



52F09SW0021 2.9609 TABOR LAKE

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REPORT ON THE 1984
EXPLORATION PROGRAM
ON THE
NEW KLONDIKE PROPERTY
IN THE
TABOR LAKE-KAWASHEGAMUK LAKE AREA

Raymond J. Smith

SUMMARY

The 96-claim New Klondike property is located approximately 30 miles southeast of Dryden in the Kenora Mining District. During the summer of 1984, a program of detailed prospecting and diamond drilling was completed.

Several previously outlined VLF-EM conductors were prospected. All were found to be caused by surficial features such as conductive clay, creeks and swamp edges.

A number of previously unlocated trenches and quartz veins were sampled. Assays were generally low, ranging up to a maximum of 0.242 oz/ton in a grab sample. Check samples taken from the dump at the Brockman shaft and adit returned samples of 1.01 oz/ton Au and 0.59 oz/ton Au respectively, confirming values taken during last years' exploration program.

The Church Lake trench was tested with six diamond drill holes totalling 803 feet. Although the shear zone which hosts the vein at surface was intersected, no sign of the vein was found in drill core. Assays from the drill program returned a best value of 0.006 oz/ton Au/3.1 feet.

It appears that gold mineralization on the New Klondike property is confined to narrow quartz veins.

(ii)

Although the grade of these veins may be quite spectacular, the restricted widths and strike lengths reduce the possibility of finding any economically viable tonnage. It is therefore recommended that no further work be done on the property.



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TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION	1
LOCATION AND ACCESS	1
PREVIOUS WORK	2
1984 EXPLORATION PROGRAM	4
Work Performed	4
Prospecting	4
Drilling	4
Results	4
Prospecting	4
Drilling	7
CONCLUSIONS AND RECOMMENDATIONS	8
REFERENCES	10
APPENDIX A - Claim Status	
APPENDIX B - VLF-EM Conductors	
APPENDIX C - Geology - New Klondike Property	
APPENDIX D - Mineral Occurrences	
APPENDIX E - Drill Logs and Sections	
APPENDIX F - Sample Descriptions and Assays	

ILLUSTRATIONS

<u>Figures</u>		<u>After Page</u>
1	LOCATION MAP	1
2	CLAIM MAP	1
3	GRID LOCATION MAP	1
4	MAP LOCATION SHEET	1

Drawings

5653a	VLF-EM SURVEY	in pocket 2
5653b	MAGNETOMETER SURVEY	in pocket 2
5653c	GEOLOGICAL SURVEY	in pocket 2
5654a	VLF-EM SURVEY	in pocket 3
5654b	MAGNETOMETER SURVEY	in pocket 3
5654c	GEOLOGICAL SURVEY	in pocket 3
5655a	VLF-EM SURVEY	in pocket 4
5655b	MAGNETOMETER SURVEY	in pocket 4
5655c	GEOLOGICAL SURVEY	in pocket 4
5738	DRILL PLAN	in pocket 4
5656a	VLF-EM SURVEY	in pocket 5
5656b	MAGNETOMETER SURVEY	in pocket 5
5656c	GEOLOGICAL SURVEY	in pocket 5
5657a	VLF-EM SURVEY	in pocket 6
5657b	MAGNETOMETER SURVEY	in pocket 6
5657c	GEOLOGICAL SURVEY	in pocket 6

INTRODUCTION

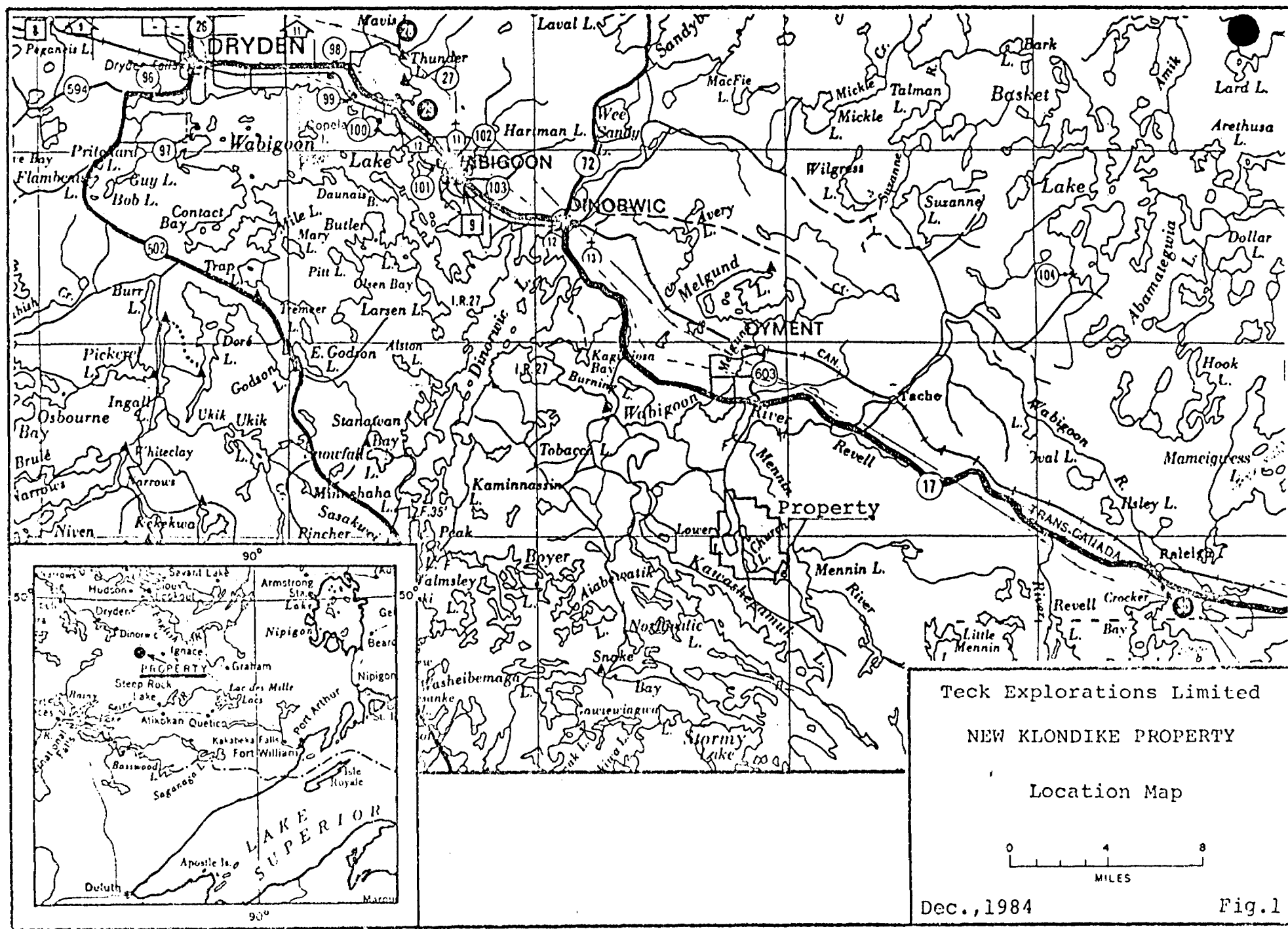
The New Klondike property consists of 96 contiguous claims located in the Kenora Mining District (Fig. 1, Appendix A). The central 58 claims, held by Mr. A. Kozowy of Ignace, Ontario were optioned by Teck Explorations Limited. The surrounding 38 claims were staked by Teck Explorations.

The property is located in the heart of what was known in the early days of gold mining in northwestern Ontario as the New Klondike gold region. Two old shafts, an adit, a high grade gold vein and several other interesting gold occurrences are located on the property.

During the winter, geophysical surveys (VLF-EM and magnetometer) were conducted over Brown, Lowery and Church Lakes. During the summer a program of detailed prospecting and diamond drilling was completed.

LOCATION AND ACCESS

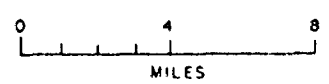
The New Klondike property is located approximately 30 miles southeast of Dryden, Ontario. An all-weather road



Teck Explorations Limited

NEW KLONDIKE PROPERTY

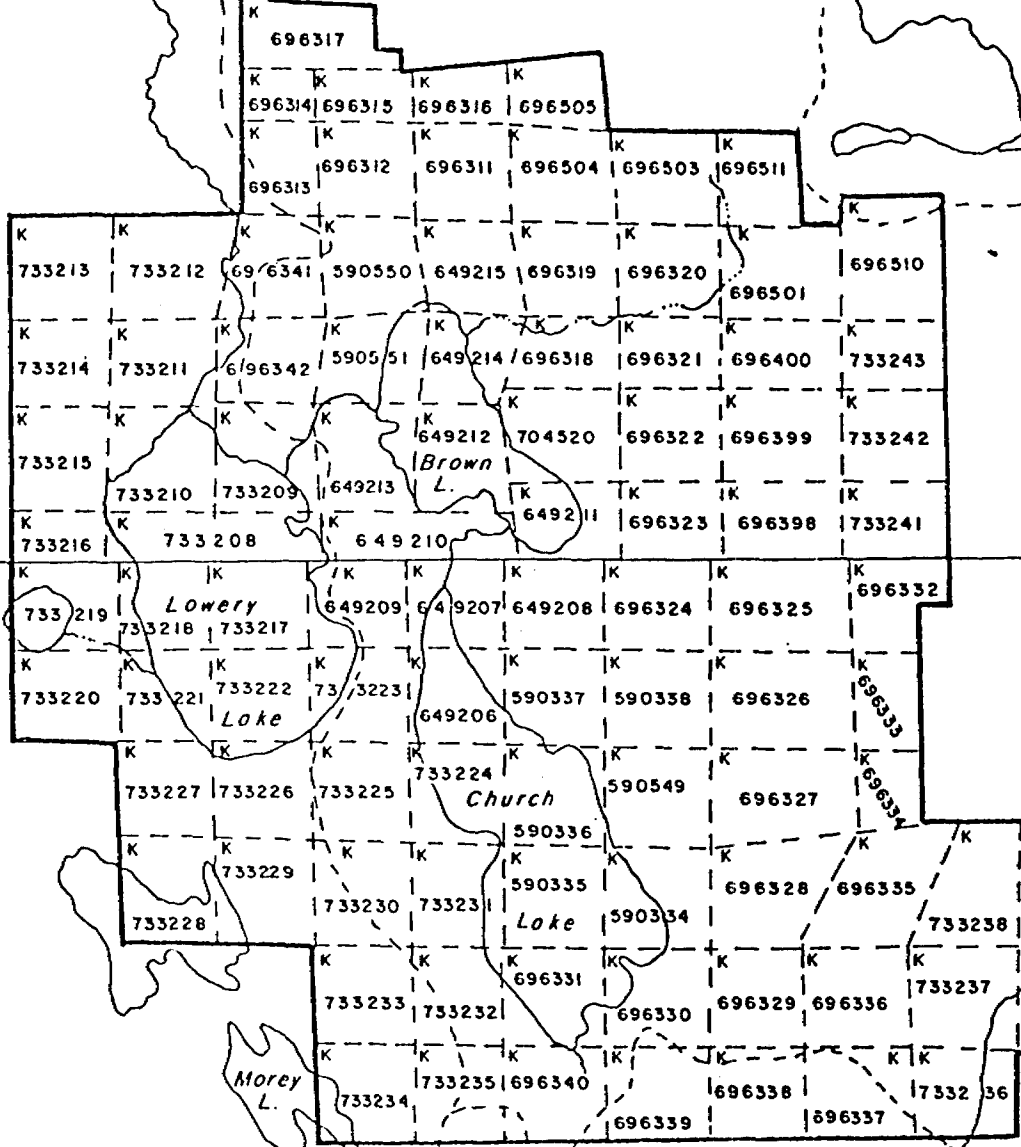
Location Map



Dec., 1984

Fig. 1

TABOR LAKE AREA
M-2653

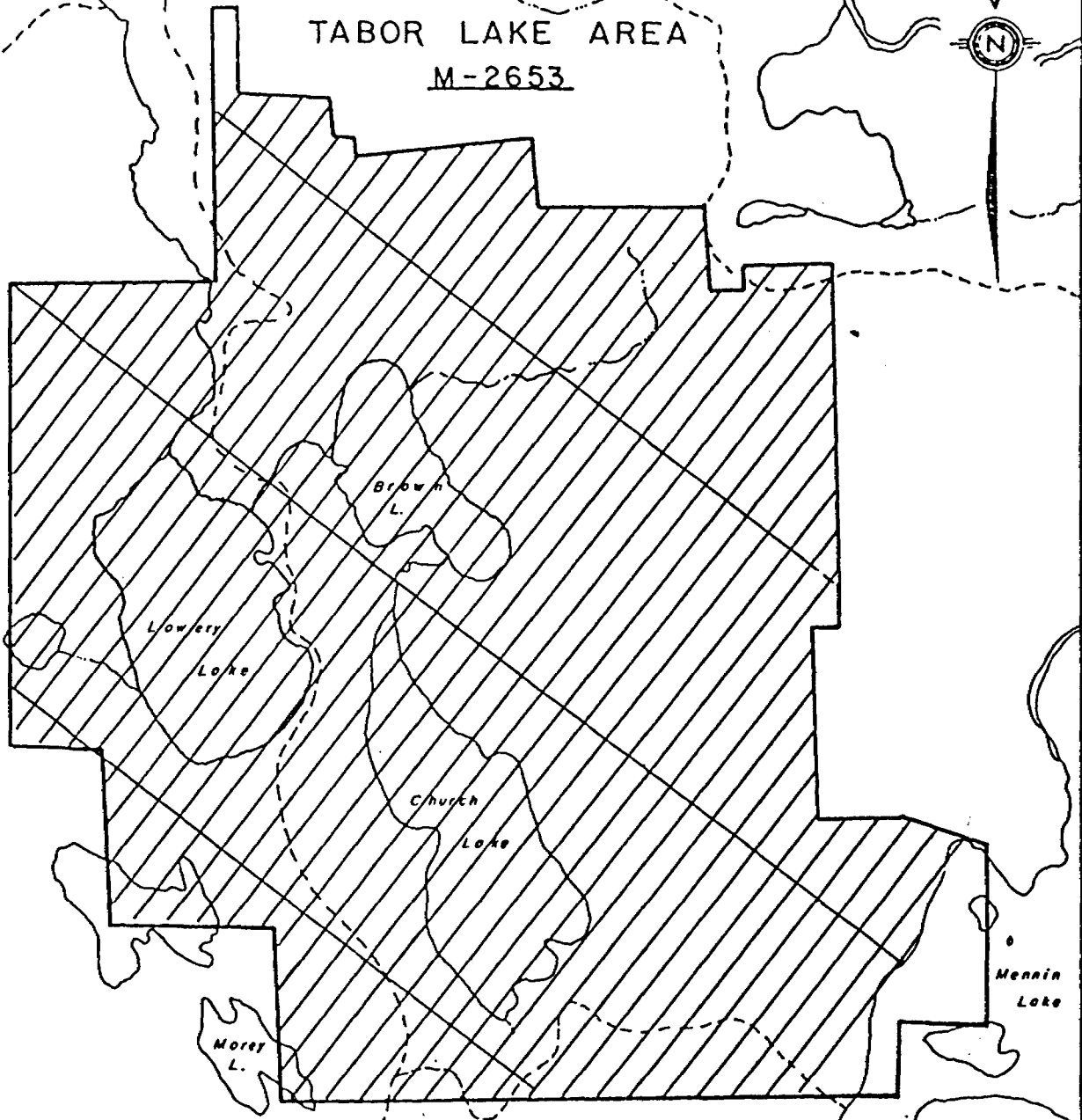


KAWASHEGAMUK LAKE AREA
M-2573

ABANDONED :		TECK EXPLORATIONS LIMITED		
DATE DUE :				
TRANSFERED :		NEW KLONDIKE		
RECORDED :		CLAIM LOCATION		
STAKED :		DATE '1983-11-2	N.T.S.' 52F/8,9	JOB' 1420
STAKED BY :	REVISED DATE	CLAIM MAP: M-2573/M-2653	SCALE: 1" = 2640'	

Figure 2

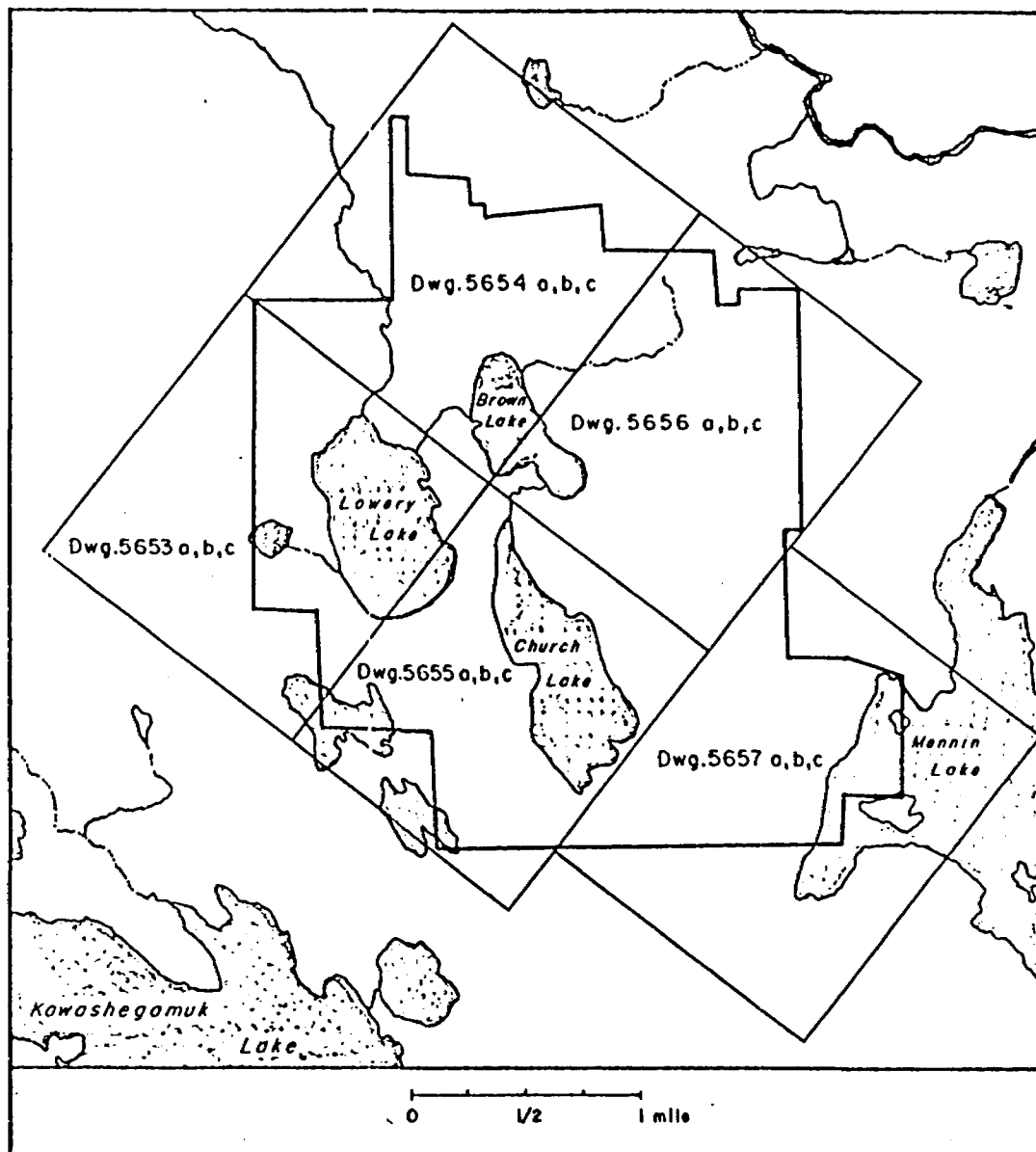
TABOR LAKE AREA
M-2653



KAWASHEGAMUK LAKE AREA
M-2573

TECK EXPLORATIONS LIMITED		
NEW KLONDIKE		
GRID LOCATION		
DATE 1983-11-2	NT.S. 52F/8,9	JOB 1420
DWG.	SCALE	1" = 2640'

Figure 3



- a - V.L.F.-E.M SURVEY
- b - MAGNETOMETER SURVEY
- c - GEOLOGICAL SURVEY

TECK EXPLORATIONS LIMITED		
NEW KLONDIKE		
MAP LOCATION SHEET		
DATE 1984-06-13	N.T.S. 52F/8.9	JOB . 1420
DWG.	SCALE 1" = 2640'	

Figure 4

commences at Borups Corners and runs south for six miles through the western half of the claim block. A bush road branches off near the southwest corner of the property and follows the southern claim boundary.

PREVIOUS WORK

The area has seen considerable gold prospecting and mining activity during the period 1895 to 1912 and again in the 1930s. Although there has been no gold production recorded from the New Klondike property, the Sakoose mine just north of the property produced 3,660 ounces of gold and 145 ounces of silver during the period 1890 to 1947. The mine has since been taken to lease by Mr. J. Redden of Ignace, Ontario, who is extracting gold from the old dump using a heap leaching process.

Within the boundaries of claim K590550, a shaft was sunk to a reported depth of 142' on a small but rich vein, said to be traceable for 1000' along strike. On claim K696311, a 4'x7' shaft was sunk to a depth of 40' on a small, 2' wide vein traceable for 250'. Around the same time, a 48' long, 6' deep trench was put down on a high grade gold-bearing quartz vein on claim K590549 near the east shore of Church Lake.

