXPLORATION LOG SHEET

PROPERTY _____ CLAIM NO. _____ BEARING _____ LAT: _____ LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: HOLE NO. TB85-6

DAY STARTED _____ DAY COMPL. _____ J.V. NO. _____ ANGLE _____ DEP: _____ TOTAL DEPTH _____

LOGGED BY _____ GRID NO. _____ NTS _____ ELEV: _____ PAGE NO. 2

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	MINERALIZATION %	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg.
28.0	31.0	Var. granodiorite; plenty q.v's-var. width, tourmaline													
		blebby coarse Py some cubic, minor epidote			3%	A3776									
31.0	34.0	As before; less white q.v's but increase in grey											tr		
		quartz veinlets; locally coarse Py, minor Po, tour.			3%	A3777							tr		
34.0	37.0	As above; odd white 1" q.v ; Py in disseminations			2%	A3778							tr		
37.0	40.0	As above, some coarse blebby-odd cubic		Py	2%	A3779							tr		
40.0	43.0	As above, odd white q.v; Py dissem + odd blebs			2-3%	A3780							tr		
43.0	46.0	as before; odd Po, minor white q.v's		Py	3%	A3781							tr		
46.0	49.0	as before; some Py very coarse; odd Po			2-3%	A3782							tr		
49.0	52.0	finegrained granodiorite; odd q.v., minor Po		Py	2-3%	A3783							tr		
52.0	55.0	as above but finer grained; odd q.v.-grey		q.v. Py	3%	A3784							tr		
55.0	58.0	as above; odd white q.v.over 3"; minor tourmaline			1%	A3785							tr		
58.0	61.0	as before; contains 1foot wide q.v. odd Py,tourm			1%	A3786							tr		
61.0	64.0	as above but darker grey; no white q.v's; some grey			1-2%	A3787							tr		
64.0	67.0	as before; minor grey veinlets Pyless than			1%	A3788							tr		
67.0	70.0	as above; contains 1foot white q.v.		Py	1%	A3789							tr		
70.0	73.0	as above; contains one 1" q.v.		Py	1-2%	A3790							tr		

DIP TESTS ON PAGE .....

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EXPLORATION LOG SHEET

PROPERTY _____ CLAIM NO. _____ BEARING _____ LAT: _____ LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: HOLE NO. TR 85-6

DAY STARTED _____ DAY COMPL. _____ J.V. NO. _____ ANGLE _____ DEP: _____ TOTAL DEPTH _____

LOGGED BY _____ GRID NO. _____ NTS _____ ELEV: _____ PAGE NO. 3

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	%	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg.
73.0	76.0	Finegr. granodiorite; minor white q.v's		Py less	1%	A3791							tr		
76.0	79.0	as above; grey quartzveinlets		Py	1%	A3792							tr		
79.0	82.0	as before; contains one 3" q.v.		Py	1-2%	A3793							tr		
82.0	85.0	as above; no white q.v's		Py less	1%	A3794							tr		
85.0	88.0	as before; 2" white and some grey veinlets		Py less	1%	A3795							tr		
88.0	91.0	as above; no white q.v's	Py considerable less than		1%	A3796							tr		
91.0	94.0	as before; one 1½" q.v.	hardly any Py		1%	A3797							tr		
94.0	96.0	as above; odd bleb of Py			1%	A3798							tr		
96.0	99.0	as above; 1½foot white q.v.		Py	<1%	A3799							tr		
99.0	103.0	as before; 1foot white q.v. odd galena,		odd tourm.	1%	A3800							tr		
103.0	106.0	as before, somewhat darker grey than previous mat.			1-2%	A4101							tr		
106.0	109.0	as above; odd minor grey and white veinlets		Py	1%	A4102							tr		
109.0	112.0	as before	Py less than		1%	A4103							tr		
112.0	115.0	as before; minor grey and white veinlets	of quartz		<1%	A4104							tr		
115.0	118.0	as above odd grey q.veinlets; odd Py		less	1%	A4105							tr		
118.0	120.0	as above	Py less than		1%	A4106							tr		
120.0	121.0	as above: 2 ½" grey+white veinlets; odd		Po/Py	2%										
		CONTAINS 4 SACKS OF V.G. - whole core submitted				A4107							.32/ 2.78		

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DIP TESTS ON PAGE .....

EXPLORATION LOG SHEET

PROPERTY _____ CLAIM NO. _____ BEARING _____ LAT: _____ LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: HOLE NO. TB 85-6

DAY STARTED _____ DAY COMPL. _____ J.V. NO. _____ ANGLE _____ DEP: _____ TOTAL DEPTH _____

LOGGED BY _____ GRID NO. _____ NTS _____ ELEV: _____ PAGE NO. 4

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	MINERALIZATION %	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg.
121.0	124.0	as before; 2" white q.v.		Py	1%	A4108							tr		
124.0	127.0	finegrained granodiorite; odd veinlet,	odd speck	Py	< 1%	A4109							tr		
127.0	130.0	as before; odd 1" q.v.	Py less than		1%	A4110							tr		
130.0	133.0	as before; no q.v's,	may contain minor	metavolcs	1%	A4111							tr		
133.0	136.0	as above	Py less than		1%	A4112							tr		
136.0	139.0	as above	-- - -		1%	A4113							tr		
139.0	142.0	finegr. granodiorite; odd grey and white	veinlets										tr		
		some transitional material into metavolcs,	Py less		1%	A4114							tr		
142.0	145.0	Transitional material: granodiorite - metavolcs			< 1%	A4115							tr		
145.0	148.0	Metavolcs; odd quartzcarb; coreangles ≤	5°			A 4116							tr		
148.0	178.0	Metavolcanics; coreangles from 0° to 10°;	odd bleb												
		of Po and Py at 176'; minor carbs.													
		END OF HOLE.													
		Material collected from around coresplitter - bits and pieces													
		and dust for all split sections combined				A4117							tr		

NORONTEX EXPLORATION LTD.
DRYDEN - Ontario. ph: 807-937-5085

EXPLORATION LOG SHEET

DIP TESTS : ..NONE.....

PROPERTY TARBUSH - Eacklund portion | CLAIM NO. 850188 | BEARING 51½° mag | LAT: see summary | LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: 155' north & 465' west of N°1 850-188 | HOLE NO. TB85-6

DAY STARTED Nov 3/'85 DAY COMPL. Nov.6/'85 | J.V. NO. n.a. | ANGLE 45° | DEP: | TOTAL DEPTH 218'

LOGGED BY J.Langelaar | GRID NO. n.a. | NTS 52F16 | ELEV: - | PAGE NO. 1

FOOTAGE From	FOOTAGE To		Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	%	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg.
			SUMMARY: a)	POSITION: this drillhole is located												
				92' east of TB85-5 and 12' south of same												
			b)	Main Granodiorite occurs between 4' and about 103'; past 103' material becomes somewhat												
				transitional into metavolcanics; at 169' the units encountered are metavolcs.												
			c)	This hole has been drilled with the strike.												
0	4.0		Casing													
4.0	103.0		Variable granodiorite and quartzdiorite with multi													
			quartzveins & veinlets; for details see descriptions													
			following:													
4.0	6.0		Badly broken core; part of regolith.													
6.0	10.0		Finegrained granodiorite; several 1"-3" ¼" white													
			quartzveins; Py in blebs (few) and minor dissemin.													
			odd Po	overall	1	1-2%										
10.0	14.0		As above though less quartzvein mat.		Py	2%	A4118							Trace		
14.0	15.0		As above; one inch solid Py crosscutting core			2%	A4119							.24		
15.0	28.0		Fine- to mediumgrained granodiorite; somewhat brecciated													
			in places, abundant white quartzveins, ranging from													
			1" to 7"; Po minor; fair amount of tourmaline; Py			2%										

DIP TESTS ON PAGE .....

NORONTEX EXPLORATION LTD.
DRYDEN - Ontario. ph: 807-937-5085

EXPLORATION LOG SHEET

PROPERTY	CLAIM NO.	BEARING	LAT:	LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST:	HOLE NO. TB85-6
DAY STARTED ____ DAY COMPL. ____	J.V. NO.	ANGLE	DEP:		TOTAL DEPTH
LOGGED BY	GRID NO.	NTS	ELEV:		PAGE NO. 2

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	%	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg.
contin'd 28.0		Checksample:	20 -22; one fleck of v.g. ???6"whole core submitted.			A4120							tr		
28.0	53.0	Var. granodiorite with abundant white quartzveins													
		various sections with welldeveloped tourmaline X-tals													
		Minor Po; Py in blebs, odd cube and dissemin. Py is often "vuggy"			2%										
		Checksample:	33 - 35; section contains odd speck of Pb and small grey quartzveinlets.												
			several large (½-1 cm) Py x-tals			A4121						tr →			
53.0	76.0	Medium to finegrained granodiorite with plenty													
		white quartzveins ranging from 1" to 2.7 feet. Some													
		cubic and blebby Py plus disseminations; minor													
		Po concentrated in various intervals over 2-3". Tour-													
		maline is present as are the grey quartzveinlets.													
		checksamples:	63.0 - 65.0 tourmal.+one 2"whiteqv		2%	A4122							tr		
		--	73.0 - 75.0; blebby & cubic Py		3%	A4123	NO white q.v's						tr		
76.0	98.1	Var.granodiorite: with abund. white quartzveins -													
		width: ½" to 5"; cubic py and disseminations; odd Po, minor tourmaline; overall min:less than 2%													

NORONTEX EXPLORATION LTD.
DRYDEN - Ontario. ph: 807-937-5085

DIP TESTS ON PAGE .....

EXPLORATION LOG SHEET

PROPERTY _____ CLAIM NO. _____ BEARING _____ LAT: _____ LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: HOLE NO. TB85-6

DAY STARTED _____ DAY COMPL. _____ J.V. NO. _____ ANGLE _____ DEP: _____ TOTAL DEPTH _____

LOGGED BY _____ GRID NO. _____ NTS _____ ELEV: _____ PAGE NO. 3

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	%	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg
contin'd	98.1	checksamples:	78.0 - 80.0 two one inch q.v's, cubic and vuggy Py			A4124							tace		
			86.0 - 88.0 brecciated 5' at start; 2 white 2" q.v's, minor tourmaline			A 4125							tace		
98.1	103.0	Extremely fine grained granodiorite; texture is almost like rhyolite; minor 1" q.v's; odd Py in dissemin. contains some grey quartzveinlets.													
103.0	± 169	Finegrained quartzdiorite - granodiorite; minor ½" white q.v's; odd grey q.veinlets; Py is less than 1% in scattered disseminations. This section may contain small assimilated greenstone intervals. Increase in quartzmaterial - 148' over 5". Past 148 few 1 - 3" sections where Py is concentrated up to 2%													
± 169	218.0	Variable metavolcanics - some tuffs; first 4 - 5' may be transitional from the granodiorite. Odd quartzcarb veins and veinlets. Corean gles from 2° - 8°; odd scattered specks and bleb of Py													
			END OF HOLE.												

DIP TESTS ON PAGE ...N°.1.....