During the 1950s and 1970s, Falconbridge, Selco, Inco and V.M.A. Mines Ltd. carried out ground geophysical surveys and drilling on parts of the property, exploring for copper-zinc and copper-nickel deposits. Drilling consisted of six holes totalling 1,037'. Mineralization included intersections of 5% to 30% pyrite, 3% to 10% pyrrhotite and trace to 1% chalcopyrite in massive to brecciated andesite tuff. In addition, one sample of rhyolite tuff assayed by Selco returned values of 0.01% Cu, 0.02% Zn and 0.002 oz/ton Au.

Magnetometer and EM surveys conducted by Selco located 29 conductive zones of which 10 were recommended for drilling. Newmont Mining conducted magnetometer and EM surveys with a portion of the survey area overlapping part of the property. A total of 12 conductors were outlined with one, located on the property, being drilled. The 300' drill hole intersected a zone of 10% to 30% pyrite-pyrrhotite along an andesite-dacite fragmental contact.

During the summer of 1983, Teck Explorations Limited conducted a program of line cutting, geological mapping and geophysical surveys (VLF-EM and magnetometer). A total of 52 VLF-EM conductors and several high magnetic trends were outlined on the property. Samples taken during the mapping also located several areas anomalous in gold (Penno, 1983).

1984 EXPLORATION PROGRAM

Work Performed

Prospecting

Two prospectors were employed to explore for auriferous quartz veins and structures on the property. Outcrops were stripped by hand and chip and grab samples were taken of favourable rock types. Where necessary, sampling was aided by opening up small trenches using pluggers and dynamite.

Drilling

A total of 804 feet of BQ core were drilled using a unitized, totally hydraulic diamond drill. All core was logged at the drill site, split, and later stored in Marathon, Ontario.

Results

Prospecting

Detailed prospecting was conducted over most of the property, with particular attention given to the Brown and Church Lakes areas.

Previously outlined VLF-EM conductors (see Appendix B) C, G, I, J, M, N, P, U, LL, PP, BBB, CCC and EEE were prospected. All were found to be caused by surficial conductivity such as clay, creeks and swamp edges.

Along the east side of Church Lake, between L16+00S and L24+00S (Dwg. 5665), several samples taken returned anomalous gold values. At L16+00S, 4+00W, two chip samples of quartz veins in a 1'x6' rusty shear zone returned values of 1075ppb (0.03 oz/ton) Au and 1692ppb (0.05 oz/ton) Au. However, several samples of chlorite schist (sheared, chloritized gabbro) above and below the vein assayed only a maximum of 40ppb Au.

On L20+00S at station 5+90W, a grab sample of sheared and altered (carbonatized) gabbro with magnetite and up to 10% pyrite assayed 5160ppb (0.15 oz/ton) Au. This is comparable to a grab sample of sheared gabbro with 20% magnetite taken last year at L20+60S, 8+00W which returned an assay of 1310ppb (0.04 oz/ton) Au. A check sample taken at L20+50S, 7+50W by the author assayed nil Au. This large difference in values is probably due to the discontinuous or "patchy" character of the mineralization.

A single grab sample of smokey quartz in porphyritic gabbro taken at L22+80S, 7+20W, returned an anomalous assay of 840ppb (0.025 oz/ton) Au.

A new trench was established across strike at the south end of the Church Lake trench (Mineral Occurrence 9, Appendix D). This revealed a sharp contact between felsic pyroclastics to the west and sheared, highly chloritized gabbro to the east. Two samples of felsic pyroclastics assayed 10 and 20ppb Au.

Several chip and grab samples of quartz veins taken around the Church Lake trench (Dwg. 5665) all returned assays of nil ppb Au. However, a grab sample of quartz from one of the small trenches on strike with the Church Lake vein assayed 570ppb (0.017 oz/ton) Au.

Prospecting in the area around the Brockman shaft (Mineral Occurrence 2, Appendix D), north of Brown Lake between lines 24+00N and 28+00N, located several old trenches that were sampled. A grab sample from a rusty quartz vein located at L24+80N, 26+70E, approximately 100 feet southwest of the Kozowy trench (Mineral Occurrence 4, Appendix D) assayed 8295ppb (0.242 oz/ton) Au. A 12" chip sample of quartz taken from the Kozowy trench returned an

assay of 0.855 oz/ton Au. A previous sample taken by Trusler (1983) assayed 0.102 oz/ton. It should be noted, however, that the quartz vein is narrow, ranging in width from 1 to 4 inches, and that the samples were taken at an oblique angle to the strike of the vein.

Check samples of quartz taken from the dump at the Brockman shaft and the adit (Mineral Occurrence 1, Appendix D) returned assays of 1.01 oz/ton Au and 0.593 oz/ton Au respectively. This compares with previous samples that assayed 0.13 oz/ton Au and 1.32 oz/ton Au.

Drilling

Six holes totalling 804 feet were drilled to test the down dip extension of the high grade Church Lake gold vein (Fig. 5). All holes intersected varying amounts of felsic pyroclastics and porphyritic to massive gabbro. Sulphide mineralization was confined to shear zones within the gabbro.

Holes NK-1 and NK-2 were drilled immediately under the surface trench, with both holes being collared from the same set up. Hole NK-1 intersected a 10.8 foot wide calcareous shear zone with quartz-carbonate veinlets and stringers. This section returned a best assay of 0.004 oz/ton Au. Similarly, NK-2, which was drilled to test a deeper extension of the vein, intersected the same shear zone. All samples returned only trace values of gold.

Hole NK-3 was drilled to test the southern strike extension of the vein. A shear zone with carbonate veinlets in porphyritic gabbro assayed a maximum of 0.002 oz/ton.

NK-4 and NK-5 tested the strike extension of the vein to the north. Hole NK-4 intersected at 15.7-foot wide zone of sheared gabbro with occasional quartz veins up to 3 inches in width. Assays ranged from trace to 0.006 oz/ton Au/3.1 feet. The best values occurred in sections with quartz veins and 1-4% associated disseminated pyrrhotite and pyrite. NK-5 intersected two separate shear zones with abundant carbonate alteration. Both sections returned only trace amounts of gold.

To rule out a possible change in the dip direction of the vein, NK-6 was collared west of the trench and drilled east. The hole was collared and completed in massive to slightly foliated gabbro. Two samples taken of an altered feldspar porphyry dyke and an 8 inch quartz-carbonate vein returned only trace amounts of gold.

CONCLUSIONS AND RECOMMENDATIONS

Detailed prospecting during the summer failed to outline any substantial new gold mineralization on the

property. Work in the vicinity of the Brockman shaft did confirm previously reported gold values from a number of quartz veins in the area, but the veins are narrow and discontinuous, and do not promise any significant tonnage potential.

Diamond drilling of the Church Lake trench where numerous spectacular samples of visible gold have been found failed to locate any down dip or strike extension of the vein. Although the shear zone which hosts the mineralization at surface was intersected in drill core, no trace of the vein was found.

Based on the exploration program which has been conducted over the New Klondike property, it appears that gold mineralization is confined to quartz veins over narrow widths. Although the grade of these veins is usually quite spectacular, the restricted widths invariably reduce the possibility of finding economically viable tonnage on the property. It is therefore recommended that no further work be done on the property.

Respectfully submitted,

TECK EXPLORATIONS LIMITED

*David
2-6-87*

W.L.E. Penno

November 16, 1984

REFERENCES

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APPENDIX A

CLAIM STATUS

TECK CORPORATION - ALEXANDER KOZOVY - H. J. HODGE INC.

Agreement date: 20 May 1983.

GROUP NAME NEW KLONDIKE AREA Kawashagamuk & Tabor Lakes

Amt. or Nature	Date Due	Action
28 June 1983 - TG	H. J. Hodge	
See summary TX-140-2		

TOWNSHIP _____ MINING DIV. Kenora

PROVINCE ONTARIO JOB NO. 1420 NTS NO. _____

	IDENTIFICATION	* DATE RECORDED	DUE DATE	UNDER EXTN.	AMOUNT DUE	ASSESSMENT WORK FILED				TOTAL
						EM	MAG	DD		
(1)	K-590334	21 Dec 82	21 Dec 85		39	40	20	1		61
(1)	K-590335	"	" 85		40	40	20			60
(2)	K-590336 - 337	"	" 85		39	40	20	1		61
(1)	K-590338	"	" 85		40	40	20			60
(3)	K-590549 - 551	05 Oct 82	05 Oct 85		40	40	20			60
(2)	K-649206 - 207	03 Mar 83	03 Mar 86		40	40	20			60
(1)	K-649208	"	" 86		39	40	20	1		61
(2)	K-649209 - 210	"	" 86		40	40	20			60
(1)	K-649211	"	" 86		39	40	20	1		61
(3)	K-649212 - 214	"	" 86		40	40	20			60
(1)	K-649215	"	" 86		39	40	20	1		61
(1)	K-696311	31 May 83	31 May 86		39	40	20	1		61
(3)	K-696312 - 314	"	" 86		40	40	20			60
(1)	K-696315	"	" 85		40			20		20
(1)	K-696316	"	" 85		15	40	5			45
(1)	K-696317	"	" 86		40	40	20			60
(1)	K-696318	"	" 86		39	40	20	1		61
(5)	K-696319 - 323	"	" 86		40	40	20			60
(4)	K-696324 - 327	31 May 83	31 May 86		40	40	20			60
(1)	K-696328	"	" 86		39	40	20	1		61
(3)	K-696329 - 331	"	" 86		40	40	20			60
(4)	K-696332 - 335	"	" 86		40	40	20			60
(1)	K-696336	"	" 86		39	40	20	1		61
(4)	K-696337 - 340	"	" 86		40	40	20			60
(2)	K-696341 - 342	"	" 86		40	40	20			60
(3)	K-696398 - 400	06 Jun 83	06 Jun 86		40	40	20			60
(1)	K-696501	06 Jun 83	06 Jun 86		40	40	20			60
(1)	K-696503	06 Jun 83	06 Jun 86		40	40	20			60
(1)	K-696504	"	" 85		10	30	20			50
(1)	K-696505	"	" 85		40	10	5	5		20
...		05 Apr 83	05 Apr 86		39	40	20	1		61

APPENDIX B

VLF-EM CONDUCTORS

LIST OF VLF-EM CONDUCTORS ON THE NEW KLONDIKE PROPERTY

<u>CONDUCTOR BEGINS AT: CO-ORDINATES</u>	<u>CONDUCTOR ENDS AT: CO-ORDINATES</u>	<u>LENGTH</u>	<u>STRENGTH OF CONDUCTOR</u>	<u>ASSOCIATED MAG SIGNATURE</u>	<u>TYPE OF CONDUCTOR</u>
A L 68N, 1+25E	L 60N, 0+25W	900'	strong	up to 1090 gammas	bedrock?
B L 68N, 13+00E	L 60N, 12+00E	900'	strong	high background	weak bedrock?
C L 64N, 42+50E	L 52N, 41+75E	900'	strong to very strong	background	bedrock
D L 60N, 33+00E	L 48N, 34+00E	700'	moderately weak	high background	surficial
E L 56N, 31+50E	L 52N, 31+75E	500'	weak to strong	background	surficial
F L 52N, 17+25W	L 48N, 16+50W	500'	strong	background	weak bedrock?
G L 52N, 1+50E	L 32N, 6+25E	2300'	strong to very strong	background	bedrock
H L 52N, 10+50E	L 40N, 14+25E	1300'	weak to moderate- ly strong	background	surficial
I L 48N, 22+00E	L 28N, 27+00E	2200'	strong to very strong, very weak towards NW end	background	surficial
J L 44N, 17+50W	L 40N, 16+50W	500'	very strong	background	bedrock
K L 40N, 1+50W	L 36N, 1+00W	500'	weak to moderate- ly strong	background	weak bedrock?
L L 36N, 56+75W	L 32N, 55+00W	400'	very weak	background	surficial

<u>CONDUCTOR BEGINS AT: CO-ORDINATES</u>	<u>CONDUCTOR ENDS AT: CO-ORDINATES</u>	<u>LENGTH</u>	<u>STRENGTH OF CONDUCTOR</u>	<u>ASSOCIATED MAG SIGNATURE</u>	<u>TYPE OF CONDUCTO</u>
M L 36N, 30+50W	L 24N, 31+50W	1300'	very weak (NW) to very strong (SE)	background?	bedrock
N L 36N, 2+25E	L 28N, 1+25E	900'	moderately strong to strong	background	bedrock?
O L 32N, 8+50W	L 28N, 8+00W	500'	very weak	background	surficial
P L 28N, 40+50W	L 4N, 39+25W	2500'	strong to very strong	background	bedrock?
Q L 28N, 21+50W	L 24N, 23+50W	500'	very weak	background	surficial
R L 28N, 47+00E	L 8S, 32+00E	3600'	strong to very strong	erratic	bedrock?
S L 24N, 11+00E	L 0+00, 9+25E	2500'	very strong	background	bedrock
T L 20N, 19+75W	L 4S, 21+50W	2500'	very weak	background	surficial
U L 20N, 11+25W	L 8N, 8+00W	1300'	very weak to strong	background	surficial
V L 20N, 4+00W	L 16N, 4+75W	500'	moderately strong	background	surficial?
W L 16N, 26+25W	L 12N, 28+25W	500'	very weak	background	surficial
X L 12N, 58+50E	L 8N, 54+00E	600'	moderately weak to moderately strong	erratic	weak bedrock
Y L 8N, 40+00E	L 56S, 26+50E	6500'	strong becoming weak towards ends	background?	bedrock

<u>CONDUCTOR BEGINS AT: CO-ORDINATES</u>	<u>CONDUCTOR ENDS AT: CO-ORDINATES</u>	<u>LENGTH</u>	<u>STRENGTH OF CONDUCTOR</u>	<u>ASSOCIATED MAG SIGNATURE</u>	<u>TYPE OF CONDUCTOR</u>
Z L 4N, 33+50W	L 0+00, 35+00W	500'	very weak (NW) to moderately weak (SE)	background	surficial
AA L 4N, 18+00E	L 0+00, 18+25E	500'	very weak (NW) to moderately weak (SE)	up to 1100g	surficial
BB L 0+00, 12+50E	L 4S, 12+50E	500'	very weak	background	surficial
CC L 0+00, 15+00E	L 20S, 15+00E	2100'	very weak becom- ing very strong towards SE end	background	surficial
DD L 4S, 32+50W	L 8S, 35+00W	500'	moderately strong	background	surficial
EE L 4S, 50+25E	L 24S, 56+00E	2100'	very strong	slightly above background	bedrock
FF L 8S, 63+00E	L 12S, 62+00E	500'	weak to moderate- ly weak	background	surficial?
GG L 8S, 20+25E	L 12S, 19+75E	500'	very weak to weak	background	surficial
HH L 8S, 9+00E	L 12S, 10+00E	500'	strong	background	surficial
II L 12S, 46+00W	L 16S, 45+50W	500'	strong	background	bedrock?
JJ L 12S, 13+00W	L 16S, 15+50W	500'	weak	background	surficial
KK L 16S, 9+25W	L 36S, 16+00W	2200'	very weak	high background	surficial

<u>CONDUCTOR BEGINS AT: CO-ORDINATES</u>	<u>CONDUCTOR ENDS AT: CO-ORDINATES</u>	<u>LENGTH</u>	<u>STRENGTH OF CONDUCTOR</u>	<u>ASSOCIATED MAG SIGNATURE</u>	<u>TYPE OF CONDUCTOR</u>
LL L 20S, 23+75W	L 36S, 29+25W	1800'	strong	up to 550 gammas	bedrock
MM L 24S, 43+50W	L 28S, 43+50W	600'	strong (NW) to weak (SE)	background	bedrock?
NN L 28S, 46+00W	L 48S, 54+50W	2100'	very strong	background	bedrock
OO L 28S, 10+75E	L 40S, 10+25E	1300'	strong to moder- ately strong	background	bedrock
PP L 28S, 47+00E	L 32S, 46+50E	400'	weak to moderate- ly strong	background	weak bedrock
QQ L 40S, 44+00E	L 44S, 43+50E	500'	moderately weak to weak	up to 650 gammas	weak bedrock
RR L 40S, 15+50W	L 56S, 20+50W	1700'	very weak	background	surficial
SS L 52S, 36+25W	L 56S, 37+50W	400'	very weak	background	surficial
TT L 52S, 21+50E	L 56S, 22+25E	500'	very strong	background	bedrock
UU L 56S, 1+00W	L 60S, 1+75W	500'	weak	background	weak bedrock
VV L 60S, 37+00W	L 64S, 37+25W	500'	very weak	background	surficial
WW L 64S, 18+75W	L 72S, 16+50W	900'	moderately weak (SE) to strong (NW)	up to 900 gammas	weak bedrock
XX L 72S, 20+25W	L 76S, 15+50W	600'	weak	high background	surficial

<u>CONDUCTOR BEGINS AT: CO-ORDINATES</u>	<u>CONDUCTOR ENDS AT: CO-ORDINATES</u>	<u>LENGTH</u>	<u>STRENGTH OF CONDUCTOR</u>	<u>ASSOCIATED MAG SIGNATURE</u>	<u>TYPE OF CONDUCTOR</u>
YY L 80S, 12+50W	L 88S, 5+50W	1000'	strong	high background	bedrock
ZZ L 88S, 18+25W	L 92S, 18+00W	500'	strong	high backtground	bedrock

ONE LINE VLF-EM CONDUCTORS - NEW KLONDIKE PROPERTY

<u>CONDUCTOR LOCATION CO-ORDINATES</u>	<u>STRENGTH OF CONDUCTOR</u>	<u>ASSOCIATED MAG SIGNATURE</u>	<u>TYPE OF CONDUCTOR</u>
AAA L 12S, 0+25E	strong	background	bedrock?
BBB L16S, 71+25E	very strong	slightly above background	bedrock
CCC L 40S, 41+50N	very strong	background	bedrock
DDD L 44S, 37+00E	moderately strong	up to 1090 gammas	bedrock
EEE L 48S, 50+25N	moderately strong	background	bedrock
FFF L 88S, 31+50E	strong	background	bedrock

APPENDIX C

GEOLOGY - NEW KLONDIKE PROPERTY

A handwritten signature in cursive script, appearing to read "Robert L. Brown".

GEOLOGY - NEW KLONDIKE PROPERTY

General Geology

The property is dominantly underlain by a series of tholeiitic to calc-alkaline metavolcanics (Dwgs. 5663 to 5667 inclusive). A small wedge of metagreywackes and chemical metasediments underlies the northeast corner of the grid, sandwiched between metavolcanics to the southwest and the Revell batholith to the northeast. The metavolcanics and metasediments generally strike north to northwest and dip southwest. All units are intruded by a series of gabbroic sills and felsic dykes.

Most of the rocks have been metamorphosed to greenschist facies, except to the northeast where the grade increases to amphibolite facies due to the emplacement of a composite granodiorite batholith (Revell batholith) along the eastern edge of the property.

Mafic Metavolcanics

These rocks are dark green, fine grained to aphanitic and generally contain <1% disseminated pyrite and chalcopyrite. Magnetite content is highly variable resulting in an erratic magnetic signature. Felsic

volcanics are often interbedded or closely associated with this unit.

No obvious flow or volcanic textures were observed in outcrop. Classification was based mainly on colour and the massive, homogenous appearance as well as lack of sedimentary features.

Most of the mafic volcanics have been metamorphosed by the intrusion of the Revell batholith. They are generally moderately hard and composed of chlorite and amphibole, becoming spotted with coarse grained amphibole crystals near the margin of the batholith.

Intermediate Volcanics

These rocks are massive and form a series of northwest trending ridges, evidenced by a strong lineament between Glover and Morey Lakes. They are dominantly intermediate (andesitic) in composition, but may also include minor mafic flows.

Between Church Lake and Glover-Morey Lakes area, the volcanics are primarily flows characterized by well preserved pillows and flow textures. Around Glover and Morey Lakes, flows tend to be amygdaloidal. Pillows

are less common and characterized by abundant siliceous amygdules which are generally $<3/4$ " long and tend to be oriented north-south parallel to the general regional foliation.

Felsic Metavolcanics

The felsic metavolcanics consist of a series of rhyolitic to dacitic tuffs and flows with minor agglomeratic units. They are usually sericitized and carbonatized and generally contain minor amounts of disseminated sulphides, mainly pyrite and pyrrhotite with traces of chalcopyrite and sphalerite.

In the area around L40+00E, 46+00N, there appears to be some iron enrichment associated with minor faulting. However, no evidence of chloritic or sericitic alteration, stringer mineralization or bedded sulphides was observed.

Metasediments

A narrow wedge of metasediments occurs in the northwest corner of the property, sandwiched between felsic volcanics to the west and the Revell batholith to the east. They consist mainly of clastic greywackes and

arkoses with minor intercalations of chemical sediments, primarily well bedded chert.

Metagabbro

This unit is generally fine to medium grained and often porphyritic containing subhedral feldspar phenocrysts. These may be of primary origin but appear to be metamorphic. Generally, the metagabbro is not magnetic, but along the east shore of Church Lake, the intrusive has been altered and contains up to 20% medium to coarse grained (secondary?) disseminated magnetite.

Although not clearly apparent, this unit is probably a series of gabbroic sills rather than a single, larger intrusive. It separates andesitic metavolcanics from overlying felsic and mafic metavolcanics.

Felsic Intrusives

The Revell batholith, a large composite granodiorite body, outcrops along the eastern boundary of the property. It is composed essentially of fine to coarse grained, anhedral to subhedral plagioclase, quartz and biotite, with lesser amounts of potassium feldspar

(orthoclase?). The emplacement of this batholith has thermally metamorphosed many of the rocks on the property.

The numerous feldspar porphyry dykes which crosscut all units, may represent the final cooling phase of the batholith. These dykes are variable in composition and appearance, ranging from plagioclase phenocrysts in a dark grey to bluish aphanitic groundmass, to plagioclase phenocrysts in a fine grained quartz-biotite groundmass. The latter is most prevalent in the proximity of a strong north-south lineament running through Brown and Church Lakes.

Quaternary Geology

Most of the property is overlain by a thin to possibly thick blanket of glacial lacustrine deposits. The area lies within the southern extent of a large clay belt found around the Wabigoon and Dryden region. The deposits were probably laid down by glacial Lake Agassiz (Satterly, 1960; Thomson, 1933).

APPENDIX D

MINERAL OCCURRENCES

MINERAL OCCURRENCES - NEW KLONDIKE PROPERTY

1) Adit: L28+35N; 23+00E - Claim K590550 (DWG 5654C)

An adit is located approximately 200' southwest of the shaft mentioned below. It appears to have been driven along a 2' fault zone which strikes 072° and dips 60°N. The zone contains fault gouge with little or no quartz. A chip sample of this zone returned an assay of 40ppb Au.

However, in the cliff face above the adit, the fault is occupied by a 1.75' mineralized quartz-chlorite-ankerite vein containing approximately 3% sulphides (pyrite with minor chalcopyrite and galena). A chip sample across the vein returned an assay of 1.32 oz/ton Au.

2) Shaft: L27+80N; 29+50E - Claim K590550 (DWG 5654C)

North of Brown Lake, a shaft has been sunk to a reported depth of 142' on a vein striking west-northwest and having pinch and swell down dip (OBM, 1899). It is not possible to see the vein from the edge of the shaft, but the host rock appears to be mafic metavolcanic flows, lacking any apparent alteration or shearing.

The dump consists of chloritic mafic metavolcanics, quartz feldspar porphyry (QFP) and quartz. Quartz pieces contain chlorite and carbonate with up to 2% sulphides, mainly pyrite with lesser amounts of chalcopyrite and sphalerite. The QFP is also slightly mineralized containing a maximum of 2% pyrite. Trusler (1983) reports that a 25 lb composite grab sample taken from the dump by H.J. Hodge assayed 0.47 oz/ton Au. Grab samples of quartz and QFP taken during the mapping program returned assays of 0.13 oz/ton Au and 60ppb Au respectively.

3) **Brockman Trench: L26+10N; 28+50E - Claim K590550
(DWG 5654C)**

This and the Kozowy Trench to the south, are located in highly sheared mafic metavolcanics. Both appear to be associated with a prominent north-south lineament.

The Brockman trench is sunk on an irregular quartz vein with an average width of 6" containing coarse grained chalcopyrite. A chip sample of a chalcopyrite-rich section returned an assay of 3.91 oz/ton Au over 0.5'. However, the mineralization is very erratic and this sample is not totally representative of the entire vein.

- 4) Kozowy Trench: L25+00; 27+75E - Claim K590550
(DWG 5654C)

This trench is located approximately 290 feet south of the main shaft and 90 feet south of the Brockman trench. A 2" to 4" wide quartz vein was reported by Trusler (1983) to grade 0.102 oz/ton Au.

- 5) Trench: L24+16N; 40+50E (DWG 5654C)

A previously unreported shallow trench has been opened up on 1.5' wide quartz vein hosted by mafic volcanics. The quartz becomes smokey and contains ankerite near the contact. Samples of the quartz vein, mineralized smokey quartz (containing chlorite, ankerite and <1% pyrite) and wallrock returned assays of 30, nil and 20ppb respectively.

- 6) L12+00S; 59+00E (DWG 5656C)

A 6.5' wide shear zone containing rusty quartz occurs in metagabbro. A 25-lb. bulk sample of the pyritic material taken from the shear zone returned 20ppb Au.

- 7) L17+00S; 67+00E (DWG 5656C)

A 2.5' quartz vein in metagabbro, believed to be the one discovered by Kozowy while staking and referred to in Trusler's (1983) report, returned an assay of 90ppb Au.

8) L21+00S; 8+00W (DWG 5655C)

Sheared and altered porphyritic gabbro, now altered to chlorite schist, outcrops on the east shore of Church Lake. The gabbro contains up to 20% coarse grained magnetite and partially altered feldspar porphyroblasts. No quartz veining or sulphides were observed in outcrop. However, a grab sample of sheared metagabbro returned an anomalous assay of 0.04 oz/ton Au.

9) Church Lake Trench: L40+00S; 10+50W - Claim K590549
(DWG 5655C)

A 4" to 12" mineralized quartz vein has been trenched for a length of 48'. The vein occurs within a shear zone on the east shore of Church Lake and east of a prominent north-south lineament running through Brown and Church Lakes. The host rock is an intensively sheared gabbro, now altered to a chloritic schist. Slickenslides in the trench indicate the last movement was near vertical with the west side being downthrown. The shearing and progressive alteration of the gabbro can be traced for at least 500' from the lakeshore.

The quartz veining varies from white to blue grey and has been brecciated. Fractures within the quartz contain chlorite, calcite, ankerite and tourmaline.

The veins are mineralized with pyrrhotite, pyrite, chalcopyrite and native gold.

Three shallow trenches apparently sunk on a number of minor quartz veins occur about 100' to the north. These veins may be an en echelon extension of the main vein system. A grab sample of quartz taken by Trusler from these trenches assayed 0.028 oz/ton Au.

10) L64+00S; 21+60W to 22+00W (DWG 5657C)

Located near the southeast end of Church Lake, a series of felsic metavolcanics have been sheared, highly sericitized and carbonatized. This showing may be related to the strong north-south lineament mentioned earlier in this report. Three grab samples of sheared and/or fractured and altered felsic volcanics assayed 0.02 oz/ton, 0.12 oz/ton and 0.09 oz/ton Au.

APPENDIX E

DRILL LOGS AND SECTIONS

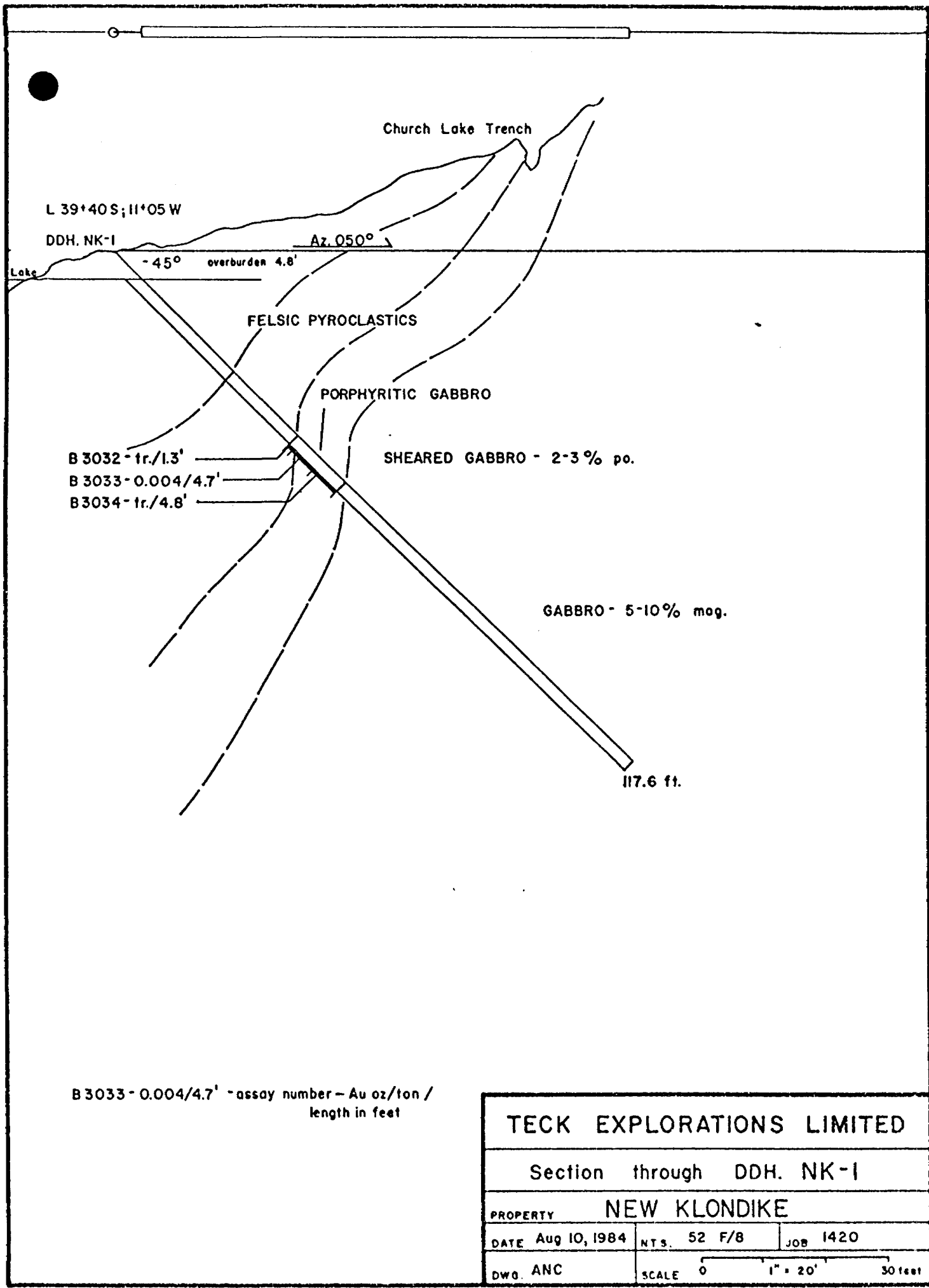
TECK EXPLORATIONS LIMITED
DIAMOND DRILL LOG

Hole NK-1
Sheet 1 of 2

Job <u>1420</u> <u>N.T.S.</u> <u>52F/8</u>	Objective <u>To Test Surface Showing at</u>	Core Location <u>Dryden</u>	Tests
Property <u>New Klondike</u>	<u>Depth</u>		Dip <u>At Collar</u> <u>-45°</u> <u>050°</u>
Township <u>Kawashagamuk Lake Area</u>	Drilling Co. <u>St. Lambert Drilling</u>	Distance to water <u>15 feet</u>	<u>117.6</u> <u>-44.5°</u>
Location: Line <u>39+40S</u>		Casing Lost <u>Nil</u>	
Station <u>11+05W</u>	Commenced <u>August 9, 1984</u>		
Elevation _____	Completed <u>August 10, 1984</u>	Core Size <u>BQ</u>	
Logged <u>W. Penno</u>	Length <u>117.6 feet</u>		
Remarks _____			

Depth (F)		Rock Type	Description	Sample No.	From	To	Length Feet	Assays				
From	To							Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm	
0	6.8		Casing									
6.8	27.4	FELSIC PYROCLASTICS	Light grey series of fine to coarse ash and lapilli tuffs, tuff breccias and agglomerate. Fragments are generally dark grey ranging in size from 1/16 to 1", angular to rounded in a fine grained to aphanitic sericitic matrix. Contains 2-4% yellow to light brown, disseminated ankerite(?). 10.3-11.3 - Felsic lapilli tuff.									
27.4	42.3	PORPHYRITIC GABBRO	Large (up to 1") euhedral to subhedral white plagioclase phenocrysts in a light green and white, fine to medium grained matrix composed of 30-40% plagioclase and 50-60% chlorite and amphibole. Phenocrysts compose 5-8% of unit.									
42.3	53.1	SHEARED GABBRO	Dark green, fine grained strongly sheared gabbro, altered to a chlorite schist. Highly calcareous with thin quartz-carbonate veinlets and stringers parallel shearing at 50° to core axis.	83032	42.3	43.6	1.3	Trace				

Depth (F)		Rock Type	Description	Sample No.	From	To	Length Feet	Assays				
From	To							Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm	
			43.6-48.3 - Light to medium gray, fine grained to aphanitic feldspar porphyry dyke with 2-3% fine grained disseminated pyrrhotite.									
				B3033	43.6	48.3	4.7	0.004				
				B3034	48.3	53.1	4.8	Trace				
53.1	117.6	GABBRO	Dark green and white, massive, holocrystalline, composed of 45-55% fine to coarse grained, euhedral to anhedral amphibole and chlorite and 40-50% white anhedral to subhedral plagioclase. Variable in grain size and texture. Contains 5-10% medium to coarse grained magnetite associated with up to 8" wide alteration zones with abundant epidote and blue quartz. 87.7-89.6 - Feldspar porphyry dyke. 106.6-117.6 - Gabbro with magnetite associated with quartz-epidote alteration zones.									
117.6		END OF HOLE										



TECK EXPLORATIONS LIMITED		
Section through DDH. NK-1		
PROPERTY NEW KLONDIKE		
DATE Aug 10, 1984	NTS. 52 F/8	JOB 1420
DWG. ANC	SCALE 0 1" = 20' 30 feet	

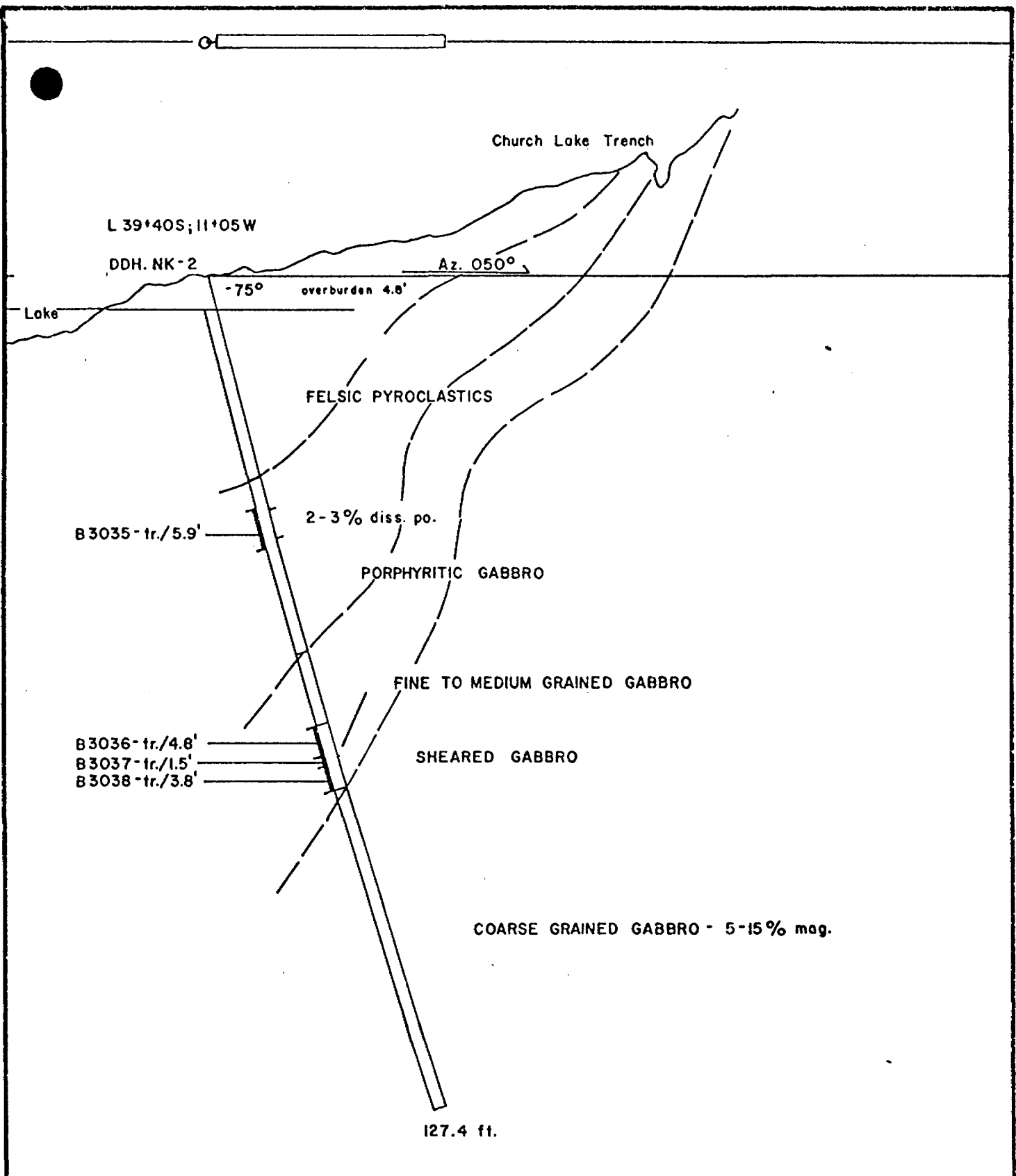
TECK EXPLORATIONS LIMITED
DIAMOND DRILL LOG

Hole NK-2
Sheet 1 of 2

Job <u>1420</u> <u>N.T.S.</u> <u>52F/8</u>	Objective <u>To Test Surface Showing at</u> <u>Depth</u>	Core Location <u>Dryden</u>	Tests
Property <u>New Klondike</u>	Drilling Co. <u>St. Lambert Drilling</u>	Distance to water <u>15 feet</u>	At Collar <u>-75°</u> <u>050°</u>
Township <u>Kawashogamuk Lako Area</u>	Commenced <u>August 10, 1984</u>	Casing Lost <u>Nil</u>	<u>127.4'</u> <u>-71.5°</u>
Location: Line <u>39+40S</u>	Completed <u>August 11, 1984</u>	Core Size <u>BQ</u>	
Station <u>11+05W</u>	Length <u>127.4 feet</u>		
Elevation _____			
Logged <u>W. Penno</u>			
Remarks _____			

Depth (F)		Rock Type	Description	Sample No.	From	To	Length Feet	Assays				
From	To							Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm	
0	4.9		Casing									
4.9	30.4	FELSIC PYROCLASTICS	Light grey, siliceous series of fine ash to lapilli tuffs, tuff breccia and agglomerate. Fragments angular to rounded and up to 1" in size. Unit altered to sericite.									
30.4	57.3	PORPHYRITIC GABBRO	Large (up to 1") white euhedral to anhedral plagioclase phenocrysts in a fine to medium grained, white and green plagioclase-amphibole-chlorite matrix. Massive, slightly calcareous. 35.3-41.2 - Sheared porphyritic gabbro. 35.7-40.3 - Feldspar porphyry dyke with 2-3% fine grained disseminated pyrrhotite.	B3035	35.3	41.2	5.9	Trace				
57.3	68.6	FINE TO MEDIUM GRAINED GABBRO	Dark green and white, holocrystalline, massive, composed of 35-45% white plagioclase and 45-55% green amphibole and chlorite.									
68.6	78.7	SHEARED GABBRO (?)	Dark green, strongly sheared gabbro (?) altered to a chlorite schist. Abundant quartz-carbonate									

Depth (F)		Rock Type	Description	Sample No.	From	To	Length Feet	Assays							
From	To							Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm				
			veining and alteration. Shearing at 40° to core axis. 69.5-73.4 - Shear zone with abundant quartz-carbonate veining and alteration. 73.4-74.9 - Feldspar porphyry dyke.												
78.7	127.4	COARSE GRAINED GABBRO	Green and white, highly variable in texture and grain size. Contains zones up to 8" wide with 5-15% medium to coarse grained magnetite associated with blue quartz, carbonate and epidote alteration.	B3036	68.6	73.4	4.8	Trace							
				B3037	73.4	74.9	1.5	Trace							
				B3038	74.9	78.7	3.8	Trace							
127.4		END OF HOLE													



B3035 - tr./5.9' - assay number - Au oz/ton /
length in feet

TECK EXPLORATIONS LIMITED		
Section through DDH. NK-2		
PROPERTY NEW KLONDIKE		
DATE Aug 11, 1984	NTS. 52 F/8	JOB 1420
DWG. ANC	SCALE 0 1" = 20' 30 feet	

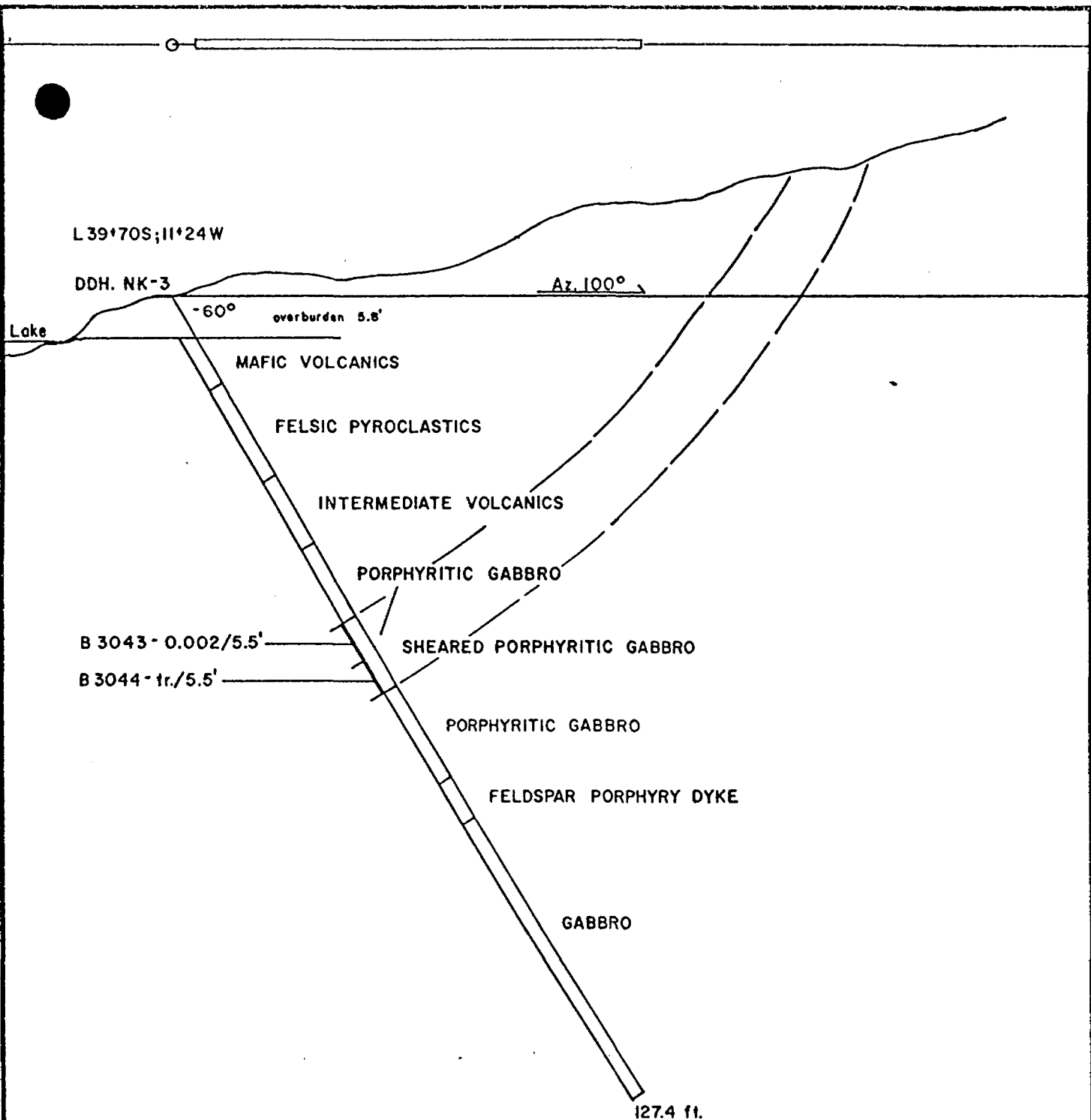
TECK EXPLORATIONS LIMITED
DIAMOND DRILL LOG