NORONTEX EXPLORATION LTD.
DRYDEN - Ontario. ph: 807-937-5085

EXPLORATION LOG SHEET

PROPERTY TARBUSH - Eaglelund portion | CLAIM NO. 850188 | BEARING 142°mag | LAT: see | LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: 125' north &775' west of N°1 850188 | HOLE NO. TB 85-7

DAY STARTED Nov10/1985 DAY COMPL. Nov. 14 '85 | J.V. NO. n.a. | ANGLE 65° | DEP: summary | TOTAL DEPTH 368'

LOGGED BY J.Langelaar | GRID NO. n.a | NTS 52F16 | ELEV: - | PAGE NO. 1

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	MINERALIZATION %	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg
		DIPTEST AT 328' - measured angle @ 59°													
			corrected angle @ 52°												
		SUMMARY:													
		250.3 - 257.6	Questionable -transitional - granodiorite; rest of hole var. metavolcanics - pred. tuffs												
0	3.0	Badly broken core - regolith; var. tuffs.													
3.0	109.6	Variable metavolcanics; predominantly tuffaceous with minor interbedded sediments and flow material. Carb.veining present; odd speck of Py. Coreangles at 27' & 40°													
		Broken core at 43' over 3" (maybe minor shear). Minor chlorite seamlets.													
109.6	114.4	Tuff - sedim. interval, carb veinlets, odd disseminations of Py; coreangles @ 39°													
114.4	147.9	Predom. tuffaceous units; carb.veinlets present.													
		Badly broken core at 137' over 6" (minor shear??)													
		Generally distinctive coreangles. Py less than			1%										
147.9	149.2	Sed.-tuffac. interval, light grey, odd Py													
149.2	± 211.6	Var. metavolcanics; predom. tuffaceous X-tal tuff, odd lapilli.													

NORONTEX EXPLORATION LTD.
DRYDEN - Ontario. ph: 807-937-5085

DIP TESTS ON PAGE .....

EXPLORATION LOG SHEET

PROPERTY _____ CLAIM NO. _____ BEARING _____ LAT: _____ LOCATION OF D. DRILL HOLE IN RELATION TO NEAREST CLAIM POST: HOLE NO. TB 85-7

DAY STARTED _____ DAY COMPL. _____ J.V. NO. _____ ANGLE _____ DEP: _____ TOTAL DEPTH _____

LOGGED BY _____ GRID NO. _____ NTS _____ ELEV: _____ PAGE NO. 2

FOOTAGE From	FOOTAGE To	Rock Classification	Other Features - Veins, Fractures, Foliation, etc.	MINERALIZATION Type	%	ASSAY DATA Sample	Width	% Ni	% Cu	% Zn	% Fe	% Pb	oz/ton Au	oz/ton Ag	Avg.
±211.6	246.3	Predom.(light grey) dacitic tuffs; contains minor													
		intervals of more basic (light green) tuffs. Carb.veining													
		and scattered Py - odd cube and dissemin.													
		(The light grey "dacitic tuffs" may also be the contact-metamorphic equivalent													
		of the more basic tuffs as a result of the proximity of the													
		granodiorite in this area- some of the material resembles the transitional material													
		encountered in previous drill holes near the contact with the granodiorite.													
246.3	250.3	Var. meatvolcs.tuffs - most ash,some lapilli.													
250.3	257.6	Questionable, transitional (light grey) variable													
		granodiorite with odd ½" quartzvein; odd speck of Cp and Py													
		Checksample: 255.6 - 257.6				A4126									
250.3	368.0	Basic metavolcs - medium to dark green; grosom. tuffs.													
		some flow material; odd 2 - 3" patch and veins of carb.													
			END OF HOLE.												

020

REPORT ON MINING CLAIMS

OF

TARBUSH LODE MINING LIMITED

TOWNSHIPS OF ECHO, McAREE AND PICKEREL

DISTRICT OF KENORA

PATRICIA MINING DIVISION

ONTARIO CANADA

BY

CANA EXPLORATION CONSULTANTS LIMITED

S. S. SZETU, Ph.D., P.Eng.

AUGUST 20, 1985

TABLE OF CONTENTS

900

May 9, 1986

Your File: 85-207
Our File: 2.8713

Mining Recorder
Ministry of Northern Development and Mines
P.O. Box 309
Sioux Lookout, Ontario
P0V 2T0

Dear Sir:

RE: Data for Assaying & Geological Evaluation submitted on Mining Claims PA 487099, et al, in the Area of Kabik Lake and Townships of Pickerel and Echo

---

The above-mentioned submission has been reassessed. The total amount of assessment credits as recorded on November 25, 1985 have been approved. This is due to clarification and further information provided by the consultant who performed the survey. Technical work credits are as per attached statements.

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

Yours sincerely,

J.C. Smith, Supervisor
Mining Lands Section

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

Telephone: (416) 965-4888

DK/mc
cc: Tarbush Lode Mining Limited
4000 Yonge Street
Apartment 411
Toronto, Ontario
M4M 2M9

Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

J. Langelaar
3 Bedworth Road
R.R.#1
Box 7
Site 11
Dryden, Ontario
P8N 2Y4

Resident Geologist
Sioux Lookout, Ontario

Attached

CANA EXPLORATION CONSULTANTS LIMITED
SUITE 1101, 45 Richmond Street West
TORONTO, ONTARIO, CANADA M5H 1Z2

S. S. SZETU, Ph.D., P.Eng.,
CONSULTING GEOLOGIST

TELEPHONE
(416) 364-2845

August 20, 1985

The President and Directors
Tarbush Lode Mining Limited
2 Robert Speck Parkway
Suite 1250
L4Z 1H8

Re: Consent as to Report on Mining Claims of Tarbush Lode Mining Limited. Dated August 20, 1985

Gentlemen:

Pursuant to the regulations of the pertinent Government Securities Control Statutes, I hereby consent to as follows:-

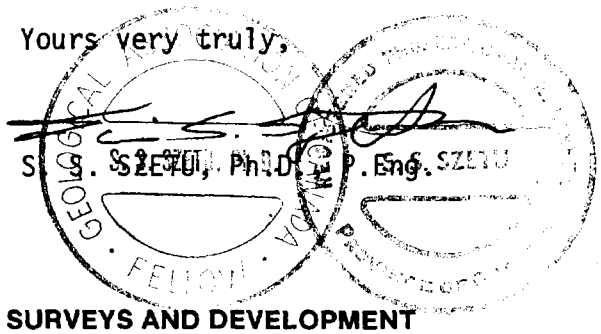
1. To the reference to my name in a Prospectus and/or Amendment to Prospectus, which may be filed and published by Tarbush Lode Mining, as the author of the attached "Report on Mining Claims of Tarbush Lode Mining Limited, Townships of Echo, McAree and Pickerel, District of Kenora, Patricia Mining Division, Ontario, Canada", dated August 20, 1985.

2. To the inclusion in their entirety of the said Report and/or Summary thereof (page (a) of the preface) in the said Prospectus and/or Amendment to Prospectus.

3. To the placing on file by Tarbush Lode Mining Limited of the said Report and the said Summary, for the examination of any person or persons whishing to read said Report and/or the said Summary.

Please take notice that this letter is attached to the said Report and the said Summary and that no part of the said Report and/or said Summary, which is out of context with the said Report and/or said Summary, may be used or reproduced for any purpose whatsoever without the prior written permission of the undersigned.

Yours very truly,



U.L.S.

S. S. SZETU, Ph.D., P.Eng.

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File: 2.8713

Date: 1986 02 25

Mining Recorder's Report of Work No.: 85-207

Recorded Holder: TARBUSH LODE MINING LIMITED

Township or Area: ECHO AND PICKEREL TOWNSHIPS AND KABIK LAKE

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	$1017.00 SPENT ON ASSAYING SAMPLES TAKEN FROM MINING CLAIMS:
Magnetometer _____ days	PA 519516
Radiometric _____ days	850188
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological _____ days	
Geochemical _____ days	
Man days ☐ Airborne ☐	67.8 DAYS CREDIT ALLOWED WHICH MAY BE GROUPED IN ACCORDANCE WITH SECTION 76(6) OF THE MINING ACT R.S.O. 1980.
Special provision ☐ Ground ☐	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

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

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File: 2.8713

Date: 1986 02 25

Mining Recorder's Report of Work No.: 85-207

Recorded Holder: TARBUSH LODE MINING LIMITED

Township or Area: ECHO AND PICKEREL TOWNSHIPS AND KABIK LAKE AREA

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days ☐ Airborne ☐ Special provision ☐ Ground ☐ ☐ Credits have been reduced because of partial coverage of claims. ☐ Credits have been reduced because of corrections to work dates and figures of applicant.	$4500.00 SPENT ON A CONSULTANTS REPORT COVERING MINING CLAIMS: PA 519499 to 520 inclusive 487099 to 121 inclusive 570721 to 729 inclusive 570894-95 612023 to 026 inclusive 704657 850142 to 146 inclusive 850185 to 189 inclusive 300 DAYS CREDIT ALLOWED WHICH MAY BE GROUPED IN ACCORDANCE WITH SECTION 76(6) OF THE MINING ACT R.S.O. 1980.

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

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

...credits if necessary in order that the total number of approved assessment days recorded on each claim does not

Ministry of Natural Resources
Ontario

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

#85-207

The Mining Act

Instructions: – Please type or print.
– If number of mining claims traversed exceed space on this form, attach a list.
Note: – Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
Do not use shaded areas below.

R. Pichette

ECHO Twp M-2236

Type of Survey(s)	Township or Area
Evaluation report/assaydet./supervision stripping	KABIK LAKE ✓ PICKEREL TOWNSHIP 6-2079

Claim Holder(s)	Prospector's Licence No.
TARBUSH LODE MINING LIMITED	T-969

Address	
4000 Yonge Street - Apartm. 401 Toronto - Ontario	

Survey Company	Date of Survey (from & to)		Total Miles of line Cut
Norontex Exploration Ltd	Day Mo. Yr. Oct. 1985	Day Mo. Yr. Nov. 1985	n.a.

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

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- 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.		Days per Claim
	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
PA	487099	24.69
	487100	"
	487101	"
	487102	"
	487103	"
	487104	"
	487105	"
	487106	"
	487107	"
	487108	"
	487109	"
	487110	"
	487111	"
	487112	"
	487113	"
	487114	"
	487115	"
	487116	"

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
PA	487117	24.69
	487118	"
	487119	"
	487120	"
	487121	"

PATRICIA MINING DIV.
RECEIVED
RECORDED
NOV 25 1985
A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

Expenditures (excludes power stripping)

Type of Work Performed
stripping sup./assaying/evaluation

Performed on Claim(s)
850188 & 850179

SECTION 77-19

Calculation of Expenditure Days Credits

Total Expenditures			=	Total Days Credits
$ 8517.00	÷	15	=	567.8

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.

Days 100 = Pa. 487099

Total number of mining claims covered by this report of work: 23

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
567.8	Nov. 25, 1985	
	Date Approved as Recorded	Branch Director

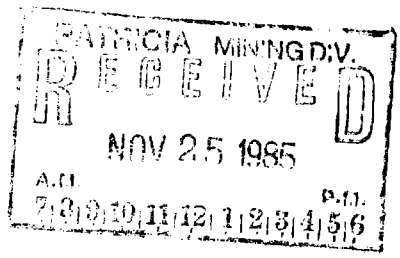
Date	Recorded Holder or Agent (Signature)
Nov. 23/1985	

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.

frontex exploration ltd.

TARBUSH LODE MINING LIMITED
Attn: Mr. P.S.Broadhurst, P.Eng.
4000 Yonge Street
Apartment 401
Toronto - Ontario
M4N 2N9



I N V O I C E

RE: POWERSTRIPPING FORMER EAGLELUND PROPERTY - Claim PA 850188

8 days supervision powerstripping, incl. geology, detailed magnetometer delineation, mapping & sampling @ $375.00 per day

..... $3000.00

November 12,1985 - less advance @ $2000.00

Balance due: $1000.00

Dryden, November 13,1985

J.Langelaar

Paid & received Nov. 22/1985

exploration and mining services
j. langelaar, r. van enk

3 bedworth rd, r.r. 1 site 11 box 7, dryden, ont. P8N 2Y4
phone (807) 937-5085 or (807) 937-6871

PAUL'S CUSTOM FIRE ASSAYING LTD.