Hole NK-3
Sheet 1 of 2

Job <u>1420</u> <u>N.T.S.</u> <u>52F/8</u>	Objective <u>To Test Surface Showing at</u> <u>Depth</u>	Core Location <u>Dryden</u>	Tests
Property <u>New Klondike</u>	Drilling Co. <u>St. Lambert Drilling</u>	Distance to water <u>15 feet</u>	Dip <u>-60°</u> Azimuth <u>100°</u>
Township <u>Kawashegamuk Lake Area</u>	Commenced <u>August 13, 1984</u>	Casing Lost <u>Nil</u>	At Collar <u>127.4'</u> <u>-57.5°</u>
Location: Line <u>39+70S</u>	Completed <u>August 14, 1984</u>	Core Size <u>BQ</u>	
Station <u>11+24W</u>	Length <u>127.4 feet</u>		
Elevation _____			
Logged <u>W. Penno</u>			
Remarks _____			

Depth (F)		Rock Type	Description	Sample No.	From	To	Length Feet	Assays			
From	To							Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
0	6.8		Casing								
6.8	13.9	MAFIC VOLCANIC	Medium to dark green, fine grained, massive, composed of 50-60% fine grained chlorite and amphibole and 40-50% white feldspar (plagioclase?) and carbonate. Cut by numerous thin irregular carbonate veinlets. Calcareous and slightly porphyritic with occasional euhedral plagioclase laths up to 1/8" in size.								
13.9	28.3	FELSIC PYROCLASTICS	Dark grey to greenish grey series of lapilli tuffs and tuff breccia with subordinate felsic ash tuff and agglomerate. Fragments range in size from 1/16 to 3/4", averaging 1/8 to 3/16". Unit altered entirely to sericite with 1-2% fine grained disseminated ankerite (?) and occasional bright green patches of fuchite (?). Same unit as 49-30.4 in DDH NK-2.								
28.3	39.2	INTERMEDIATE VOLCANIC(?)	Medium to dark green, fine grained, massive. Calcareous cut by numerous carbonate veinlets and fractures. May be slightly altered section of								

Depth (F)		Rock Type	Description	Sample No.	From	To	Length Feet	Assays				
From	To							Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm	
			mafic volcanic (?). 36.6-39.2 - Zone of alteration and brecciation. Bleached with thin carbonate-chlorite fractures.									
39.2	50.6	PORPHYRITIC GABBRO	Large (up to 1-1/2") white, euhedral to anhedral plagioclase phenocrysts in a fine grained chlorite-amphibole-feldspar matrix. Some phenocrysts corroded and embayed. 43.9-44.9 - Medium grained intermediate dyke. 49.0-50.6 - Feldspar porphyry dyke.									
50.6	61.6	SHEARED PORPHYRITIC GABBRO	Dark green, sheared and foliated, altered to a chlorite schist. Abundant carbonate veining and alteration parallel shearing at 50° to core axis. Rare ragged plagioclase phenocrysts near contacts.	B3043 B3044	50.6 56.1	56.1 61.6	5.5 5.5	0.002 Trace				
61.6	76.3	PORPHYRITIC GABBRO	Similar to 39.2-50.6, but phenocrysts more altered. Matrix slightly coarser grained.									
76.3	82.9	FELDSPAR PORPHYRY DYKE										
82.9	127.4	GABBRO	Green and white, holocrystalline, massive. Highly variable in grain size. Composed of 55-65% chlorite and amphibole and 35-45% feldspar (plagioclase). Approaches a diorite in composition.									
127.4		END OF HOLE										



B 3043 - 0.002/5.5' - assay number - Au oz/ton / length in feet

TECK EXPLORATIONS LIMITED		
Section through DDH. NK-3		
PROPERTY NEW KLONDIKE		
DATE Aug 14, 1984	NT.S. 52 F/8	JOB 1420
DWG. ANC	SCALE 0 1" = 20' 30 feet	

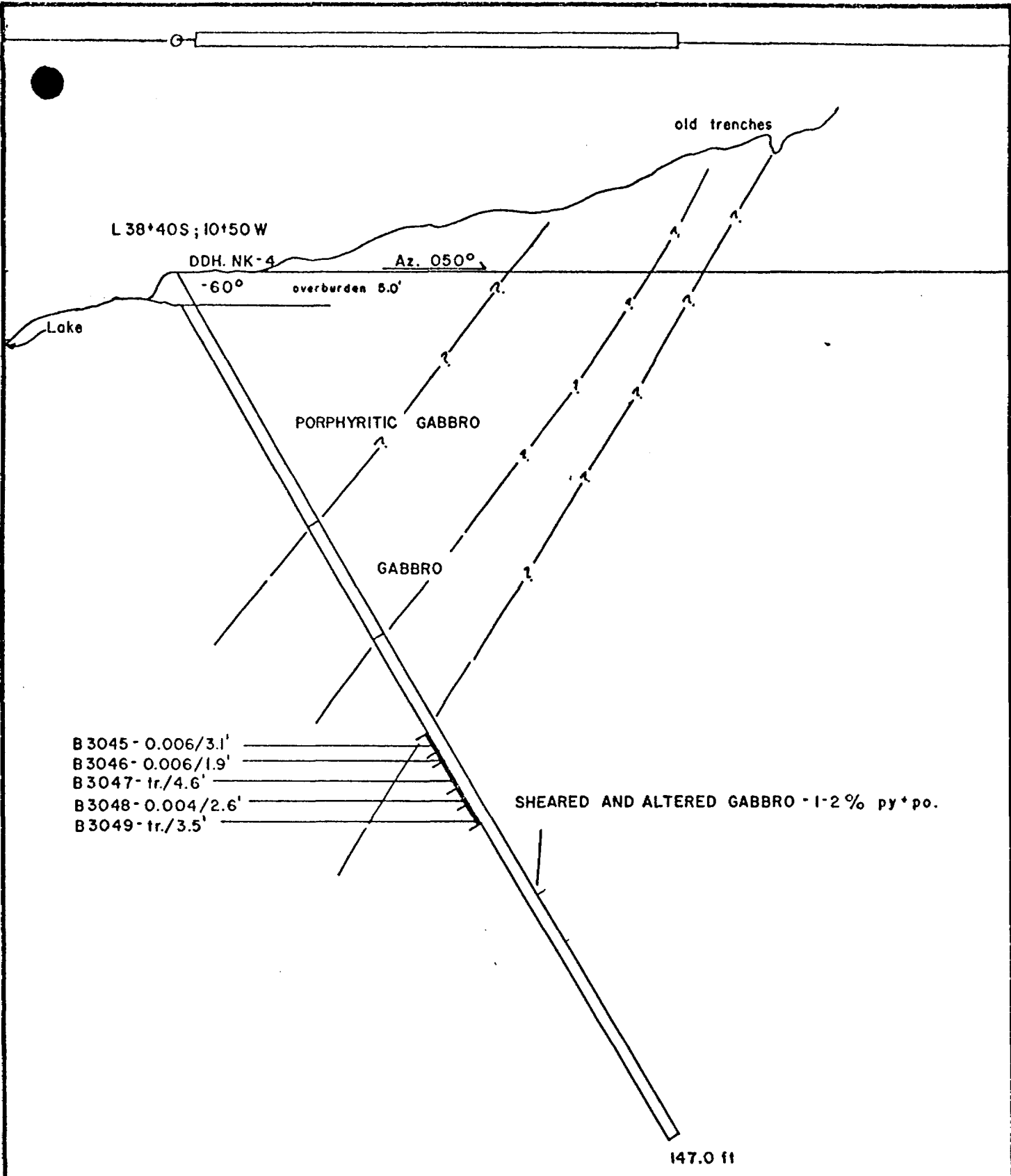
TECK EXPLORATIONS LIMITED
DIAMOND DRILL LOG

Hole NK-4
Sheet 1 of 2

Job <u>1420</u> <u>N.T.S.</u> <u>52F/8</u>	Objective <u>To Test Surface Showing at</u> <u>Depth</u>	Core Location <u>Dryden</u>	Tests
Property <u>New Klondike</u>	Drilling Co. <u>St. Lambert Drilling</u>	Distance to water <u>25 feet</u>	At Collar <u>Dip -60°</u> <u>147.0'</u> <u>Azimuth 050°</u>
Township <u>Kawashogamuk Lake Area</u>	Commenced <u>August 14, 1984</u>	Casing Lost <u>Nil</u>	
Location: Line <u>38+40S</u>	Completed <u>August 15, 1984</u>	Core Size <u>BQ</u>	
Station <u>10+50W</u>	Length <u>147.0 feet</u>		
Elevation _____			
Logged <u>W. Penno</u>			
Remarks _____			

Depth (F)		Rock Type	Description	Sample No.	From	To	Length Feet	Assays				
From	To							Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm	
0	5.5		Casing									
5.5	42.7	PORPHYRITIC GABBRO	Large white euhedral to anhedral plagioclase phenocrysts in a fine to medium grained matrix. Massive. Same as 39.2-50.6 in DDH NK-3. 28.8-33.5 - Feldspar porphyry dyke.									
42.7	61.7	GABBRO	Similar to 5.5-42.7 but lacking porphyritic texture. Upper and lower contacts gradational.									
61.7	147.0	SHEARED AND ALTERED GABBRO (?)	Dark green with thin irregular white carbonate veinlets throughout. Composed essentially of fine grained chlorite and fine to medium grained amphibole with 3-5% blue (secondary?) quartz. Slightly foliated at 10-20° to core axis. Pyrrhotite and pyrite (1-2%) associated with carbonate veinlets. Alteration highly variable, possible increasing down hole, evidenced by zones with 5-7% disseminated magnetite and 1-2% pyrrhotite. 78.7-79.1 - Zone with 1" and 3/8" wide quartz veins. Trace of pyrrhotite and pyrite along	B3045	77.1	80.1	3.1	0.006				

Depth (F)		Rock Type	Description	Sample No.	From	To	Length Feet	Assays						
From	To							Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm			
			contacts.											
			80.1-82.0 - Zone with 1' and 2" wide quartz veins with numerous chlorite inclusions. Also contains occasional pink, K-feldspar (?) crystals and 1-2% disseminated pyrrhotite and pyrite, generally associated with vein contacts and chloritic inclusions. Contacts at 15-20% to core axis.	B3046	80.1	82.0	1.9	0.006						
				B3047	82.0	86.6	4.6	Trace						
			88.4-89.2 - 3" quartz vein with 2-4% associated pyrrhotite, trace of pyrite. Contacts at 15-20° to core axis.	B3048	86.6	89.2	2.6	0.004						
				B3049	89.2	92.7	3.5	Trace						
			105.6-106.0 - 1" quartz vein at 35° to core axis.											
			107.2-109.1 - Feldspar porphyry dyke.											
147.0		END OF HOLE												



B 3045 - 0.006 / 3.1' - assay number - Au oz/ton / length in feet

TECK EXPLORATIONS LIMITED		
Section through DDH. NK-4		
PROPERTY NEW KLONDIKE		
DATE Aug 15, 1984	NTS. 52 F/8	JOB 1420
DWG. ANC	SCALE 0 1" = 20' 30 feet	

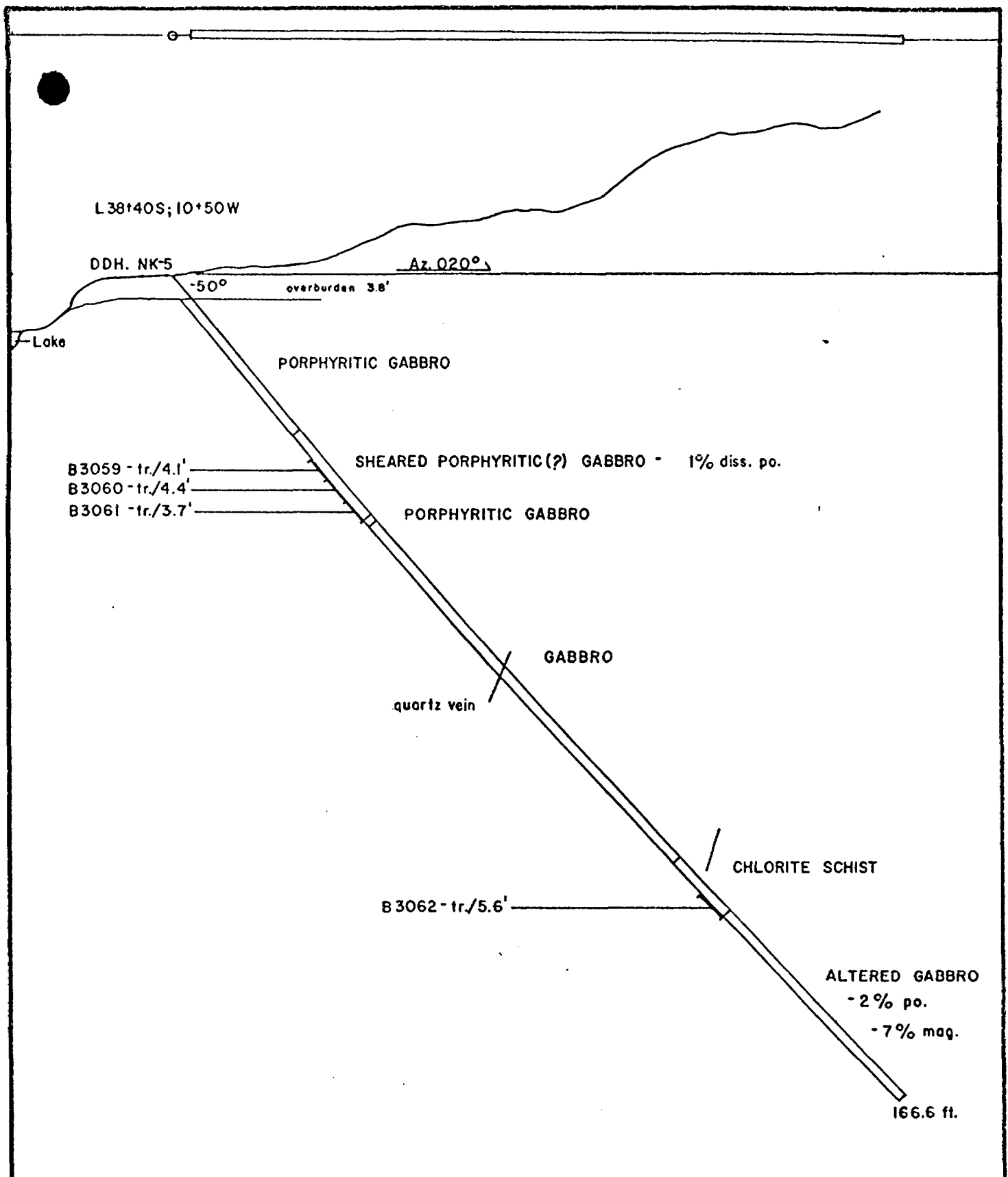
TECK EXPLORATIONS LIMITED
DIAMOND DRILL LOG

Hole NK-5
Sheet 1 of 2

Job <u>1420</u> <u>N.T.S.</u> <u>52F/8</u>	Objective <u>To Test Surface Showing at</u>	Core Location <u>Dryden</u>	Tests
Property <u>New Klondike</u>	<u>Depth</u>		Dip <u>At Collar</u> <u>-50°</u> Azimuth <u>020°</u>
Township <u>Kawashogamuk Lake Area</u>	Drilling Co. <u>St. Lambert Drilling</u>	Distance to water <u>25 feet</u>	<u>166.6'</u> <u>-46.5°</u>
Location: Line <u>38+40S</u>		Casing Lost <u>Nil</u>	
Station <u>10+50W</u>	Commenced <u>August 15, 1984</u>		
Elevation _____	Completed <u>August 16, 1984</u>	Core Size <u>BQ</u>	
Logged <u>W. Penno</u>	Length <u>166.6 feet</u>		
Remarks _____			

Depth (F)		Rock Type	Description	Sample No.	From	To	Length Feet	Assays				
From	To							Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm	
0	4.6		Casing									
4.6	28.9	PORPHYRITIC GABBRO	Large white (up to 1") euhedral to anhedral plagioclase phenocrysts in a fine grained chlorite-amphibole-feldspar matrix. Contains 12-15" wide zones with abundant epidote-quartz alteration.									
28.9	47.3	SHEARED PORPHYRITIC (?) GABBRO	Dark green, fine grained with carbonate veining and alteration parallel shearing/foliation at 15-60° to core axis. Unit altered to a chlorite schist with <1% disseminated pyrrhotite. 29.7-35.1 - Feldspar porphyry dyke. 36.8-37.3 - Quartz vein with chloritic wallrock inclusions. Contacts irregular varying from 40° to 70° to core axis. Contains <1% pyrrhotite and pyrite.	B3059	35.1	39.2	4.1	Trace				
				B3060	39.2	43.6	4.4	Trace				
				B3061	43.6	47.3	3.7	Trace				
47.3	48.6	PORPHYRITIC GABBRO	Same as 4.6-28.9.									
48.6	116.7	GABBRO	Dark green and white, massive, highly variable in grain size. Contains occasional thin carbonate									

Depth (F)		Rock Type	Description	Sample No.	From	To	Length Feet	Assays						
From	To							Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm			
			veins and alteration zones with blue quartz and epidote. 77.5 - 1" quartz vein, contacts sharp and at 65° to core axis.											
116.7	127.4	CHLORITE SCHIST (SHEARED GABBRO?)	Dark green, fine grained with abundant carbonate alteration, veinlets and stringers parallel shearing at approximately 60° to core axis. Contains 5-10% coarse grained secondary (?) blue quartz. 118.3-121.8 - Feldspar porphyry dyke.	B3062	121.8	127.4	5.6	Trace						
127.4	166.6	ALTERED GABBRO (?)	Dark green and white, highly variable in texture and composition. Composed mainly of fine to medium grained chlorite and amphibole with white, fine to coarse grained euhedral to anhedral feldspar (plagioclase?) occurring in irregular patches and zones. Also contains 5-10% medium to coarse grained blue quartz, 1-2% pyrrhotite and 5-7% fine to coarse grained magnetite generally associated with up to 12" wide alteration (?) zones. Similar to 61.7-147.0 in DDH NK-4, but lacking shearing/foliation and carbonate alteration.											
155.6		END OF HOLE												



B3060-tr./4.4' - assay number - Au oz/ton/
length in feet

TECK EXPLORATIONS LIMITED		
Section through DDH. NK-5		
PROPERTY NEW KLONDIKE		
DATE Aug 16, 1984	N.T.S. 52 F/8	JOB 1420
DWG. ANC	SCALE 0 1" = 20' 30 feet	

TECK EXPLORATIONS LIMITED
DIAMOND DRILL LOG

Hole NK-6
Sheet 1 of 2

Job <u>1420</u> N.T.S. <u>52F/8</u>	Objective <u>To Test Church Lake Trench at</u>	Core Location <u>Marathon, Ontario</u>	Tests	Dip	Azimuth
Property <u>New Klondike</u>	<u>Depth</u>				
Township <u>Kawashegamuk Lake Area</u>	Drilling Co. <u>St. Lambert Drilling</u>	Distance to water <u>200 feet</u>	At Collar	<u>-50°</u>	<u>245°</u>
Location: Line <u>39+93S</u>		Casing Lost <u>Nil</u>	<u>117.6'</u>	<u>-49°</u>	
Station <u>9+60W</u>	Commenced <u>September 24, 1984</u>				
Elevation _____	Completed <u>September 24, 1984</u>	Core Size <u>BQ</u>			
Logged <u>W. Penno</u>	Length <u>117.6 feet</u>				
Remarks _____					

Depth (F)		Rock Type	Description	Sample No.	From	To	Length Feet	Assays			
From	To							Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
0	6.6		Casing								
6.6	117.6	GABBRO	Green and white, mottled, fine to medium grained, massive to slightly foliated. Composed of 60-70% green euhedral to anhedral amphibole and chlorite and 30-40% white euhedral to anhedral plagioclase ± quartz (secondary?). Occasional coarse grained sections with fine to coarse grained magnetite and epidote alteration.								
			31.6-43.0 - Feldspar porphyry dyke. Bleaching and silicification associated with chlorite filled fractures. Wallrock slightly sheared up to 2' from contacts.	B3269	37.2	40.2	3.0	Trace			
			48.3-48.9 - Quartz carbonate vein at 20-30° to core axis. Trace of pyrite.	B3270	46.9	49.8	2.9	Trace			
			64.1-72.1 - Porphyritic Mafic Dyke. Dark green with 1-2% euhedral plagioclase phenocrysts up to 1/4" in size in a fine grained chlorite-feldspar matrix. Contacts at 30-40° to core axis.								

Depth (F)		Rock Type	Description	Sample No.	From	To	Length Feet	Assays				
From	To							Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm	
			92.0-92.5 - Series of quartz veins up to 1/2" in size. Contacts at 45° to core axis. No associated sulfides.									
			100.2 - 1/2" quartz vein at 70° to core axis. No sulfides.									
			102.9 - 1" quartz vein at 70° to core axis in 5" shear zone. No sulfides.									
			110.8 - 3/8" quartz vein at 5° to core axis in 5" shear zone.									
			116.6 - 1/2" quartz vein at 20° to core axis. Minor shearing. No associated sulfides.									
117.6		END OF HOLE										

Church Lake Trench

L39°93S; 9°60W

Az. 245°

DDH. NK-6

-50° overburden 5.0'

B3269-tr./3.0'

py.

B3270-tr./2.9'

GABBRO

117.6 ft.

B3296 - tr./3.0' - assay number - Au ounces per ton/
length in feet

quartz stringers

TECK EXPLORATIONS LIMITED

Section through DDH. NK-6

PROPERTY NEW KLONDIKE

DATE Sept. 24, 1984 N.T.S. 52 F/8 JOB 1420

DWG. V.A.B SCALE 0 1" = 20' 30feet

APPENDIX F

TABLE I - SAMPLE DESCRIPTIONS AND ASSAYS - 1983 PROGRAM

TABLE II - SAMPLE DESCRIPTIONS AND ASSAYS - 1984 PROGRAM

TABLE I

SAMPLE DESCRIPTIONS AND ASSAYS - 1983 PROGRAM

Sample Number	Location	Sample Type	Description	Assay (ppb Au)
A9602	12+00N, 27+00E	Grab	2" x 5' quartz vein	Nil
A9603	8+00S, 45+50E	Grab	Rusty sheared felsic volcanics	20
A9604	72+00S, 4+50W	Grab	Altered, gossanous gabbro	10
A9605	8+00S, 31+80E	Grab	Rusty felsic volcanics with 2% pyrite	60
A9606	12+00S, 51+10E	Grab	Rusty felsic volcanics with 1% pyrite	20
A9607	36+00S, 48+75E	Grab	Pyrite in sediments	Nil
A9608	52+00S, 36+50E	Grab	Quartz vein in felsic volcanics	Nil
A9609	56+00S, 18+00E	Grab	Quartz vein in felsic volcanics	Nil
A9610	56+00S, 23+80E	Grab	Quartz vein float with pyrite, chalcopyrite	10
A9611	51+20S, 29+00E	Grab	Sheared felsic volcanics with up to 50% pyrite (in trench)	20
A9612	51+50S, 29+00E	Grab	As A9611	20
A9613	64+00S, 1+60E	Grab	Felsic volcanics with 1-2% pyrite	Nil
A9901	24+16N, 40+50E	Chip 1.5'	Quartz vein	30
A9902	24+16N, 40+50E	Grab	Quartz rubble	Nil
A9903	24+16N, 40+50E	Grab	Footwall (2"), sheared gabbro, <1% pyrite	20
A9904	24+00N, 46+00E	Grab	Quartz from dump	105

Sample Number	Location	Sample Type	Description	Assay (ppb Au)
A9905	12+00S, 29+00E	Grab	Rhyolite breccia with 3% pyrrhotite	20
A9906	12+00S, 29+90E	Grab	Rhyolite breccia with 5% pyrrhotite, pyrite	Nil
A9907	16+00S, 37+00E	Grab	Brecciated and sheared feldspar porphyry	10
A9908	20+00S, 6+25E	Grab	Felsic volcanic float with quartz veins and chlorite	50
A9909	20+00S, 3+75W	Grab	Altered gabbro with 3% pyrite, minor quartz-carbonate veins	220
A9910	26+00S, 8+00W	Grab	Altered gabbro with 20% magnetite	1310
A9911	64+00S, 22+00W	Grab	Sheared felsic volcanics	630
A9912	64+00S, 21+60W	Grab	Rhyolite float, fractured, carbonate stain	4000 (0.12 oz/ton)
A9913	64+40S, 22+00W	Grab	Rhyolite float, fractured, carbonate stain	3110
A9914	64+00S, 10+80W	Grab	Granodiorite with very fine sulphides	200
A9915	64+00S, 9+50W	Grab	Rusty gabbro	60
A9916	63+25S, 4+50W	Grab	Altered felsic volcanics	400
A9917	60+00S, 0+00	Grab	Altered felsic volcanics	230
A9918	60+00S, 9+00W	Grab	Rusty gabbro in contact with feldspar porphyry in old trench	50
A9919	60+00S, 12+00W	Grab	Altered felsic volcanics with 1/2" quartz vein	150

Sample Number	Location	Sample Type	Description	Assay (ppb Au)
A9920	20+00S, 19+75E	Grab	Altered felsic volcanics (float?)	200
A9921	20+00S, 21+00E	Grab	Felsic volcanic	90
A9922	20+00S, 29+75E	Grab	Felsic volcanic <1% pyrite/ chalcopyrite	50
A9923	20+00S, 25+40E	Grab	Felsic volcanic with 5-10% pyrrhotite	120
A9924	20+00S, 40+00E	Grab	Felsic volcanic with 1% pyrrhotite	80
A9925	24+00S, 37+10E	Grab	Felsic volcanic	30
A9926	24+00S, 37+10E	Grab	Felsic volcanic/felsic dyke contact	80
A9927	24+00S, 25+40E	Grab	Cherty rhyolite, 10-15% pyrite, minor pyrrhotite	20
A9928	44+00S, 4+00W	Grab	Sheared gabbro with quartz vein	20
A9929	32+00S, 21+60E	Grab	Mafic tuff, <1% pyrite	110
A9930	32+00S, 38+00E	Grab	Brecciated and sheared felsic volcanic, minor pyrite, chalcopyrite	240
A9931	28+00S, 40+50E	Grab	Mafic intrusive <1% pyrite, chalcopyrite	90
A9932	36+00S, 22+00E	Grab	Felsic volcanics, <1% pyrite	20
A9933	44+00S, 8+25E	Grab	Float - quartz in gabbro	80
A9934	36+00S, 16+20E	Grab	Felsic volcanics, <1% pyrite	50

Sample Number	Location	Sample Type	Description	Assay (ppb Au)
A9935	44+00S, 9+90W	Grab	Feldspar porphyry with 2" quartz-chlorite vein	40
A9936	20+00S, 7+50W	Grab	Gabbro with 3% pyrite	250
A9937	15+25S, 4+20W	Grab	Altered gabbro, 1% pyrite, 20% magnetite	30
A9938	16+00S, 3+90W	Grab	Wallrock of quartz vein	5
A9939	8+30S, 1+40E	Grab	Contact of gabbro and feldspar porphyry dyke	10
A9940	80+00S, 28+00W	Grab	2' alteration zone in felsic volcanics with minor quartz veins	Nil
A9941	80+00S, 24+50W	Grab	Ultramafic dyke with 30% pyrrhotite	10
A9942	80+00S, 7+25W	Grab	4" quartz vein in altered gabbro	Nil
A9943	84+00S, 14+20E	Grab	Felsic volcanic or felsic intrusive, <1% pyrite	10
A9944	84+00S, 2+45E	Grab	Gabbro with 15% pyrrhotite	20
A9945	88+00S, 12+25W	Grab	Mafic dyke with 10-15% pyrrhotite	10
A9946	88+00S, 1+50W	Grab	Thin quartz vein in felsic volcanic	40
A9947	92+20S, 0+00	Grab	Altered felsic volcanic with 1% pyrite	10
A9948	92+00S, 7+00E	Grab	Altered gabbro with 30% magnetite	20
A9949	84+00S, 24+90W	Grab	Mafic dyke with 10-15% pyrrhotite	20

Sample Number	Location	Sample Type	Description	Assay (ppb Au)
A9950	14+50N, 8+50W	Grab	Quartz veining in felsite dyke	20
A9951	Adit	Chip-1.5'	Fault gouge above adit entrance	40
A9952	Adit	Chip-1.75'	Quartz vein above adit	45190 (1.32 oz/ton)
A9953	Brockman Dump	Grab	Quartz with 2% sulphides (pyrite, sphalerite, chalcopyrite, pyrrhotite)	4390 (0.13 oz/ton)
A9954	Brockman Dump	Grab	Quartz porphyry from dump	60
A9955	26+10N, 28+50E	Chip- 6"	Quartz vein with 10% chalcopyrite	134060 (3.91 oz/ton)
A9956	52+00N, 47+75E	Grab	Felsic volcanics with minor pyrite, quartz	40
A9957	46+50N, 40+00E	Grab	Felsic volcanics with fine fractures with quartz, tourmaline, pyrite	150
A9958	45+75N, 40+00E	Grab	Agglomerate	20
A9959	44+00S, 41+50E	Grab	Quartz-carbonate vein in gabbro	30
A9960	17+50S, 67+00E	Grab	Quartz vein in gabbro	90
A9961	12+00S, 59+00E	Chip-1.0'	Contact gabbro and felsic intrusive	Nil

TABLE II

SAMPLE DESCRIPTIONS AND ASSAYS - 1984 PROGRAM

Sample Number	Location	Sample Type	Description	Assay (ppb Au)
B221	8+00S, 0+00	Composite chip	Quartz float with rusty inclusions	10
B222	16+00S, 5+50W	Composite chip	Altered gabbro	Nil
B223	20+50S, 7+50W	Composite chip	Altered gabbro	Nil
B224	15+50S, 0+50W	Composite chip	Mafic volcanic, 1-2% pyrrhotite	Nil
B225	23+85S, 1+80W	Chip-2.5'	Altered gabbro	10
B226	39+50S, 1+20W	Composite chip	Dark grey 8" quartz vein	Nil
B227	39+50S, 1+20W	Composite chip	Dark grey 5' quartz pod	10
B228	Church Lake Trench #4	Grab from dump	Quartz and altered wall rock	570
B229	42+00S, 11+00W	Grab	Quartz float in o/c of chlorite schist	Nil
B232	64+00S, 22+00W	Composite chip	Altered gabbro	30
B233	64+00S, 21+60W	Grab	Felsic volcanic, 1% pyrite, pyrrhotite	10
B234	64+60S, 21+80W	Grab	Felsic volcanic float, 1% pyrite, pyrrhotite	30
B235	64+20S, 21+30W	Grab	Felsic volcanic float, 1% pyrite, pyrrhotite	10

Sample Number	Location	Sample Type	Description	Assay (ppb Au)
B236	Adit	Composite chip	Sheared chloritized gabbro	20
B237	Adit	Grab	Quartz vein in fault above adit	20,330 (0.59 oz/ton)
B238	Brockman Dump	Grab	Randomly selected quartz; some with pyrite, chalcopyrite, galena	34,627 (1.01 oz/ton)
B3001	45+10S, 41+00E	Grab	Rusty felsic volcanic, 3% pyrite	Nil
B3002	35+00S, 37+00E	Grab	Dacite, 4% pyrite	10
B3003	27+70S, 48+00E	Grab	Quartz vein in felsic rock	Nil
B3004	15+70S, 52+20E	Grab	2" quartz vein in foliated volcanic	Nil
B3005	14+00S, 69+00E	Grab	Quartz vein in gabbro	Nil
B3006	7+50S, 26+00E	Grab	1" quartz vein in gabbro	Nil
B3007	13+50S, 28+50E	Grab	Quartz vein in 4" chlorite schist	Nil
B3008	21+20S, 22+50E	Grab	Quartz vein in felsic dyke	Nil
B3009	15+10S, 20+00E	Grab	Quartz vein in mafic volcanic, 3% pyrite	Nil
B3010	Church Lake Trench	Chip-4.0'	Altered felsic volcanic	10
B3011	Church Lake Trench	Chip-3.5'	Altered felsic volcanic	20
B3012	39+40N, 51+50E	Composite chip	Sheared felsic volcanic and quartz	20

Sample Number	Location	Sample Type	Description	Assay (ppb Au)
B3013	39+40N, 52+00E	Composite grab	Sheared felsic volcanics	30
B3014	40+00N, 52+80E	Grab	Felsic volcanic, pyrite, quartz	440
B3015	12+00S, 59+00E	25 lb bulk	Pyritic shear zone	20
B3154	39+20S, 1+20W	Chip 40'	Smokey quartz vein	Nil
B3155	42+00N, 29+00E	Grab	Magnetic, sheared felsic volcanics	Nil
B3156	43+00N, 31+50E	Grab	Magnetic, sheared felsic volcanics	Nil
B3157	39+20S, 1+20W	Chip 3.0'	Calcareous gabbro, 5% quartz veins	Nil
B3158	37+70S, 9+20W	Grab	3'x4" quartz vein in gabbro	Nil
B3159	22+80S, 7+20W	Grab	Smokey quartz in gabbro	840
B3160	16+00S, 4+00W	Composite chip	6'x1' quartz vein in rusty sheared gabbro	1075
B3161	40+95S, 10+30W	Chip- 6"	Quartz vein in gabbro	Nil
B3162	41+25S, 10+20W	Composite chip	8'x12'x4" quartz vein in gabbro	Nil
A3163	38+25S, 6+50W	Grab	2" quartz vein in gabbro	Nil
B3164	36+80S, 6+50W	Grab	6" quartz vein in gabbro	Nil
B3167	29+40S, 2+00E	Grab	3" quartz vein in gabbro	10
B3168	45+35N, 40+65E	Grab	Sheared felsic volcanic; 2-3% pyrite	Nil
B3169	36+00N, 44+75E	Grab	Smokey quartz	35

Sample Number	Location	Sample Type	Description	Assay (ppb Au)
B3170	36+80N, 45+00E	Grab	Magnetic mafic dyke	10
B3171	33+70N, 49+00E	Grab	Rusty quartz	10
B3172	25+00N, 48+00E	Composite chip	25'x1' quartz vein in mafic volcanic	10
B3173	33+50N, 32+50E	Chip- 8"	Quartz vein	Nil
B3174	25+00N, 28+00E	Chip- 8"	Quartz vein in sheared intermediate volcanic, 5% pyrite	Nil
B3175	24+40N, 21+00E	Chip-5.0'	Magnetic shear zone, trace pyrite (0-5.0E)	Nil
B3176	24+40N, 21+00E	Chip-5.0'	Magnetic shear zone, trace pyrite (5.0-10.0E)	Nil
B3177	24+40N, 21+00E	Chip-5.0'	Sheared felsic volcanic (10.0-15.0E)	Nil
B3178	24+40N, 21+00E	Chip-5.0'	Sheared felsic volcanic (15.0-20.0E)	Nil
B3179	24+40N, 21+00E	Chip - 15.0'	Sheared felsic volcanic (20.0-35.0E)	Nil
B3180	24+40N, 21+00E	Chip - 15.0'	Sheared felsic volcanic (35.0-50.0E)	Nil
B3181	23+00N, 21+00E	Chip - 5"	Quartz vein with 3% pyrite in felsic volcanic	30
B3182	23+00N, 21+00E	Chip-6.0'	Felsic volcanic with several quartz veins	Nil
B3183	23+00N, 20+50E	Chip- 18"	Quartz vein with splashes of chalcopyrite	20
B3184	24+80N, 26+70E	Grab	25'x4" quartz vein south of Brockman Shaft	8295 (0.242 oz/ton)

Sample Number	Location	Sample Type	Description	Assay (ppb Au)
B3185	Kozowy Trench	Chip- 12"	Quartz vein - south of Brockman Shaft	29213 (0.852 oz/ton)
B3186	50' north of Kozowy Trench	Grab	2" quartz vein	70
B3187	60+25S, 9+20W	Grab	Sheared gabbro with pyrite, magnetite	30
B3188	58+90S, 8+20W	Grab	5'x4" quartz vein in gabbro	10
B3189	53+00S, 9+00W	Chip - 15.0'	Quartz vein - chlorite schist in trench	Nil
B3190	53+00S, 9+00W	Chip-6.0'	Quartz vein - chlorite schist in trench	Nil
B3191	53+00S, 9+00W	Chip - 15.0'	Quartz vein - chlorite schist above trench	50
B3192	83+35S, 3+35W	Chip -20"	Quartz vein in altered gabbro	Nil
B3193	5+75S, 10+20W	Grab	12'x5" quartz vein in gabbro	Nil
B3194	20+00S, 5+90W	Grab	Altered gabbro with up to 10% pyrite	5160 (0.15 oz/ton)
B3195	16+00S, 4+00W	Chip-4.0'	Quartz vein	1660
B3196	16+00S, 4+00W	Grab	Chlorite schist below quartz vein	Nil
B3197	16+00S, 4+00W	Grab	Chlorite schist in quartz vein	40
B3198	16+00S, 4+00W	Grab	Chlorite schist above quartz vein	20

Sample Number	Location	Sample Type	Description	Assay (ppb Au)
B3199	48+60S, 40+00E	Grab	Felsic volcanics with 3% pyrite	10
B3200	51+00S, 19+00E	Grab	5"x4' quartz vein	Nil



52F09SW0021 2.9609 TABOR LAKE

900

International Platinum Corporation

December 5, 1986

Mr. Mark Hall
Mining Recorder
Kenora Mining Division
808 Robertson Street
P.O. Box 5080
Kenora, Ontario
P9N 3X9

Dear Mark:

Attached is a Report of Work covering 45 claims on our Church Lake property. Please notify the Mining Lands Section of this notice as soon as possible as we are sending the geotechnical reports to them immediately.

Yours truly,

INTERNATIONAL PLATINUM CORPORATION

Lorne Burden
Project Geologist

LB/bh

cc: Mining Lands Section

RECEIVED

DEC - 8 1986

MINING LANDS SECTION



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

R.P.
29609

Mining Act

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

#157-86

m-2453

Type of Survey(s): **GEOLOGICAL**

Claim Holder(s): **(Alexander Kozowy) International Platinum Corporation**

Address: **Ste. 2304, Sun Life Tower, P.O. Box 30, 150 King St.W. Toronto, Ontario M5H 1J9**

Survey Company: **Teck Explorations Limited**

Name and Address of Author (of Geo Technical report): **2189 Algonquin Ave., North Bay, Ontario**

Tabor Lake and Kawashegamung Lake Areas
Prospector's Licence No. **G.2585**
(51856) T.989

Date of Survey (from & to):
15 06 83 15 10 83
Day Mo. Yr. Day Mo. Yr.

Total Miles of line cut

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

Mining Claims Traversed (List in numerical sequence)			
Prefix	Mining Claim Number	Expend. Days Cr.	Total Miles of line cut
K	590337		
	590338		
	649208		
	649209		
	649213		
	649215		
	696311		
	696312		
	696313		
	696314		
	696315		
	696316		
	696317		
	696318		
	696319		
	696320		
	696321		
	696322		
	696323		
	696324		
	696325		
	696326		
	696327		
	696328		
	696329		
	696330		
	696332		
	696333		
	696334		
	696335		
	696336		
	696337		
	696338		
	696339		
	696340		
	696341		
	696342		
	696398		
	696399		
	696400		
	696501		
	696503		
	696504		
	696505		
	704520		

KENORA MINING DIV.
DEC 10 1986
7:10 AM

590334

Total number of mining claims covered by this report of work. **45**

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures **S** ÷ 15 = Total Days Credits

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

Date: **November 19/86**

Recorded by (Signature): *[Signature]*

For Office Use Only

Total Days Credits Recorded: **900**

Date Recorded: **DEC. 10/86**

Date Approved as Recorded: *[Signature]*

Mining Registrar: *[Signature]*

Branch Engineer: *[Signature]*

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying: **W. Penno Teck Explorations Limited**

2189 Algonquin Ave. North Bay, Ontario

Date Certified: *[Signature]*

Certified by (Signature): *[Signature]*

International Platinum Corporation

December 5, 1986

Mining Lands Section
Ministry of Northern Development
& Affairs
Whitney Block, Room 6610
99 Wellesley Street West
Queen's Park
Toronto, Ontario
M7A 1W3

Dear Sirs:

As per assessment requirements, please find enclosed two copies of a geotechnical report covering 45 claims in the Tabor Lake - Kawashegamuk Lake Areas of northwestern Ontario. The mining recorder in Kenora has just been sent the report of work, so it may be a few days before you can match this geotechnical report to a formal report of work.

We look forward to a favorable reply.