Phone: Bus. (807) 662-8171
Res. (807) 662-3361

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario P0V 1L0

Norontex Expl. Ltd.

ASSAY CERTIFICATE

Date: Nov. 12-85

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	4118		Trace	
2	19		.24	
3	20		Trace	
4	21		"	
5	22		"	
6	23		"	
7	24		"	
8	25		"	
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

Assayer: Paul Okanski

PAUL'S CUSTOM FIRE ASSAYING LTD.

Phone: Bus. (807) 662-8171
Res. (807) 662-3361

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario P0V 1L0

Norontex Expl. Ltd.

ASSAY CERTIFICATE

Date: Oct. 15-85

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	3701	TB 85-1	.01	
2	02	"	Trace	
3	03	"	"	
4	04	"	"	
5	05	"	"	
6	06	"	"	
7	07	"	"	
8	08	"	"	
9	09	"	"	
10	10	"	"	
11	11	Surface samples Eagle Lund	.04	
12	12	"	Trace	
13	13	"	.01	
14	14	"	.02	
15	15	"	.02	
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

Assayer: Paul Okanski

PAUL'S CUSTOM FIRE ASSAYING LTD.

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario P0V 1L0

Phone: Bus. (807) 662-817
Res. (807) 662-336

Norontex Expl.

ASSAY CERTIFICATE

Date: Oct. 25-85

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	3716		Trace	✓
2	17		"	✓
3	18		"	✓
4	19		"	✓
5	20		"	✓
6	21		"	✓
7	22		"	✓
8	23		"	✓
9	24	TB85-2	"	✓
10	25		"	✓
11	26		"	✓
12	27		"	✓
13	28		"	✓
14	29		.01	✓
15	30		Trace	✓
16	31		"	✓
17	32		"	✓
18	33		"	✓
19	34		.01	✓
20	35		Trace	✓
21	36		"	✓
22	37	✓	"	
23	38	TB85-3 ✓	"	
24	39	✓	"	
25	40	✓	.01	

Assayer: Paul O Okanski

PAUL'S CUSTOM FIRE ASSAYING LTD.

Phone: Bus. (807) 662-817
Res. (807) 662-336

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario P0V 1L0

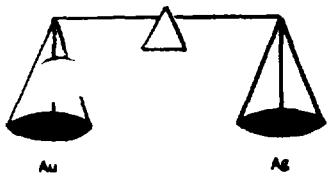
Norontex Expl.

ASSAY CERTIFICATE

Date: Oct. 25-85

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	3741		Trace	
2	42		.01	
3	43		Trace	
4	44		"	
5	45		"	
6	46		"	NIL
7	47		"	"
8	48	TB 85-3	"	"
9	49		"	
10	50		"	
11	51		"	
12	52		"	
13	53		"	
14	54		"	
15	55		"	
16	56		"	
17	57		"	
18				
19				
20				
21				
22				
23				
24				
25				

Assayer: Paul Okanski



PAUL'S CUSTOM FIRE ASSAYING LTD.

Phone: Bus. (807) 662-8171
Res. (807) 662-3361

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario P0V 1L0

Norantex Expl. Ltd.

ASSAY CERTIFICATE

Date: Oct. 30-85

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	A-3758		Trace	✓
2	59		.01	✓
3	60		Trace	✓
4	61	TB85-4	"	✓
5	62		"	✓
6	63		"	✓
7	64		"	✓
8	65		"	✓
9	66		"	✓
10	67		"	✓
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

Assayer: Paul Okanski

PAUL'S CUSTOM FIRE ASSAYING LTD.

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario P0V 1L0

Phone: Bus. (807) 662-8171
Res. (807) 662-3361

Norontex Expl. Ltd.

ASSAY CERTIFICATE

Date: Nov. 6-85

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	A-3793		Trace	
2	94		"	
3	95	all TB85-5	"	
4	96		"	
5	97		"	
6	98		"	
7	99		"	
8	3800		"	
9	4101		"	
10	02		"	
11	03		"	
12	04		"	
13	05		"	
14	06		"	
15	07-A		.32	
16	07-B		2.78	
17	08		Trace	
18	09		"	
19	10		"	
20	11		"	
21	12		"	
22	13		"	
23	14		"	
24	15		"	
25	16		"	
	17		Trace	

Assayer: Paul Okanski

PAUL'S CUSTOM FIRE ASSAYING LTD.

Phone: Bus. (807) 662-817
Res. (807) 662-336

PAUL OKANSKI, Assayer
Box 253, Cochenour, Ontario P0V 1L0

Norontex Expl. Ltd.

ASSAY CERTIFICATE

Date: Nov. 6-85

	Sample No.	Description	oz/ton Au	oz/ton Ag
1	A-3768		Trace	
2	69		"	
3	70		"	
4	71		"	
5	72		"	
6	73		"	
7	74		"	
8	75		"	
9	76		"	
10	77		"	
11	78	all T13 85-5	"	
12	79		"	
13	80		"	
14	81		"	
15	82		"	
16	83		"	
17	84		"	
18	85		"	
19	86		"	
20	87		"	
21	88		"	
22	89		"	
23	90		"	
24	91		"	
25	92		"	

Assayer: Paul Okanski

with the compliments of

norontex exploration ltd.

Assay eleteum.

#1017.00

3 bedworth rd, r.r. 1 site 11 box 7, dryden, ont. P8N 2Y4
phone (807) 937-5085 or (807) 937-6871

CUSTOM FIRE ASSAYING LTD.
BOX 253
OCHENOUR, ONTARIO P0V 1L0

DATE NOV 12 85

NAME NORATEX EXPL. LTD

ADDRESS

SOLD BY	C.O.D.	CHARGE	ON ACCT.	ACCT. FWD.

1	8 SAMPLES @ 8.00	64	00
2			
3			
4			
5			
6			
7			
8	a/p/m.		
9			
10			
11			
12	TAX		
9	SIGNATURE		

38CA-2

Nov. 13/1985.

PATRICIA MINING DIV.
RECEIVED
NOV 25 1985
A.M. 7 8 9 10 11 12 P.M. 1 2 3 4 5 6

TOM FIRE ASSAYING LTD.
BOX 253
COCHENOUR, ONTARIO P0V 1L0

DATE Nov 6 19 85

NAME N/C Rod TEX EXPL. LTD

ADDRESS

SOLD BY	C.O.D.	CHARGE	ON ACCT.	ACCT. FWD.

1	51 SAMP Accepted	4080	00
2			
3			
4			
5			
6	a/p/m.		
7			
8			
9			
10			
11	Nov 7, 1985		
12	TAX		
5	SIGNATURE		

38CA-2

OM FIRE ASSAYING LTD.

Phone: Bus. (807) 662-817
Res. (807) 662-336

AUL OKANSKI, Assayer
Cochenour, Ontario P0V 1L0

SSAY CERTIFICATE

Date: Nov. 6-85

	on	oz/ton Au	oz/ton Ag
		Trace	
		"	
		"	
		"	
		"	
		"	
		"	
		"	
		"	
		"	
	85-5	"	
12	79	"	
13	80	"	
14	81	"	
15	82	"	
16	83	"	
17	84	"	
18	85	"	
19	86	"	
20	87	"	
21	88	"	
22	89	"	
23	90	"	
24	91	"	
25	92	"	

Assayer: Paul Okanski

CUSTOM FIRE ASSAYING LTD.
BOX 253
COCHENOUR, ONTARIO P0V 1L0

DATE OCT. 25 1985

NAME NORDTEX EXPL. LTD

ADDRESS

SOLD BY	C.O.D.	CHARGE	ON ACCT.	ACCT. FWD.

1	39 SAMPLES @ $8.00	312	00
2	3 SAMPLES Ag @ $11.00	33	00
3		345	00
4			
5			
6			
7	A/C. for payment		
8			
9			
10		Oct 30/1985	
11			
12	TAX		
39	SIGNATURE		

38CA-2

CUSTOM FIRE ASSAYING LTD.
BOX 253
COCHENOUR, ONTARIO P0V 1L0

DATE OCT. 30 19 85

NAME NORONTEX EXPL LTD

ADDRESS

SOLD BY	C.O.D.	CHARGE	ON ACCT.	ACCT. FWD.

1	10 SAMPLES @	80	00
2			
3			
4			
5			
6			
7			
8			
9			
10			
11	Oct 31/1985		
12	TAX		
43	SIGNATURE		

38CA-2

STATEMENT

ED FONTAINE
DIAMOND DRILLING
Box 4, R.R. 1
KENORA, ONT.

(807) 548-4032

DATE oct Oct 22-85
NUMBER

Tairbush mining Ltd.
Toronto ont.

TERMS:

PLEASE DETACH AND RETURN WITH YOUR REMITTANCE

$ _____

DATE	CHARGES AND CREDITS	BALANCE
	BALANCE FORWARD	
	Hole No 1. 469 ft At $15.00 Per ft	$7,035.00
	advance payment on Hole no 1.	$4,000.00
	Balance on no 1 Hole	$3035.00
	Hole No 2. 218 ft. At $15.00 Per ft.	$3,270.00
	Hole No 3. 339 ft. @ $15.00 Per ft	$5,085.00
	for one Move	$1,000.00
	Casing in Hole no 3, 4 Casing $ 14 ft Stay in Hole.	298.00
	for a 10000 ft (Core Box)	$200.00
	TOTAL	$2,888.00

Thank You

PAY LAST AMOUNT IN THIS COLUMN

ED FONTAINE
DIAMOND DRILLING

A/c Moved Oct 22/1985

CUSTOM FIRE ASSAYING LTD.
BOX 253
COCHENOUR, ONTARIO P0V 1L0

DATE Oct 15 1985
NAME Nordic Tex Expl. Ltd
ADDRESS

SOLD BY	C.O.D.	CHARGE	ON ACCT.	ACCT. FWD.

1	15 Samples @ 8.00	120	00
2			
3			
4			
5			
6	Approved for		
7			
8	payment		
9			
10	Oct 22/1985		
11			
12	TAX		
18	SIGNATURE		

38CA-2

Shipped to Phil for payment.
Oct 23

CANA EXPLORATION CONSULTANTS LIMITED
SUITE 1101, 45 Richmond Street West
TORONTO, ONTARIO, CANADA M5H 1Z2

S. S. SZETU, Ph.D., P.Eng.,
CONSULTING GEOLOGIST

TELEPHONE
(416) 364-2845

Tarbush Lode Mining Limited,
2 Robert Speck Parkway,
Suite 1250,
Mississauga, Ontario.
L4Z 1H8

Invoice #686
Dated Sept. 30, 1985

TO:

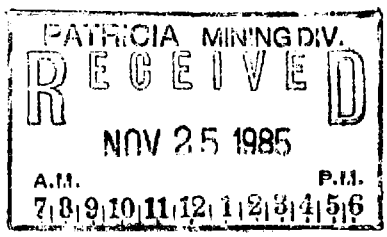
Preparation of evaluation report dated Aug. 20, 1985, complete with 5 maps.

All inclusive. $4, 500. 00

Advance received:
July 26, '85. . $1, 000. 00
Aug. 27, '85. . 1, 000. 00
$2000. 00

Balance due. $2, 500. 00

Received in full.
Nov. 19, 1985
S. S. Szetu



Ministry of Natural Resources
Ontario

Report of Work

#85-209

The Mining Act

Instructions – Supply required data on a separate form for each type of work to be recorded (see table below).
– For Geo-technical work use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical and Expenditures)".