Yours truly,

INTERNATIONAL PLATINUM CORPORATION



Lorne Burden
Project Geologist

RECEIVED

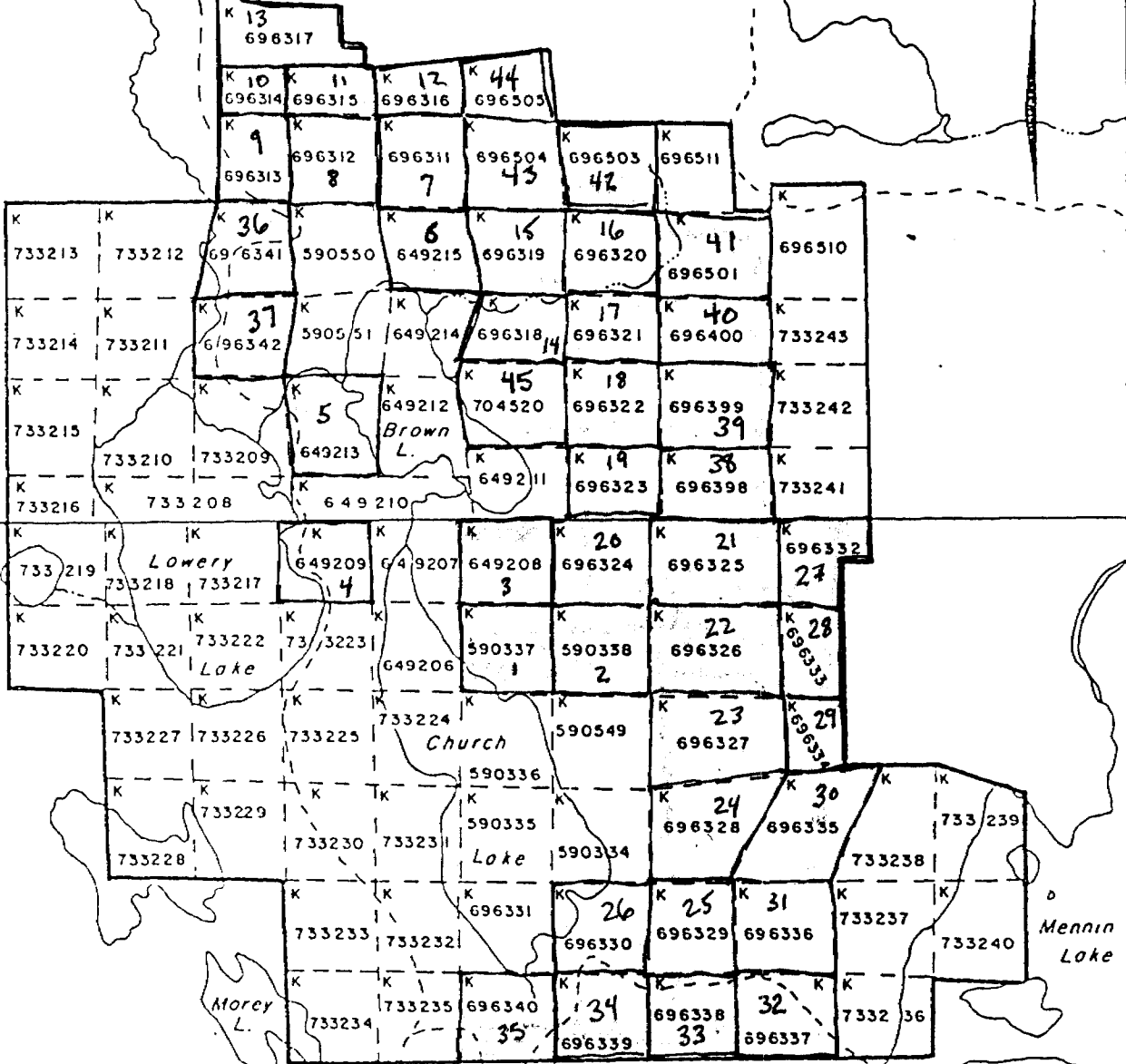
DEC - 5 1986

MINING LANDS SECTION

LB/bh
Encl:

TABOR LAKE AREA

M-2653



KAWASHEGAMUK LAKE AREA

M-2573

ABANDONED :	
DATE DUE :	
TRANSFERRED :	
RECORDED :	
MAKED :	
MAKED BY :	

TECK EXPLORATIONS LIMITED		
NEW KLONDIKE		
CLAIM LOCATION		
DATE : 1983-11-2	N.T.S. : 52F/B,9	JOB : 1420
CLAIM MAP : M-2573 / M-2653	SCALE : 1" = 2640'	

REVISED DATE

Figure 2

1	K 590337	✓		24	696328	✓					
2	590338	✓		25	696329	✓					
3	649208	1/4		26	696330	1/4					
4	649209	1/4		27	696332	✓					
5	649213	1/4		28	696333	✓					
6	649215	1/4		29	696334	1/4					
7	696311	✓		30	696335	✓					
8	696312	✓		31	696336	✓					
9	696313	✓		32	696337	✓					
10	696314	1/4		33	696338	✓					
11	696315	1/4	disc clean	34	696339	✓					
12	696316	1/2	small clean	35	696340	1/4					
13	696317	1/4		36	696341	✓					
14	696318	✓		37	696342	✓					
15	696319	✓		38	696398	✓					
16	696320	✓		39	696399	✓					
17	696321	✓		40	696400	✓					
18	696322	✓		41	696501	✓					
19	696323	✓		42	696503	✓					
20	696324	✓		43	696504	✓					
21	696325	✓		44	696505	✓					
22	696326	✓		45	704520	1/4					
23	696327	✓									

let go. - go away

TABOR LAKE

DISTRICT OF
KENORA

KENORA
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

- PATENTED LAND ● or (P)
- CROWN LAND SALE CS
- LEASES (L)
- LOCATED LAND Loc
- LICENSE OF OCCUPATION LO
- MINING RIGHTS ONLY MRO
- SURFACE RIGHTS ONLY SRO
- ROADS ---
- IMPROVED ROADS ---
- KING'S HIGHWAYS ---
- RAILWAYS ---
- POWER LINES ---
- MARSH OR MUSKEG ---
- MINES X
- CANCELLED C
- PATENTED SRO (P)

NOTES

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

Roads indicated PRIVATE may be used by prospectors only with permission obtained from District Engineer, Kenora, Ontario

Area withdrawn from staking under Section 43 of the Mining Act (R.S.O. 1970)

Order No	File	Date	Disposition
5	W36/78 115978	10 July '78	MRC

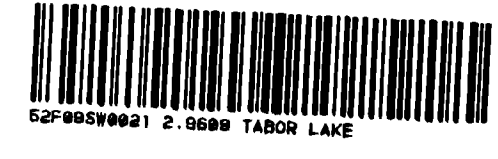
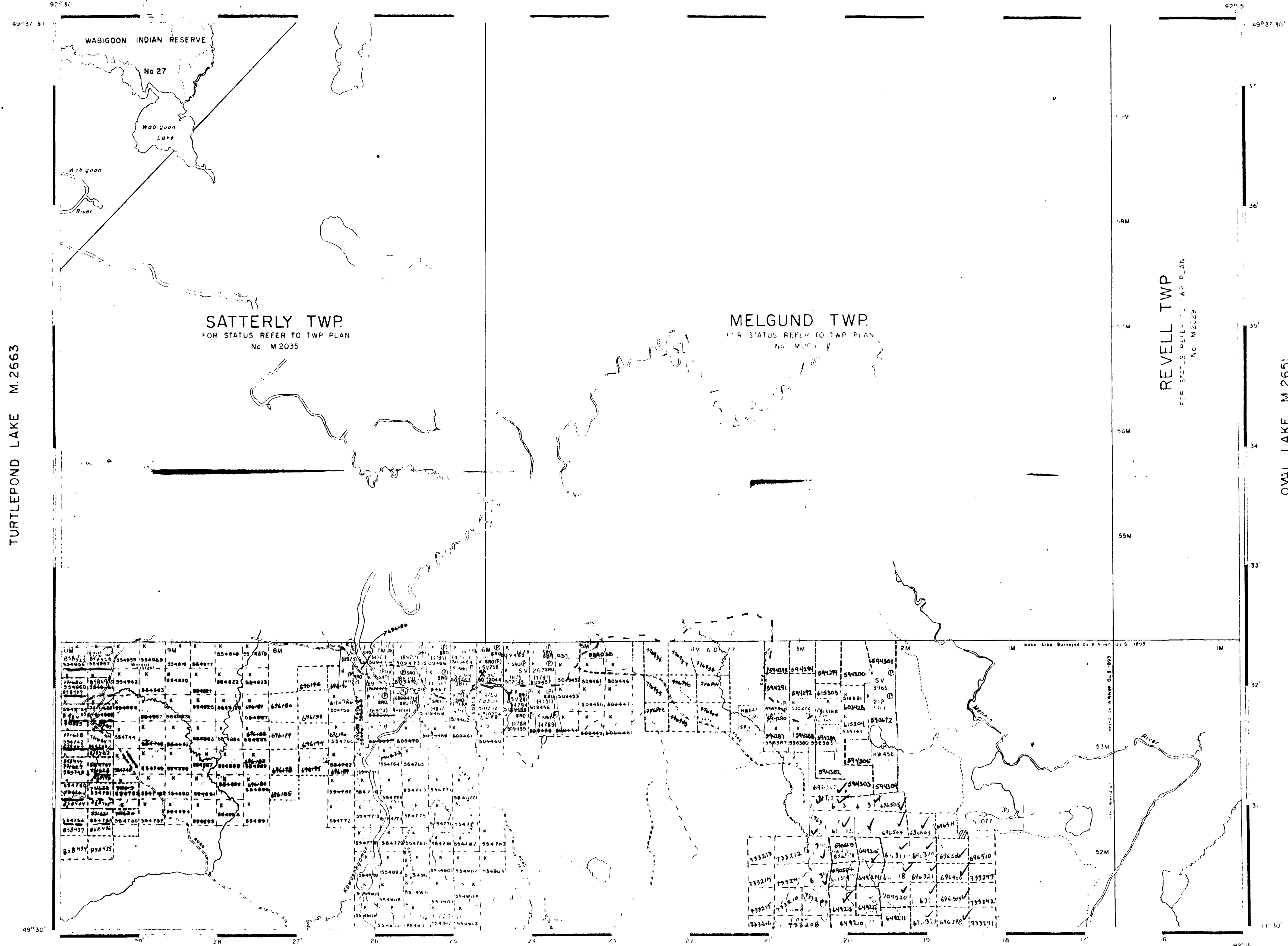


LINCOLN DATE

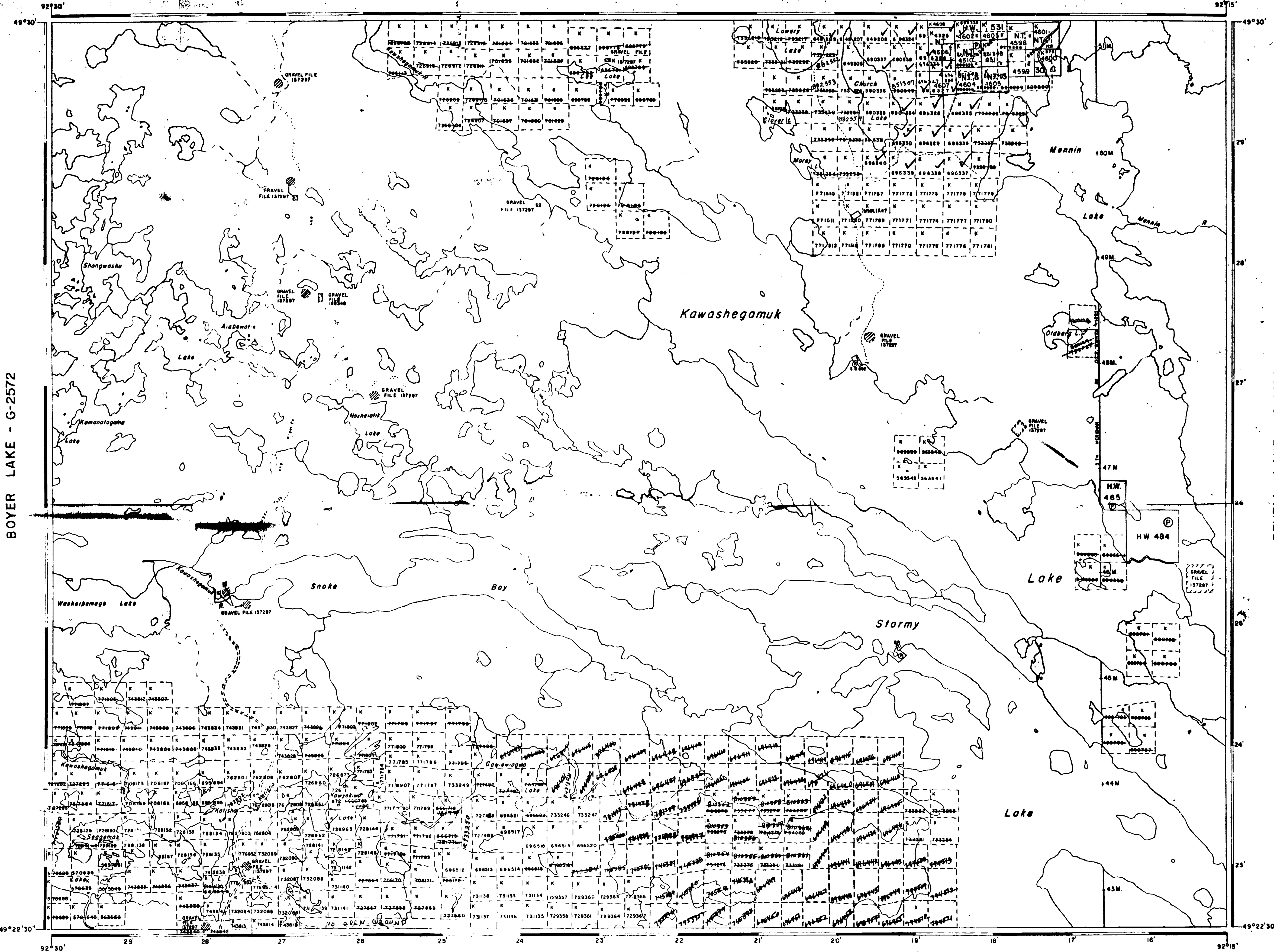
NATIONAL TOPOGRAPHIC SERIES 52F9

PLAN NO. **M.2653**

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH



TABOR LAKE - G-2592



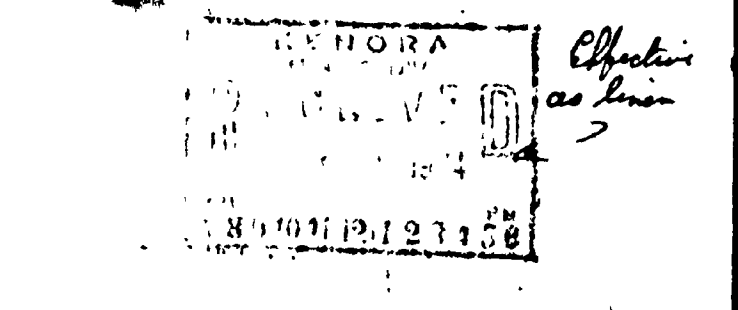
KENORA
MINING DIV.
AUG 7 1986
1 2 3 4 5 6

LEGEND

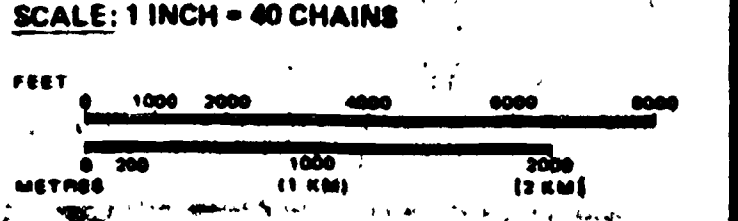
- PATENTED LAND
- CROWN LAND SALE
- LEASES
- LOCATED LAND
- LICENSE OF OCCUPATION
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKES
- MINES
- CANCELLED

REFERENCES

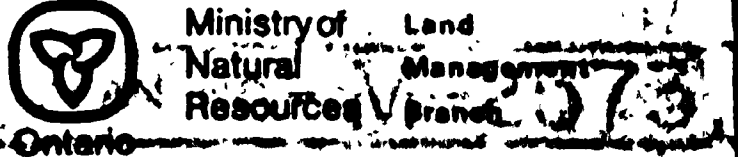
- AREAS WITHDRAWN FROM DISPOSITION
- M.R.O. - MINING RIGHTS ONLY
 - S.R.O. - SURFACE RIGHTS ONLY
 - M+S. - MINING AND SURFACE RIGHTS
- | Description | Order No. | Date | Disposition | File |
|-------------|-----------|------|-------------|------|
| | | | | |



Roads indicated Dryden Paper Co. Private Road may be used by prospectors only after permission is obtained from Dryden Paper Co. Dryden, Ont.



AREA
KAWASHEGAMUK LAKE
M.N.R. ADMINISTRATIVE DISTRICT
DRYDEN / IGNACE,
MINING DIVISION
KENORA
LAND TITLES / REGISTRY DIVISION
KENORA



DATE: FEBRUARY, 1984. Number: 373
M-2573 G-2585

G-2582

KAWASHEGAMUK

G-2582

G-2582

KAWASHEGAMUK

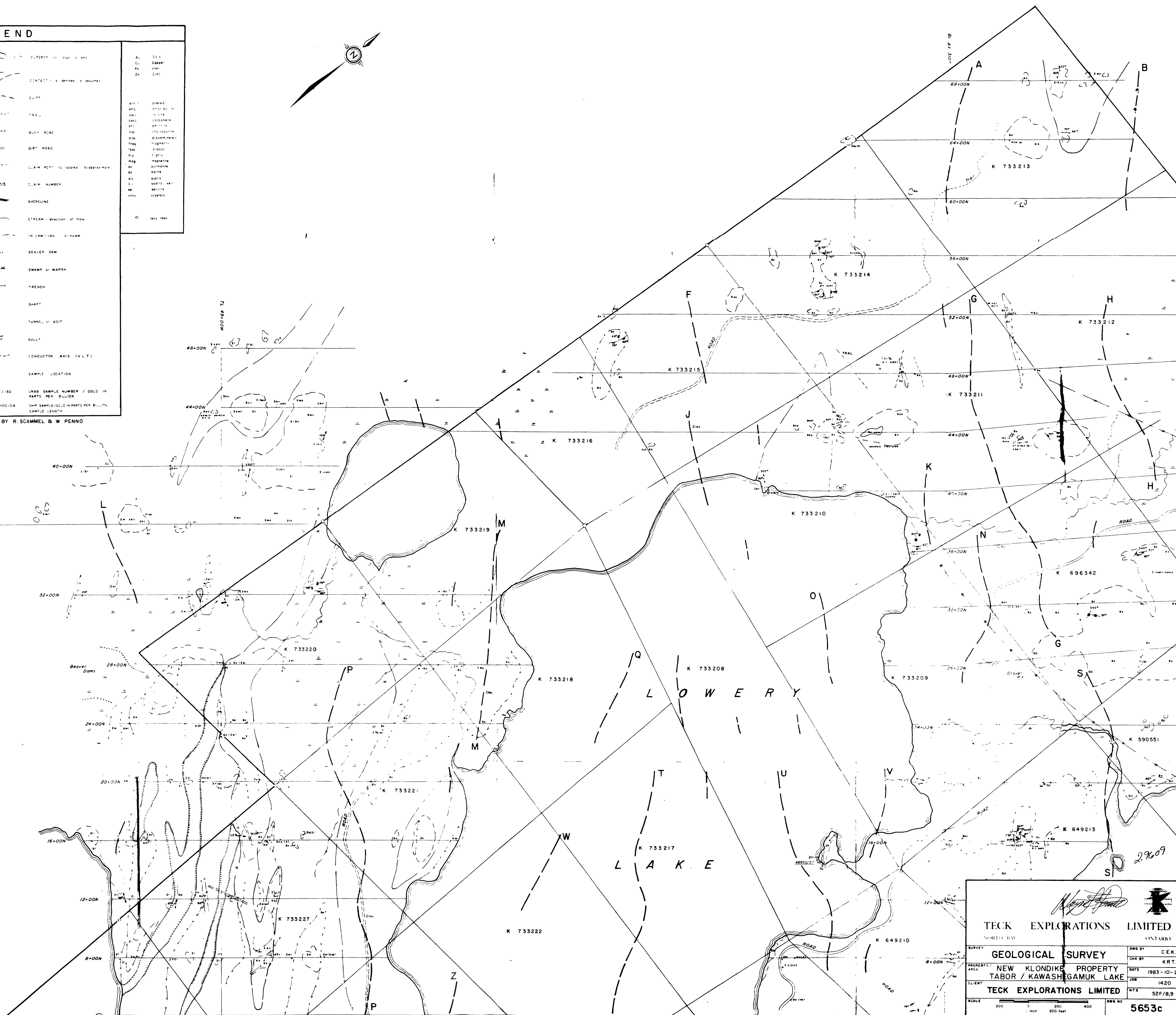
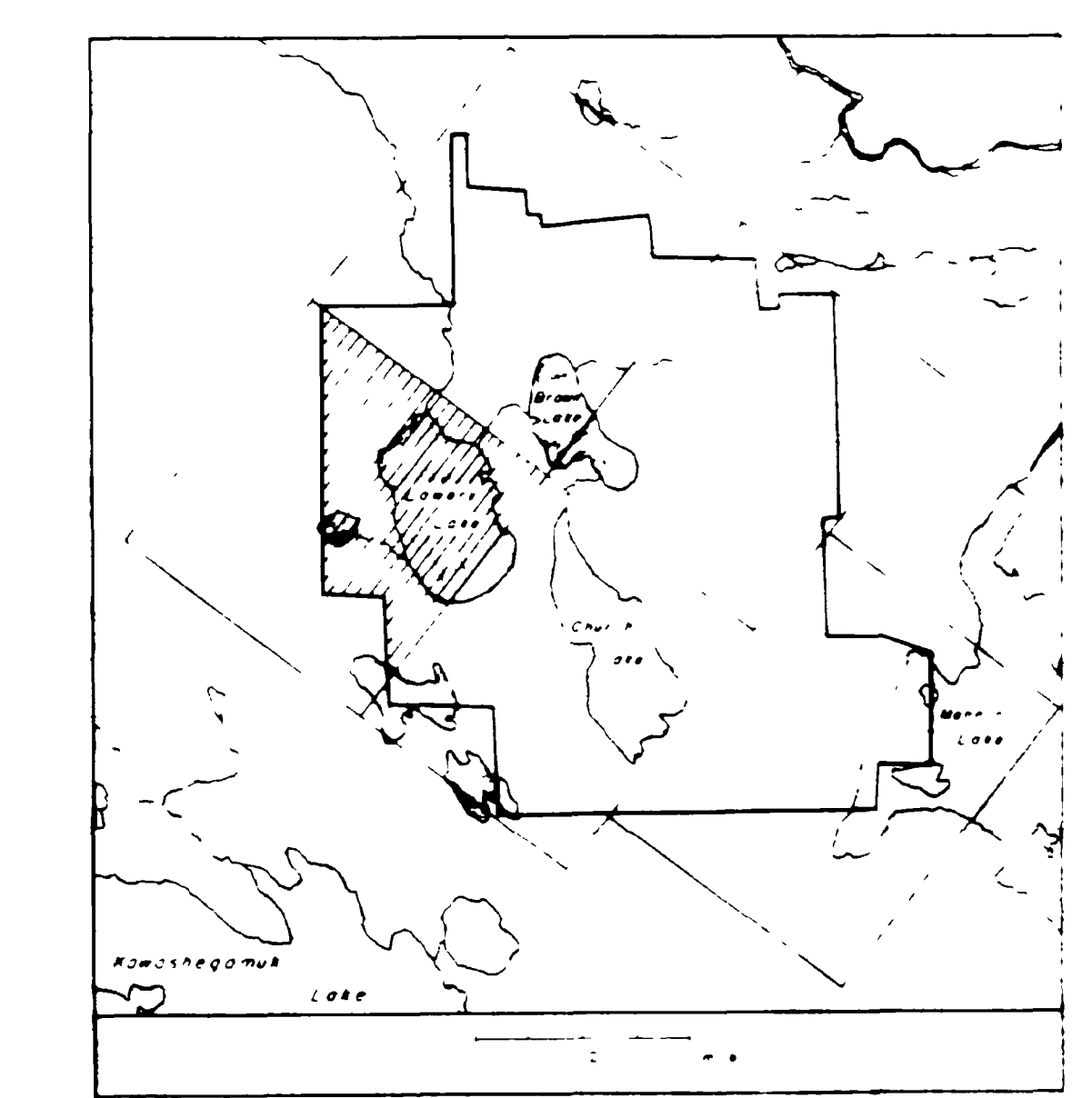
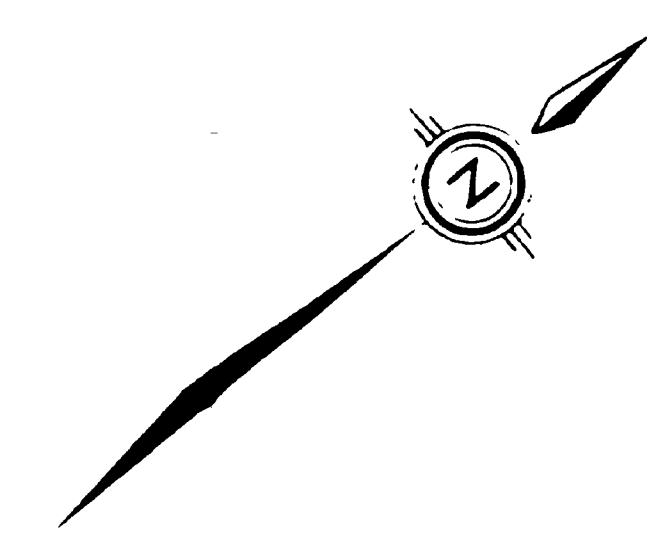
G-2582



LEGEND

	BASE CONTOUR		CONTACT - 3' STRIKE & DIPS		Au GOLD
	FELSIC/INTERMEDIATE INTRUSIVES (UNCLASSIFIED)		CLIFF		Cu COPPER
	MAFIC INTRUSIVES (UNCLASSIFIED)		FAULT		Fe IRON
	SEDIMENTARY ROCKS		BUSH ROAD		Zn ZINC
	FELSIC VOLCANICS (UNCLASSIFIED)		DIRT ROAD		Ag SILVER
	INTERMEDIATE VOLCANICS (UNCLASSIFIED)		CLAIM POST TO 1000' RADIUS		Ni NICKEL
	MAFIC VOLCANICS (UNCLASSIFIED)		CLAIM NUMBER		Pb LEAD
	SCHISTOSITY - UNCLASSIFIED		SHORELINE		Sn TIN
	FOLIATION - UNCLASSIFIED		STREAM - Direction of flow		Mo MOLYBDENUM
	JOINTING - UNCLASSIFIED		INCONSPICUOUS STREAM		W WOLFRAM
	GLACIAL STRIKE		BEAVER DAM		V VANADIUM
	LINEAMENT		SWAMP or MARSH		Bi BISMUTH
	FAULT		TRENCH		Sb ANTIMONY
			SHAFT		Tn TELLURIDE
			TUNNEL or ADIT		Hg MERCURY
			GULLY		As ARSENIC
			CONDUCTOR AXIS (V.L.F.)		Se SELENIUM
			SAMPLE LOCATION		Te TELLURIDE
			GRAB SAMPLE NUMBER / GOLD IN PARTS PER BILLION		U URANIUM
			CHIP SAMPLE / GOLD IN PARTS PER BILLION / SAMPLE LENGTH		Th THORIUM

GEOLOGY BY R. SCAMMEL & W. PENNO



TECK EXPLORATIONS LIMITED
 ONTARIO

GEOLOGICAL SURVEY

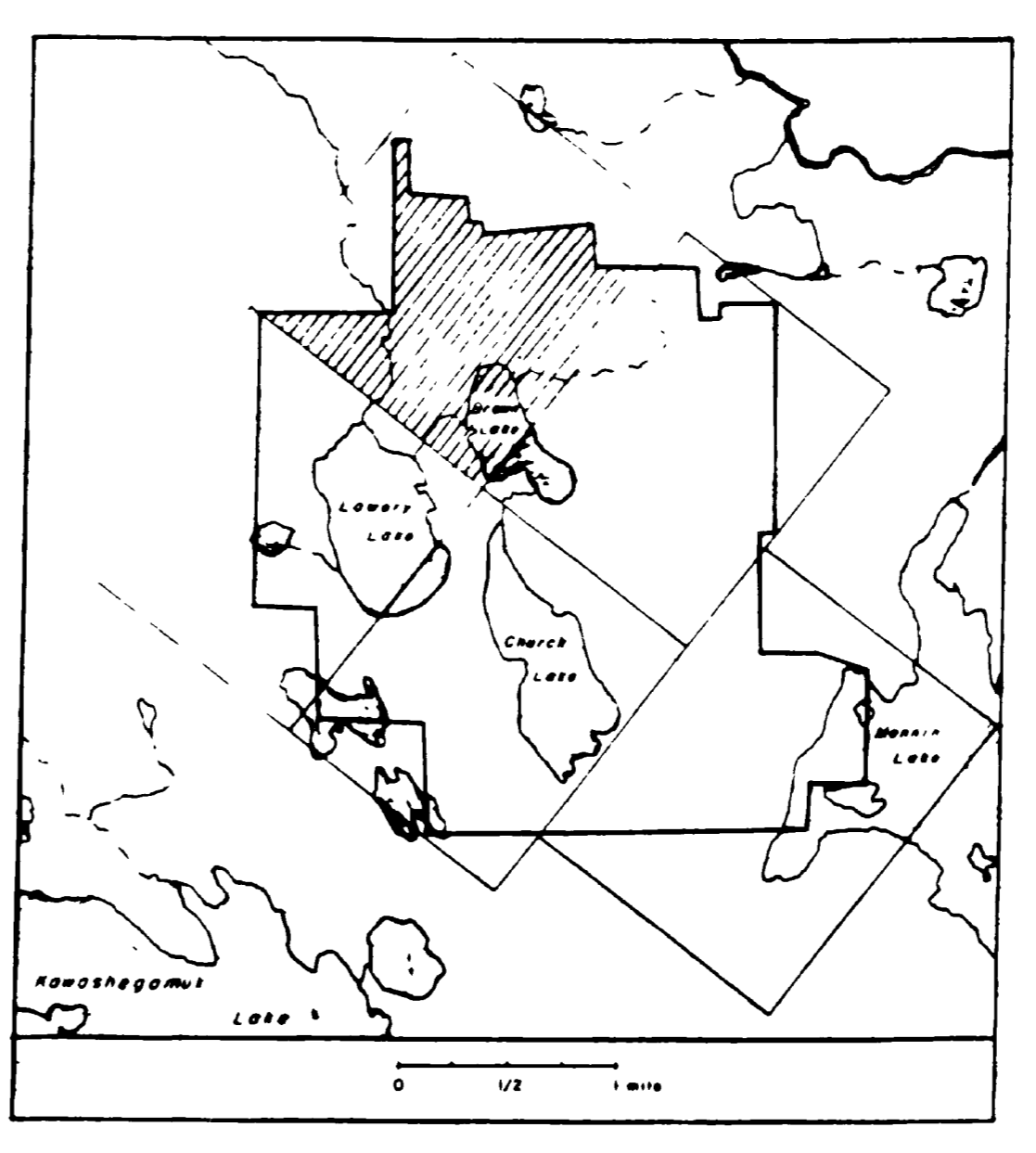
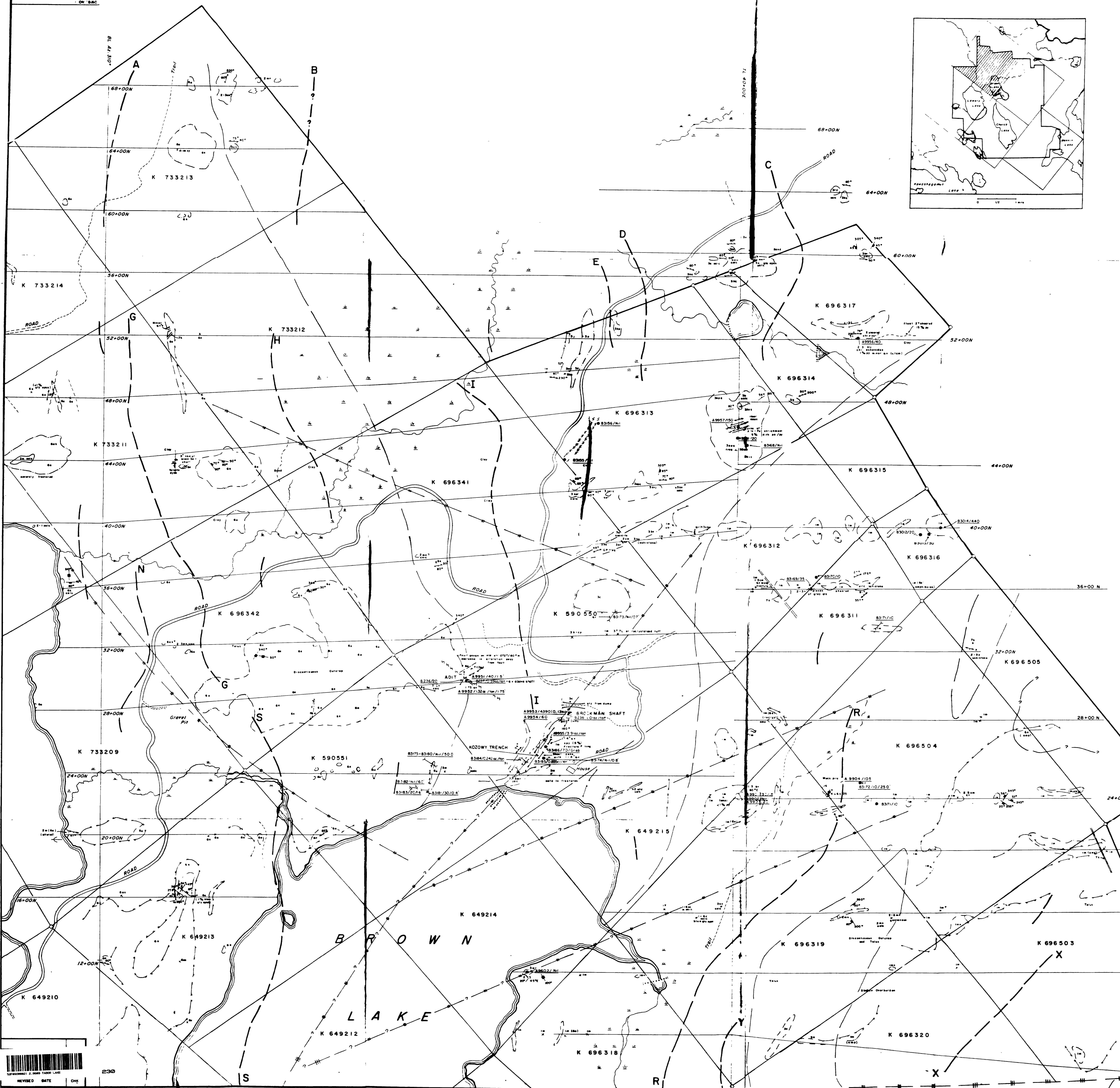
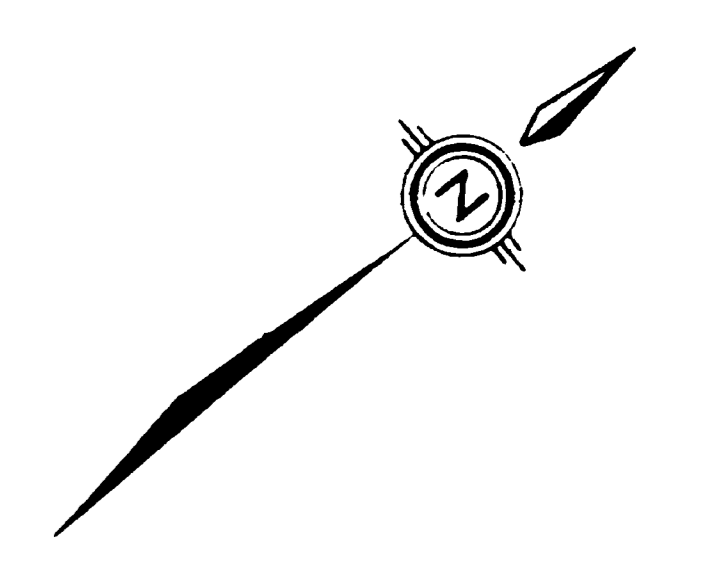
PROPERTY: NEW KLONDIKE PROPERTY
 AREA: TABOR / KAWASHEGAMUK LAKE

CLIENT: **TECK EXPLORATIONS LIMITED**

SCALE: 1:50,000

DRAWN BY: C.E.K.
 CHECKED BY: K.R.T.
 DATE: 1983-10-22
 JOB: 1420
 SHEET: 52F/8.9

DRAWN NO: **5653c**



LEGEND

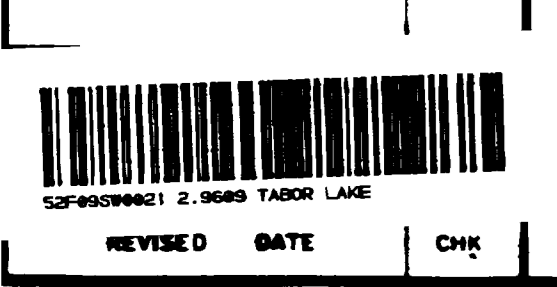
[Symbol]	DIAMOND DIKE	[Symbol]	OUTCROP (top to map)
[Symbol]	FELT/INTERMEDIATE INTRUSIVES (unroofed)	[Symbol]	CLIFF (top to bottom)
[Symbol]	TO granite	[Symbol]	CLIFF
[Symbol]	TO gneiss	[Symbol]	TRAIL
[Symbol]	TO schist	[Symbol]	ROAD
[Symbol]	MAFIC INTRUSIVES (unroofed)	[Symbol]	RAILROAD
[Symbol]	60 gneiss	[Symbol]	RAILROAD
[Symbol]	SEDIMENTS (unroofed)	[Symbol]	RAILROAD
[Symbol]	40 gneiss	[Symbol]	RAILROAD
[Symbol]	40 gneiss	[Symbol]	RAILROAD
[Symbol]	FELSIC VOLCANICS (unroofed)	[Symbol]	RAILROAD
[Symbol]	30 gneiss	[Symbol]	RAILROAD
[Symbol]	30 gneiss	[Symbol]	RAILROAD
[Symbol]	30 gneiss	[Symbol]	RAILROAD
[Symbol]	INTERMEDIATE VOLCANICS (unroofed)	[Symbol]	RAILROAD
[Symbol]	60 gneiss	[Symbol]	RAILROAD
[Symbol]	MAFIC VOLCANICS (unroofed)	[Symbol]	RAILROAD
[Symbol]	60 gneiss	[Symbol]	RAILROAD

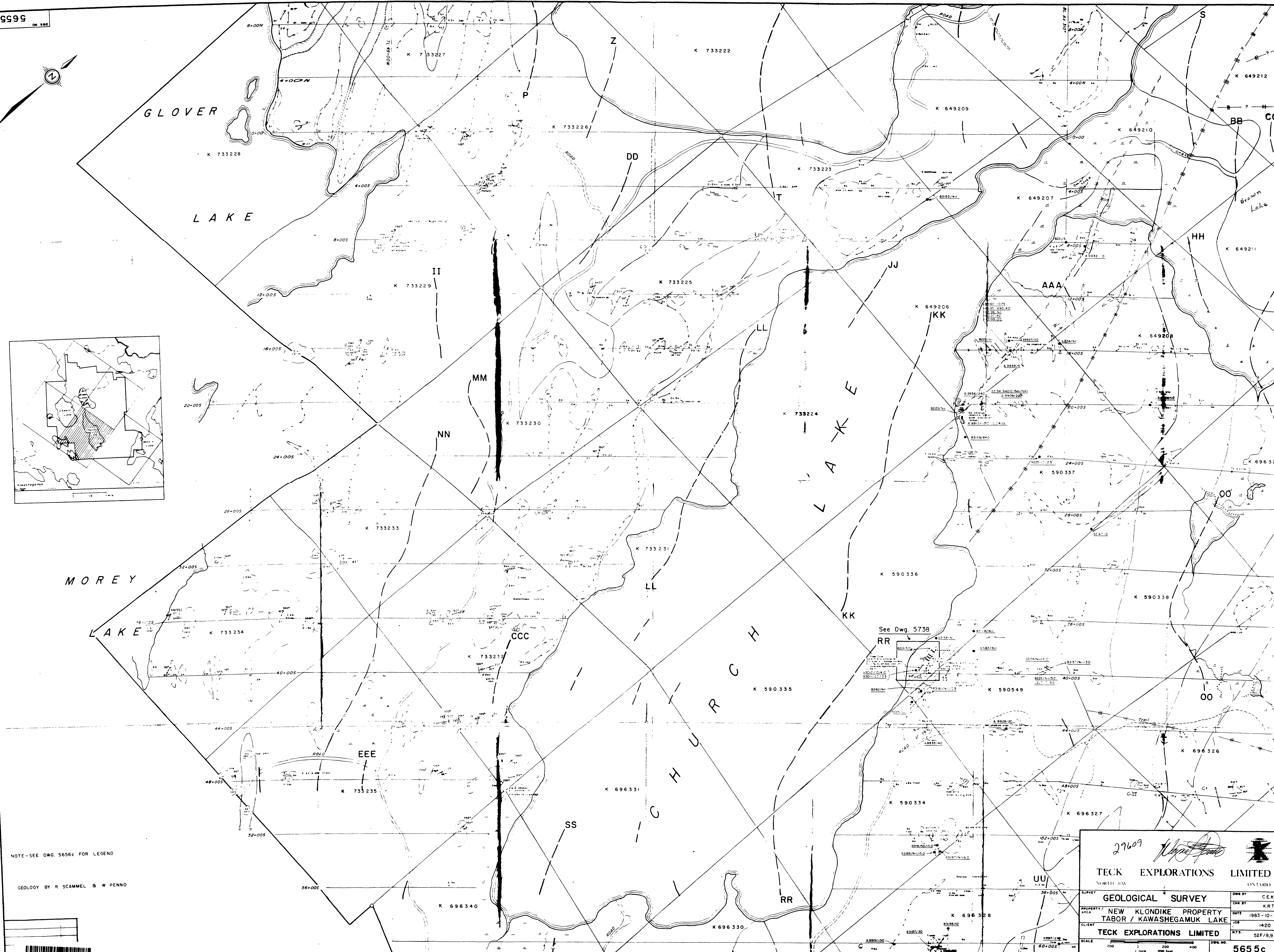
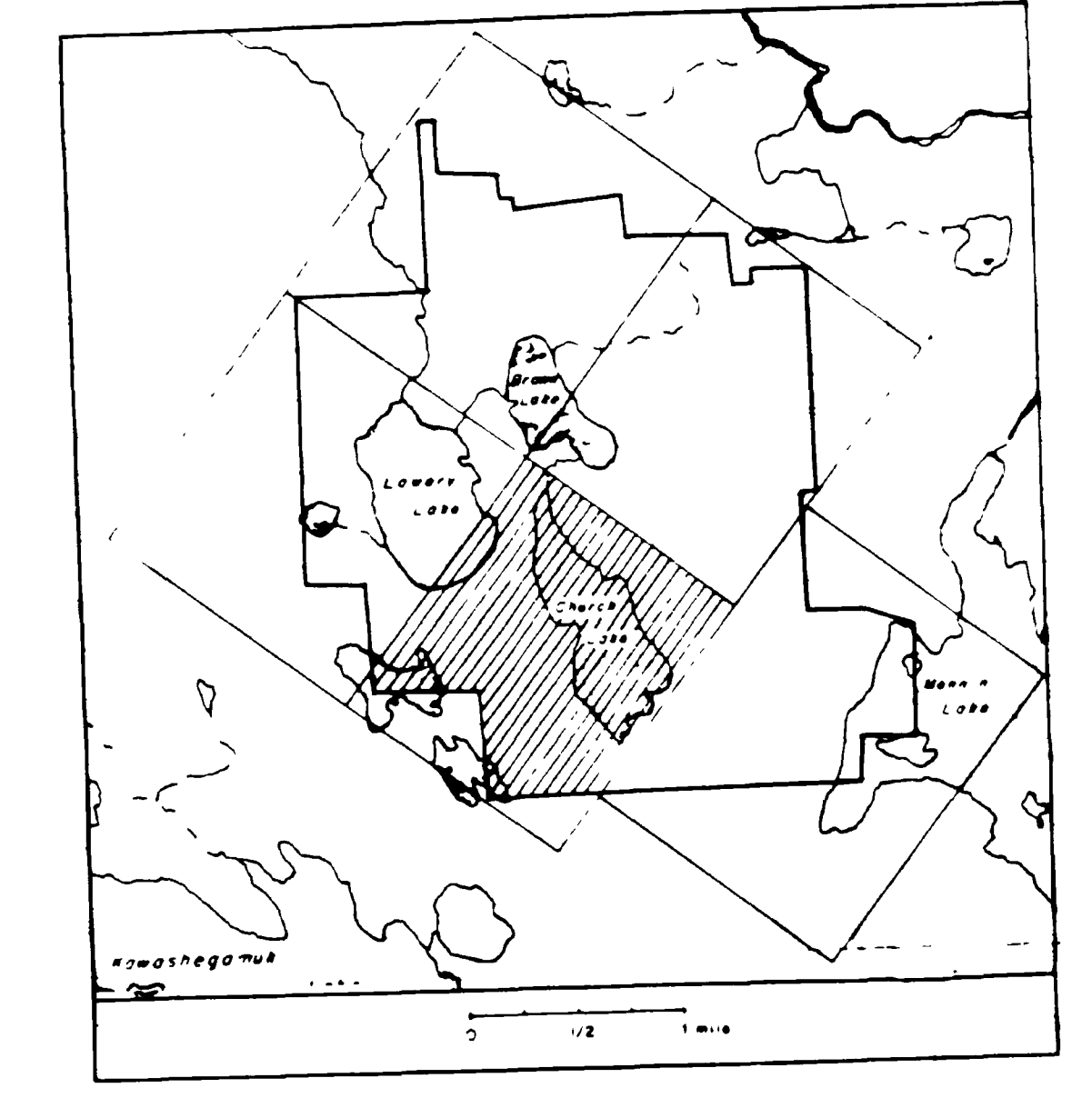
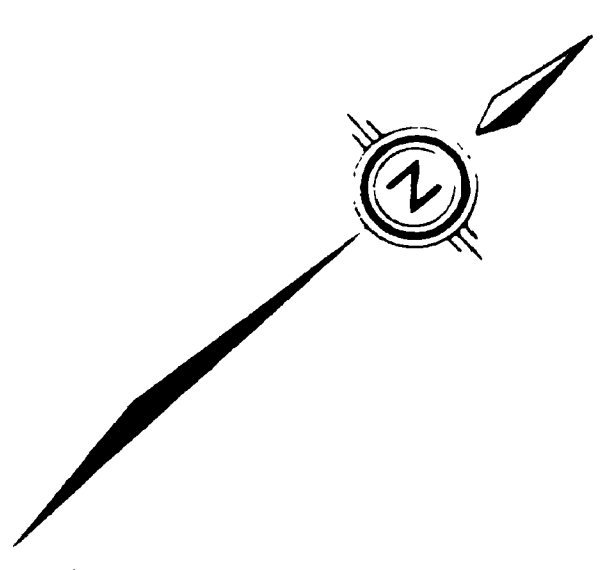
GEOLOGY BY R SCAMMEL, B W PENNO