Name and Postal Address of Recorded Holder	Prospector's Licence No.
TARBUSH LODE MINING LIMITED 4000 Yonge Street - Apartm. 411 Toronto - Ont.	T969

ECHO TWP M2236
KABIK & PIKEREL TWP G2079

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed: 360

for Performance of the following work. (Check one only)

- ☐ Manual Work
- ☐ Shaft Sinking Drifting or other Lateral Work.
- ☐ Compressed Air, other Power driven or mechanical equip.
- ☒ Power Stripping
- ☐ Diamond or other Core drilling
- ☐ Land Survey

Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
PA	487099	15 60	PA	487107	15 60	PA	487115	15 60
	487100	"		487108	"		487116	"
	487101	"		487109	"		487117	"
	487102	"		487110	"		487118	"
	487103	"		487111	"		487119	"
	487104	"		487112	"		487120	"
	487105	"		487113	"		487121	"
	487106	"		487114	"			

RECEIVED
DEC 2 2 1985
MINING LANDS SECTION

All the work was performed on Mining Claim(s): Pa. ~~850188~~ 850186

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Powerstripping Oct 4 - Oct 17,1985 incl. $3600.00
Cat D6C;
W.Perron, Sioux Lookout ph: 807-737-2000 (invoice encl)

Diamond drilling (AQ core size)
E.Fontaine, Kenora
hole TB85-1 @ 469'
Hole TB85-5 @ 176'
total 645 feet

PATRICIA MINING DIV.
RECEIVED
Recorded
NOV 25 1985
A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

TOTAL DAYS:
1) 3600/10 = 360 days
2) drilling 645 days
1005 days

Pa. 487099

Date of Report	Recorded Holder or Agent (Signature)
Nov. 23,1984	

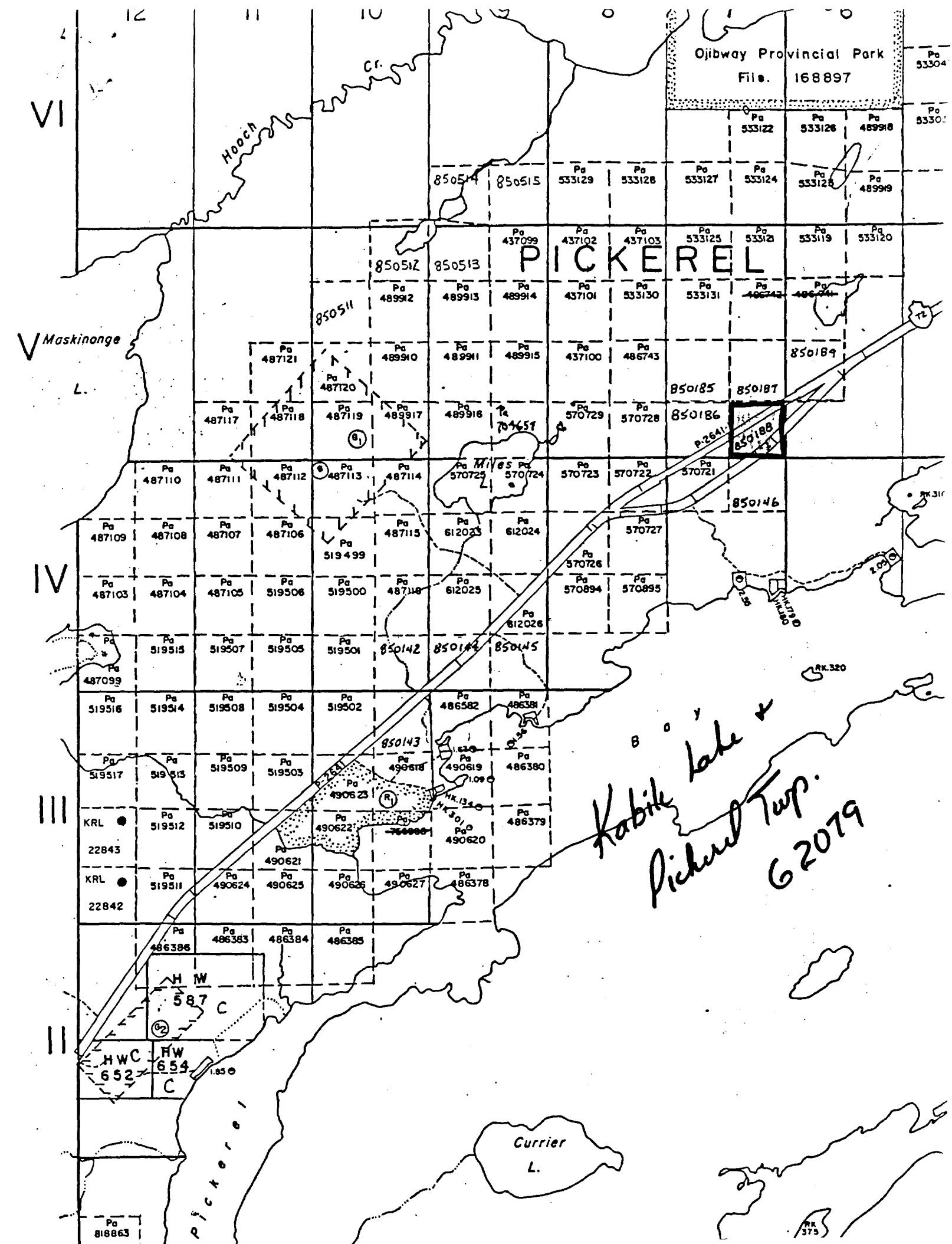
Certification Verifying Report of Work

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	Date Certified	Certified by (Signature)
J.Langelaar, Norontex Exploration Ltd R.R.#1,box 7 site 11 Dryden, Ontario P8N 2Y4	Nov 23,1985	

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment		
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping	


Ojibway Provincial Park
File. 168897
PICKEREL
Hooch Cr.
Maskinonge L.
Miles
Kabike Lake
Pickerel Twp.
6 2079
Currier L.
Pickerel
Bay
P.264
HWC 652
HW 654 C
HW 587 C
KRL 22843
KRL 22842
850514
850515
850512
850513
850511
850189
850185
850187
850186
850188
850146
850142
850144
850145
850143
RK.320
RK.375

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

(1) Sec 43 S R O Res Mar 6/70 File: 163474
(2) Sec. 43 S R O Res May 10/71 "
(3) M T C Pit 1187
Cancelled Mar. 13, 1984
(4) M T C Pit 1186
Gravel Pit see MTC file
(5) Gravel File: 125112
(6) Sec 43 S R O Res 16/1/74, Order No. W 1/74, Title: 125106
(7) M.N.R Gravel Pit 134 File: 132273

June 6, 1984
Feb. 25, 1985
July 30/85 (Rein.)
Sept 3/85

LOMOND Tp. M. 2251

WEBB Tp. M. 1874

KABIK LAKE E G-2619
PICKEREL Tp. M. 2238

McAREE Tp. M. 2254

Wilderness Area Withdrawn from Staking

Hooch L

Lateral L.

Maskinonge L

Kathlyn L

Kathlyn Cr.

Crossecho L

Francisco L

LEGEND

- HIGHWAY AND ROUTE No
- OTHER ROADS
- TRAILS
- SURVEYED LINES: TOWNSHIPS, BASE LINES, ETC.; LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES: LOT LINES; PARCEL BOUNDARY; MINING CLAIMS, ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
CROWN LAND SALE	CS
ORDER-IN-COUNCIL	OC
RESERVATION	R
CANCELLED	X
SAND & GRAVEL	G

SCALE: 1 INCH = 40 CHAINS
FEET 0 500 1000 2000 3000 4000 5000
METRES 0 200 400 600 800 1KM

ACRES	HECTARES
40	16

TOWNSHIP

ECHO

DISTRICT
KENORA

MINING DIVISION
PATRICIA

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

DATE Jan '73
WHITNEY BLOCK
QUEEN'S PARK, TORONTO

PLAN No
M.2236

52F16NW0019 2.8713 ECHO

NOTES

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

- Sec 43 S R O Res Mar 6/70 File: 163474
- Sec 43 S R O Res May 10/71 "
- M T C Pit 1187
  Cancelled Mar 13, 1984
- ~~M T C Pit 1186~~
  Gravel Pit see MTC file
- Gravel File: 125112
- Sec 43 S R O Res 16/1/74, Order No. W1/74, File: 125106
- M.N.R Gravel Pit 134 File: 132273

June 6, 1984
Feb. 25, 1986

JULY 30/85 (Rein.)
SEPT 3/85

May 10/86
May 11/86

LOMOND Tp. M. 2251

WEBB Tp. M. 1874

KABIK LAKE & PICKEREL Tp. M. 2258

McAREE Tp. M. 2254

Lateral L.
Hooch L
Moxinonge L
Kathlyn L
Kathlyn Cr.
Crossecho L
Franciscan L
Wilderness Area Withdrawn from Staking

VI
V
IV
III
II
I

12 11 10 9 8 7 6 5 4 3 2 1

LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
  - TOWNSHIPS, BASE LINES, ETC.
  - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIM
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	◒
" MINING RIGHTS ONLY	◒
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	◨
" MINING RIGHTS ONLY	◨
LICENCE OF OCCUPATION	▼
CROWN LAND SALE	CS
ORDER-IN-COUNCIL	OC
RESERVATION	®
CANCELLED	⊗
SAND & GRAVEL	⊙