W. Penno

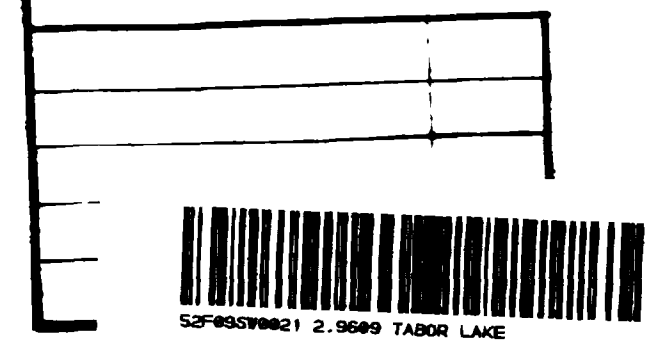
TECK EXPLORATIONS LIMITED
ONTARIO

SURVEY		GEOLOGICAL SURVEY		DWG BY	C.E.K.
PROPERTY AREA		NEW KLONDIKE PROPERTY		CHE BY	K.R.T.
CLIENT		TECK EXPLORATIONS LIMITED		DATE	1985-10-22
SCALE		200 0 200 400		JOB	1420
		5654c		RTS	52F/8.9





NOTE-SEE DWG. 5656c FOR LEGEND
GEOLOGY BY R SCAMMEL & W PENNO



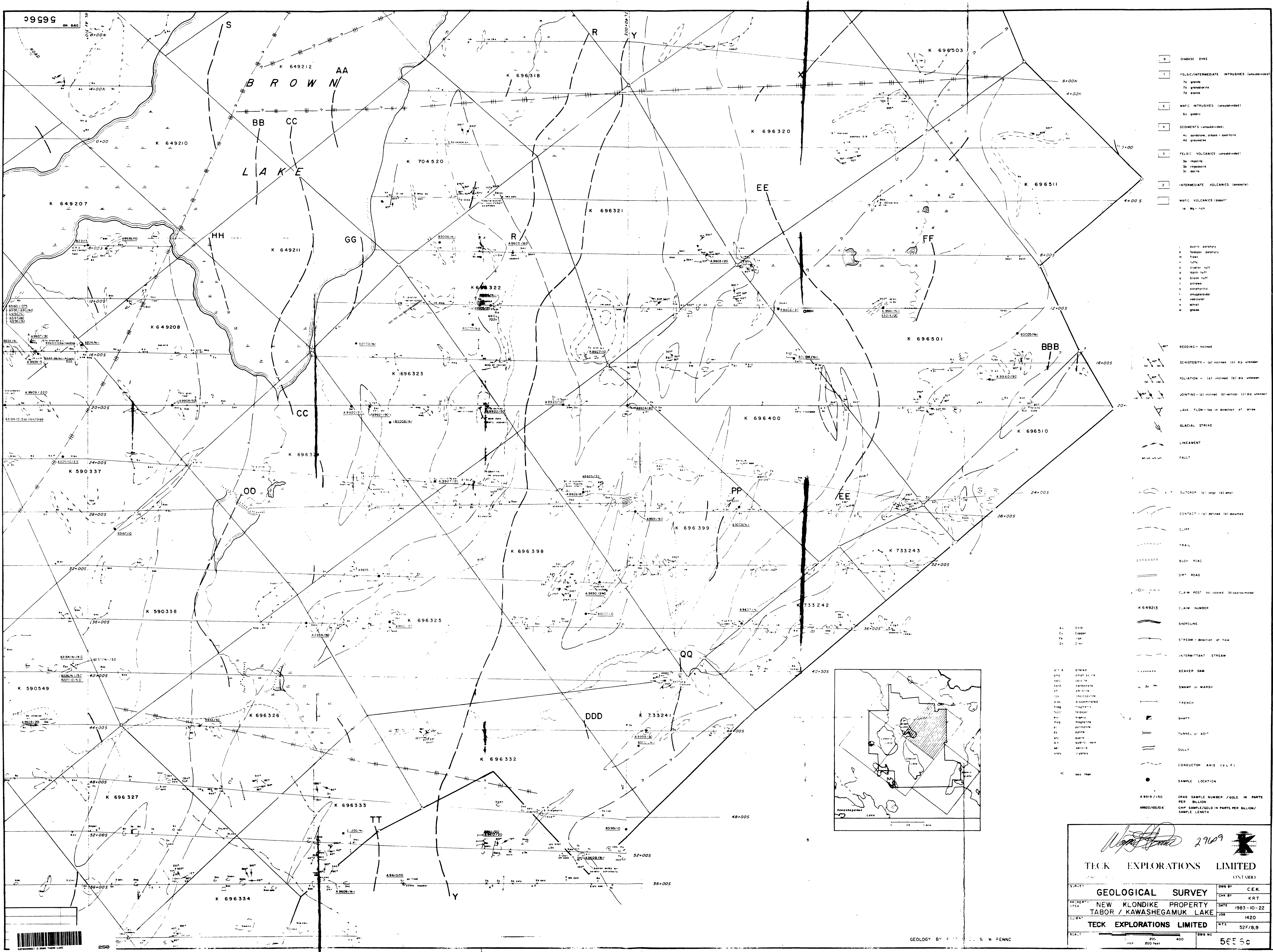
See Dwg 5738

27609 *Handwritten Signature*

TECK EXPLORATIONS LIMITED
ONTARIO

SURVEY		DATE	1983-10-22
AREA		JOB	1420
CLIENT		DATE	52F/8,9
GEOLOGICAL SURVEY		DWG NO.	5655c
NEW KLONDIKE PROPERTY		DATE	1983-10-22
TABOR / KAWASHEGAMUK LAKE		JOB	1420
TECK EXPLORATIONS LIMITED		DATE	52F/8,9

SCALE: 1 inch = 200 feet



- 9 DIABASE DYKE
 - 7 FELSIC/INTERMEDIATE INTRUSIVES (unsubdivided)
 - 7a granite
 - 7b gneiss
 - 7c diorite
 - 6 MAFIC INTRUSIVES (unsubdivided)
 - 6a gabbro
 - 4 SEDIMENTS (unsubdivided)
 - 4a sandstone, coarse - quartzite
 - 4b greywacke
 - 3 FELSIC VOLCANICS (unsubdivided)
 - 3a rhyolite
 - 3b rhyolite
 - 3c dacite
 - 2 INTERMEDIATE VOLCANICS (unsubdivided)
 - 2a andesite
 - 2b dacite
 - 1 MAFIC VOLCANICS (unsubdivided)
 - 1a basalt
 - 1b basalt
-
- quartz porphyry
 - felsic porphyry
 - flow
 - tail
 - crater tuff
 - tephra tuff
 - blast tuff
 - pillow
 - pyroclastic
 - volcaniclastic
 - scoria
 - breccia
-
- BEDDING - inclined
 - SCHISTOSITY - (a) inclined (b) dip unknown
 - FOLIATION - (a) inclined (b) dip unknown
 - JOINTING - (a) inclined (b) dip unknown
 - LAVA FLOW - top in direction of flow
 - GLACIAL STRIKE
 - LINEAMENT
 - FAULT
 - OUTCROP - (a) large (b) small
 - CONTACT - (a) defined (b) assumed
 - CLIFF
 - TRAIL
 - BUSH ROAD
 - DRY ROAD
 - CLAIM POST - (a) located (b) approximated
 - CLAIM NUMBER
 - SHORELINE
 - STREAM - direction of flow
 - INTERMITTENT STREAM
 - BEAVER DAM
 - SWAMP OR MARSH
 - TRENCH
 - SHAFT
 - TUNNEL OR ADIT
 - GULLY
 - CONDUCTOR AXIS (V.L.F.)
 - SAMPLE LOCATION
 - A 9919/150 GRAB SAMPLE NUMBER / GOLD IN PARTS PER BILLION
 - A 9920/0000 GRAB SAMPLE / GOLD IN PARTS PER BILLION / SAMPLE LENGTH

Walter H. ... 29/09

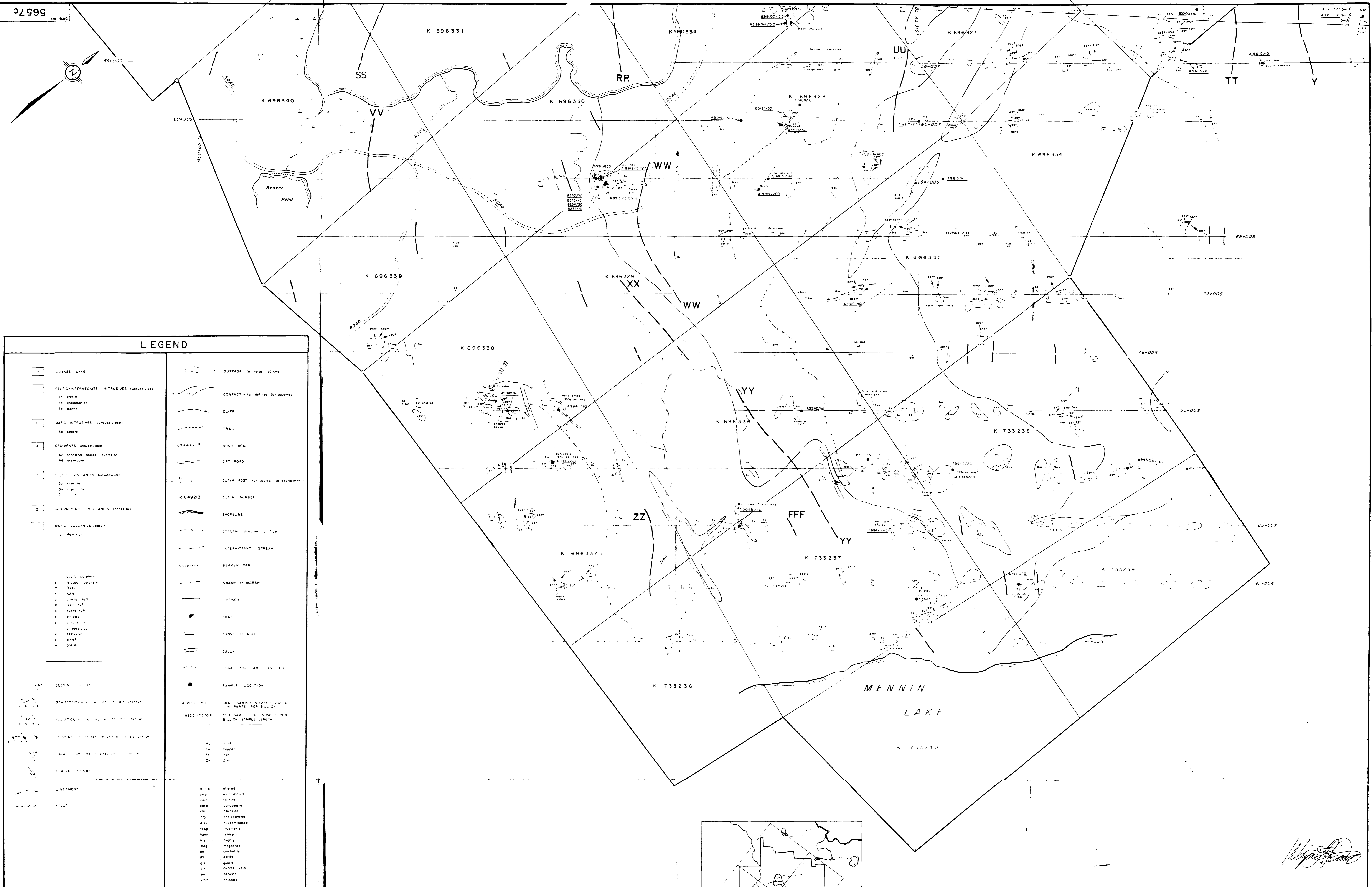
TECK EXPLORATIONS LIMITED
ONTARIO

GEOLOGICAL SURVEY		DATE BY	C.E.K.
NEW KLONDIKE PROPERTY TABOR / KAWASHEGAMUK LAKE		DATE	1983-10-22
TECK EXPLORATIONS LIMITED		JOB	1420
		NTS	52F/8.9

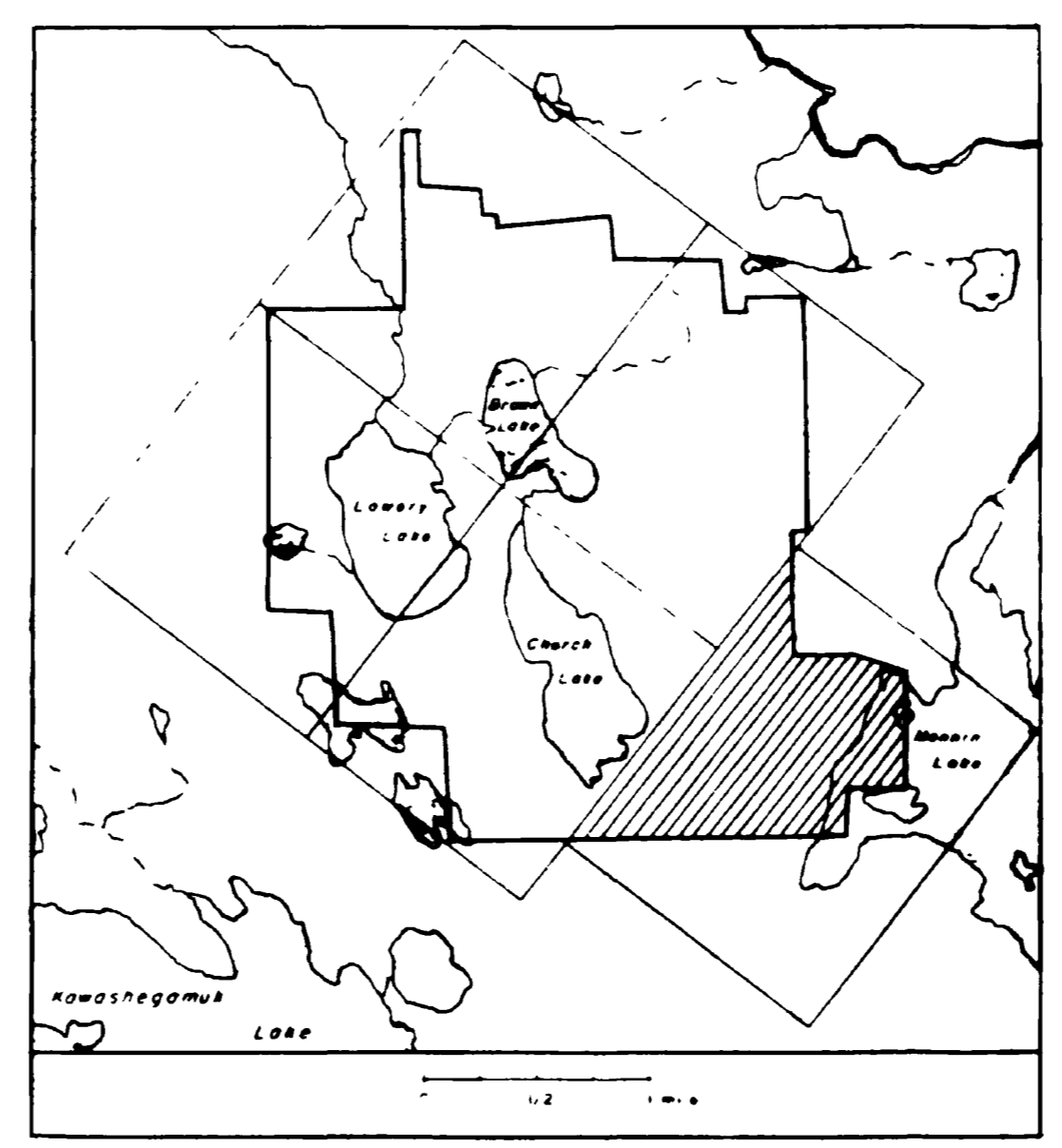
GEOLOGY BY: S. W. PENNOC

SCALE: 1:50,000
1" = 200 FEET

555 50



LEGEND	
6	DIBASE DYKE
7	FELSIC/INTERMEDIATE INTRUSIVES (unclassified)
8	MAFIC INTRUSIVES (unclassified)
9	SEDIMENTARY (unclassified)
10	FELSIC VOLCANICS (unclassified)
11	INTERMEDIATE VOLCANICS (unclassified)
12	MAFIC VOLCANICS (unclassified)
13	CLIFF
14	TRAIL
15	BUSH ROAD
16	DIRT ROAD
17	CLAIM POST
18	CLAIM NUMBER
19	SHORELINE
20	STREAM - direction of flow
21	INTERMITTENT STREAM
22	BEAVER DAM
23	SWAMP OR MARSH
24	TRENCH
25	SHaft
26	TUNNEL OR ADIT
27	GULLY
28	CONDUCTION AXIS (V, F, H)
29	SAMPLE LOCATION
30	DRAB SAMPLE NUMBER / GOLD IN PARTS PER MILLION
31	CHRYSEOLITE SAMPLE NUMBER / GOLD IN PARTS PER MILLION
32	ANALYSIS
33	ANALYSIS
34	ANALYSIS
35	ANALYSIS
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39	ANALYSIS
40	ANALYSIS
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99	ANALYSIS
100	ANALYSIS



W. J. Scammel

GEOLOGY BY R. SCAMMEL & W. PENNO

29609

TECK EXPLORATIONS LIMITED
ONTARIO

SURVEY	GEOLOGICAL SURVEY	DWG BY	CEK
PROPERTY / AREA	NEW KLONDIKE PROPERTY TABOR / KAWASHEGAMUK LAKE	CHE BY	KRT
CLIENT	TECK EXPLORATIONS LIMITED	DATE	1983-10-22
SCALE	200 0 200 400 1 inch 200 Feet	JOB	1420
		RTS	52F/B,9
		DWG NO	5657c