PATRICIA MINING DIV.
RECEIVED
MAR 20 1986
A.M. P.M.
7 8 9 10 11 12 1 2 3 4 5 6

SCALE: 1 INCH = 40 CHAINS
FEET 0 500 1000 2000 3000 4000 5000
METRES 0 200 400 600 800 1KM 2KM

ACRES	HECTARES
40	16

TOWNSHIP

ECHO

DISTRICT
KENORA

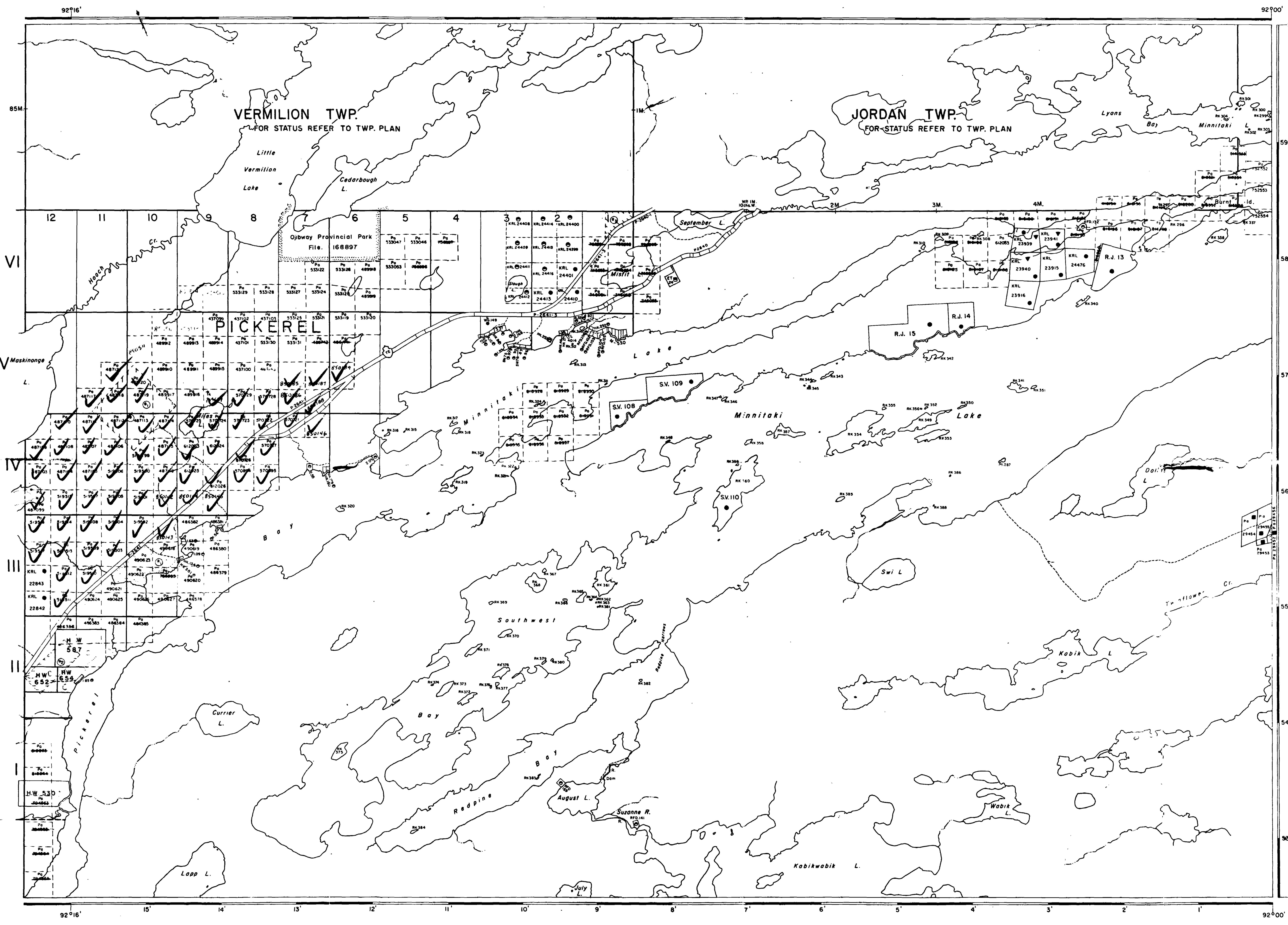
MINING DIVISION
PATRICIA

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

DATE Jan '73
WHITNEY BLOCK
QUEEN'S PARK, TORONTO

PLAN No
M. 2236

52F16NW0019 2.8713 ECHO



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
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.

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

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

Description	Order No.	Date	Disposition	File
R1		9 APR 1972		

SAND AND GRAVEL

QUARRY PERMIT

PATRICIA MINING DIV. RECEIVED MAR 20 1986

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 (1 KM) 2000 (2 KM)

AREA KABIK LAKE AND PICKEREL TWP.

M.N.R. ADMINISTRATIVE DISTRICT
SIOUX LOOKOUT

MINING DIVISION
PATRICIA

LAND TITLES / REGISTRY DIVISION
KENORA (PATRICIA PORTION)

Ontario — Ministry of Natural Resources — Land Management Branch

Date FEBRUARY, 1984.

Number G-207

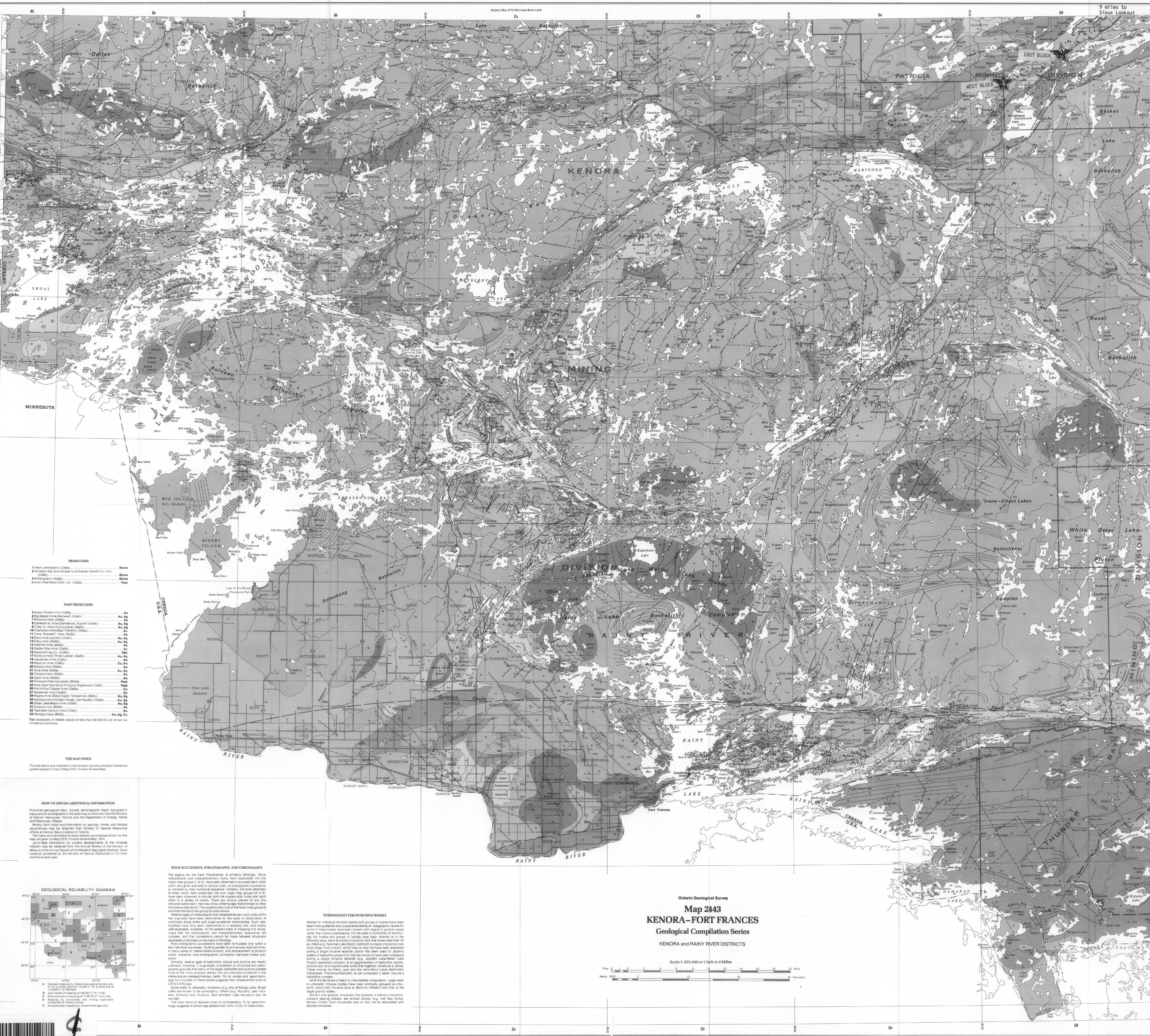
Ministry of Natural Resources
Ontario

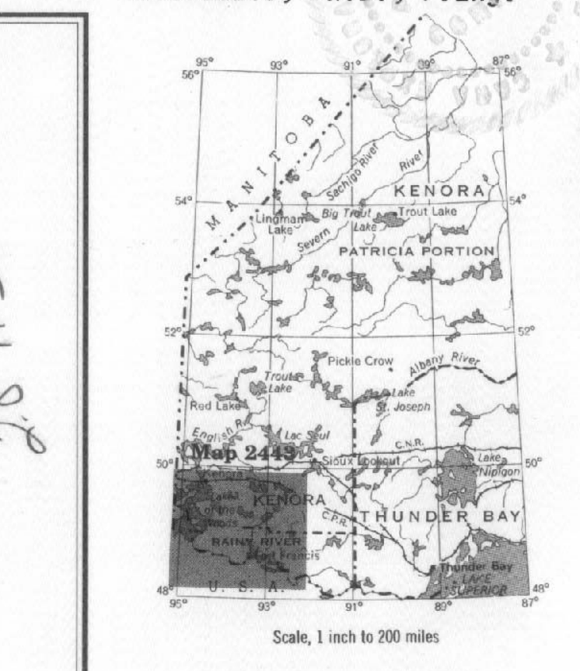
MARKED UP TO SHOW
LOCATION OF PROPERTIES
TARBUSH LODE MINING LTD.

August 9, 1985

S.S.SZETU, Ph.D., P.Eng.

Ontario Geological Survey
Map 2443
Kenora–Fort Frances
Geological Compilation Series





Scale, 1 inch to 200 miles

N.T.S. reference: 52C, 52D, 52E, 52F

LEGEND

PHANEROZOIC

CENOZOIC

QUATERNARY

PLEISTOCENE AND RECENT

Sand, gravel, clay.

UNCONFORMITY

PRECAMBRIAN

MIDDLE TO LATE PRECAMBRIAN

MAFIC INTRUSIVE ROCKS

10 *Diabase dikes.*

INTRUSIVE CONTACTS

EARLY PRECAMBRIAN[a]

FELSIC AND INTERMEDIATE INTRUSIVE ROCKS

9 *Unsubdivided.*
9a *Massive to foliated, equigranular and porphyritic, quartz monzonite, granodiorite, trondhjemite, quartz diorite, and granite.*
9b *Gneissic to foliated trondhjemite, quartz monzonite, granodiorite, quartz diorite.*
9c *Quartz and feldspar porphyries.*

8 *Unsubdivided equigranular and porphyritic monzonite, syenodiorite, syenite, diorite and quartz diorite.*
8a *Monzonite, syenodiorite, syenite.*
8b *Diorite, quartz diorite.*

METAMORPHOSED MAFIC AND ULTRAMAFIC INTRUSIVE ROCKS

7 *Unsubdivided mafic intrusive rocks.*
7a *Gabbro, norite, diorite.*
7b *Anorthosite, anorthositic gabbro.*

6 *Peridotite, pyroxenite.*

INTRUSIVE CONTACTS[b]

METASEDIMENTS

CHEMICAL METASEDIMENTS

5 *Unsubdivided ironstone.*
5a *Magnetite ironstone.*
5b *Pyrite ironstone.*
5c *Chert.*

CLASTIC METASEDIMENTS

4 *Unsubdivided.*
4a *Pebble and boulder conglomerate.*
4b *Sandstone, siltstone, argillite, and derived schists.*
4c *Migmatite, metatexite.*

METAVOLCANICS

ALKALIC MAFIC METAVOLCANICS

3 *Unsubdivided.*
3a *Flows*[c]

FELSIC TO INTERMEDIATE METAVOLCANICS

2 *Unsubdivided.*
2a *Flows*[d]
2b *Tuff, agglomerate, and breccia*[e]
2c *Migmatite.*

MAFIC METAVOLCANICS

1 *Unsubdivided.*
1a *Massive and pillowed flows.*
1b *Tuff, agglomerate, and breccia.*
1c *Amphibolite, amphibolite gneiss, and migmatite.*

[a] *Rocks are subdivided lithologically; order does not necessarily imply age relationships within or among groups.*

[b] *Indicates general intrusive nature of groups 6 to 9.*

[c] *Predominantly trachybasaltic.*

[d] *Predominantly rhyolitic to dacitic.*

[e] *Predominantly dacitic to andesitic.*

The letter "G" preceding a rock unit number, for example "G9" indicates interpretation from geophysical data in drift covered or unmapped areas.

SYMBOLS

Geological boundary, position interpreted.
Fault.
Lineament.
Anticlinal axis, with plunge.
Synclinal axis, with plunge.
Antiformal axis, with plunge.
Synformal axis, with plunge.
Foliation trend lines.
1192′± *Altitude in feet above mean sea level.*
Railway, with station or flagstop.
17 *Provincial highway.*
Motor road.
Other road.
Aircraft landing facilities.
Larger community.
Smaller community.
Producer.
Past producer.
Mineral occurence.
Regional Geologist's office; Regional Mining Recorder's office, Kenora.
KENORA *Mining Division with boundary.*
International boundary.
Interprovincial boundary.
District boundary.
Township boundary.
Township boundary, unsurveyed.
Surveyed line.

METAL AND MINERAL REFERENCE

Ag	*Silver*	**Mo**	*Molybdenum*
asb	*Asbestos*	**Ni**	*Nickel*
Au	*Gold*	**Pb**	*Lead*
be	*Beryl*	**Sb**	*Antimony*
Bi	*Bismuth*	**st**	*Stone*
Cb	*Columbium*	**ta**	*Tantalite*
Cs	*Cesium*	**talc**	*Talc, soapstone*
Cu	*Copper*	**Ti**	*Titanium*
Fe	*Iron*	**tour**	*Tourmaline*
fel	*Feldspar*	**U**	*Uranium*
fl	*Fluorite*	**V**	*Vanadium*
Li	*Lithium*	**W**	*Tungsten*
mi	*Mica*	**Zn**	*Zinc*

MAP COMPILATION SOURCES

Compilation by C.E. Blackburn, 1973-78.

Mineral occurrences compilation by R.C. Beard, Regional Geologist, and Scott Rivett, Resource Geologist, Kenora.

Geology from published and unpublished maps of the Ontario Geological Survey; Geological Survey of Canada; unpublished maps of mining companies; and from unpublished maps of research workers at McMaster University, University of Manitoba, and University of Toronto.

Cartography by D.G. James and assistants, Surveys and Mapping Branch, 1979.

Map base compiled from maps of the Forest Resources Inventory, Surveys and Mapping Branch, with additional information from the staff of the Ministry of Natural Resources.

PRODUCERS

1 Hawk Lake quarry *(Ca8a)*.......... **Stone**
2 Vermilion Bay Granite quarry (Universal Granite Co. Ltd.) *(Ca8a)*.......... **Stone**
3 White quarry *(Ab8a)*.......... **Stone**
4 Arctic Peat Moss Corp. Ltd. *(Ca9b)*.......... **Peat**

PAST PRODUCERS

5 Baden Powell mine *(Cb8b)*.......... **Au**
6 Big Master mine (Kenwest) *(Da8c)*.......... **Au, Ag**
7 Bonanza mine *(Da8b)*.......... **Au**
8 Cameron Is. mine (Damascus, Duport) *(Ab8b)*.......... **Au, Ag**
9 Cedar Is. mine (Cornucopia) *(Ba8b)*.......... **Au, Ag**
10 Champion mine (Bad, Franklin) *(Bb8a)*.......... **Au**
11 Cone, Russell C. mine *(Da9b)*.......... **Au**
12 Elora mine (Jubilee) *(Da8c)*.......... **Au, Ag**
13 Foley mine *(Da9b)*.......... **Au, Ag**
14 Gold Hill mine *(Bb8b)*.......... **Au**
15 Golden Star mine *(Da9b)*.......... **Au**
16 Grace Mining Co. *(Cb8b)*.......... **Talc**
17 Kenricia mine (Three Ladies) *(Ba8b)*.......... **Au, Ag**
18 Laurentian mine *(Da8c)*.......... **Au**
19 Maybrun mine *(Ca8c)*.......... **Cu, Au**
20 Mikado mine *(Ba8b)*.......... **Au**
21 Olive mine *(Da9a)*.......... **Au, Ag**
22 Olympia mine *(Ba8b)*.......... **Au**
23 Ophir mine *(Bb8b)*.......... **Au**
24 Pinewood Peat Industries *(Bb9a)*.......... **Peat**
25 Polar Bear Peat Moss Products Registered *(Ca9b)*.......... **Peat**
26 Port Arthur Copper mine *(Da9a)*.......... **Cu**
27 Redeemer mine *(Da8b)*.......... **Au**
28 Regina mine (Black Eagle, Horseshoe) *(Bb8c)*.......... **Au, Ag**
29 Sakoose mine (Golden Whale, Van Houten) *(Db8b)*.......... **Au, Ag**
30 Straw Lake Beach mine *(Cb8d)*.......... **Au, Ag**
31 Sultana mine *(Bb8b)*.......... **Au**
32 Twentieth Century mine *(Da8c)*.......... **Au**
33 Wendigo mine *(Bb8b)*.......... **Au, Ag, Cu**

Past producers of metals valued at less than $4,500.00 are shown as mineral occurrences.

THE MAP INDEX

The red letters and numbers in the borders provide a location reference system based on that of Map 2310, Ontario Mineral Map.

HOW TO OBTAIN ADDITIONAL INFORMATION

Published geological maps, reports, aeromagnetic maps, topographic maps and air photographs of the area may be obtained from the Ministry of Natural Resources, Toronto and the Department of Energy, Mines and Resources, Ottawa.

Mining claim maps and information on geology, mines, and mineral occurrences may be obtained from Ministry of Natural Resources offices at Kenora, Sioux Lookout or Toronto.

The name and ownership of many mineral occurrences shown on this map are given on Map 2310, Ontario Mineral Map, 1974.

Up-to-date information on current developments of the minerals industry may be obtained from the Annual Review of the Division of Mines and the Annual Report of the Resident Geologists (Kenora, Sioux Lookout) published by the Ministry of Natural Resources in the early months of each year.

GEOLOGICAL RELIABILITY DIAGRAM

A Detailed mapping by Ontario Geological Survey only. (1″ to ½ mile); some at 1:15,840 (1″ to ¼ mile) and at 1:12,000 (1″ to 1000 feet).
B Semi-detailed mapping at 1:63,360 (1″ to 1 mile).
C Reconnaissance mapping at 1:126,720 (1″ to 2 mile).
D Mapping by universities and mining exploration companies at various scales.
E No systematic mapping by Government agencies.

ROCK SUCCESSION, STRATIGRAPHY, AND CHRONOLOGY

The legend for the Early Precambrian is primarily lithologic. Since metavolcanic and metasedimentary rocks, here subdivided into five major map groups (1 to 5), have been observed to succeed each other within any given sub-area in various order, no stratigraphic succession is intended by their numerical sequence. Similarly, intrusive ultramafic to felsic rocks, here subdivided into four major map groups (6 to 9), have been observed to intrude both the supracrustal rocks and each other in a variety of orders. There are various phases of any one intrusive subdivision, that may show differing age relationships to other intrusive subdivisions. This is particularly true of the felsic (map group 9) and intermediate (map group 8) subdivisions.

Relative ages of metavolcanic and metasedimentary rock units within the map-area have been determined on the basis of observation of continuity along strike and super-positional relationships. Such relationships have only been determined in a relatively few, and mostly well-separated, localities. At the present state of mapping it is recognized that the metavolcanic and metasedimentary sequences are complex, and that correlations cannot be made between physically separated units solely on the basis of lithology.

Rock-stratigraphic successions have been formulated only within a few individual sub-areas. Faulting parallel to and across regional strike, in many cases of indeterminate amount, and emplacement of plutonic rocks, prevents rock-stratigraphic correlation between these sub-areas.

Similarly, relative ages of batholiths, stocks and plutons are mostly unknown. However, it is generally considered on structural and petrographic grounds that many of the larger batholiths and plutons predate most of the more potassic stocks that are internally emplaced in the metavolcanic-metasedimentary belts. Rb/Sr whole-rock geochronology for a number of these stocks suggests their emplacement prior to 2.6 to 2.5 By ago.

Some mafic to ultramafic intrusions (e.g. sills at Kakagi Lake, Boyer Lake) are known to be synvolcanic. Others (e.g. Mulcahy Lake Intrusion, Entwine Lake Intrusion, Bad Vermilion Lake Intrusion) may be younger.

The main trend of diabase dikes is northwesterly. K/Ar geochronology suggests minimum age spread from 1.9 to 1.5 By for these dikes.

TERMINOLOGY FOR INTRUSIVE BODIES

Names for individual intrusive bodies and groups of bodies have been taken from published and unpublished literature. Geographic names for some of these bodies have been chosen with regard to general usage rather than historic precedence. For the sake of conformity of terminology the bodies and groups of bodies have been referred to in the following ways: *stock* is a body of plutonic rock that covers less than 40 sq. miles (e.g. Ryckman Lake Stock); *batholith* is a body of plutonic rock much larger than a stock, which may or may not have been emplaced during a single intrusive episode; *pluton* has been used for plutonic bodies of batholithic proportion that are known to have been emplaced during a single intrusive episode (e.g. Jackfish Lake-Weller Lake Pluton); *batholithic complex*, is an agglomeration of batholiths, stocks, plutons and relict supracrustal rocks that together constitute a whole. These include the Rainy Lake and the Irene-Eltrut Lakes Batholithic Complexes. The Atikwa Batholith, as yet unmapped in detail, may be a batholithic complex.

All of the above are of felsic to intermediate composition. Large mafic to ultramafic intrusive bodies have been arbitrarily grouped as *intrusions*, since their intrusive style is distinctly different from that of the larger granitic bodies.

Granitic and gneissic structures that possess a distinct concentric, outward dipping foliation are termed *domes* (e.g. Ash Bay Dome, Morson Dome). Such structures may or may not be associated with discrete intrusions.

Ontario Geological Survey

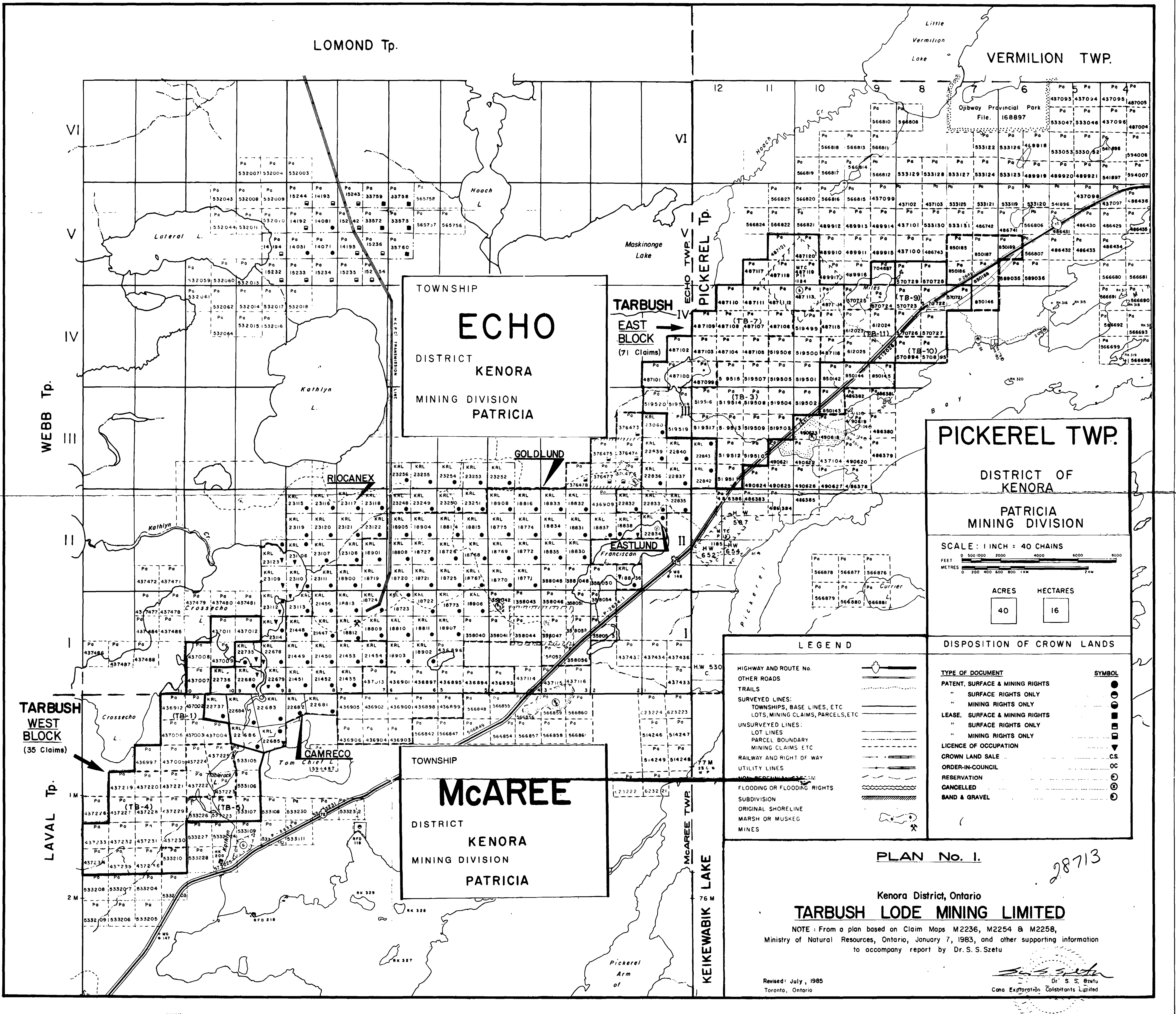
Map 2443
KENORA–FORT FRANCES
Geological Compilation Series

KENORA and RAINY RIVER DISTRICTS

Scale 1:253,440 or 1 Inch to 4 Miles

Miles 2 1 0 2 4 6 8 10 12 14 16 18 20 Miles
Metres 5000 0 10 20 30 Kilometres

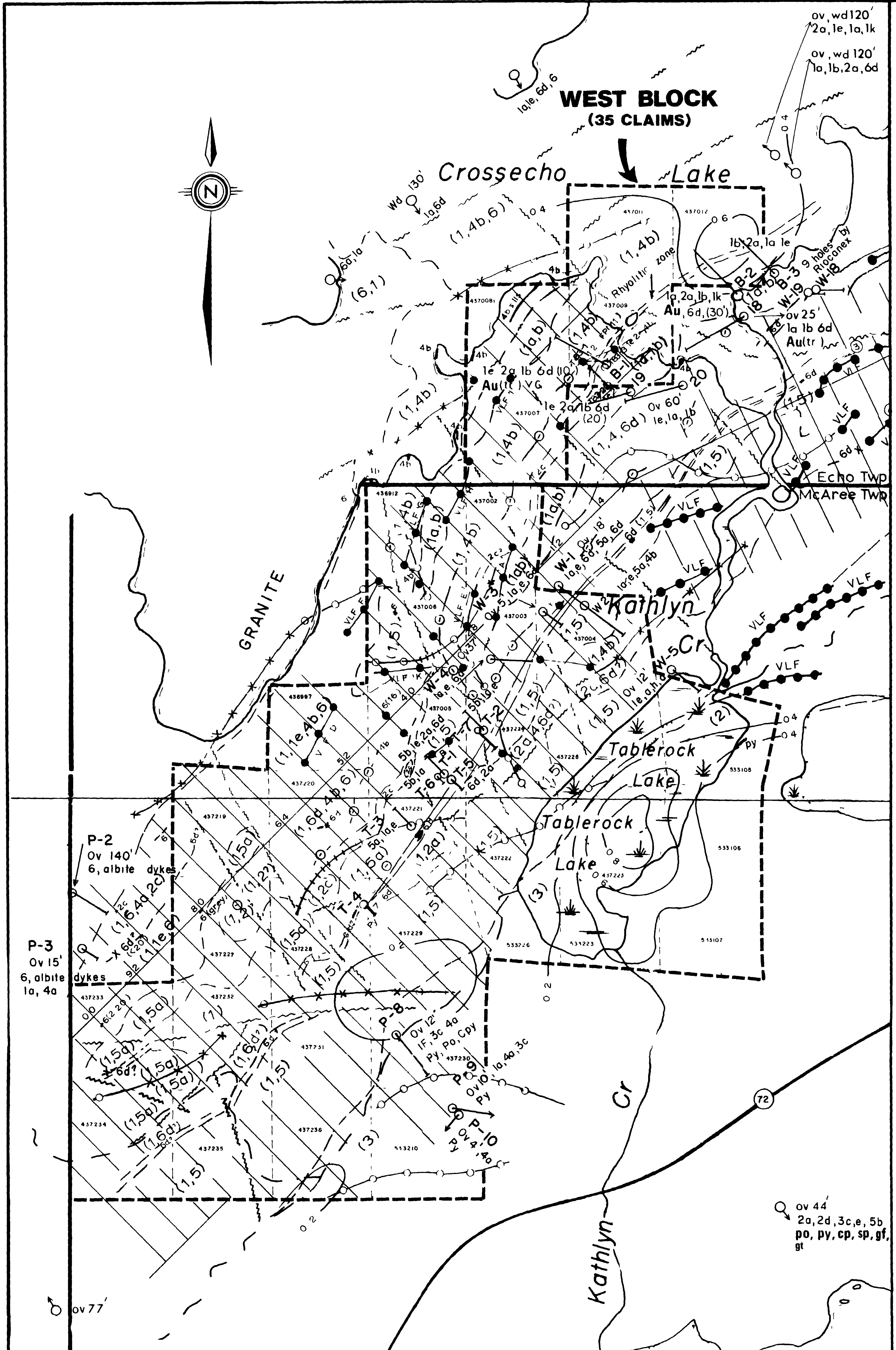
Lambert Conformal Projection, Standard Parallels 44°30′ and 53°30′



52F16NW0019 2.8713 ECHO

240


PLAN No 2
Data Compilation
The East and West Blocks of Properties
Pickerel, Echo and McAree Townships,
Kenora District, Ontario
TARBUSH LODE MINING LIMITED
NOTE A Compilation based on Preliminary Maps 2332, 2333, 2334, Kenora Data Series and P268, Ontario Geological Survey and O D M with changes and other information described in the accompanying report by Dr S S Szetu
MILE 1/4 0 1/4 1/2 MILE
KMS 100 0 0 2 0 4 0 6 0 8 KMS
February 1983
Cara Exploration Consultants Ltd
WEST BLOCK
EAST BLOCK
Crossecho Lake
Maskinonge Lake
Hooch Cr
Tablerock Lake
Tom Chief Lake
Kathlyn Cr
Franciscan Lake
Miles L
Jacobus Lake
Pickerel Arm of Minnitaki L
GRANITE
METASEDIMENTS
INTERMEDIATE TO MAFIC METAVOLCANICS
MINOR INTRUSIVES
MOSTLY FELSIC METAVOLCANIC
MOSTLY METASEDIMENTS including some narrow iron formation
RHYOLITE
Little Vermilion Lake Fault
ECHO TP
McAREE TP
VERMILION TP
PICKEREL TP
N-8,9 = Holes by Nahann Mines
Z-1-5 = Holes by Conwest Exploration, 1950
KEY MAP
LEGEND*
PHANEROZOIC
CENOZOIC
QUATERNARY
PLEISTOCENE AND RECENT
Glacial drift sand gravel lake stream and swamp deposits
UNCONFORMITY
PRECAMBRIAN
EARLY PRECAMBRIAN (ARCHEAN)
LATE INTRUSIVE ROCKS
GRANITIC ROCKS
6 Unsubdivided
6a Hybrid granite and granite gneiss
6b Porphyritic granite
6c Quartz eye granite quartz porphyry
6d Feldspar porphyry granodiorite
6e Trondhjemite and quartz diorite
6f Pegmatite aplite
INTRUSIVE CONTACT
MAFIC INTRUSIVE ROCKS
5 Unsubdivided
5a Diorite syenodiorite
5b Gabbro (metagabbro)
5c Metamorphosed mafic and ultramafic olivine gabbro and peridotite
5d Porphyritic metagabbro
INTRUSIVE CONTACT
EARLY FELSIC INTRUSIVE ROCKS
4 Unsubdivided
4a Quartz porphyry
4b Quartz feldspar porphyry
4c Felsite
INTRUSIVE CONTACT
METAVOLCANICS AND METASEDIMENTS
METASEDIMENTS
3a Arkose
3b Slate and argillite
3c Wacke
3d Granite quartz porphyry conglomerate
3e Chlorite schist
3f Tuffaceous metasediments
3g Scapolitic wacke
3h Garnetiferous wacke
3k Quartz pebble conglomerate
3m Feldspar augen gneiss
FELSIC METAVOLCANICS
2a Felsic to intermediate
2b Tuff lapillistone pyroclastic breccia
2c Porphyritic rhyolite
2d Graphitic schist
2e Quartz quartz feldspar porphyry a
INTERMEDIATE TO MAFIC METAVOLCANICS
1a Intermediate to mafic lava massive flows
1b Pillowed lava
1c Chlorite schist
1d Crystal tuff and crystal rich flows
1e Tuff lapillistone pyroclastic breccia (agglomerate)
1g Layered greenstone amphibolite epidote amphibolite of probable volcanic origin
1h Biotite and hornblende schist and gneiss mainly of sedimentary or tuffaceous origin
1j Porphyritic basalt (leopard rock)
1k Variolitic lava
1m Crystal lithic tuff tuff and tuffaceous metasediments
IF Iron Formation
Notes
a) occurs as dikes and sills
This legend is in part derived from ODM geological maps 2155 Western Minnitaki Lake Area 2242 Vermilion Lake Sheet and 2243 Abram Lake Sheet
Contours of Airborne E M indication of West Block by Aeromagnetic Surveys Ltd 9-6 57 for Continental Mining Exploration Ltd See Plan No 3 for the East Block
Axis of pertinent ground magnetic zone There are many other strong magnetic anomalies
Ground electromagnetic conductor
H E M Horizontal loop from O G S Kenora Data Series
V L F - Very Low Frequency
Single outcrop of granodiorite
Granodiorite outcrop and/or drill hole intersection
Granodiorite outlined by underground workings drilling and/or trenching
No 1 2 3 Au zones at Goldlund
ore areas at Camreco
Drill holes and workings of these Au zones and ore areas are not given
known and inferred granodiorite dykes at Camreco by M Ogden
Inferred occurence of granodiorite by M Ogden
A B C D known showings in the Miles Lake area
Line grid used for plotting of data
METAL AND MINERAL ABBREVIATIONS
Ag Silver
Au Gold
cp Chalcopyrite
Cs Cesium
gf Graphite
gt Garnet
Li Lithium
mag Magnetite
mo molybdenite
Mo Molybdenum
po Pyrrhotite
py Pyrite
sp Sphalerite
S Sulphides
Dr holes located by M Ogden
T by Tarbush Lode Mining 1980
W 1 2 3 4 5 by Conwest 1950
Hall Option
W 18 19 by Windward 1950
P 8 9 10 by Penninsular Gold Mines Ltd 1950
B 2 etc by Bride Echo 1950
SYMBOLS
Diamond drill hole projected vertically (Wd 8 water depth ov 50 depth of over burden 1a 2b 3c Lithologies in downhole succession)
Mineral occurrence at the Surface
Shaft
Geological boundary
Fault or shear
Strike and dip of schistosity
Strike and dip direction of top unknown
Flow face indicated by pillow
28713
250



LEGEND

EARLY PRECAMBRIAN (ARCHEAN)

LATE INTRUSIVE ROCKS

6 — Granitic Rocks
6d Feldspar porphyry granodiorite

5 — Mafic Intrusive Rocks
5a Diorite syenodiorite
5b Gabbro (metagabbro)

EARLY FELSIC INTRUSIVE ROCKS

4 — 4a Quartz porphyry
4b Quartz feldspar porphyry

METAVOLCANICS AND METASEDIMENTS

3 — Metasediments
3b Slate and argillite
3c Wacke

IF — Iron formation

2 — Felsic Metavolcanics
2a Felsic to intermediate
2b Tuff lapillistone pyroclastic breccia
2c Porphyritic rhyolite

1 — Intermediate to Mafic Metavolcanics
1a Intermediate to mafic lava massive flows
1b Pillowed lava
1c Chlorite schist
1e Tuff lapillistone pyroclastic breccia (agglomerate)
1k Variolitic lava

METAL AND MINERAL ABBREVIATIONS

Au	Gold	Mag	Magnetite
cp	Chalcopyrite	Py	Pyrite
Po	Pyrrhotite	Sp	Sphalerite
S	Sulphides	gf	Graphite

SYMBOLES

Drill holes located by M Ogden
T 1 11 by Tarbush Lode Mining 1980
W 1 5 by Conwest 1950
W 18 19 by Windward 1950
P 8 9 10 by Penninsular Gold 1950
B 1 2 etc by Bride Echo 1950

Ov 50 — Depth of overburden

70 — Strike and dip of schistosity

x 6d 6d — Single outcrop outcrop area of granodiorite

6d — Inferred occurrence of granodiorite feldspar porphyry and/or zone of the same

Line grid used for plotting of ground data

72 — Ontario Highway N 72

Inferred fault or shear

Geological boundary (Inferred)

AIRBORNE VLF EM CONDUCTOR AXES

with reverse quardrature

with no quadrature

with normal quadrature

0 2 / 0 4 — Contours of Airborne EM indication by Aeromagnetic Surveys Ltd 1956 57 for Continental Mining Exploration Ltd

Axis of interesting low vertical gradient from airborne survey

VLF — Ground VLF EM conductor

Creek

Swamp

533107 — Claim number

NOTE – Boundary of property not verified

28713

PLAN No 3

DATA COMPILATION
(with interpretation)

TARBUSH LODE MINING LIMITED

WEST BLOCK
McAree and Echo Townships
Ontario

SCALE 1 10 000

July 1985
Cana Exploration Consultants Limited

52F16NW0019 2 8713 ECHO

EAST BLOCK
(71 claims)

N-89 = Holes by Nahanni Mines
Z-1-5 = Holes by Conwest Exploration 1950

JP-1-9=holes by Eaglelund Mines Ltd 1950

Maskinonge Lake

Miles Lake

Jacabus Lake

Pickerel Bay

OLD HIGHWAY

487121 487120 487118 487119 487117 487110 487111 487112 487113 Gravel pits 487114 487109 487108 487107 487106 487102 487103 487104 487105 487101 487100 487099 519520 519518 519516 519514 519519 519517 519513 519512 519511 519510 519509 519508 519507 519506 519505 519504 519503 519502 519501 519500 519499 487115 487116 612023 612024 612025 612026 704657 570729 570728 570722 570723 570724 570725 570727 570726 570721 570895 570894 850142 850143 850144 850145 850146 850185 850186 850187 850188 850189

Showing of Mosher Long Lac Gold Mines Ltd in 1947

GOLDENROD SHAFT 75'

ECHO TWP
PICKEREL TWP

BRAESWOOD HOLE 6

Au (VG)

N

LEGEND

EARLY PRECAMBRIAN (ARCHEAN)

LATE INTRUSIVE ROCKS

6 — 6 Granitic Rocks
6d Feldspar porphyry, granodiorite

5 — 5 Mafic Intrusive Rocks
5a Diorite syenodiorite
5b Gabbro, (metagabbro)

EARLY FELSIC INTRUSIVE ROCKS

4 — 4 4a Quartz porphyry
4b Quartz feldspar porphyry

METAVOLCANICS AND METASEDIMENTS

3 — 3 Metasediments
3b Slate and argillite
3c Wacke

2 — 2 Felsic Metavolcanics
2b Tuff, lapillistone pyroclastic breccia
2c Porphyritic rhyolite

1 — 1 | 1,5 Intermediate to Mafic Metavolcanics
1a Intermediate to mafic lava, massive flows
1c Chlorite schist
1e Tuff, lapillistone pyroclastic breccia (agglomerate)
1k Variolitic lava

IF Iron formation

NOTE This Legend is in part derived from ODM Geological Maps 2155 2242 and 2243

METAL AND MINERAL ABBREVIATIONS

Au	Gold	Mag	Magnetite
cp	Chalcopyrite	Py	Pyrite
Po	Pyrrhotite	Sp	Sphalerite
S	Sulphides	gf	Graphite

SYMBOLES

- Drill holes located by M Ogden
- Ov 50 — Depth of overburden
- Strike and dip of schistosity
- x 6d — Single outcrop of granodiorite
- 6d — Inferred occurrence of granodiorite feldspar porphyry and/or zone of the same
- Line grid used for plotting data
- Ontario Highway Nº 72
- Inferred fault or shear
- Geological boundary(inferred)

AIRBORNE VLF-EM CONDUCTOR AXES :
- with reverse quadrature
- with no quadrature
- with normal quadrature

(A) Known Anomaly
(Au) Geochemical anomaly

NOTE Claim boundaries not verified

28713

PLAN No 4

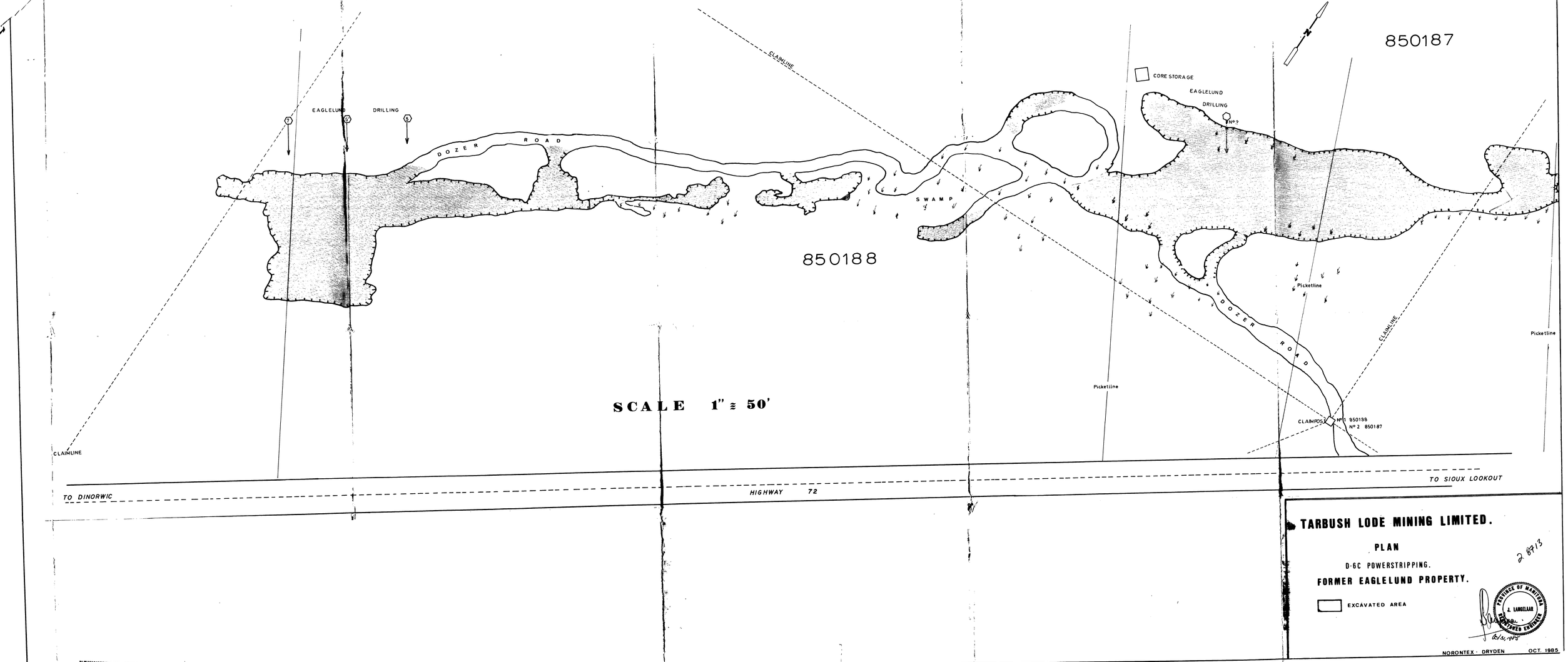
DATA COMPILATION
(with interpretation)

TARBUSH LODE MINING LIMITED

EAST BLOCK
Pickerel and Echo Townships
Ontario

SCALE 1 10 000

July 1985



TARBUSH LODE MINING LIMITED.

PLAN

D-6C POWERSTRIPPING.

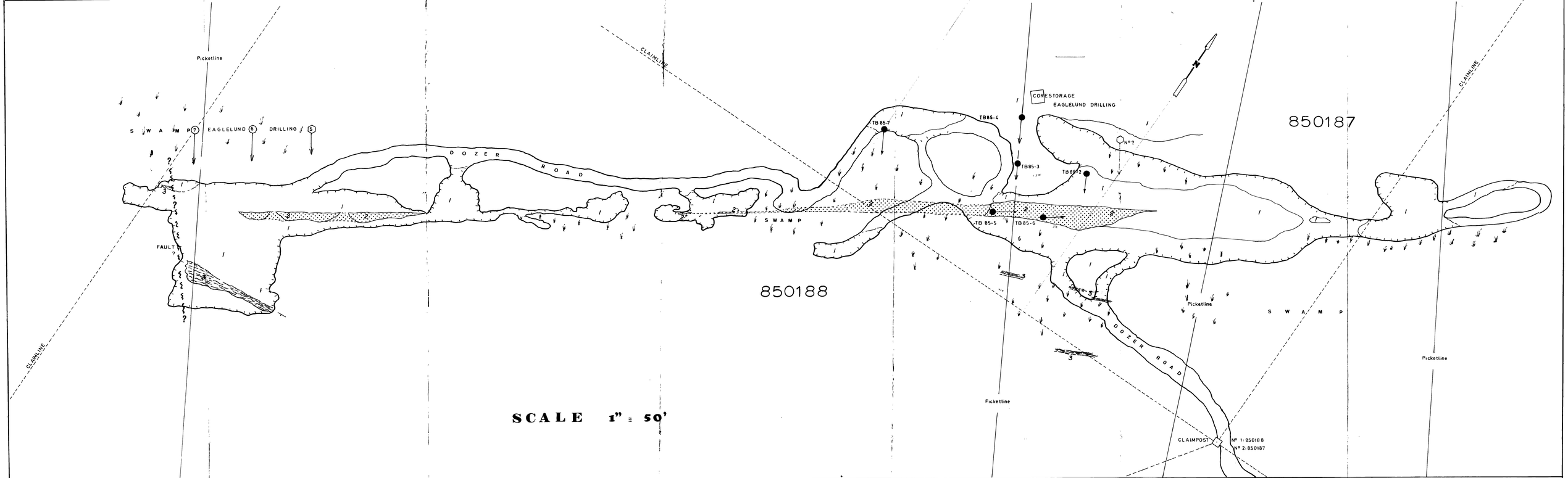
FORMER EAGLELUND PROPERTY.

EXCAVATED AREA

2.8713

PROVINCE OF MANITOBA
J. LANGELAAR
REGISTERED ENGINEER

NORONTEX - DRYDEN OCT. 1985



TARBUSH LODE MINING LIMITED.

GEOLOGY

FORMER EAGLELUND PROPERTY.

- STRIPPED AREA
- 3 SERIC. QUARTZ PORPHYRY
- 2 QUARTZ-GRANODIORITE
- 1 METAVOLCANICS

2.8713

PROVINCE OF MANITOBA
L. LANGELAAR
REGISTERED ENGINEER
Nov. 27/1985

NORONTEX DRYDEN NOV. 1985

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